

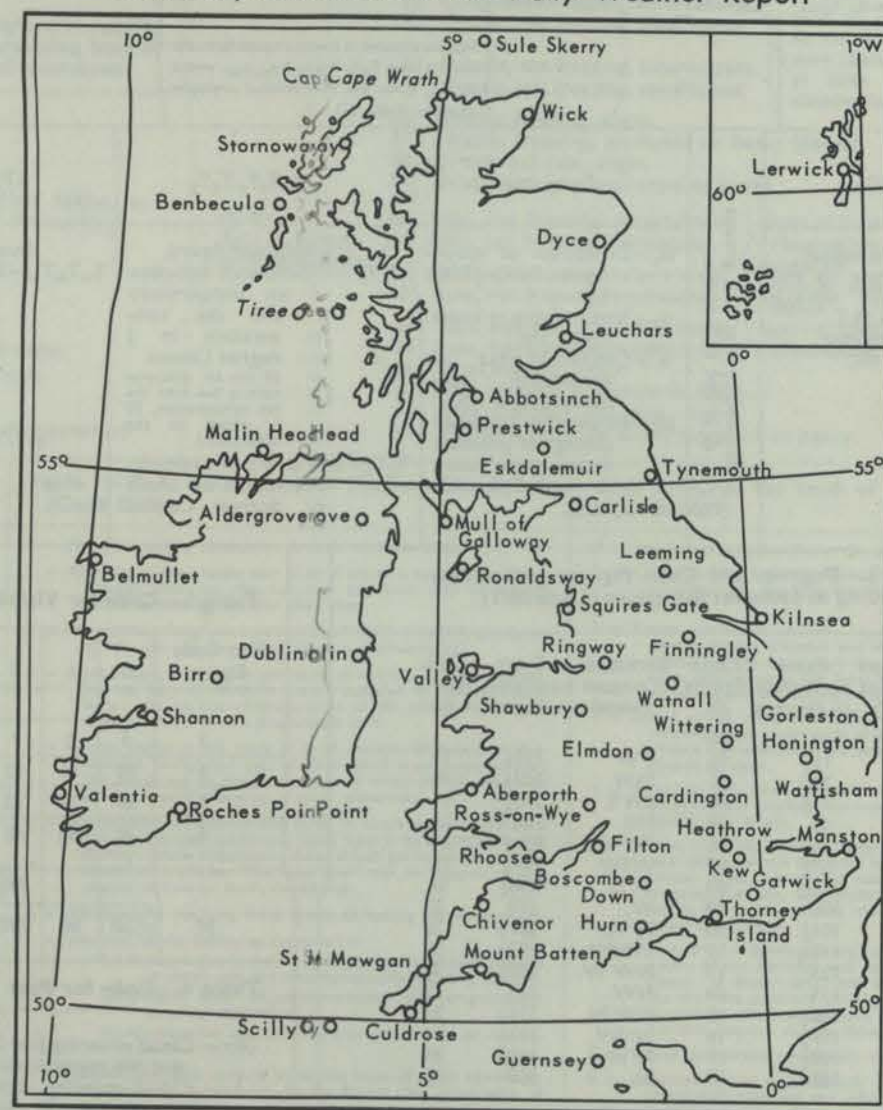
# THE DAILY WEATHER REPORT

(INTRODUCTION)



1st October to 31st December, 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	N <sub>h</sub> C <sub>L</sub> h C <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> T <sub>d</sub> a pp	8N <sub>s</sub> C h <sub>3</sub> h <sub>s</sub>	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 $\tau_r$ .	N <sub>h</sub> = Fraction of celestial dome covered by C <sub>L</sub> (or C <sub>M</sub> if no C <sub>L</sub> ). C <sub>L</sub> = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C <sub>M</sub> = Form of Medium Cloud (Table 7). C <sub>H</sub> = Form of high cloud (Table 8).	T <sub>d</sub> T <sub>d</sub> = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).  Stations situated in tropical latitudes use the form T <sub>d</sub> T <sub>d</sub> 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. N <sub>s</sub> = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h <sub>3</sub> h <sub>s</sub> = Height of base of cloud (Table 12).	RR = Rainfall (Table 19) (Code 3577) (09h–21h). T <sub>x</sub> T <sub>x</sub> = Maximum temperature in whole degrees Celsius (09h–21h). T <sub>n</sub> T <sub>n</sub> = Minimum temperature in whole degrees Celsius (21h–09h).	T <sub>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>1</sub> L <sub>2</sub> L <sub>3</sub>	Q <sub>c</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub>	YYGGi <sub>w</sub>	Followed by first four groups as in FM 11 D above.	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>	IT <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>1</sub> L <sub>2</sub> L <sub>3</sub> = Latitude in tenths of a degree.	Q <sub>c</sub> = Quadrant of the globe (Table 17). L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> 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.	I = Indicator figure. T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added. t <sub>r</sub> = The tenths figure of the air temperature.	3 = Indicator figure. P <sub>w</sub> P <sub>w</sub> = Period of waves in seconds. H <sub>w</sub> H <sub>w</sub> = Height of the waves in units of 0.5 metre.  This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3/00.	d <sub>w</sub> d <sub>w</sub> = Direction (in tens of degrees) from which waves come. P <sub>w</sub> = Period of waves (Table 16). H <sub>w</sub> H <sub>w</sub> = Height of the waves in units of 0.5 metre.  This group is used to report swell when it is possible to make a clear distinction between swell and wind waves.

Table 1.—Code for Cloud Amount (N, Nh, Ns) (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 in degrees	Code figures dd	Direction (Compass equivalent Points)	Exact in degrees	Code figures 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	3	4	5	6	7	8	9
5	5	*	*	*	*	*	6	7	8	9
6	10	11	12	13	14	15	16	17	18	19
7	20	21	22	23	24	25	26	27	28	29
8	30	35	40	45	50	55	60	65	70	Over 70
9†	<50	50	200	500	1,000	2,000	4	10	20	50 or over

In the range 01–50 the figures give actual visibility in tenths of kilometres. This table gives the meanings of higher code figures.  
†Values not given may be obtained by interpolation.  
\* Code figures not used.  
† Decade 90–99 is used when visibility cannot be determined with sufficient accuracy to justify lower code figures.

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

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

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



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	has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour. has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour. Slight or moderate drifting snow. } generally low. Heavy drifting snow. } generally high. Slight or moderate blowing snow. } Heavy blowing snow. }	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	slight at time of observation. moderate at time of observation. heavy at time of observation.				
	01	Clouds generally dissolving or becoming less developed.			31			Slight or moderate duststorm or sandstorm.	71		Continuous fall of snow flakes.			
	02	State of sky on the whole unchanged.			32				72		Intermittent fall of snow flakes.			
	03	Clouds generally forming or developing.			33				73		Continuous fall of snow flakes.			
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.			34			Severe duststorm or sandstorm.	74		Intermittent fall of snow flakes.			
	05	Haze			35				75		Continuous fall of snow flakes.			
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation			36			Slight or moderate drifting snow.	76		Ice prisms (with or without fog).			
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.			37			Heavy drifting snow.	77		Snow grains (with or without fog).			
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.			38			Slight or moderate blowing snow.	78		Isolated starlike snow crystals (with or without fog).			
	09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.			39			Heavy blowing snow.	79		Ice pellets type (a).			
	10	Mist.			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.	slight moderate or heavy. slight. moderate or heavy. slight. moderate or heavy. slight. moderate or heavy.
	11	Shallow fog or ice fog, in patches.						41	Fog or ice fog in patches.			81	Rain shower(s), moderate or heavy.	
	12	Shallow fog or ice fog, land or 10 metres at more or less continuous.						42	Fog or ice fog, sky discernible.			82	Rain shower(s), violent.	
	13	Lightning visible, no thunder heard.						43	Fog or ice fog, sky not discernible.			83	Shower(s) of rain and snow, slight.	
	14	Precipitation within sight, not reaching the ground or the surface of the sea.						44	Fog or ice fog, sky 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.	
	18	Squalls.						48	Fog, depositing rime, sky discernible.			88		
19	Funnel cloud(s)† at or within sight of the station during the preceding hour or at the time of observation.	49	Fog, depositing rime, sky not discernible.	89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	90								
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.	Not falling as shower(s).	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. thunderstorm at time of observation.				
	21	Rain (not freezing).			51	Drizzle, not freezing, continuous.		92	Moderate or heavy rain at time of observation.					
	22	Snow.			52	Drizzle, not freezing, intermittent.		93	Slight snow, rain and snow mixed, or hail* at time of observation.					
	23	Rain and snow or ice pellets type (a).			53	Drizzle, not freezing, continuous.		94	Moderate or heavy snow, rain and snow mixed or hail* at time of observation.					
	24	Freezing drizzle or freezing rain.			54	Drizzle, not freezing, intermittent.		95	Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation.					
	25	Shower(s) of rain.			55	Drizzle, not freezing, continuous.		96	Thunderstorm, slight or moderate, with hail* at time of observation.					
	26	Shower(s) of snow, or of rain and snow.			56	Drizzle, freezing, slight.		97	Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation.					
	27	Shower(s) of hail*, or of hail and rain.			57	Drizzle, freezing, moderate or heavy (dense).		98	Thunderstorm combined with duststorm or sandstorm at time of observation.					
	28	Fog or ice fog.			58	Drizzle and rain, slight.		99	Thunderstorm, heavy, with hail* at time of observation.					
	29	Thunderstorm (with or without precipitation).			59	Drizzle and rain, moderate or heavy.								
								60-69 Rain at time of observation.	60		Rain, not freezing, intermittent.	slight at time of observation. moderate at time of observation. heavy at time of observation.		
									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.

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

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

0	No stratocumulus, stratus, cumulus or cumulonimbus.
1	Ragged cumulus other than of bad weather, or cumulus with little vertical extent and seemingly flattened, or both.
2	Cumulus of moderate or strong vertical extent, generally with protuberances in the form of domes or towers, either accompanied or not by other cumulus or by stratocumulus: all having their bases at the same level.
3	Cumulonimbus, the summits of which, at least partially, lack sharp outlines, but are neither clearly fibrous (cirriform) nor in the form of an anvil: cumulus, stratocumulus or stratus may also be present.
4	Stratocumulus formed by the spreading out of cumulus: cumulus may also be present.
5	Stratocumulus not resulting from the spreading out of cumulus.
6	Stratus in a more or less continuous sheet or layer, or in ragged shreds, or both, but no stratus fractus of bad weather.
7	Stratus fractus of bad weather or cumulus fractus of bad weather (pannus), or both: usually below altostratus or nimbostratus. By "bad weather" is meant the conditions which generally exist before, during or after precipitation.
8	Cumulus and stratocumulus, other than those formed from the spreading out of cumulus: the base of cumulus is at a different level from that of stratocumulus.
9	Cumulonimbus, the upper part of which is clearly fibrous (cirriform), often in the form of an anvil: either accompanied or not by cumulus, stratocumulus, stratus or pannus.
/	Stratus in cumulus, 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 orus 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 Metres	
3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.		3 = Altcumulus (Ac).		81 = 10,500	
4 = Steady, atmospheric pressure the same as 3 hrs ago.		4 = Altostratus (As).		82 = 12,000	
5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.		5 = Nimbostratus (Ns).		83 = 13,500	
6 = Decreasing, then steady; or decreasing, then decreasing more slowly.		6 = Stratocumulus (Sc).		84 = 15,000	
7 = Decreasing (steadily or unsteadily).		7 = Stratus (St).		85 = 16,500	
8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.		8 = Cumulus (Cu).		86 = 18,000	
		9 = Cumulonimbus (Cb).		87 = 19,500	
		/ = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.		88 = 21,000	
				89 = > 21,000	
				*Only used when cloud height cannot be determined with greater accuracy.	
				<b>Table 13.—Code for State of Ground (E) (Code 0900)</b>	
				0 ... Ground dry.	
				1 ... „ moist.	
				2 ... „ wet.	
				3 ... „ frozen.	
				4 ... Glaze or ice on ground but no snow or melting snow.	
				5 ... Snow or melting snow (with or without ice) covering less than one half of ground.	
				6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).	
				7 ... Snow or melting snow (with or without ice) covering ground completely.	
				8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).	
				9 ... Loose dry snow, dust or sand covering ground completely.	
<b>Table 14.—Code for Direction in which Ship has moved (D<sub>s</sub>) (Code 0700)</b>		<b>Table 15.—Code for Speed of Ship (v<sub>s</sub>) (Code 4451)</b>		<b>Table 17.—Quadrant of the globe (Q<sub>c</sub>) (Code 3333)</b>	
0 = Stationary.		kt		Latitude Longitude	
1 = North-east.		0 = 0		1 North East	
2 = East.		1 = 1–5		3 South East	
3 = South-east.		2 = 6–10		5 South West	
4 = South.		3 = 11–15		7 North West	
5 = South-west.		4 = 16–20			
6 = West.		5 = 21–25			
7 = North-west.		6 = 26–30			
8 = North.		7 = 31–35			
9 = No definite direction or unknown.		8 = 36–40			
		9 = > 40			



At the beginning of the month, a shallow slack area of relatively low pressure, extending over much of central Europe covered the British Isles. Early on 2nd, a shallow depression moved southeastwards over Ireland and Brittany, followed by a general rise in pressure as a ridge developed across the country. By the 3rd a large anticyclone had become established from southern Britain to central Europe, and from 4th to 12th an anticyclone in the vicinity of southern England dominated much of the British Isles, with weak frontal systems at times influencing the weather over northern areas. From 7th to 11th the main anticyclone transferred to the south of Ireland and the airstream became more northwesterly over the country. The anticyclone influence weakened temporarily on 12th as fronts associated with a deep depression near Iceland crossed the country on 13th. From the 14th to 18th a southwesterly airstream covered the British Isles, with a large anticyclone slow-moving over central Europe. Cyclonic activity associated with depressions running northeastwards to the north of Scotland was chiefly confined to northern areas of the British Isles. On the 19th, fronts associated with an intense depression south of Iceland crossed the country, followed by further frontal troughs on the 21st. A general westerly flow persisted until the 25th, broken in the south on the 23rd as a shallow low moved eastward into north Germany. During the 25th a depression formed off S.W. Ireland and subsequently drifted south towards Spain. An anticyclone intensified over and to the north of Scotland on the 27th and 28th, and an easterly airstream became established over the U.K. for the rest of the month.

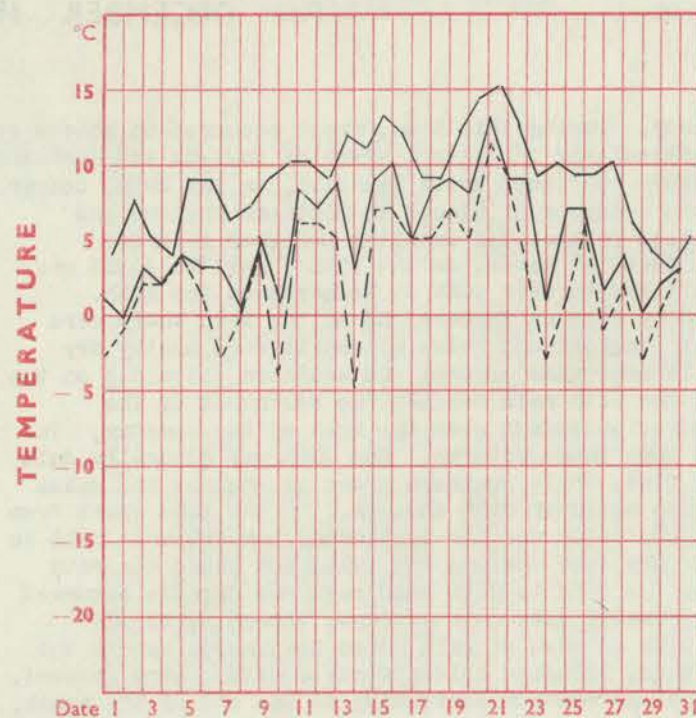
On the 1st and 2nd overnight fog was widespread over southern and eastern areas of England, and in places persisted all day. Other areas had occasional rain and on the 2nd the rain also affected southern England. From the 3rd to 8th, overnight fog affecting parts of the Midlands and southern and eastern England cleared during the day, except the 7th when it persisted all day over East Anglia. Northern and western areas meanwhile had occasional rain and drizzle. Frost occurred in places and on the 1st a minimum of  $-6^{\circ}\text{C}$  was reported from Hurn and Larkhill. Occasional rain continued to affect Scotland until the 11th, the rest of the U.K. being

generally dry, though rather cloudy. During this time, frost occurred in places at night, but during the day and particularly in eastern areas of England and Scotland it was mild. Generally mild weather continued until the 21st, on the 20th, Colwyn Bay recorded a maximum of 16°C and a number of places in northern England and Scotland reached 15°C which equalled or exceeded existing December records. Southwesterly winds reached gale force at times, on the 17th a gust to 103KT was recorded at the Cairngorms Skilift and to over 90KT at Newhaven on the 19th. Scotland continued to be affected by rain or showers and on the 14th there were thunderstorms over western areas. England and Wales meanwhile were mostly dry though there was rain and drizzle over some central and southern districts on the 12th and 15th. However, late on the 18th rain reached the southwest of the United Kingdom and on the 19th moved eastwards over the rest of the country. The rain was followed by showers and some thunderstorms. The 20th was generally dull with rain and drizzle but on the 21st, while southern areas of England and Wales continued dull, elsewhere it became brighter with showers. On the 22nd apart from these southern areas where the mild, rainy weather continued, temperatures fell to near normal. The 23rd was mostly dry over England and Wales but there was rain and drizzle over Scotland. From the 24th to 26th some rain and drizzle occurred in most areas and temperatures generally were near average, though parts of Scotland were mild. During the 27th an area of rain moved southwards across the U.K. followed by northeasterly winds, bringing colder weather with wintry showers, mainly over eastern areas. The colder weather continuing to the end of the month. Temperatures were above normal everywhere. It was the warmest December on record at many places in Scotland, including Glasgow and Edinburgh. Northwest Scotland had above average rainfall, but elsewhere amounts were below average. At Armagh Observatory it was the driest December since 1844 and in the Aberdeen area this century. Sunshine amounts were average in east and northeast England, below elsewhere. At Wick and Edinburgh (Airport) it was the dulllest December since records started in 1946 and 1949 respectively.

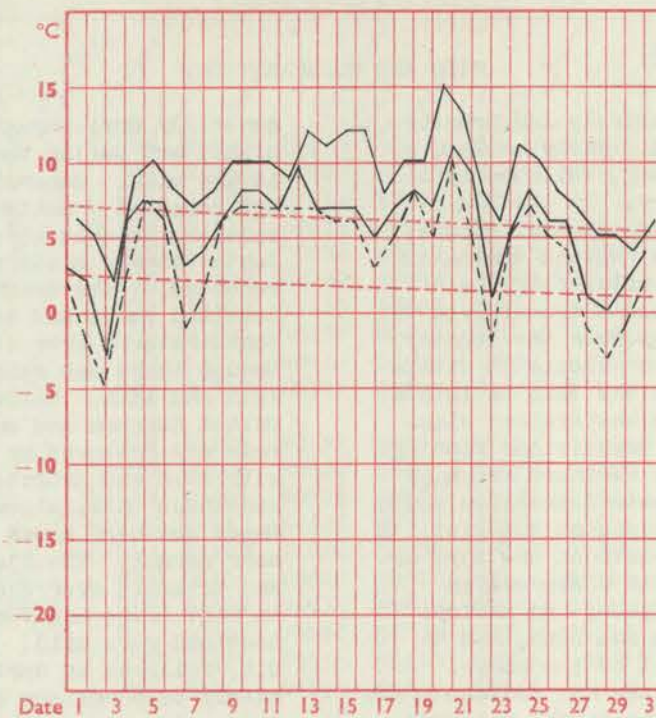
PLACE	TEMPERATURE										SUNSHINE										RAINFALL												Days with thunder	Days with snow or rain and snow	Days with fog (Vis. < 300 metres at 09 h.)
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% of average	Highest and lowest totals on record for month				Days of no rainfall (0.1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.)	Date	Total for month mm.	% of average	Highest and lowest totals on record for month										
																First year of record	Highest	Year	Lowest						Year	First year of record	Highest	Year	Lowest	Year					
Kew	08.9	+1.6	05.0	+2.1	14.6	21	-00.4	02	09	02	11	06.2	28	032	080	1880	072	1886	0.3	1890	23	09	19	018	035	1866	162	1914	06	1926	00	03	00		
Thorney Island	09.3	+1.1	04.9	+1.6	13.9	21	-01.2	29	12	03	16	06.5	01	041	076	1958	105	1962	037	1966	24	09	19	015*	021	1941	114	1965	19	1953	00	02	00		
Gorleston	08.4	+1.2	05.0	+1.6	14.8	21	-01.5	02	04	02	14	04.9	24	036	078	1908	079	1962	016	1959	19	06	22	029	053	1914	104	1960	12	1932	00	03	04		
Cardington	08.7	+2.1	04.2	+1.7	14.2	21	-02.6	01	11	04	14	05.0	28	032	068	1954	091	1962	014	1969	23	07	19	020	047	1953	093	1965	10	1953	00	02	01		
Boscombe Down	08.5	+1.5	04.2	+1.8	13.5	(a)	-05.1	01	13	05	18	05.4	28	032	065	1932	091	1962	020	1956	22	11	19	026	034	1931	204	1934	11	1933	00	01	01		
Ross-on-Wye	08.7	+1.3	05.0	+1.8	14.2	20	-03.2	08	11	03	15	05.6	28	033	066	1914	078	1948	026	1956	22	09	19	029	042	1859	197	1929	11	1926	01	01	00		
Rhoose	08.7	+2.3	05.2	+1.3	12.7	20	-01.6	08	07	02	17	05.6	29	029	073	1954	065	1961	003	1956	21	18	19	051	056	1954	208	1965	42	1957	01	01	01		
Mount Batten	10.0	+0.8	06.4	+1.3	13.1	20	-01.3	04	07	02	12	05.5	03	043	083	1921	082	1946	027	1927	22	17	01	057	050	1948	229	1965	19	1953	00	02	01		
Elmdon	08.5	+1.9	04.4	+2.2	14.2	20	-04.6	01	10	02	15	05.7	28	022	055	1928	059	1967	019	1956	24	10	19	027	044	1933	138	1965	08	1933	01	03	01		
Valley	10.0	+1.3	07.2	+2.0	12.3	20	-00.1	03	05	01	15	04.9	02	032	074	1913	080	1960	015	1931	19	07	18	026	029	1946	179	1964	17	1963	00	00	00		
Ringway	08.5	+1.8	05.3	+3.0	14.5	20	-02.5	03	07	02	14	05.0	29	028	088	1945	061	1962	016	1947	23	07	22	019	027	1929	180	1965	08	1933	00	03	02		
Watnall	08.0	+2.3	04.3	+1.9	13.6	20	-01.3	01	10	03	18	05.2	29	027	071	1948	062	1961	012	1956	18	10	22	032	054	1946	180	1965	19	1963	00	03	06		
Finningley	08.9	+2.0	04.5	+2.2	15.2*	20	-01.0	(b)	09	03	14	05.2	09	042	127	1958	058	1967	014	1958	22	13	27	030	064	1958	097	1965	08	1963	00	02	03		
Tynemouth	09.3	+2.3	06.3	+2.6	15.0**	20	00.7	01	05	01	12	03.6	09	028	085	1936	071	1966	023	1968	21	06	28	016	026	1864	133	1915	04	1905	00	00	00		
Eskdalemuir	07.4	+2.3	04.2	+3.4	11.2	20	-03.1	23	09	02	19	04.0	13	016	045	1910	074	1967	003	1912	09	21	20	095	060	1910	339	1932	33	1933	00	04	00		
Abboesinch	09.5	+2.9	05.5	+3.3	13.3	20	-02.5	30	10	07	11	03.9	28	019	073	1921	068	1967	009	1956	13	17	20	077	073	1920	230	1929	15	1933	01	00	01		
Leuchars	09.4	+2.9	05.0	+2.9	13.7	09	-02.0	01	10	04	11	04.3	13	029	064	1921	082	1967	016	1934	18	05	18	016	030	1921	127	1959	08	1926	01	00	00		
Dyce	09.0	+3.0	03.3	+1.9	14.2	04	-03.9	01	18	08	11	06.1	05	035	078	1925	067	1951	017	1968	19	03	18	019*	023	1946	147	1955	27	(a)	00	01	00		
Stornoway	09.1	+1.8	05.3	+1.7	13.4	20	-02.0	30	05	03	19	05.5	(a)	024	092	1880	054	1935	006	1884	04	28	17	163	158	1942	214	1949	58	1963	02	02	00		
Aldergrove	08.7	+1.8	04.8	+1.9	13.6	20	-02.0	03	09	05	10	05.2	01	034	097	1927	070	1935	017	1954	18	04	18	014*	014	1926	145	1929	15	1963	00	00	00		
(a) 20, 21    (b) 01, 07											(a) 02, 03										(a) 1963, 1970														
* New highest    ** Equal highest																					* New lowest														



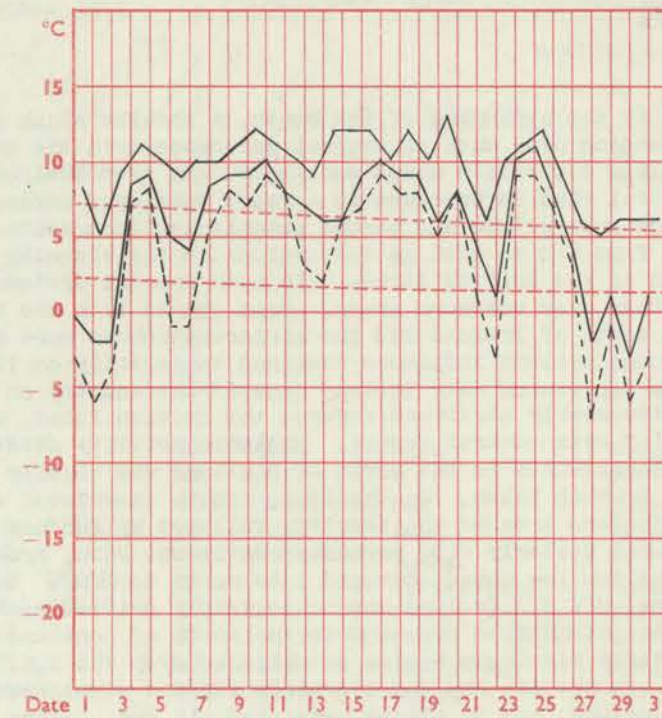
# LONDON (Kew)



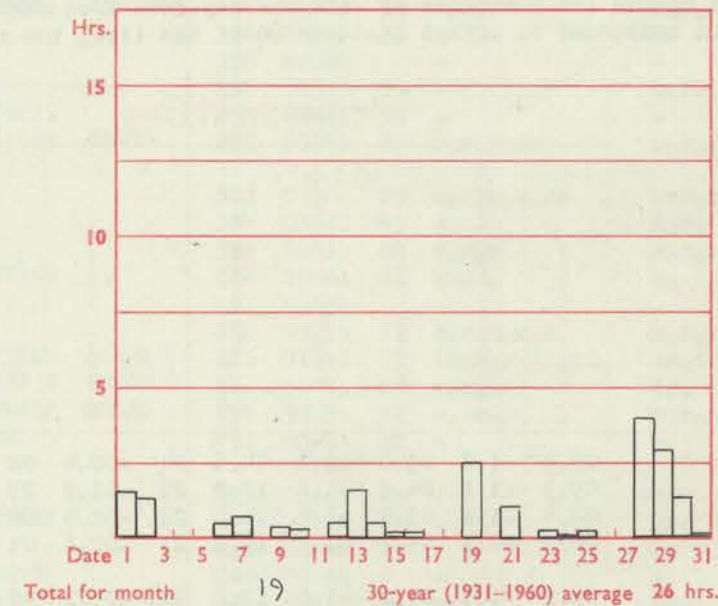
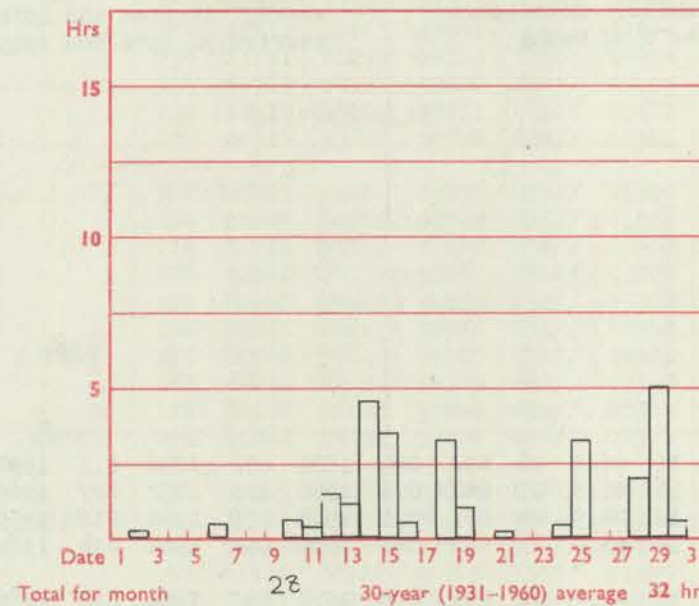
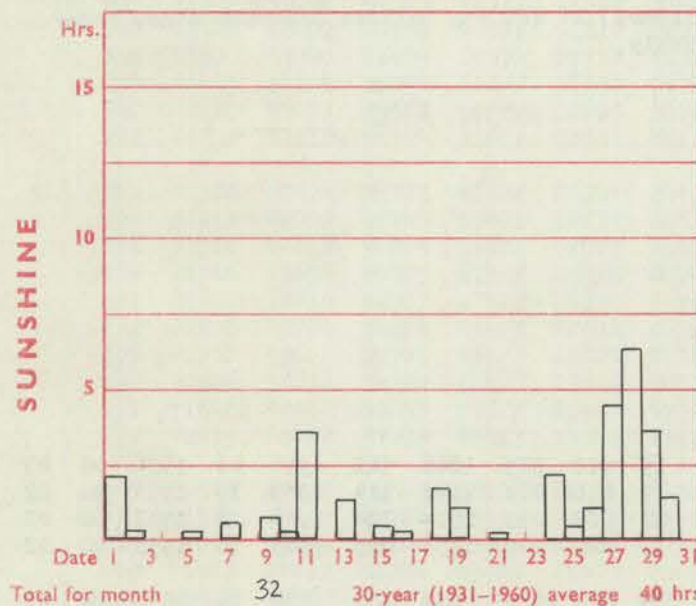
# MANCHESTER (Ringway)



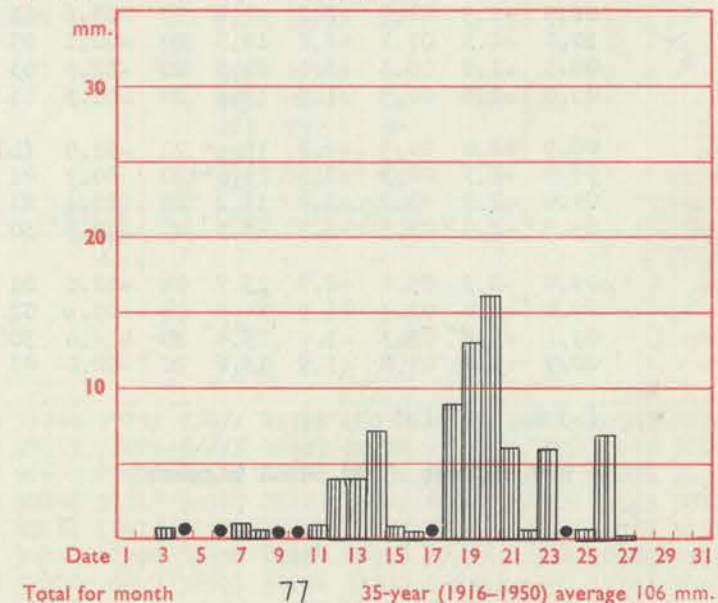
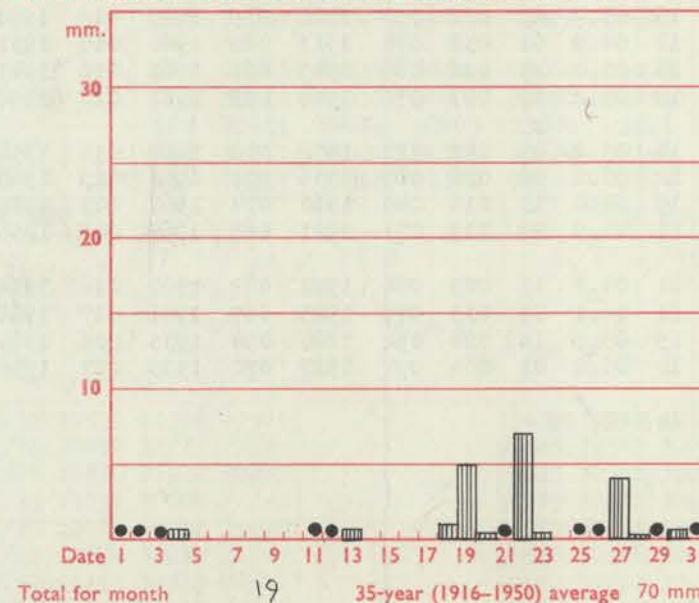
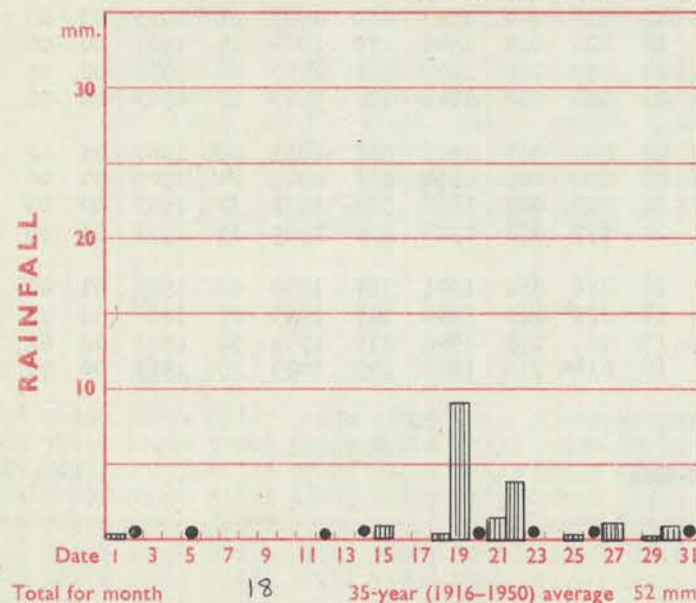
# GLASGOW (Abbotsinch)



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)



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 "•"



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



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40186

Date of Issue      Wednesday    1 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
30 November 1971										30 November 1971										30 November 1971									
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>s</sub> h <sub>s</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>s</sub> h <sub>s</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 x E	SSS	WEATHER						
																							09h.—15h.	15h.—21h.					
Boscombe Down	746	71011	64015	98204	754//	02112	82712	87621		746	10606	61011	02203	00901	00226	81075			746	00053	016	+	+	+					
Hurn	862	80807	70215	97307	854//	03112	81713	83618	88630	862	10405	60016	02202	00901	00233	81070			862	97073	001	+	+	+					
Thorney Island	871	41013	80011	98107	83501	03005	83822			871	00209	60051	01603	00900	01225				871	00071	032	+	+	+					
Manston	797	71512	57051	00405	754//	02804	83710	86612		797	80805	37602	01306	854//	04108	84710	88620		797	95061		+	+	ro ro					
Gatwick	776	51009	72021	99305	58401	01003	84817	83624		776	63505	50051	01902	654//	01218	86615			776	00061	049	+	+	+					
Kew	775	31207	66030	99605	21501	01002	82820			775	40101	23050	02502	45400	00219	84616			775	00051	057	+	+	+					
Heathrow	772	30910	62031	99406	31431	02001	83818			772	10206	40041	02302	00901	01219	81080			772	00061	041	+	+	+					
Honington	586	71308	56051	01205	754//	02002	87617			586	73605	37206	02804	757//	03112	87650			586	92061		ro	ro	ro do					
Wattisham	590	71608	58021	01105	754//	03802	84711	87614		590	80106	28105	02604	854//	04211	82615	88645		590	91050	000	do	do	iro					
Gorleston	497	61512	58032	01607	685//	05100	83820	86630		497	80914	65258	02608	885//	05210	84820	88625		497	01082	000	+	+	+	rprprroiro				
Aberporth	502	81702	58636	98705	3562/	04222	83630	88556		502	72104	74016	02804	11438	03124	81818	86270		502	03061	001	rrrrro	+	+	+				
Ross-on-Wye	627	80804	63022	98805	864//	02211	88715			627	60902	48051	02703	656//	02222	86630			627	00051	000	+	+	+	+				
Filton	628	80805	72032	98806	854//	03113	84710	88620		628	20503	56041	03202	25601	01227	82640			628	00063	002	+	+	+	+				
Rhoose	715	80608	16616	98105	863//	05117	81705	83708	88710	715	80203	56216	02705	854//	03126	88618			715	02061	000	idoroFodo	do	roiro	roiro				
Chivenor	707	81202	61636	97907	7522/	05121	81703	83615	86624	707	80203	60506	02707	6542/	04229	81710	86620	88460	707	09081	000	rrdoro	rrroff	rrroff	rrroff				
Mount Batten	827	83614	48656	97207	7732/	07226	82708	87715	88530	827	80103	59036	02407	856//	05236	88640			827	10081	000	rrrrro	rrroiro	iro	iro				
St. Mawgan	817	83519	50636	98706	6542/	05122	83710	85619	88540	817	70112	61218	03206	6842/	05233	81710	85816	87459	817	19081	000	RRrrpr	pro	pro	pro				
Scilly	804	53323	74021	00409	42401	03214	84818			804	43218	81018	04509	42400	03224	84818			804	97091	043	+	+	+	+				
Culdrose	809	73614	60158	97607	5841/	04116	83818	87460		809	63513	69026	02807	38411	03231	82818	83460	86070	809	03092	000	proiro	pro	pro	pro				
Guernsey	894	80406	58516	04305	872//	05119	83703	87705		894	80414	63606	99407	854//	03235	85618	88630		894	03071	000	do	do	do	idoiro				
Elmdon	534	31208	58056	99904	18431	01111	81815	83070		534	30000	30110	03551	10932	52222	81360	83070		534	00063	042	+	+	+	iff				
Cardington	559	11206	58051	00704	11402	02105	81815			559	70303	37111	03451	756//	51318	87630			559	00053	053	+	+	+	ff				
Wittering	462	31507	56044	00804	26401	02107	82710			462	30103	14041	03301	15431	01218	81618			462	00043	036	+	+	+	ff				
Watnall	354	81608	28052	00703	853//	02109	86708	88650		354	61602	17112	03601	20932	01219	82360	85075		354	97043	000	+	+	+	ifo				
Shawbury	414	80000	14586	99504	5702/	02111	85701	88540		414	60000	32046	02705	655//	02219	86620			414	02051	000	ro	do	ro	do				
Finningley	360	61505	28044	00903	26332	01005	82706	83360	85073	360	70000	26102	03401	50978	01117	85360	87270		360	00041	000	f	+	+	f				
Kilnsea	396	42014	61011	01105	21571	03209	82820	83360		396	50000	61021	03604	50970	03216	85360			396	00060	050	+	+	+	+				
Leeming	257	91708	03434	00801	9////	01103	89///			257	81706	07424	03402	862//	01219	88704			257	00021	000	FFFF	ff	ff	ff				
Tynemouth	262	82015	32052	00302	855//	01003	88620			262	82012	32052	02903	864//	02216	88714			262	00031	000	+	+	+	+				
Carlisle	222	71608	59216	98905	6567/	03011	81630	86656	87360	222	81903	20512	02204	853//	04221	83708	88615		222	97051	000	ro	ro	ro	do				
Valley	302	71202	69606	98408	7842/	07114	81710	83612	86616	302	40000	74016	02205	12402	04224	81815	84070		302	92091	005	ro	ro	ro	+				
Ringway	334	81407	56046	99805	6547/	02109	86618	88359		334	71404	56046	02804	15532	02221	81624	84359	86075	334	91051	000	ro	ro	ro	ro				
Squires Gate	318	71613	30216	99305	4733/	04111	83709	87359		318	81707	24616	02604	4547/	04222	81710	84638	88360	318	91051	000	ro	ro	ro	ro				
Ronaldsway	204	13105	83011	98009	18431	04113	81712			204	13605	70010	01701	12501	00223	81822			204	00091	041	+	+	+	+				
Mull of Galloway	131	50000	63022	97107	32501	05108	83825	85080		131	20000	80020	00807	22600	03224	82830			131	00091									
Eskdalemuir	162	81702	48616	99003	872//	02011	85705	88709		162	80000	28506	02603	872//	02323	88703			162	92031	000	ir	ro	ro	do				
Prestwick	135	61709	58046	97607	48541	06214	81822	84635		135	11207	40041	01502	10930	02226	81360			135	00091	057	+	+	+	+				
Abbotsinch	140	81103	56046	97306	864//	04113	88710			140	70000	50042	01405	754//	03327	83712	86618		140	00071	001	+	+	+	+				
Leuchars	171	81802	56616	98404	854//	03111	82616	88622		171	80000	15585	01703	852//	03222	81705	84712	88635	171	02051	000	ro	ro	ro	ro				
Dyce	091	82008	56606	98405	854//	03207	83711	87614	88618	091	82111	56606	01005	854//	03220	81712	87624		091	97051	000	iro	iro	iro	iro				
Lerwick	005	71617	80022	98907	7847/	02801	81818	87628		005	81819	69616	00106	883//	04311	82707	88626		005	02071	000	iro	iro	ro	ro				
Wick	075	51806	74016	96806	25672	03210	82640	83362		075	11905	69011	99505	15632	02219	81640			075	00071	027	+	+	+	+				
Sule Skerry	010	71419	80026	94107	735//	05216	87920			010	32309	82011	98908	38500	06223	82825	83630		010	97080									
Cape Wrath	049	61805	83022	94607	4553/	03219	84625	86360		049	31803	83021	98307	22530	03220	82825			049	00081	020	+	+	+	+				
Stornoway	026	32011	84028	94308	32500	06218	83828			026	62011	82038	98307	684//	05221	81818	86632		026	91091	022	pro	pro	pro	pro				
Benbecula	022	11710	80158	94108	19400	05222	81919			022	23012	85258	98507	28400	06224	81818			022	02091	032	pro	pro	pro	pro				
Tiree	100	22010	81018	94709	29500	05212	81920			100	72708	75808	99507	5946/	06228	85917			100	01101	030	pro	pro	pro	pro				
Aldergrove	917	11805	66021	97605	16330	02108	81707			917	61905	62011	01404	653//	03225	83709	84626		917	93062	047	+	+	+	ro				
Malin	980	41712	83038	95207	48500	04207	82820	84645		980	33113	82258	99309	33400	06230	83918			980	9310	040				ro				
Belmullet	976	63118	75805	98309	634//	06217	82716	85920		976	73324	65808	05908	794//	06243	84717	86920		976	0310	018				ro				
Birr	965	62307	81031	99707	656//	04003	86636			965	52706	70258	02907	595//	05226	83820	83632	81920	965	9709	042								
Dublin	969	32610	80020	98905	10932	02111	81360	83070		969	42607	65011	01906	45600	05221	84635			969	9707	052								
Shannon	962	62815	80808	00509	635//	06103	84925			962	43113	80258	04309	495//	06331	83620	83924		962	0109	025								
Roche's Point	952	13113	70028	01808	19400	04011	81917			952	13219	75010	04208	19400	05234	81917			952	0309	068								
Valencia	953	53215	80028	03809	53500	05212	85923			953	70126																		

Code FM 21.D	OCEAN WEATHER STATION REPORTS at 12h.														OCEAN WEATHER STATION REPORTS at 18h.														
O.W.S.	99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	Q <sub>C</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGI <sub>w</sub>	Nddff	VVwwwV	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	D <sub>2</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>d</sub> T <sub>d</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	O.W.S.	99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	Q <sub>C</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGI <sub>w</sub>	Nddff	VVwwwV	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> C <sub>H</sub>	D <sub>2</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>d</sub> T <sub>d</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>
A	99621	70331	30124	80117	97702	13752	854//	00822	87615	88633	06558	10533	30805	04903	A	99621	70332	30184	80812	98027	05400	854//	00640	87615	88638	06055	10564	30703	03006
B	99563	70501	30124	82510	96105	79504	863//	00323	88707	////	0//04	10478	30201	10909	B	99564	70505	30184	80337	96686	92801	5732//	81295	85708	88454	0//01	10468	30706	07909
C	99526	70352	30123	73052	97806	00909	785//	00312	83320	87640	0//07	10819	30504	18008	C	99525	70353	30183	42439	97018	03017	12540	00310	81820	84360	0//01	10819	31011	////
D	99440	70409	30124	72513	98022	21614	75600	00221	87636	////	0//08	11589	30705	19706	D	99440	70409	30184	32811	98012	22714	15601	00304	81635	840//	0//10	11575	30703	19706
E	99350	70480	30124	11408	98020	21619	11501	00213	81820	////	0//17	12029	30000	30105	E	99350	70480	30184	31708	98020	21620	21502	00502	82820	////	0//17	12042	30301	29005
I	99591	70189	30124	73230	98018	10904	784//	00120	83822	83627	0//51	10948	30908	34211	I	99590	70188	30184	73110	98022	12504	755//	00004	87627	////	0//53	11024	30201	32208
J	99527	70206	30124	63117	98032	19608	69400	71003	82915	84620	05702	11160	30604	34907	J	99525	70203	30184	72713	98022	19509	78500	61603	83820	87635	05602	11191	30402	34907
K	99449	70160	30124	73230	98028	22513	785//	71217	81820	87640	0//07	11586	31310	////	K	99450	70164	30184	53223	97012	24312	58400	71217	82816	83646	0//06	11852	31110	////
M	99651	10020	30124	70720	96808	04106	6956//	00719	86930	////	05503	10862	30406	////	M	99651	10018	30184	61210	97158	01706	5956//	00711	85930	////	05303	10836	30101	99505

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



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

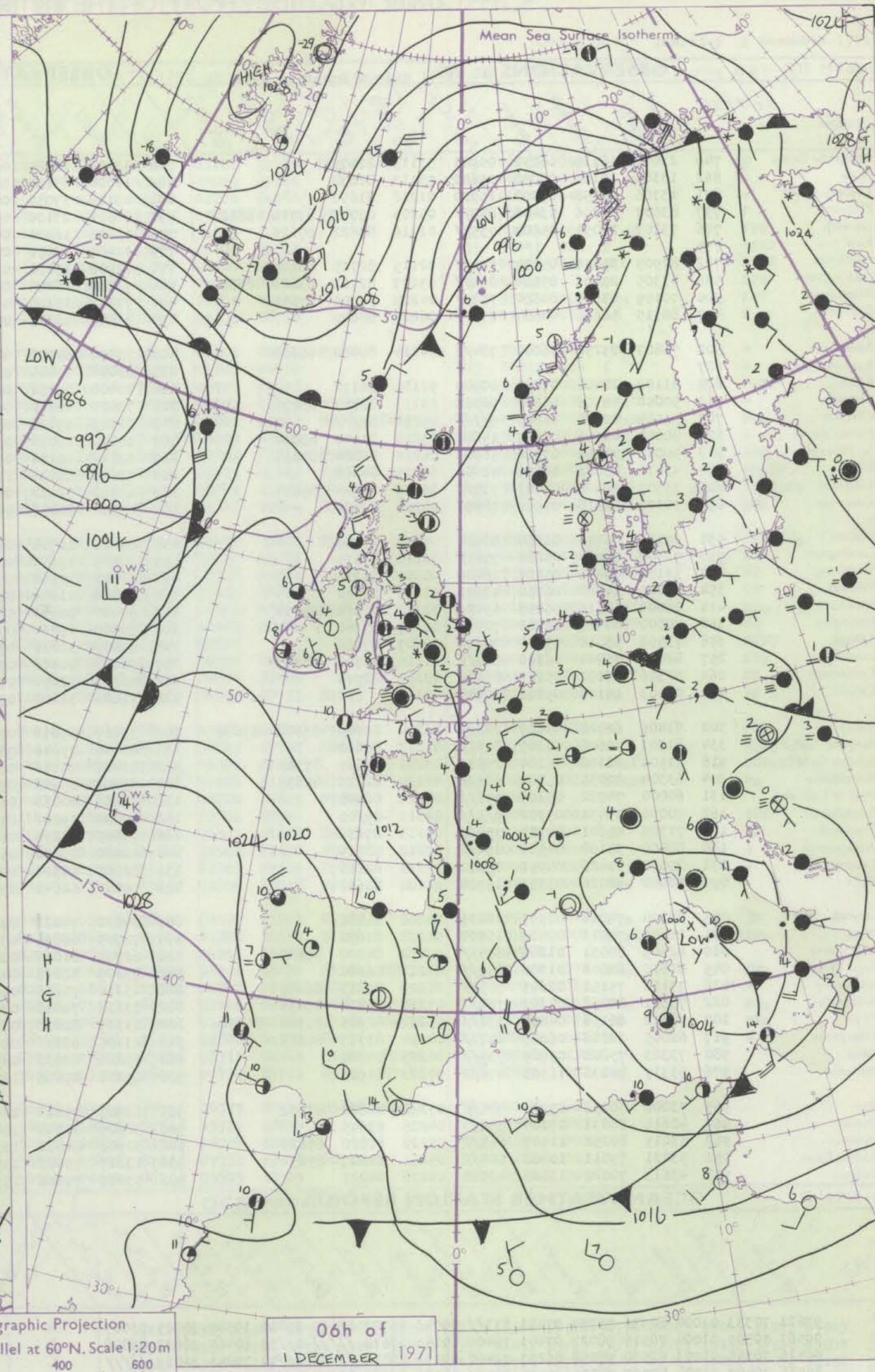
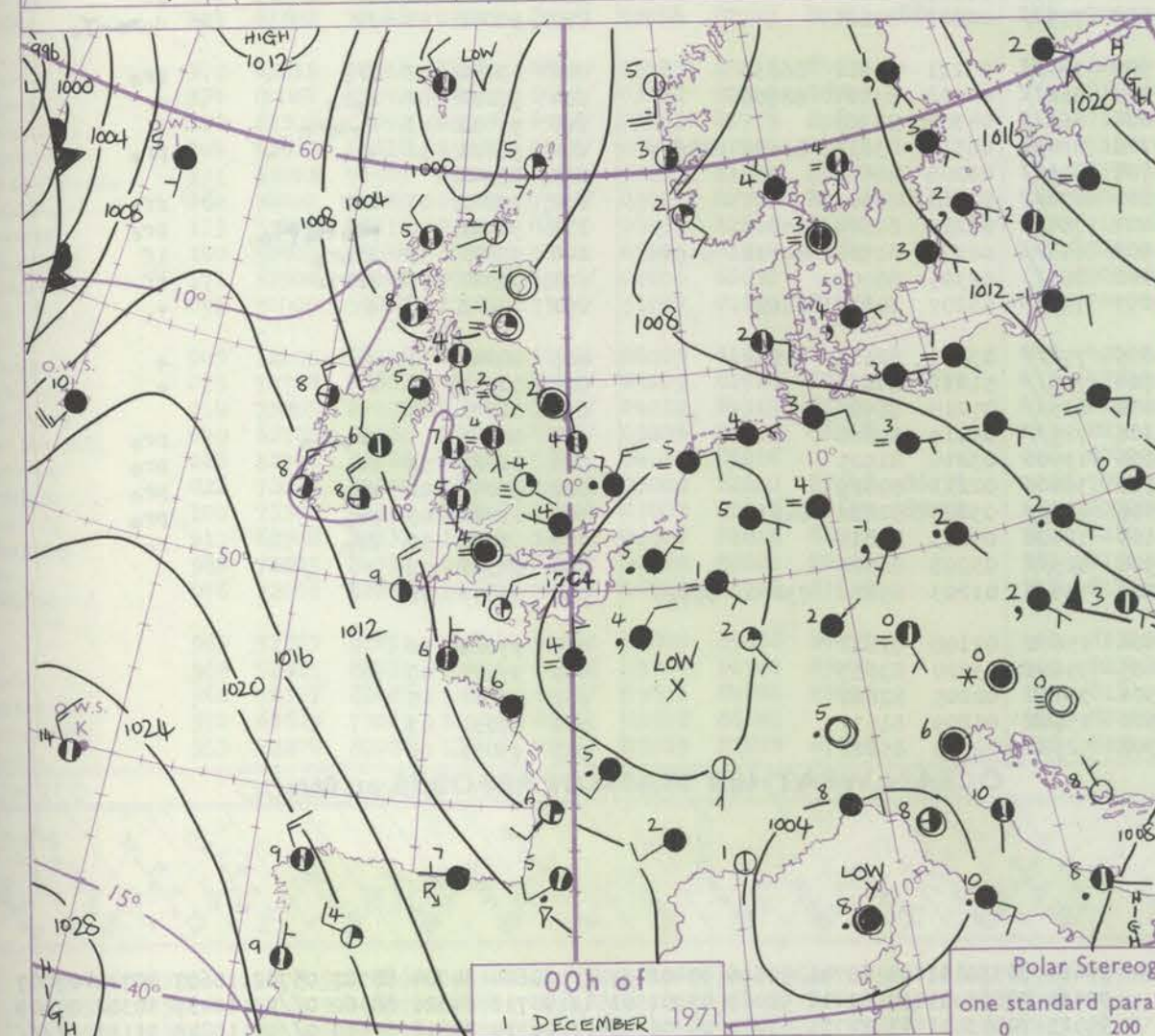
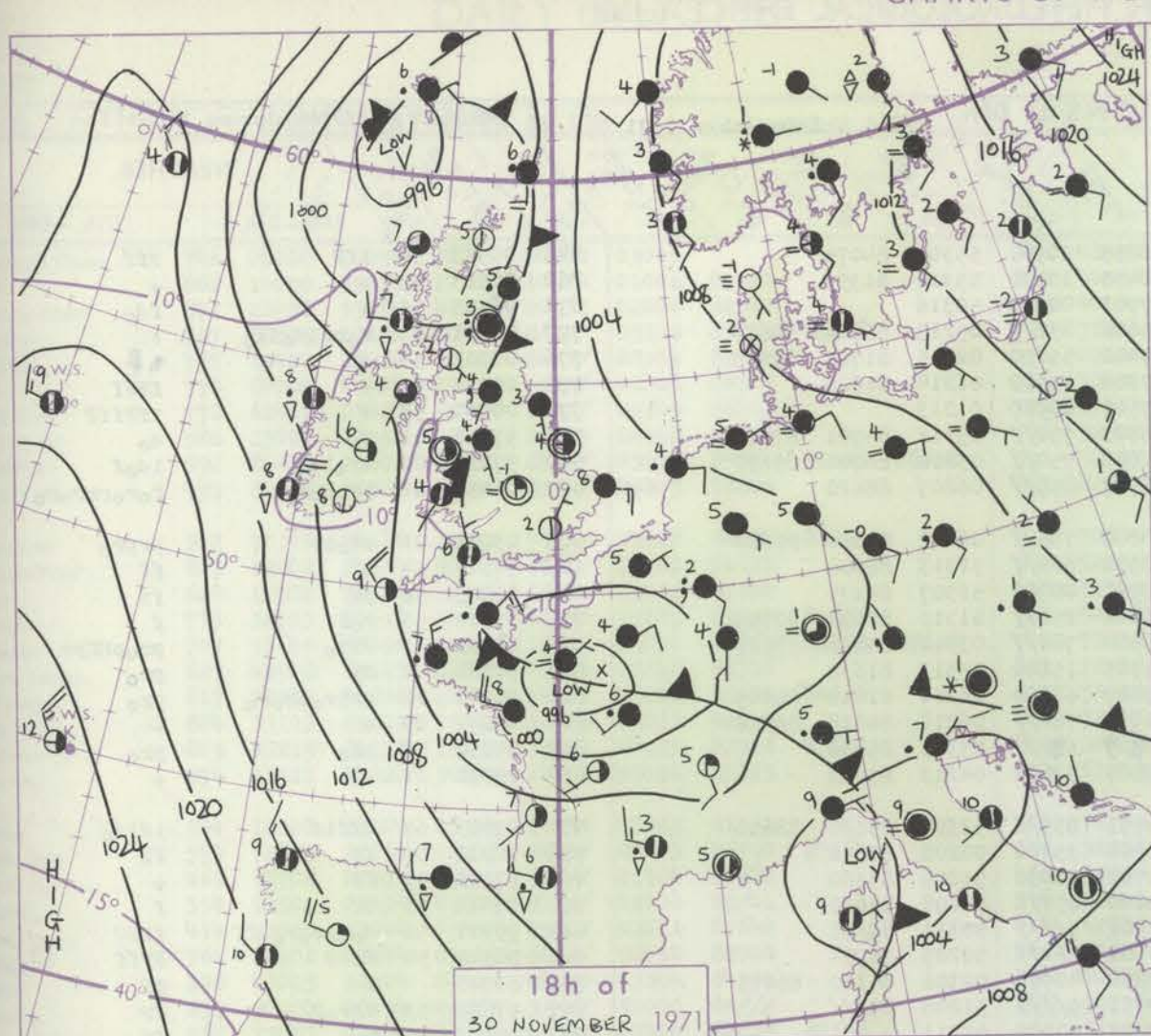


12 h of  
30 NOVEMBER 1971

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



# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPSIS DEVELOPMENT

A complex trough of low pressure from a low west of Scotland to a low near Cherbourg to another low over northern Italy is now moving east, the northern low moving northeast, and the southern lows southeast. As the trough moves east a ridge of high pressure from east Iceland to west Ireland will take its place over the United Kingdom. A low 500 miles southwest of Iceland is moving slowly northeast

and its occluded front is following the ridge and is expected to lie north/south along the west coast of Ireland tomorrow morning by which time the axis of the ridge is expected near the Greenwich meridian. By this time also the eastern trough of low pressure is expected to lie from north Norway to Germany to Italy.

Issued at midday 1 December December 1971



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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		1 December 1971										1 December 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>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> T <sub>h</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	23006	16110	06252	00901	53113	82075			746	43203	02484	08855	00901	55309	84075			746	00553	59	iff	fff								
Hurn	862	13303	30100	06052	15600	53113	81630			862	10000	25100	08455	10930	55310	81359			862	00563	59	+	+								
Thorney Island	871	13306	40050	05502	15700	01218	81650			871	03106	37050	07901	00900	50316			871	01503	55	+	fd									
Manston	797	83607	56206	03406	853//	05205	83707	83710	88622	797	83611	23106	05606	852//	05213	86704	88618		797	01051	02	rorridoir	+								
Gatwick	776	73207	20051	05203	755//	01116	83622	87626		776	53203	16101	07402	55200	02215	81705	85618		776	00001	53	+	+								
Kew	775									775	12901	17051	07302	15500	01214	81626			775	00011	53	+	ffff								
Heathrow	772	82905	35051	05404	854//	02115	82715	88625		772	02908	15101	07501	00900	01213				772	00001	53	+	ifffff								
Honington	586	83305	23106	05104	854//	03107	82712	83620	88650	586	73208	16205	06803	750//	03111	84701	87618		586	97021	01	do	do								
Wattisham	590	70109	23606	04604	753//	04208	83706	87650		590	73411	14106	06603	750//	03210	86701	85650		590	97031	02	ir	idof								
Gorleston	497	80315	58616	04307	855//	06206	88620			497	83507	58216	05907	855//	06207	88620			497	01052	02	ir	rororo								
Aberporth	502	71807	83252	06005	784//	04214	84818	86630		502	73320	80028	08208	785//	06207	82820	86630		502	03021	01	propr	prpro								
Ross-on-Wye	627									627	80000	03444	08350	863//	51313	88708			627	97521	54	+	ff								
Filton	628	41102	20401	07051	00909	52114	84178			628	40000	09411	08951	00909	52307	84175			628	00533	56	ff	ff								
Rhoose	715	50000	50106	06503	36438	03113	82712	85270		715	73402	40104	08801	2563/	01310	82638	87359		715	97001	55	rof	f								
Chivenor	707	91004	00475	06605	9//	05214	89//			707	71203	59028	08904	784//	03312	84818	87627		707	03031	01	FFro	proPHRpr								
Mount Batten	827	40000	48106	06803	15601	03218	81640	83070		827	10000	20254	09303	15600	03313	81630			827	91021	51	ff	pro								
St. Mawgan	817	50000	74258	07106	58503	06218	82824	84635		817	63417	66158	09809	68400	06214	82818	85645		817	04041	00	prprophoro	pro								
Scilly	804	43418	83021	08809	42400	06225	84818			804	73519	83031	11910	784//	06216	84818	86628		804	00071	05	+	+								
Culdrose	809	73303	69808	07007	735//	06219	85924	85630		809	63414	72028	09809	684//	05315	85818			809	04052	50	pro	pro								
Guernsey	894	30108	82016	05907	38500	02228	82827			894	63308	80031	08307	52432	04213	85818			894	00050	01	+	+								
Elmdon	534	21102	03444	06854	00901	54212	82070			534	80000	10704	08551	855//	52309	85620	88650		534	97553	60	ffiff	ifiso								
Cardington	559	72702	07464	06201	756//	01210	87635			559	32505	13104	08200	35700	00208	83650			559	00531	56	ff	ff								
Wittering	462	13105	09444	05701	16400	00209	81710			462	32907	17104	07700	30930	51206	83360			462	97511	53	ff	+								
Watnall	354	50000	14284	06750	40972	51215	84360			354	70000	11284	08200	655/2	50208	86620			354	97513	55	ff	f								
Shawbury	414	80000	14616	06203	6542/	02112	86618	88550		414	90000	00456	08401	9//	50311	89700			414	95501	52	do	rororiff								
Finningley	360	70000	04424	06201	7093/	01109	87360			360	80000	05424	07600	862//	50205	88704			360	00511	54	ffff	ffff								
Kilnsea	396	73508	58012	05804	7097/	02209	87360			396	63009	32012	07802	40971	02306	84360	86075		396	00010		+	ff								
Leeming	257	82002	05444	06302	860//	01110	83701	88703		257	92002	00476	07751	9//	51208	89//			257	97533	53	ffroF	FF								
Tynemouth	262	82306	37102	05503	864//	02209	88714			262	02303	32051	07202	00900	01211				262	00511	52	+	ff								
Carlisle	222	01403	18105	05802	00900	02114				222	71803	32104	07403	755//	02307	87624			222	97001	54	ff	do-T								
Valley	302	71406	62028	05407	783//	06214	83708	83812	87628	302	73417	69258	07909	784//	07211	84812	86630		302	03051	03	pro	pro								
Ringway	334	81303	40606	06303	855//	01212	88622			334	80000	25046	08203	862//	02208	83704	88706		334	97031	02	ro	+								
Squires Gate	318	71506	26106	06104	2557/	03216	82625	87362		318	81405	24102	08004	863//	04307	88708			318	97031	03	ro	+								
Ronaldsway	204	63304	80031	05704	685//	02220	82820	85635		204	83009	65802	07708	884//	06310	83816	83628	88650	204	93031	52	+	pro								
Mull of Galloway	131	60000	74022	05105	656//	05220	86645			131	83211	80038	06707	8092/	06208	88460			131	03041											
Eskdalemuir	162	90000	05434	05702	9//	02310	89700			162	80000	19504	07202	872//	02306	88703			162	97021	01	fff	ffido								
Prestwick	135	71705	45601	04704	756//	04113	87635			135	73505	68258	06407	784//	06210	81814	87640		135	93021	50	ro	pro								
Abbotsinch	140	80000	35102	04503	864//	03212	88714			140	60000	25046	05903	653//	02309	81708	84712	85625	140	97501	53	id	if								
Leuchars	171	20000	01486	04551	25400	51214	82616			171	82505	28104	05402	863//	02305	88709			171	00521	55	ffff	if								
Dyce	091	10000	68026	03551	15700	52208	81650			091	70000	62040	05053	755//	53207	84620	86625		091	00543	58	+	+								
Lerwick	005	32104	74016	01505	28433																										



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

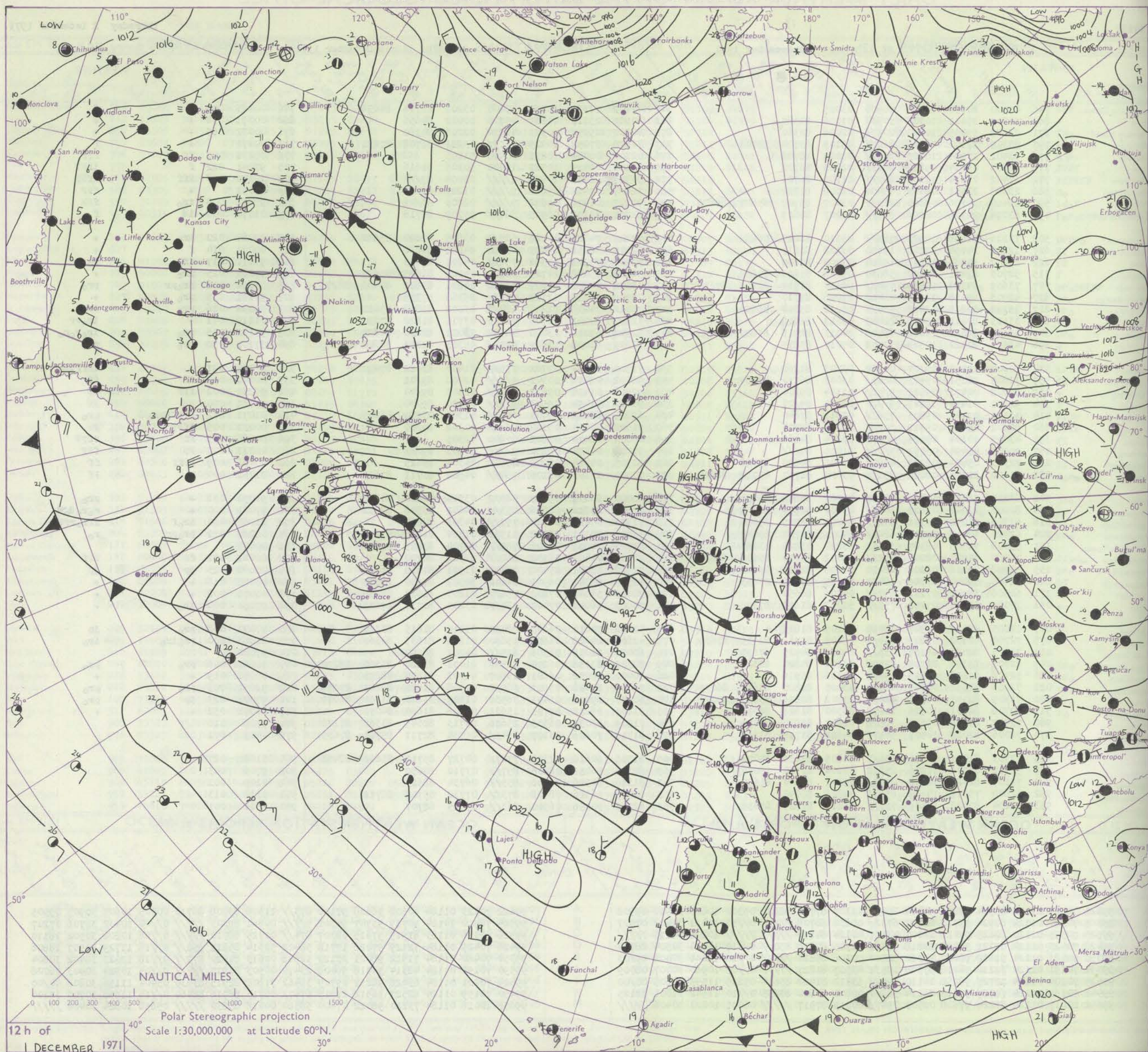
No. 40187

Date of Issue Thursday 2 December 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		1 December 1971										1 December 1971																			



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
mbols

UD  
Cloud  
Amount  
(oktas)

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

Obscured  
by fog or  
other data.

WHER  
Weather

Wind  
gusts

Wind snow

Shower  
and snow  
fall

Shower  
and snow  
fall  
Thunderstorm

ND  
Wind  
speed  
(knots)

Calm

1-2

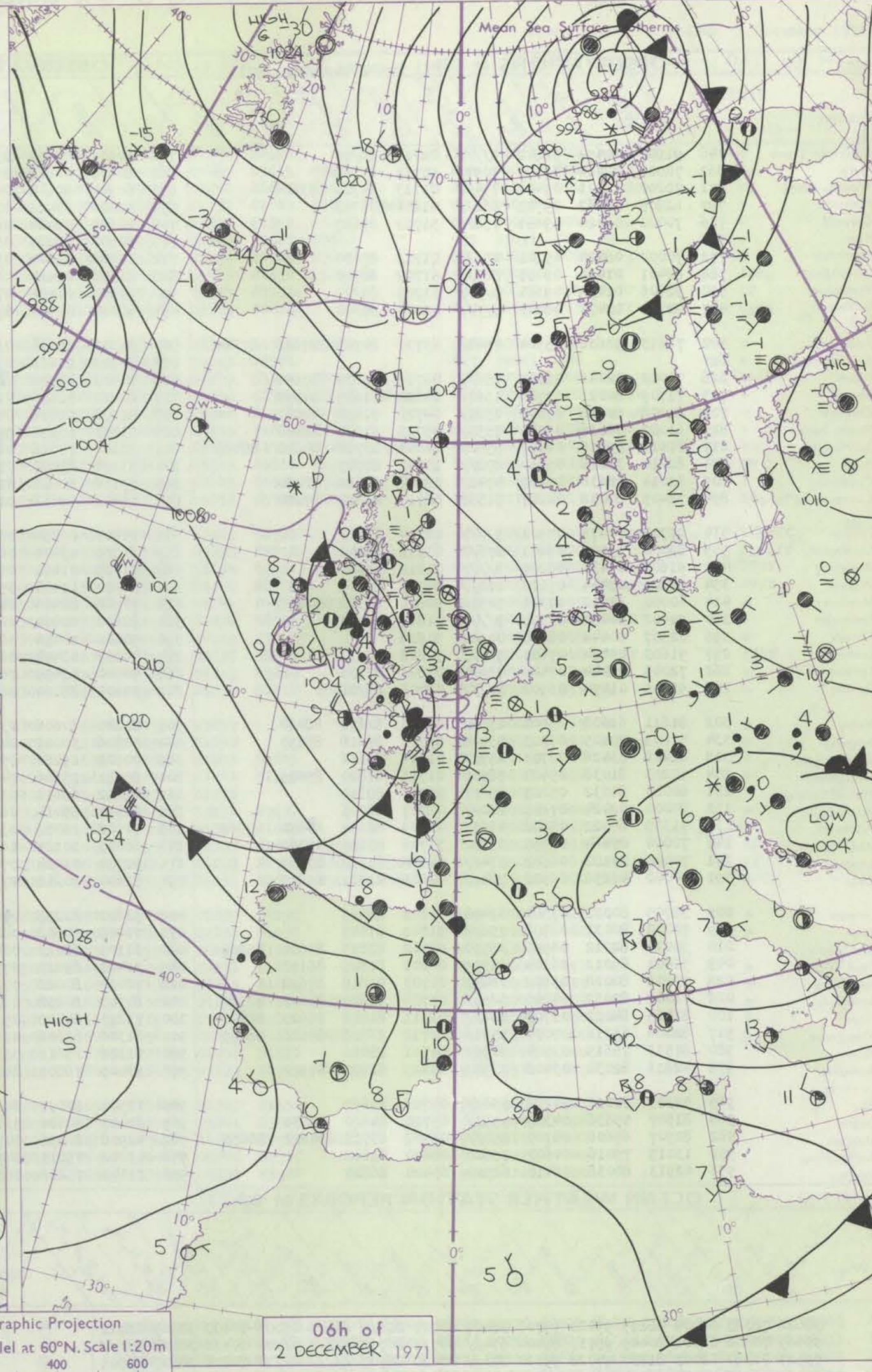
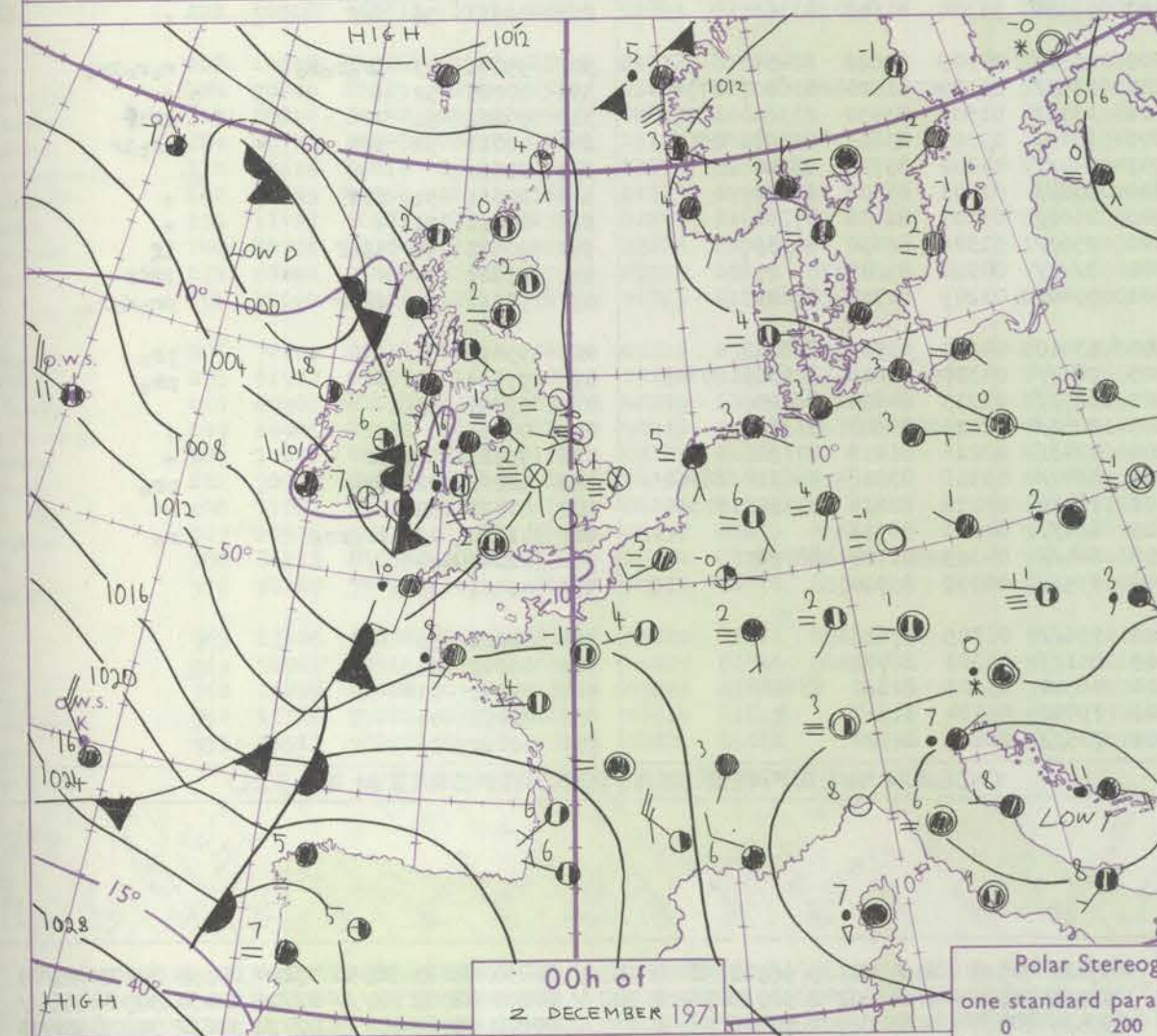
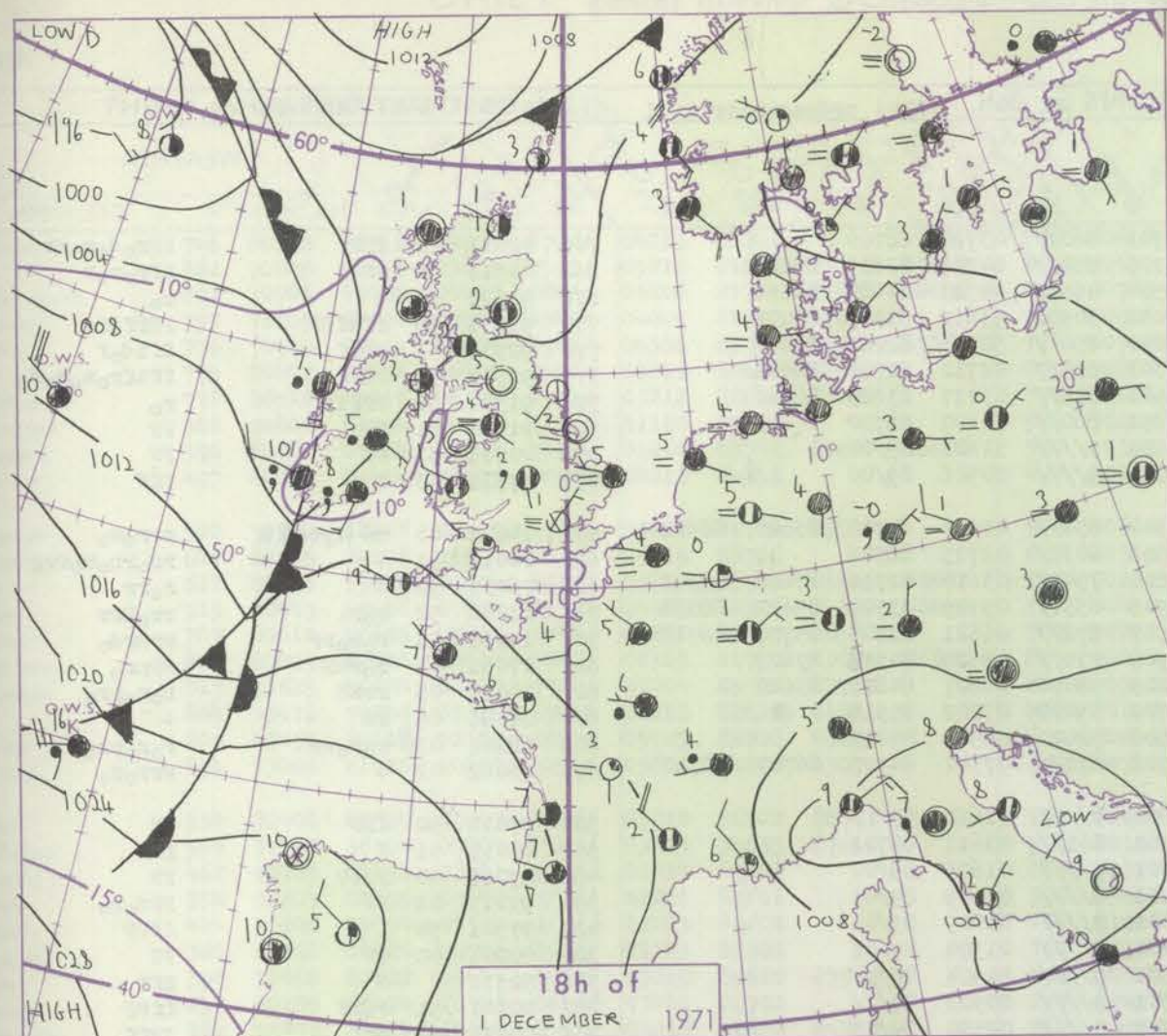
3-7

8-12

13-17

Additional  
data add

48-52



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

A small depression formed on the occluded front to the northwest of Ireland and moved rapidly southeast to the Channel while the large depression to the southwest of Iceland filled rapidly and also moved southeast towards Ireland. There has been a general pressure rise over central Europe as the small low over France

moved south to the low pressure complex over northern Italy and the depression off northwest Norway moved steadily away northeastwards. During the next 24 hours a ridge will move across the British Isles from the west as the Channel depression moves towards southern France.

Issued at midday Thursday 2 December 1971



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

OBSERVATIONS at 00h. 2 December 1971										OBSERVATIONS at 06h. 2 December 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> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</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>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	91907	00454	08802	9////	02715	89/00			746	80910	02604	03703	860//	03724	88700				746	02011	51	fff	FFRo <sub>0</sub> Ro <sub>0</sub> fr
Hurn	862	70000	02464	09001	7097/	50715	87362			862	80805	40614	03105	854//	04732	83615	88627			862	04511	52	ff	ffRo <sub>0</sub> Ro <sub>0</sub>
Thorney Island	871	70000	15101	09402	754//	01713	84710	87656		871	60905	50102	04504	4553/	04723	84624	86358			871	97511	53	+	Ro
Manston	797	62805	08462	09701	662//	01804	86703			797	50000	05414	07052	30932	53612	83360	84072			797	91531	55	ffiff	FFffif
Gatwick	776	70000	08424	09651	758//	51713	87657			776	80605	09424	06050	850//	50716	82701	88656			776	92531	53	FFff	ffidof
Kew	775									775	80803	18284	05303	854//	02712	81716	88634			775	91501	51	FFff	ffifRo <sub>0</sub> Ro <sub>0</sub> Ro <sub>0</sub>
Heathrow	772	70000	08424	09101	756//	01713	87630			772	80706	22604	05503	855//	03717	83625	88640			772	91501	52	FFff	Ro
Honington	586	82401	01424	09051	860//	51709	88700			586	81503	01424	06851	860//	51607	88700			586	91514	51	FF	FF	
Wattisham	590	92806	01454	09351	9////	51705	89/00			590	91902	01434	07151	91111	51607	89/00			590	00511	51	FF	FF	
Gorleston	497	92710	00474	08801	9////	01400	89/00			497	90000	02454	07001	91111	00506	89/00			497	97511	53	F	FFf	
Aberporth	502	71613	58636	05504	7543/	03730	84712	87628	87360	502	81316	59616	01904	854//	03506	84710	85620	88632		502	14032	03	RRRo <sub>0</sub> RR	RRRo <sub>0</sub> Ro <sub>0</sub>
Ross-on-Wye	627									627	80503	24616	03503	8032/	02725	88508				627	04011	51	+	RRRo <sub>0</sub> Ro <sub>0</sub> RRo <sub>0</sub>
Filton	628	70000	32046	08304	756//	03718	81635	87656		628	80403	48636	03804	7542/	03618	82710	87618	88542		628	06031	50	+	RoRR
Rhoose	715	71709	80021	07705	1567/	04822	81635	87359		715	80813	58636	01905	6532/	05729	83707	85622	88558		715	13012	52	RoR	RRoRRR
Chivenor	707	81008	60618	07005	2561/	04728	81630	88461		707	81308	56516	00507	872//	06621	82705	85707	88710		707	14051	03	RoRoRR	RRRRo
Mount Batten	827	81002	56636	08005	7551/	05728	87620	88460		827	73313	62256	99909	734//	08528	84918	87629			827	17051	03	RoRRR	RRRo
St. Mawgan	817	81614	59636	06407	5542/	06741	83710	84620	88459	817	53120	74016	01209	58400	06607	84815	83625			817	10051	05	RRRR	RoRoRo
Scilly	804	82010	32616	05610	872//	10747	88705			804	53118	81026	03709	59400	07202	85918			804	04081	05	RR	+	
Culdrose	809	82014	58636	07108	4742/	08744	83710	88460		809	53116	80016	02508	52400	06502	85815			809	08061	03	RoRoRR	RoRoRo	
Guernsey	894	72405	80038	10207	31538	04715	83825	87270		894	81619	58616	02708	872//	07741	84705	86707	88710		894	16062	02	+	RRRo
Elmdon	534	91702	00475	07902	91111	02714	89/11			534	91403	00454	05001	91111	01610	89/11				534	97011	52	FFf	FF
Cardington	559	80000	19104	08801	856//	01711	88640			559	81105	03424	06103	861//	03611	88701				559	00011	51	f	ff
Wittering	462	91603	01434	08201	91111	01812	89/00			462	91305	01454	06001	91111	01609	89/00				462	97011	00	FFff	FF
Watnall	354	82301	03444	07603	860//	03713	88701			354	90704	01454	05403	91111	03609	89/01				354	91011	02	FF	FFRo
Shawbury	414	60000	37112	07301	50938	50816	85362	86275		414	90906	00474	04501	91111	01609	89/01				414	97501	54	+	ffFF
Finningley	360	91402	00454	07301	91111	01815	89/01			360	90802	00474	06201	91111	01504	89/01				360	00001	00	FF	FF
Kilnsea	396	02507	00444	08650	00900	50808				396	90000	00454	06501	91111	51504	89/11				396	92511		F	ff
Leeming	257	91603	03434	07601	91111	50808	89/11			257	90000	03474	06501	91111	00502	89/11				257	00001	51	FFff	ffFF
Tynemouth	262	72003	08444	07403	756//	03806	87635			262	90000	03454	06703	91111	02500	89/03				262	00021	51	ff	FFff
Carlisle	222	91405	01474	06902	91111	02705	89/01			222	30604	38104	06151	15650	51304	81640	83363			222	00513	56	FFf	+
Valley	302	81611	62608	05606	2552/	04720	82622	88460		302	80802	80606	03505	2552/	04503	82628	88459			302	95041	03	RoRoRo	RoRoRo
Ringway	334	51603	20105	07303	55402	03713	82618	85650		334	70806	30041	04803	3553/	01509	81620	83640	87360		334	00021	52	+	+
Squires Gate	318	61406	03426	06701	657//	01714	86656			318	70808	15284	05001	35758	01503	83650	83360	86275		318	00001	51	FF	ffif
Ronaldsway	204	50203	81036	05403	58500	01716	81820	85625		204	80911	75606	04206	88411	03303	83815	85620	88630		204	02011	52	RR	RoR
Mull of Galloway	131	80000	84032	05207	856//	01717	88640			131	81212	66612	03907	854//	04302	85715	88640			131	02051			
Eskdalemuir	162	80000	02424	07201	860//	01707	88701			162	80305	59034	06302	853//	01301	85708	88625			162	00011	51	FFf	+
Prestwick	135	71305	65022	05802	4563/	01709	82634	88650	87362	135	71108	58052	05503	2563/	03307	82636	87362			135	00011	51	+	+
Abbotsinch	140	70000	07464	05951	3573/	51706	83656	86362		140	60000	30104	06100	2563/	51308	82630	86359			140	00523	56	iff	if
Leuchars	171	70000	37102	06502	754//	02804	81712	87650		171	92704	01434	07001	91111	00308	89/02								



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40188

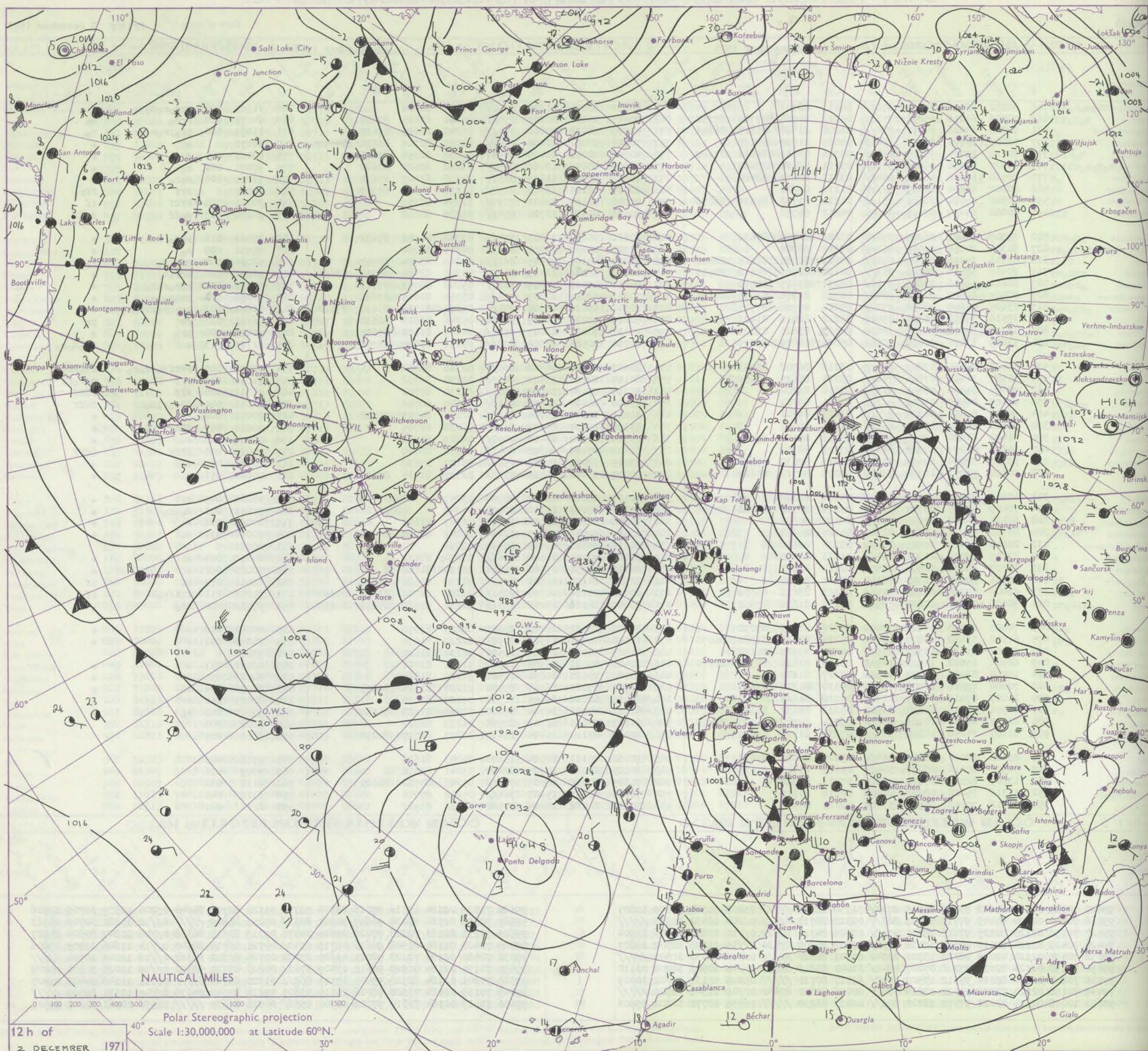
Date of Issue      Friday    3 December 1971

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



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

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and snow  
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Shower

Shower

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Wind  
speed  
(knots)

Calm

1-2

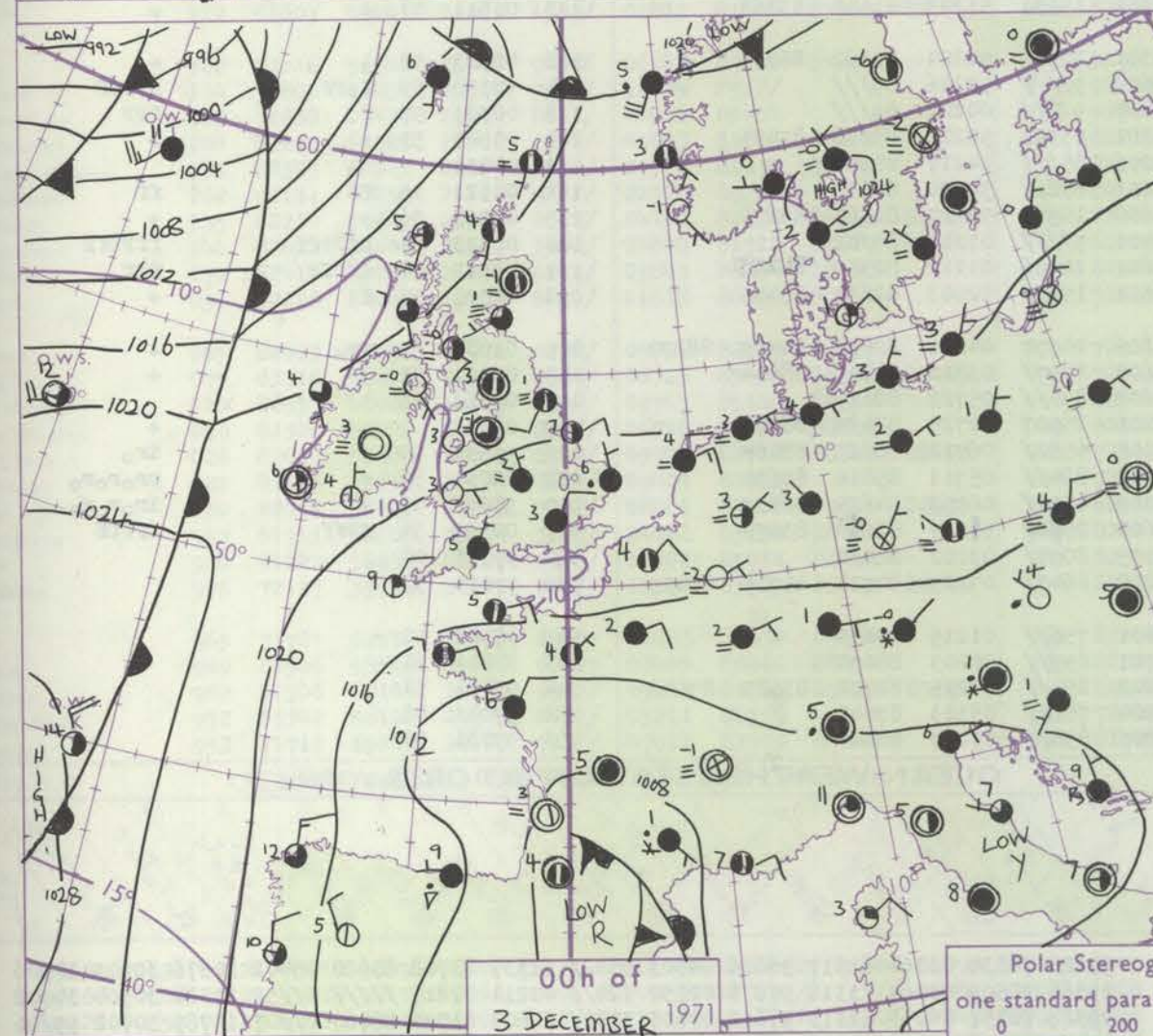
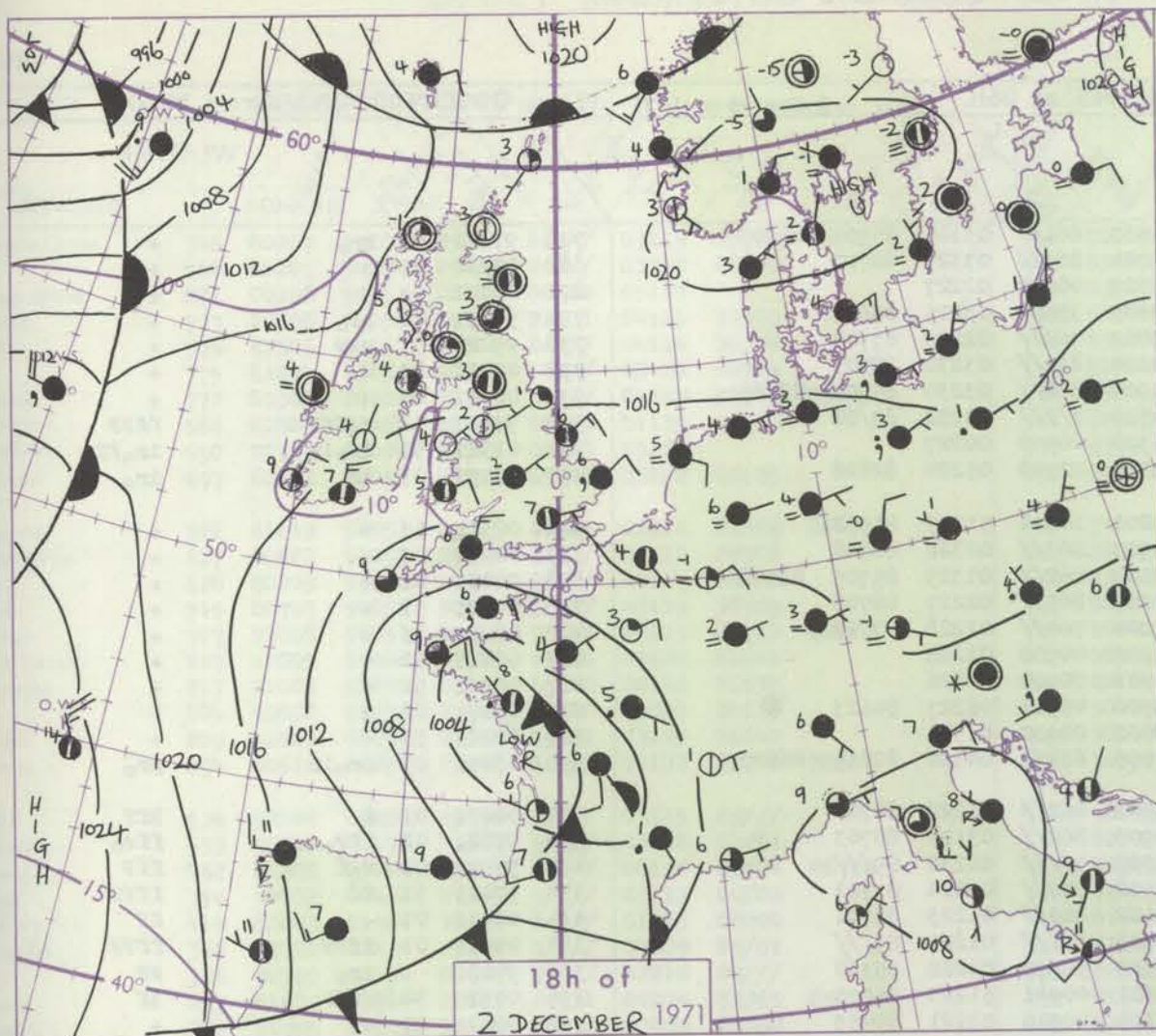
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8-12

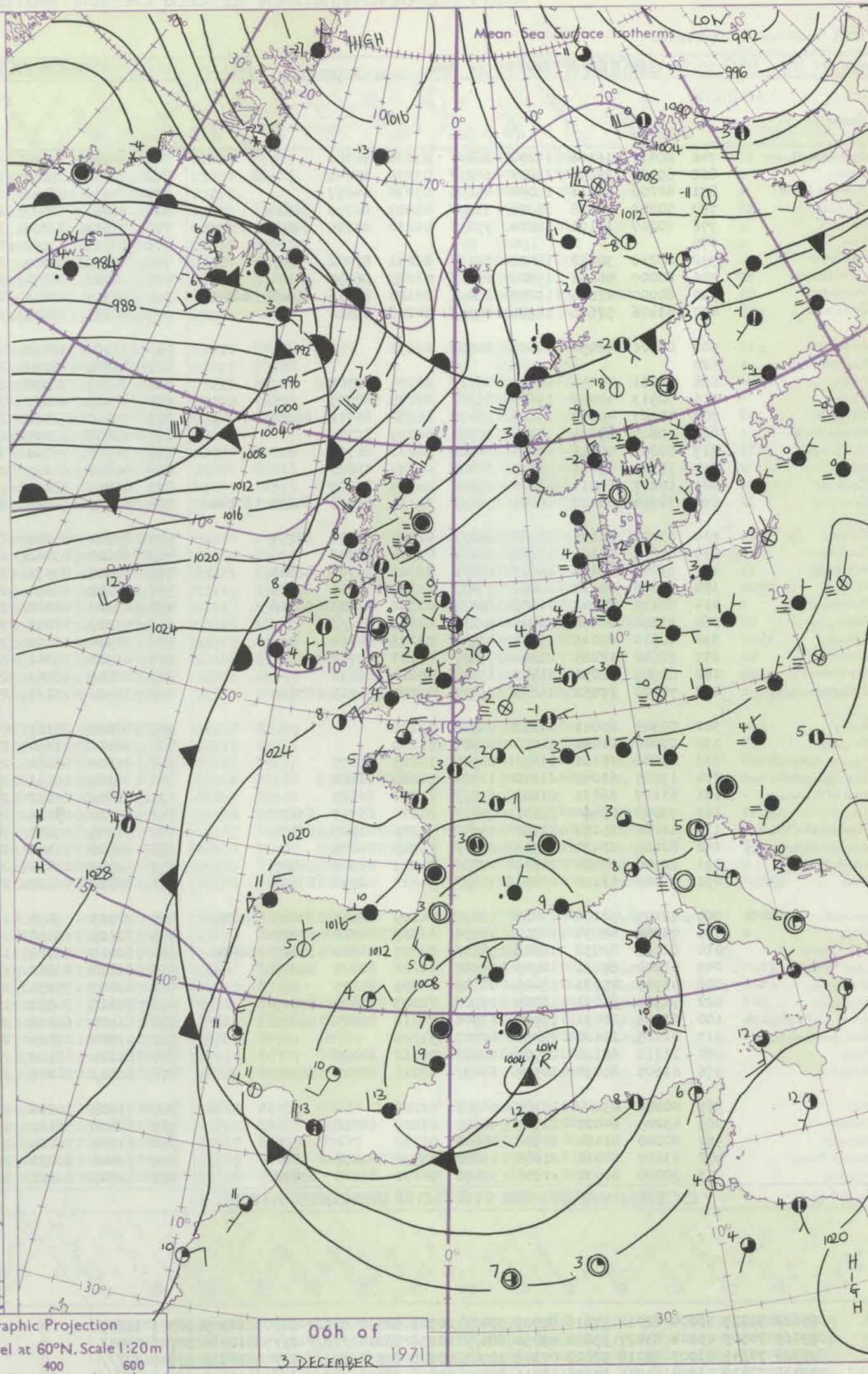
13-17

Additional  
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48-52



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600



Issued at midday Friday 3 December 1971

## GENERAL SYNOPTIC DEVELOPMENT

The shallow low over the Brest peninsula continued to move rapidly southeast. Meanwhile an anticyclone, linked by a ridge across northern Britain to the Azores high formed over southern Scandinavia. As a depression moved rapidly from south Greenland towards Iceland, the associated frontal system approached western

Scotland. During the next 24 hours the Scandinavian high, with a strong ridge extending southwestwards, will intensify and dominate most of the weather over the British Isles. Northern and central Scotland, however, will be affected by the passage of fronts moving quickly from the Atlantic towards Norway.



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

OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT													
3 December 1971										3 December 1971										3 December 1971													
Station										iii										iii										WEATHER			
	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>		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> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	21h.—03h.	03h.—09h.									
Boscombe Down	746	80412	16106	19203	860//	03236	88701			746	80208	23102	24503	861//	03325	85702	88703		746	97021	02	1r <sub>o</sub>	+										
Hurn	862	60108	25055	18804	663//	03236	86706			862	80107	35052	24204	863//	03327	88707			862	00031	01	+	+										
Thorney Island	871	40206	37111	18004	45800	03230	84657			871	00211	48051	23303	00900	02227				871	00021	51	+	+										
Manston	797	70209	62028	18006	753//	05225	82709	86613		797	30206	58038	22805	35600	03225	83640			797	97051	00	pr <sub>o</sub>	+										
Gatwick	776	70207	19101	18304	752//	04230	83705	84626	87650	776	73504	22106	23702	762//	02229	87704			776	95021	51	ro <sub>r</sub>	+										
Kew	775									775	83503	23052	24204	862//	03230	88703			775	00031	02	+	+										
Heathrow	772	80210	30052	18803	861//	02231	88702			772	83406	30102	23904	862//	03230	85703	88705		772	00031	00	+	+										
Honington	586	60000	06466	19401	656//	01225	86630			586	92702	00474	24500	9////	00232	89/01			586	97511	52	ro <sub>ff</sub> ff	ffff										
Wattisham	590	80000	17626	19203	854//	02126	83616	87623	88650	590	00102	07466	24300	00900	00227				590	01501	52	1r <sub>o</sub> 1r	1r <sub>o</sub> ff										
Gorleston	497	83406	57606	18906	854//	04208	88618			497	20411	58051	23507	22500	05224	82828			497	02051	01	1r	1r <sub>o</sub>										
Aberporth	502	00806	40051	20403	00900	01232				502	11508	48050	25201	10930	51223	81362			502	00513	55	+	+										
Ross-on-Wye	627									627	83504	48052	25503	863//	02326	88708			627	00021	02	+	+										
Filton	628	80211	40056	20403	862//	02234	88704			628	80307	32052	25103	862//	01325	85705	88708		628	00031	01	+	+										
Rhoose	715	80513	40052	19803	863//	02235	88707			715	80408	60022	25203	863//	02227	88708			715	00021	51	+	+										
Chivenor	707	70707	40052	19106	56430	04230	85712	86360		707	70805	56052	25004	764//	02228	87712			707	00011	53	+	+										
Mount Batten	827	20607	59031	18305	20930	04235	82360			827	00000	62020	24202	00900	01228				827	00013	52	+	+										
St. Mawgan	817	60807	50051	19005	66300	04232	86708			817	00708	40101	24303	00900	02226				817	00011	52	+	+										
Scilly	804	30309	79011	18409	32500	05230	83820			804	40408	61011	23508	45500	06227	84623			804	00071	02	+	+										
Culdrose	809	10207	60011	18005	15500	04233	81625			809	00303	56100	23002	00900	01321				809	00011	53	+	+										
Guernsey	894	70710	80022	16005	784//	04334	82818	84625	87640	894	60315	56056	21006	624//	04326	82815	84820		894	03051	05	pr <sub>o</sub> 1r	pr <sub>o</sub>										
Elmdon	534	83405	11105	20902	860//	02225	85700	88701		534	83602	30044	25402	862//	01222	88703			534	00021	01	f	fff										
Cardington	559	80205	14106	19803	862//	03325	88703			559	80105	03466	24903	862//	03124	88703			559	97021	02	ffr <sub>o</sub>	ffr <sub>o</sub>										
Wittering	462	83408	19604	19603	852//	02221	85703	88612		462	93508	01476	25002	9////	02230	89//			462	97021	01	rof	fff										
Watnall	354	73206	09414	20802	770//	02222	83701	87706		354	70102	02464	25402	770//	02224	87701			354	97011	51	ff	ffff										
Shawbury	414	80000	15042	21803	862//	01242	82705	88706		414	83203	08444	26102	860//	01223	88701			414	00011	01	+	ff										
Finningley	360	93208	01474	20702	9////	02119	89//			360	93203	00454	25301	9////	01220	89//			360	00011	01	ffff	ffff										
Kilnsea	396	40810	63016	19307	40970	06223	84360			396	50504	16102	24904	50970	04228	85360			396	97021		1r <sub>o</sub>	ff										
Leeming	257	72602	17284	21401	763//	01223	87708			257	61902	19044	25601	00901	51223	86075			257	00513	54	ffff	if										
Tynemouth	262	62909	48051	21405	656//	04224	86630			262	42608	48051	24804	40910	03221	84459			262	00021	50	+	+										
Carlisle	222	70000	17052	21603	754//	02223	81715	87625		222	31402	23101	25351	15631	51223	81640	83363		222	00511	53	+	+										
Valley	302	00308	20041	21103	00900	02226				302	60000	28101	25301	10936	01224	81362	86275		302	00503	52	+	+										
Ringway	334	00000	01464	21751	00900	51230				334	90000	01494	26652	9////	52226	89//			334	97533	55	f-ff	ffff										
Squires Gate	318	60000	15101	21651	00904	52225	86075			318	91504	01454	25800	9////	00222	89//			318	00533	57	f	fff										
Ronaldsway	204	13505	61041	21400	11501	51220	81822			204	70104	59111	25201	55702	50221	85656	87075		204	00501	53	+	+										
Mull of Galloway	131	61107	66031	21205	625//	04224	86825			131	81802	64022	24206	856//	04217	88640			131	00051													
Eskdalemuir	162	70000	09444	22101	754//	01220	85715	87632		162	80000	09444	25651	856//	52320	88635			162	00521	55	ff	ff										
Prestwick	135	41202	35101	21550	15632	51316	81640	83075		135	71505	59041	24600	10948	50220	81365	87275		135	00523	56	+	+										
Abbotsinch	140	60000	08421	21501	654//	01213	86616			140	90000	01474	24401	9////	01218	89/01			140	00523	54	ffffff	ffffff										
Leuchars	171	62506	07421	21501	45702	01213	84650	85075		171	62509	07414	23601	20936	01112	82362	86275		171	00513	54	ffff	fif										
Dyce	091	70000	11104	21451	754//	51210	82712	87630		091	80000	50102	22651	1567/	52003	81630	88465		091	00521	55	f	+										
Lerwick	005	72107	58101	19805	58438	04105	82815	84645	86270	005	82015	59058	18206	25577	04611	82625	84459	88270	005	01031	52	pr <sub>o</sub>	+										
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# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40189

Date of Issue Saturday 4 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
3 December 1971										3 December 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>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>h</sub> T <sub>h</sub> E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	80207	19102	29204	860//	03119	83701	88702		746	80205	23102	32703	862//	02225	88703				746	00051	000	+	1f
Hurn	862	80207	50052	29205	863//	03222	88707			862	83603	40102	32304	863//	03222	88706				862	00051	000	+	+
Thorney Island	871	00106	50051	28207	00900	05117				871	03507	23050	31903	00900	03223				871	00071	041	+	+	
Manston	797	20508	57051	27508	22501	04115	82825			797	31104	26051	31604	35400	03224	83616				797	97091		+	FF
Gatwick	776	83506	18052	28505	862//	04116	88704			776	83502	16052	32004	863//	03222	88707				776	00061	000	+	+
Kew	775	83604	19052	28805	862//	03120	88704			775	80000	16052	32304	862//	03325	88703				775	00051	000	+	+
Heathrow	772	83305	20102	28705	861//	04119	82702	88703		772	83303	35052	32305	862//	03224	88705				772	00051	000	+	+
Honington	586	02803	01464	28902	00900	01115				586	92905	01434	32300	9//	00224	89/02				586	92021		FF	FF
Wattisham	590	00105	06424	28703	00900	03114				590	93406	00434	32450	9//	05224	89/00				590	00031	010	FFff	FF
Gorleston	497	60302	57051	28709	65500	06212	86625			497	00000	10101	31306	00900	05224				497	00091	041	+	ffF	
Aberporth	502	61612	58051	29003	10932	01011	81362	86075		502	71708	56052	31803	40938	02220	84360	87272			502	97051	054	+	1ro
Ross-on-Wye	627	80602	48052	29604	863//	02112	88708			627	82201	24052	32803	863//	02223	88708				627	00041	000	+	+
Filton	628	80205	56032	29904	863//	02117	88708			628	83002	40052	32804	863//	02221	84708	88710			628	00041	000	+	+
Rhoose	715	80707	50051	30004	863//	03119	88709			715	80101	45042	32803	863//	02322	88708				715	00051	000	+	+
Chivenor	707	71005	58051	29606	764//	03117	85712	86714		707	10000	50101	32603	00901	01225	81075				707	00071	020	+	ff
Mount Batten	827	10000	57040	29306	11400	03120	81818			827	00905	40040	32503	00900	02225				827	00073	055	+	+	
St. Mawgan	817	11005	58050	29206	15600	02118	81630			817	22104	40050	32804	00902	03226	82068				817	00073	069	+	1f
Scilly	804	40000	56050	29009	42400	05224	84818			804	30000	59011	32408	22402	05224	82818				804	00100	066	+	+
Culdrose	809	10601	58050	28606	15601	03125	81640			809	30000	40101	31903	12401	03223	81818	83075			809	97071	013	+	+
Guernsey	894	60612	66258	27008	623//	05122	82708	86818		894	30307	50051	31207	31400	04227	83816				894	01090	034	propro	+
Elmdon	534	92102	06454	29803	9//	03115	89//			534	92205	07434	32602	9//	02222	89//				534	00031	000	FFff	ff
Cardington	559	90202	02476	29304	9//	04118	89/01			559	82702	23104	32804	863//	04325	88708				559	00051	000	ff	+
Wittering	462	80302	05464	29104	862//	04116	83704	88710		462	82505	11104	32203	862//	03221	88704				462	00061	007	f	ff
Watnall	354	92402	00454	29503	9//	03113	89/00			354	92407	00434	31802	9//	02115	89/00				354	97031	000	FF	FFff
Shawbury	414	82603	02464	30002	860//	01215	88700			414	81903	23044	31803	862//	01217	83704	88706			414	00041	000	ff	f
Finningley	360	92102	01434	29004	9//	04209	89/01			360	82107	11284	31103	864//	03216	88710				360	00041	000	FFff	ff
Kilnsea	396	92910	00454	28902	9//	02216	89//			396	92512	00434	30702	9//	02217	89/00				396	97031	000	FF	FFff
Leeming	257	61607	03444	28002	20931	00008	82365	85075		257	81608	08424	29103	50937	02108	85362	88270			257	00041	013	fif	ff
Tynemouth	262	81905	11052	26505	8097/	02400	88358			262	82114	58022	27106	8092/	02601	88458				262	97061	001	+	pro
Carlisle	222	81603	48041	26703	1567/	02801	81648	83360 88465		222	82208	32616	27607	854//	05302	84715	86621 88650			222	01081	000	ro	roRodoRodoRo
Valley	302	72116	56041	28408	70976	06108	87360	87275		302	81920	61602	30308	8092/	06212	88459				302	97091	001	+	1ro
Ringway	334	91802	01454	29750	9//	51009	89//			334	91808	05434	31602	9//	02217	89/01				334	00021	000	FFff	ff
Squires Gate	318	81608	03424	29000	861//	00006	88702			318	91712	05454	30403	9//	03212	89//				318	91031	000	FFff	ffFodoRodo
Ronaldsway	204	82210	61042	27108	1547/	04003	81618	88463		204	82215	62606	29009	3547/	05308	81618	83656 88460			204	93101	000	1ro	roRodoRo
Mull of Galloway	131	82325	66022	26009	2262/	05304	82830	88460		131	82130	62608	26408	8092/	06203	88460				131	03081	000		
Eskdalemuir	162	92111	02454	26103	9//	02000	89/01			162	82114	04616	26805	870//	04306	88701				162	02061	000	ffFrRoror	ffRoro
Prestwick	135	82210	58602	25506	2567/	04104	82630	86360 88463		135	82211	35636	25507	7732/	06307	81707	83709 86712			135	04081	000	1roRoro	roRorridododo
Abbotsinch	140	82012	56604	24407	3542/	04000	81712	83620 88460		140	82119	56586	23508	7532/	06302	81707	85708 87634			140	960			



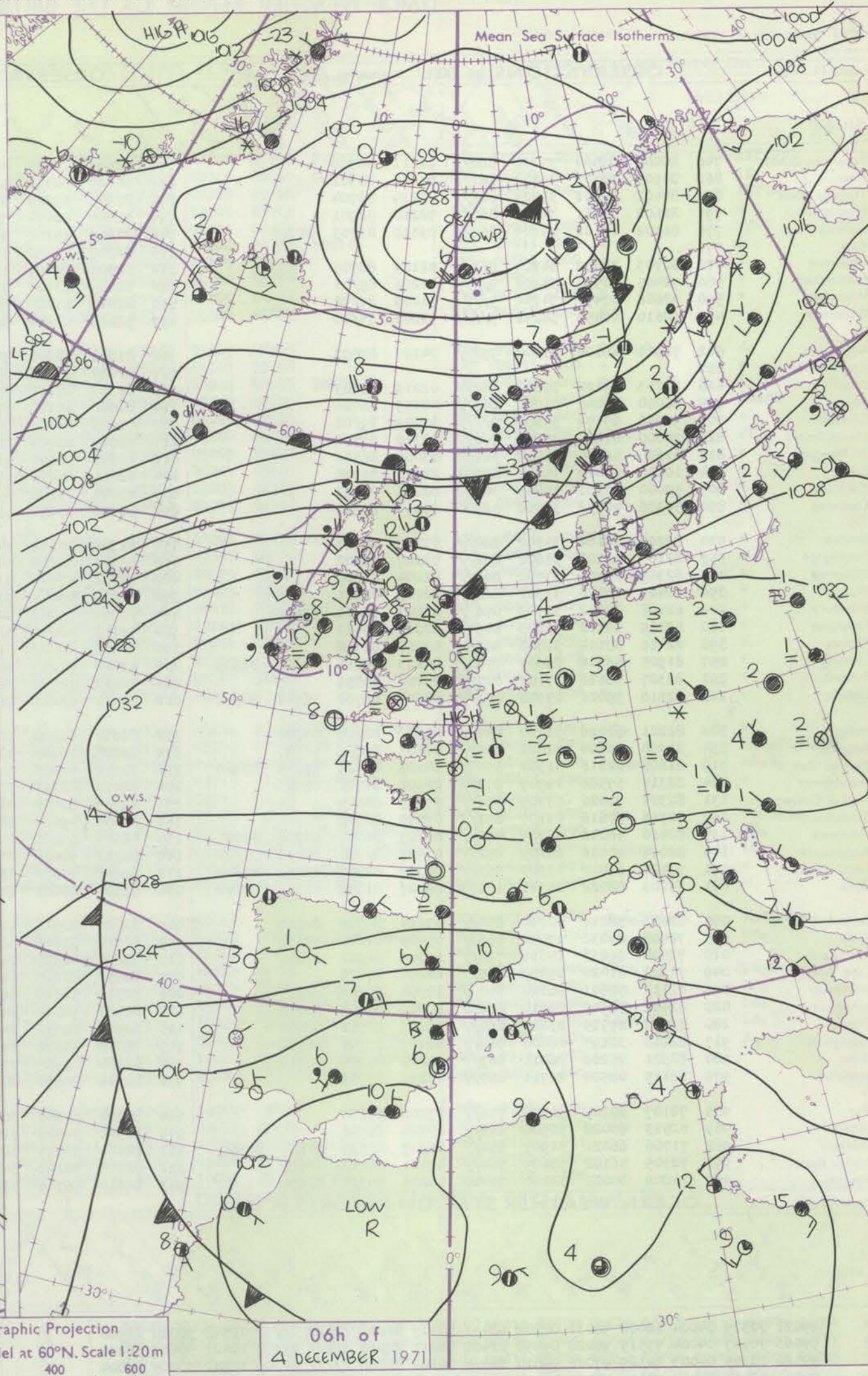
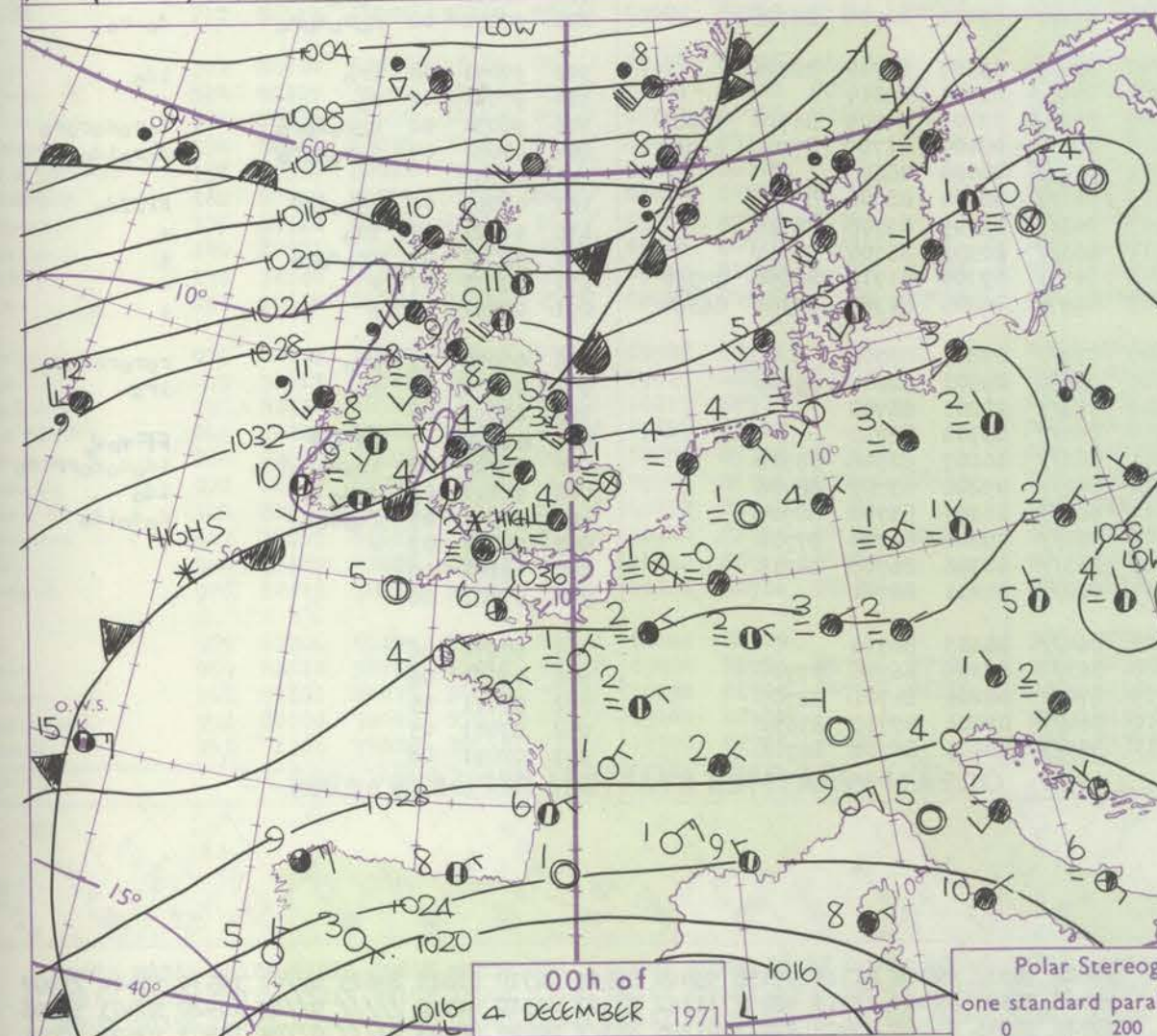
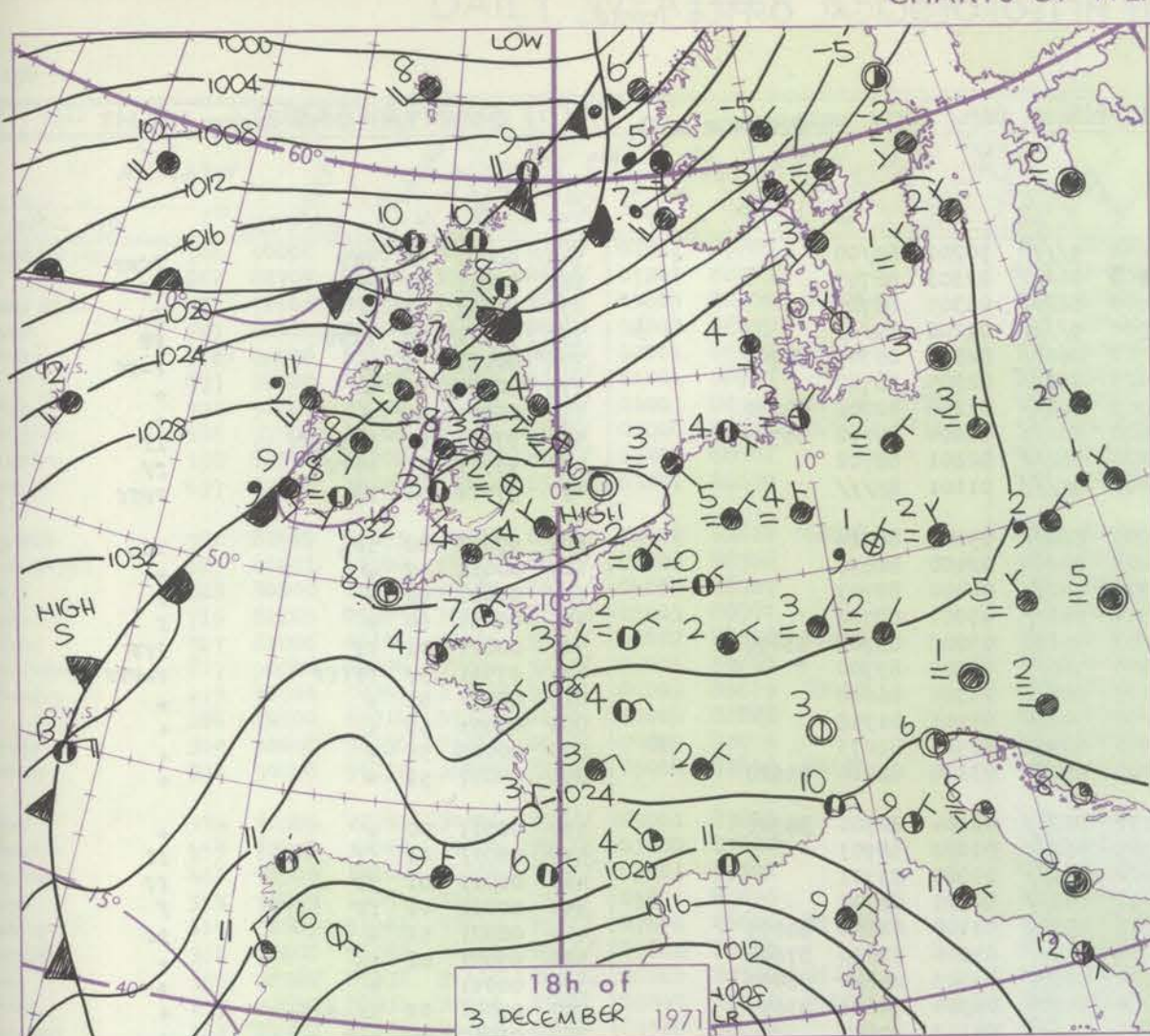
[illegible]

12 h of  
3 DECEMBER 1971

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



# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The almost stationary anticyclone to the northeast of Azores is expected to move east towards northwest Spain during the next 24 hours. An anticyclone over the eastern North Sea yesterday, continues to move southeast and is expected to be centred over east Germany by tomorrow morning, with an associated ridge linking across France to the high off northwest Spain. A complex depression over and to the west of Iceland

has moved quickly northeast towards northern Norway. It is followed by a wave depression, which developed over the central North Atlantic yesterday, and which is expected to be centred off northeast Iceland by tomorrow morning. Further wave depressions are expected to develop and follow in its wake. Associated frontal troughs moving east across the British Isles will remain weak in southern districts.

Issued at midday Saturday 4 December 1971



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

Code FM 11.D OBSERVATIONS at 00h. 4 December 1971										OBSERVATIONS at 06h. 4 December 1971										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	NC <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	iii	Nddff	VVwww	PPPTT	NC <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	8N <sub>5</sub> Ch <sub>5</sub> s	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	80000	03464	35201	860//	01211	88700			746	92504	02454	35650	9////	50202	89700			746	00501	50	fff		ffff	
Hurn	862	80903	18102	35802	861//	01216	88702			862	80000	06424	36003	862//	02303	88703			862	00011	01	f		ff	
Thorney Island	871	80402	19101	35504	862//	03214	88704			871	82905	13282	35904	862//	03305	88704			871	00031	52	+		f	
Manston	797	82602	01461	34802	860//	02210	88701			797	92305	00474	35301	9////	01206	897//			797	91011	00	ffff		FF	
Gatwick	776	81502	16102	35304	862//	03310	83703	88704		776	82606	15102	35702	860//	02306	85701	88702		776	00021	02	+		f-ff	
Kew	775									775	82307	17052	35103	861//	02305	88702			775	00021	02	+		+	
Heathrow	772	82703	35052	34904	862//	02109	88705			772	82506	22102	35303	860//	02206	82701	88702		772	00021	02	+		+	
Honington	586	92405	01504	34202	9////	02206	89701			586	82409	23105	33602	861//	02400	84702	88703		586	97011	01	FF1d <sub>0</sub> ff		ff	
Wattisham	590	92606	02494	34751	9////	51209	89700			590	82410	13284	34202	861//	02101	88702			590	97511	51	FFff		ff	
Gorleston	497	92610	00454	34251	9////	51208	89700			497	92410	02474	33401	9////	01101	897//			497	97511	51	FF		FFff	
Aberporth	502	71911	48106	33804	758//	04107	87657			502	81910	32102	34005	864//	05203	88714			502	97031	02	ir <sub>0</sub>		1d <sub>0</sub>	
Ross-on-Wye	627									627	22402	24051	34203	25601	02400	82630			627	00011	52	+		+	
Filton	628	81703	19102	35303	862//	02210	88703			628	82303	28102	35303	862//	02400	88703			628	00021	02	+		F	
Rhoose	715	80000	40042	35002	863//	02309	88706			715	80000	15102	35304	861//	03001	88702			715	00031	00	+		f	
Chivenor	707	91006	07474	35102	9////	02209	89701			707	71005	26104	35603	55130	03202	83702	83650		707	00021	01	ff		fff	
Mount Batten	827	70000	01424	35650	760//	50310	87701			827	70000	00444	36300	760//	00305	87700			827	97511	53	FFfff		F-FFf	
St. Mawgan	817	61608	56104	35103	60950	03209	86362			817	61606	48101	36103	654//	03304	86618			817	00011	52	+		+	
Scilly	804	10000	63020	35005	00901	04210	81075			804	10000	56010	35608	10930	05101	81358			804	00051	55	+		+	
Culdrose	809	50000	32101	35803	00902	02221	85072			809	10000	23101	35901	00901	01501	81073			809	00013	55	+		+	
Guernsey	894	50306	40052	34306	52500	04014	85820			894	60206	35052	35305	654//	03304	82710	85620		894	00041	51	+		+	
Elmdon	534	82208	16104	34302	860//	02207	88701			534	81705	17102	34102	860//	02304	82700	88701		534	00011	00	+		+	
Cardington	559	82105	12102	34602	861//	02107	88702			559	82307	16284	34501	862//	01002	88703			559	00011	01	ff		ff	
Wittering	462	82309	04464	33502	860//	01104	88700			462	82310	07444	33002	860//	01000	88701			462	00011	01	ff		ff	
Watnall	354	82407	04424	33302	860//	02005	88701			354	82609	09444	33002	861//	02301	88702			354	00011	01	ff		f	
Shawbury	414	62106	35042	32903	656//	01003	82633	85650		414	51202	18402	32803	25702	01400	82650	84075		414	00021	51	+		jf	
Finningley	360	82109	32212	31603	8091/	02002	88462			360	72107	40042	31404	755//	03500	82620	87644		360	97021	02	ro		+	
Kilnsea	396	82415	33104	31403	863//	03204	88708			396	82518	48022	31504	4557/	03503	84620	88460		396	00011		+		+	
Leeming	257	81905	56606	29607	7547/	04203	84616	85620	88359	257	43002	82016	29809	45400	06304	82613	83645		257	97041	02	ir <sub>0</sub> d <sub>0</sub> d <sub>0</sub>		+	
Tynemouth	262	82307	58618	27107	8072/	05802	88556			262	72617	74026	28010	756//	08103	87640			262	01061	05	ro <sub>0</sub>		+	
Carlisle	222	82510	59026	27908	853//	08601	83708	86714	88618	222	82512	58216	28910	872//	09105	82704	88706		222	97071	04	d <sub>0</sub> ro <sub>0</sub> d <sub>0</sub> ro		d <sub>0</sub> -ro	
Valley	302	82221	61026	31710	854//	07302	82614	88620		302	82216	61022	32810	854//	09307	83710	88616		302	97091	08	ir <sub>0</sub>		1d <sub>0</sub>	
Ringway	334	81708	35604	32603	855//	02103	86626	88640		334	81806	40046	32705	854//	03304	88614			334	97021	02	ro		+	
Squires Gate	318	81808	22216	31504	3547/	04103	81615	83640	88460	318	82510	56606	31908	853//	07205	84709	86714	88620		318	96031	02	ro <sub>0</sub> d <sub>0</sub> ro		d <sub>0</sub> ro <sub>0</sub> d <sub>0</sub> ro
Ronaldsway	204	82314	59586	29909	873//	08102	85706	88708		204	82411	68215	30909	872//	08004	81705	87707	88710		204	92081	07	d <sub>0</sub> ro <sub>0</sub> d <sub>0</sub> ro		d <sub>0</sub> ro <sub>0</sub> d <sub>0</sub>
Mull of Galloway	131	82324	70026	27709	856//	07303	88640			131	82323	84022	28909	856//	08004	88640			131	91081					
Eskdalemuir	162	82316	37616	27107	871//	07500	88702			162	82309	09426	28209	861//	08304	88702			162	01061	05	ro <sub>0</sub> ro <sub>0</sub> ff		FFff d <sub>0</sub>	
Prestwick	135	82410	56206	26709	872//	09305	82704	86706	88707	135	82513	68022	27910	863//	09109	83708	88710		135	91081	07	1d <sub>0</sub>		+	
Abbotsinch	140	82014	40586	25109	852//	08207	82705	85709	87624	140	82312	70026	26711	863//	10308	86708	88711		140	93081	07	ir <sub>0</sub> d <sub>0</sub> ro		+	
Leuchars	171	72420	61022	23309	753//	08307	82707	83709	87645	171	72618	74022	23612	6547/	09305	81710	86650	87362		171	00071	07	+		+
Dyce	091	73209	82022	20311	15678	06107	81635	86363	87270	0															



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

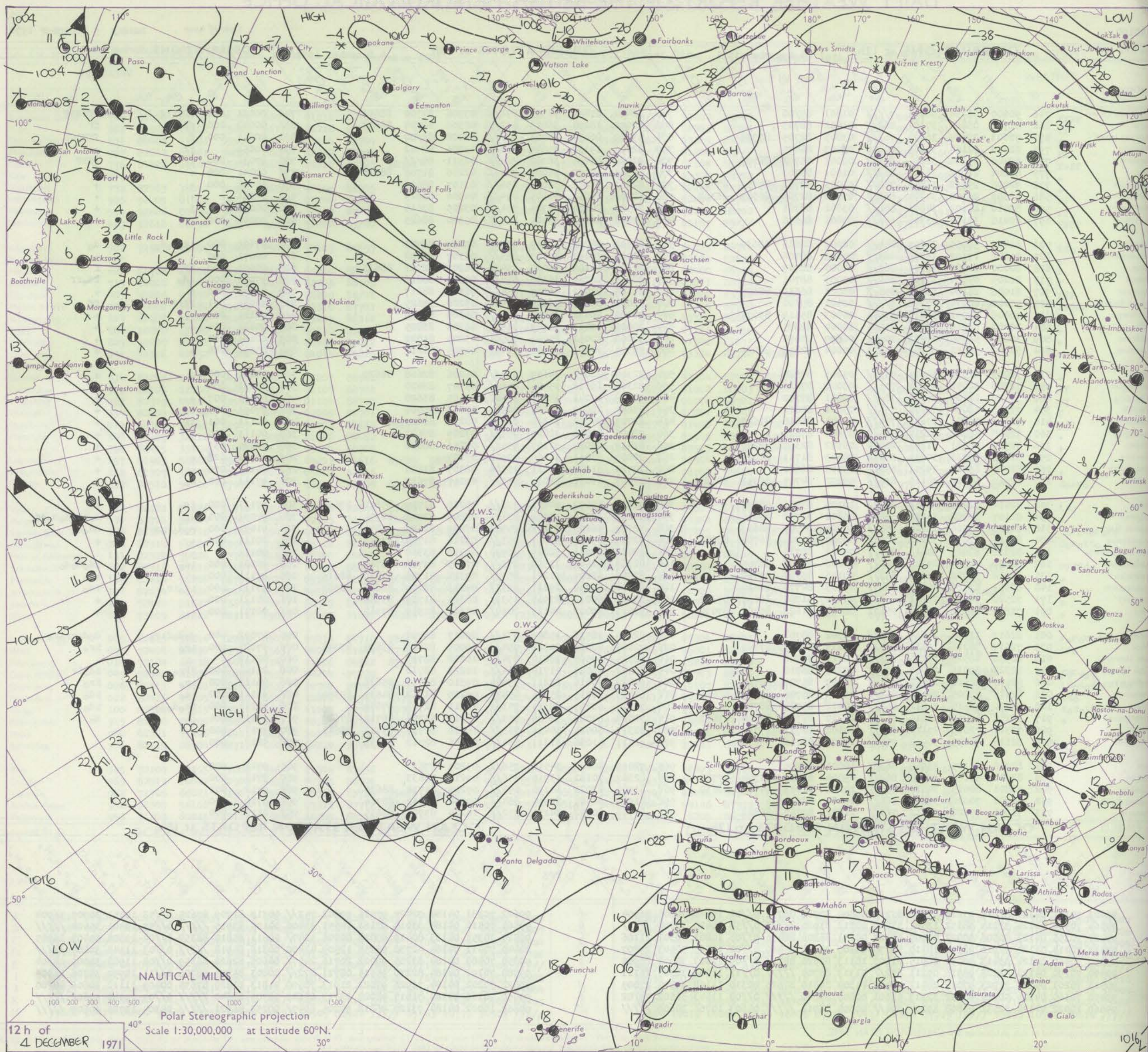
No. 40190

Date of Issue Sunday 5 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
4 December 1971										4 December 1971															

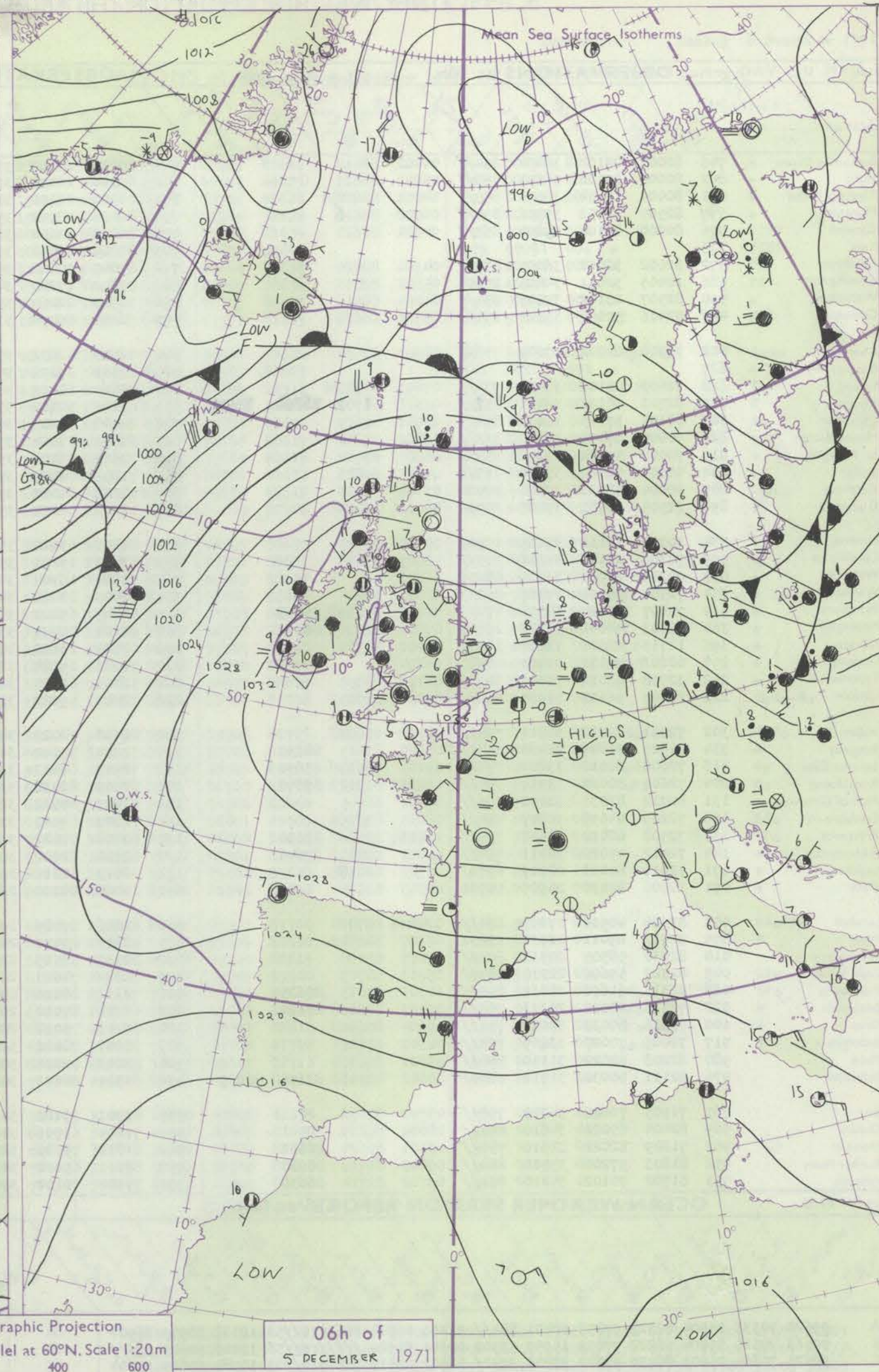
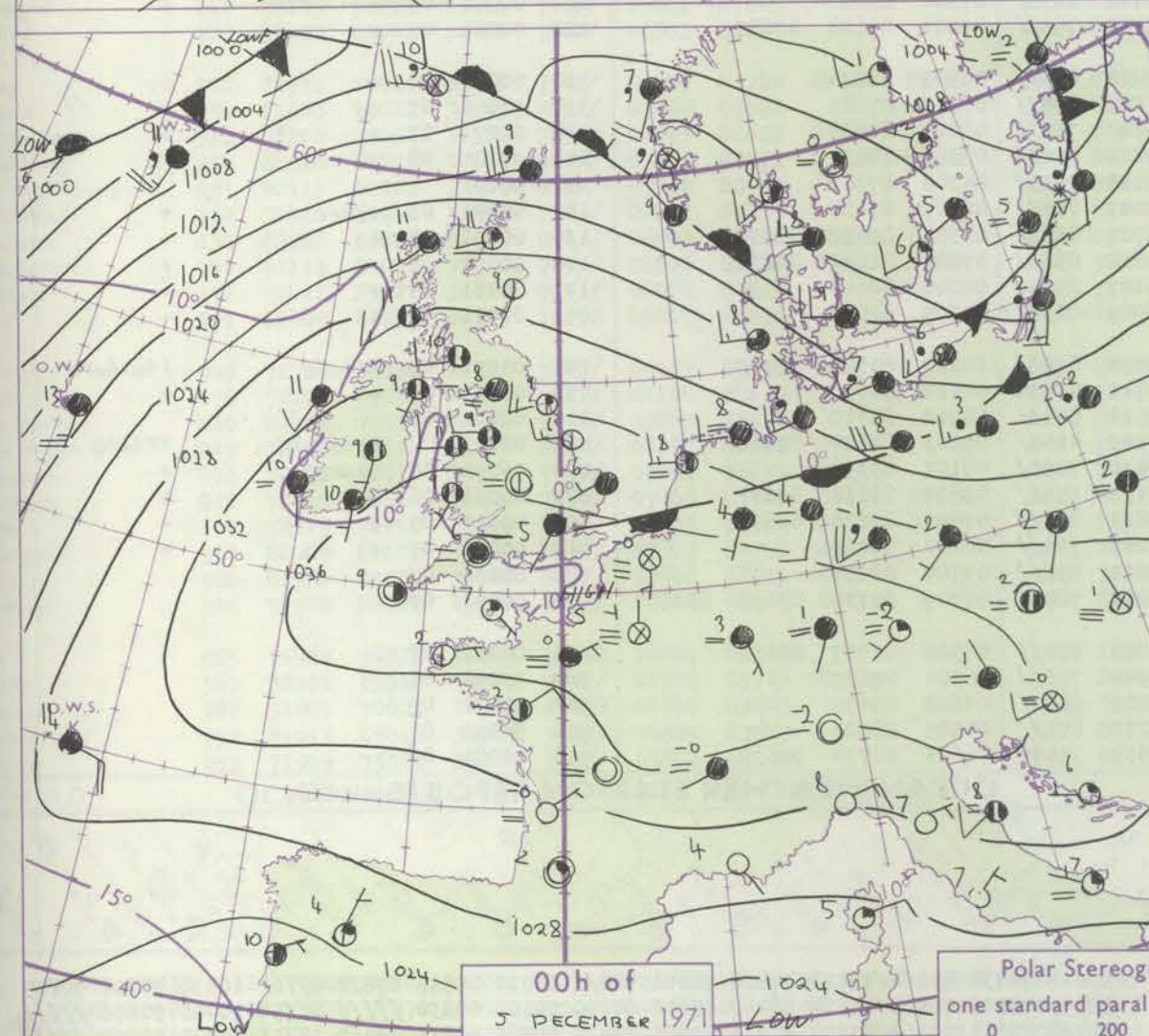
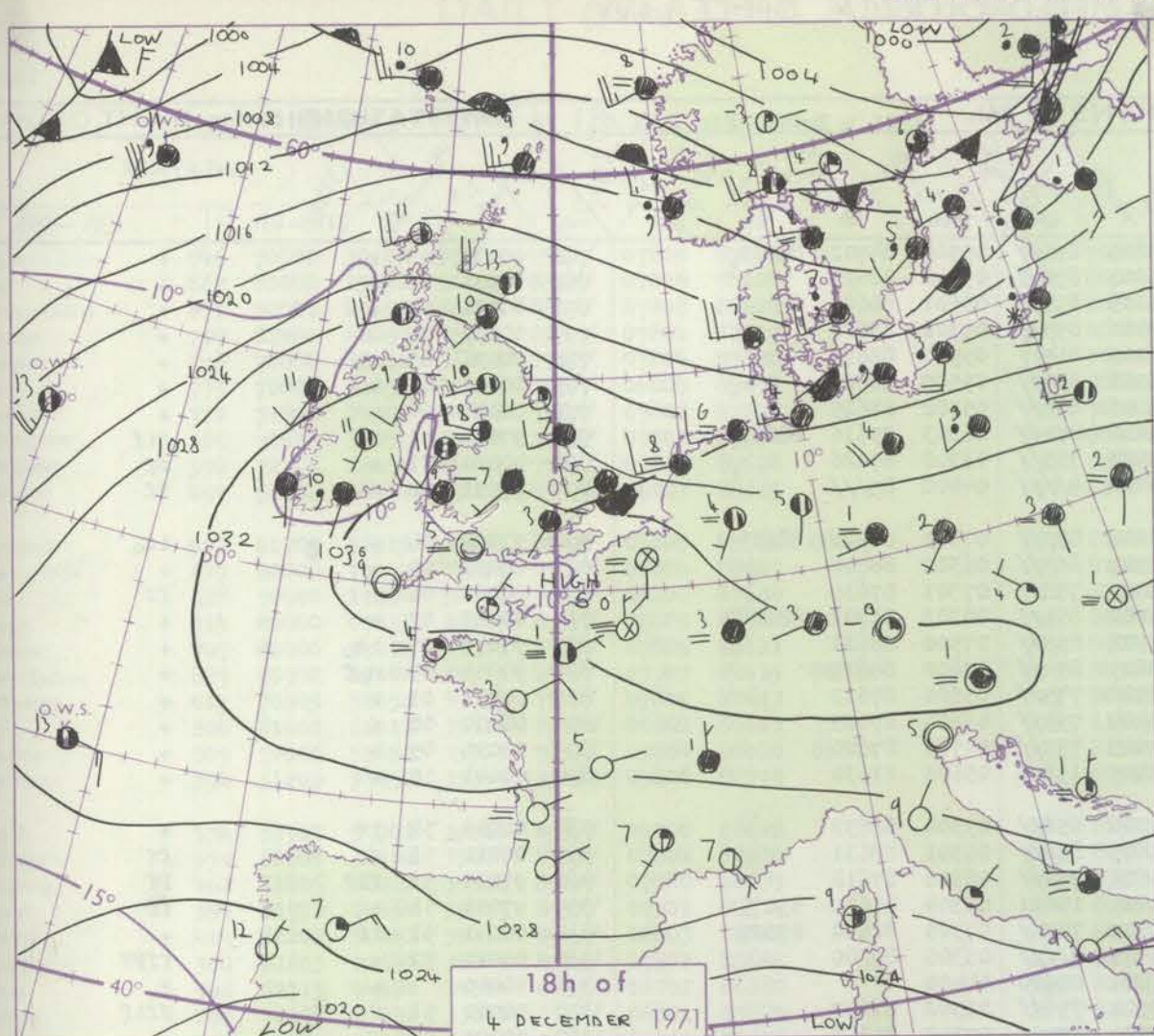


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The high centred over northern France persists with a ridge extending eastwards to Europe and southwest to the Azores. In consequence the normal track of depressions leaving America has been diverted northwards to Iceland and thence to Scandinavia in high latitudes. One such low in the Norwegian Sea yesterday has moved east to Finland, another has passed between the Faeroes and Iceland overnight heading east

and yet another, now in mid Atlantic, is running northwards along the polar front and is expected to be a more intense feature than its predecessors and to be centred over Iceland at this time tomorrow. The associated cold front is likely to be close to the western seaboard of Ireland by that time.

Issued at midday Sunday 5 December 1971



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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT										
		5 December 1971										5 December 1971										5 December 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>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	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> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER	
																															21h.—03h.	03h.—09h.
Boscombe Down	746	82007	23104	36404	854//	04002	88618			746	80000	28102	35805	851//	05500	84702	88621			746	00031	03	+					+		+		
Hurn	862	80000	20102	36605	855//	05803	88623			862	80000	20102	36005	855//	05500	88627			862	00031	01	+							+		+	
Thorney Island	871	80000	14104	36805	855//	04801	88620			871	80000	26102	36105	855//	05601	88625			871	00031	03	+							+		+	
Manston	797	82505	32052	35906	854//	04002	88616			797	82606	48052	35406	855//	05301	88620			797	00051	05	+							+		+	
Gatwick	776	80000	22104	36604	855//	04501	88620			776	80000	34102	36005	855//	05500	88625			776	00031	03	+							+		+	
Kew	775									775	80000	40052	35906	855//	05500	88626			775	00041	04	+							+		+	
Heathrow	772	82002	32052	36005	855//	04101	88620			772	80000	30102	35806	855//	05302	88625			772	00041	04	+							+		+	
Honington	586	22405	32051	34406	25400	05801	82618			586	83002	17284	34606	854//	06303	85616	88631			586	97031	51	f					ff		ff		
Wattisham	590	82507	23102	35005	854//	05201	88616			590	72507	02464	35003	755//	03302	87626			590	00021	51	+							ff		ff	
Gorleston	497	82406	57052	33806	854//	05501	88618			497	92606	00474	33804	9//	04400	89//			497	97031	02	+							ff		ff	
Aberporth	502	72204	61022	35609	756//	08603	87630			502	81808	62032	35008	855//	07303	82620	88635			502	97071	06	+					1d0		1d0		
Ross-on-Wye	627									627	82301	17102	35507	863//	06302	88708			627	00061	05	+							+		+	
Filton	628	72403	28102	36407	756//	07103	87630			628	70000	10102	36007	756//	07303	87635			628	00061	06	+							ff		ff	
Rhoose	715	82702	26102	36407	854//	07301	87630	85703	88624	715	83101	30102	35908	851//	08303	81702	88622			715	00061	07	+					+		+		
Chivenor	707	81105	37205	36608	854//	07001	88617			707	80600	37105	35908	855//	07500	88620			707	97071	07	1d0							+		+	
Mount Batten	827	90000	07475	37106	9//	06802	89/02			827	80000	57104	35807	854//	07602	88619			827	97051	05	dof							+		+	
St. Mawgan	817	70000	59012	37108	754//	06601	87614			817	70805	56101	35706	775//	05604	87621			817	00051	03	+							+		+	
Scilly	804	40000	74021	37009	41530	05802	84823			804	71202	66022	35209	755//	06606	87623			804	00070	00	+							+		+	
Culdrose	809	30000	68020	37304	38400	03304	81818			809	70502	64021	35605	755//	04705	87620			809	00030	05	+							+		+	
Guernsey	894	21504	58051	37007	25500	06001	82620			894	11405	56051	35705	15600	05606	81630			894	00041	50	+							+		+	
Elmdon	534	10000	10111	35105	15500	05500	81625			534	80000	63021	35206	856//	05304	88632			534	00041	52	ff							+		+	
Cardington	559	72306	23102	35306	755//	06803	87623			559	82407	19104	35405	856//	05301	88631			559	00011	51	f							ff		ff	
Wittering	462	02204	01461	34404	00900	04802				462	72608	16104	34606	754//	06306	87618			462	97031	51	fff							ff		ff	
Watnall	354	72504	19101	34307	755//	06001	87625			354	32405	03461	34605	15601	05304	81630	83075			354	97051	51	+							ff		ff
Shawbury	414	72807	62044	34708	754//	07801	83618	87628		414	72807	69022	34809	755//	07305	82620	87627			414	00041	51	1f						+		+	
Finningley	360	62503	48041	33208	15501	07801	81625	86075		360	92102	01471	33603	9//	03306	89/00			360	00511	52	+							ffff		ffff	
Kilnsea	396	12715	48021	32406	10970	05000	81360			396	02709	12100	32804	00900	04400			396	00040		+								f		f	
Leeming	257	02202	74011	32405	00900	03204				257	71503	19284	32901	756//	01302	87632			257	00001	51	f							ffif		ffif	
Tynemouth	262	32708	66021	31309	30940	08319	83358			262	52004	61021	32009	5093/	07302	85358			262	00081	03	+							+		+	
Carlisle	222	82607	56102	31908	862//	08001	88703			222	72407	59022	32109	755//	09204	83628	87637			222	00081	05	+							+		+
Valley	302	72511	62012	34611	755//	09102	87628			302	82408	74022	34411	855//	09303	88624			302	00091	08	+							+		+	
Ringway	334	81905	25045	34408	854//	07000	81615	88630		334	71804	50042	34308	755//	07303	87625			334	97071	07	d0							+		+	
Squires Gate	318	72608	60012	33809	754//	09102	86618	87630		318	72707	60032	33708	756//	08201	87638			318	00071	07	+							+		+	
Ronaldsway	204	72605	80022	33911	754//	09201	81712	87646		204	82509	82032	33811	856//	05203	88637			204	97101	08	+							ro		ro	
Mull of Galloway	131	62712	82031	32410	656//	09702	86645			131	72415	80022	32510	7093/	04304	87362			131	00091												
Eskdalemuir	162	72209	64035	31109	756//	08805	87635			162	72307	69022	32007	756//	06305	87638			162	97071	03	d0d0							+		+	
Prestwick	135	72508	62012	31510	755																											



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

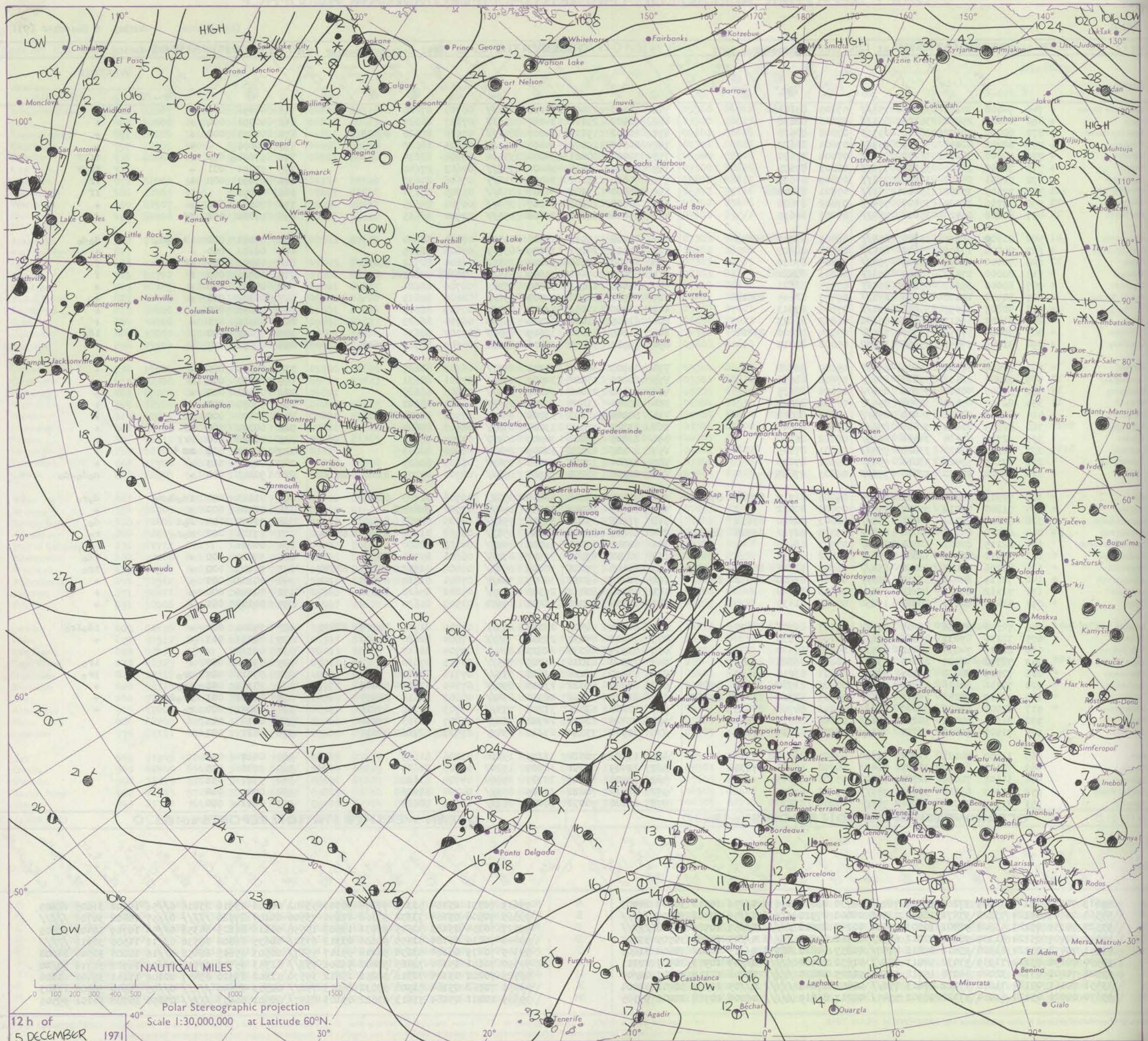
No. 40191

Date of Issue Monday 6 December 1971

OBSERVATIONS at 12h. 5 December 1971										OBSERVATIONS at 18h. 5 December 1971										OBSERVATIONS during DAY			
Code FM II.D																							
Station	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> CH	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> CH	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	iii	RTT+E		WEATHER	
																						09h.—15h.	15h.—21h.
Boscombe Down	746	70000	30102	35908	755//	07805	87621			746	70000	23052	34108	755//	06705	87620			746	00091	000	+	+
Hurn	862	80000	25052	36109	855//	07806	88628			862	80000	25102	34107	855//	07607	88629			862	00091	000	+	+
Thorney Island	871	80000	29102	36108	855//	07808	88628			871	80602	19102	34307	855//	07506	88628	88638		871	00091	000	+	+
Manston	797	82902	42052	35909	855//	07804	88627			797	80000	19102	34407	855//	06501	88628			797	00091	000	+	+
Gatwick	776	70000	38052	36208	756//	07804	87630			776	30000	00461	34604	35600	03604	83634			776	97091	000	+	ifFF
Kew	775	70000	21052	35908	756//	06805	87635			775	70000	00464	34404	756//	04603	87640			775	97091	001	+	ffFF
Heathrow	772	72801	24052	36008	756//	07803	87630			772	70000	11102	34307	756//	07606	87630			772	00091	000	+	ff
Honington	586	72505	37052	35408	756//	07801	87640			586	80000	17102	34107	856//	06705	88634			586	00091	000	+	ff
Wattisham	590	72706	28104	35407	755//	07802	87628			590	83605	20102	34207	855//	06703	88625			590	00091	000	+	+
Gorleston	497	82808	06424	35006	854//	06201	88615			497	83004	10104	34108	854//	07702	88615			497	97082	002	ff	f
Aberporth	502	81708	56515	35108	854//	08805	85710	88625		502	81408	40515	33208	855//	08805	88620			502	97091	000	1dodo	dodo
Ross-on-Wye	627	80000	17102	35609	855//	08804	88627			627	81001	24052	33909	855//	07603	88625			627	00101	000	+	+
Filton	628	70000	11284	36009	756//	08804	87630			628	82002	17104	34209	854//	08604	82712	88628		628	00101	000	ff	f
Rhoose	715	80000	07412	36009	855//	08803	88622			715	80000	09464	33807	855//	07805	88621			715	00081	000	f	f
Chivenor	707	80000	39102	35809	855//	07805	88621			707	80000	19102	33309	855//	08706	88624			707	00091	000	+	+
Mount Batten	827	80902	17102	35709	854//	07707	82615	88625		827	80904	28052	32909	854//	08606	88619			827	00091	000	+	+
St. Mawgan	817	70805	56052	35708	754//	07805	87613			817	80906	57052	32809	854//	07609	88615			817	00091	000	+	+
Silly	804	61402	66012	35311	65500	06802	86623			804	61105	61012	32310	65500	06704	86623			804	00110	021	+	+
Culdrose	809	70000	57052	35309	785//	07804	82820	85622		809	81005	56052	32609	854//	07507	88614			809	97101	000	+	ido
Guernsey	894	31209	57052	35307	35402	05808	82710			894	50912	50052	32706	45302	04609	82708	84616		894	00091	017	+	+
Elmdon	534	82504	57042	35610	855//	05000	88628			534	81903	30042	34308	855//	06503	88627			534	00101	000	+	+
Cardington	559	82304	32102	35608	856//	07802	88630			559	80000	15102	34607	856//	07501	88631			559	00091	000	+	+
Wittering	462	82805	40022	35308	856//	07000	88635			462	83102	23042	34107	855//	07603	88627			462	00081	000	+	+
Watnall	354	82702	05464	35707	855//	07301	88627			354	80000	11054	34208	855//	06704	88622			354	92091	000	ff	+
Shawbury	414	82202	50042	35410	855//	08803	88622			414	80000	40102	33908	854//	07503	82714	88617		414	00101	000	ff	+
Finningley	360	82803	21044	34809	856//	07802	88645			360	81702	37042	33808	855//	06503	88629			360	00101	000	ff	+
Kilnsea	396	62715	04424	34506	60977	06102	86360			396	82805	32024	34207	80927	07204	88460			396	00080	000	ff	+
Leeming	257	72105	83022	33810	755//	06801	87625			257	82106	62022	32809	854//	07000	88618			257	00101	001	+	+
Tynemouth	262	72105	58022	33010	755//	05001	87625			262	81804	32052	32108	855//	06603	88625			262	00101	013	+	+
Carlisle	222	72408	82022	32810	756//	06803	87635			222	82206	58205	31908	853//	08706	82708	83618 88627		222	92101	000	+	dodo-do
Valley	302	72311	66025	34511	754//	09805	81710	84714 87624		302	81815	56016	32609	852//	09706	81705	88620		302	01111	000	1dodo	doro
Ringway	334	71803	59012	35209	755//	07000	87622			334	81705	40042	33709	854//	07702	88616			334	00101	000	+	+
Squires Gate	318	72208	75032	34508	755//	08803	82628	87638		318	71906	35205	33308	751//	08705	82702	87629		318	91091	000	dod	do
Ronaldsway	204	82310	84216	34010	884//	07805	82712	83816 88622		204	82207	62016	32210	853//	06507	81708	85615 88636		204	97111	000	ro	ro
Mull of Galloway	131	82115	82022	32610	80927	07702	88460			131	82315	81022	31210	80977	04706	88460			131	00081	000	+	+
Eskdalemuir	162	72410	80012	32508	756//	05802	87637			162	82212	59505	31307	872//	06801	83705	88713		162	97081	000	+	ido
Prestwick	135	82206	86022	32010	854//	06803	81712	88630		135	82108	75026	30809	854//	06802	81616	84625 88630		135	97101	000	+	iro
Abbotsinch	140	72111	84022	31310	785//	06000	81820	85632 87640		140	72210	65052	30009	754//	07801	81715	87628		140	00101	000	+	+
Leuchars	171	72412	83021	30110	755//	06000	87628			171	72212	80032	29308	755//	05802	85628	87638		171	00101	000	+	+
Dyce	091	12409	82030	28909	15632	05005	81630			091	10204	80020	28402	15600	01503	81630			091	00103	061	+	+
Lerwick	005	72530	59036	21209	752//	09107	85703	86635		005	82524	58502	23008	853//	07305	81706	85709 88630		005	95101	001	+	idoiro
Wick	075	72110	89031	26311	756//	04104	87630			075	72112	84032	25308	756//	07804	82630	86640		075	00111	013	+	+
Sule Skerry	010	82419	74035	24010	855//	09203	88620			010	82324	66038	22810	854//	09704	88615			010	02112	000	+	+
Cape Wrath	049	72322	74022	23410	65577	08802	86620	87360		049	72324	81026	21209	755//	07715	87620			049	97101	000	+	iro
Stornoway	026	72013	80038	25709	784//	09001	83814	86630		026	72130	80028	23110	755//	07716	87625			026	97111	007	pro	pro
Benbecula	022	72116	80216	26409	754//	07806	81710	83618 87630		022	81920	65022	23910	854//	07710	82618	88629		022	95111	001	iro	+
Tiree	100	72119	70252	29010	784//	09805	81710	83815 87633		100	81922	66018	26910	854//	08807	82618	88633		100	01101	001	pro	+
Aldergrove	917	82009	66602	32609	853//	07803	84708	87618		917	72108	63026	31207	753//	04703	81708	87616		917	97091	000	ro	+
Malin	980	81921	84022	30210	854//	07806	82715	87640		980	71820	82022	28708	764//	05807	82713	87634		980	0010	003		
Belmullet	976	71920	80012	29710	784//	06806	82715	87637		976	81920	75032	27610	854//	07707	82716	87636		976	0011	000		
Birr	965	11907	74021	33209	12500	04807	81822			965	11806	70011	31205	15600	03806	81635			965	0010	039		
Dublin	969	72105	65016	33409	764//	06708	85718	87630		969	22409	60051	31707	15502	03705	81620			969	9710	015		
Shannon	962	31607	70031	32709	35600	05706	83645			962	31508	60100	30707	35500	04704	83622			962	9710	056		
Roches Point	952	71913	65012	33909	755//	05805	87623			952	81814	70022	31609	855//	04708	88626			952	0009	000		
Valentia	953	71909	75022	32210	756//	05804	87630			953	81808	70032	30009	855//	06605	88628			953	0010	000		

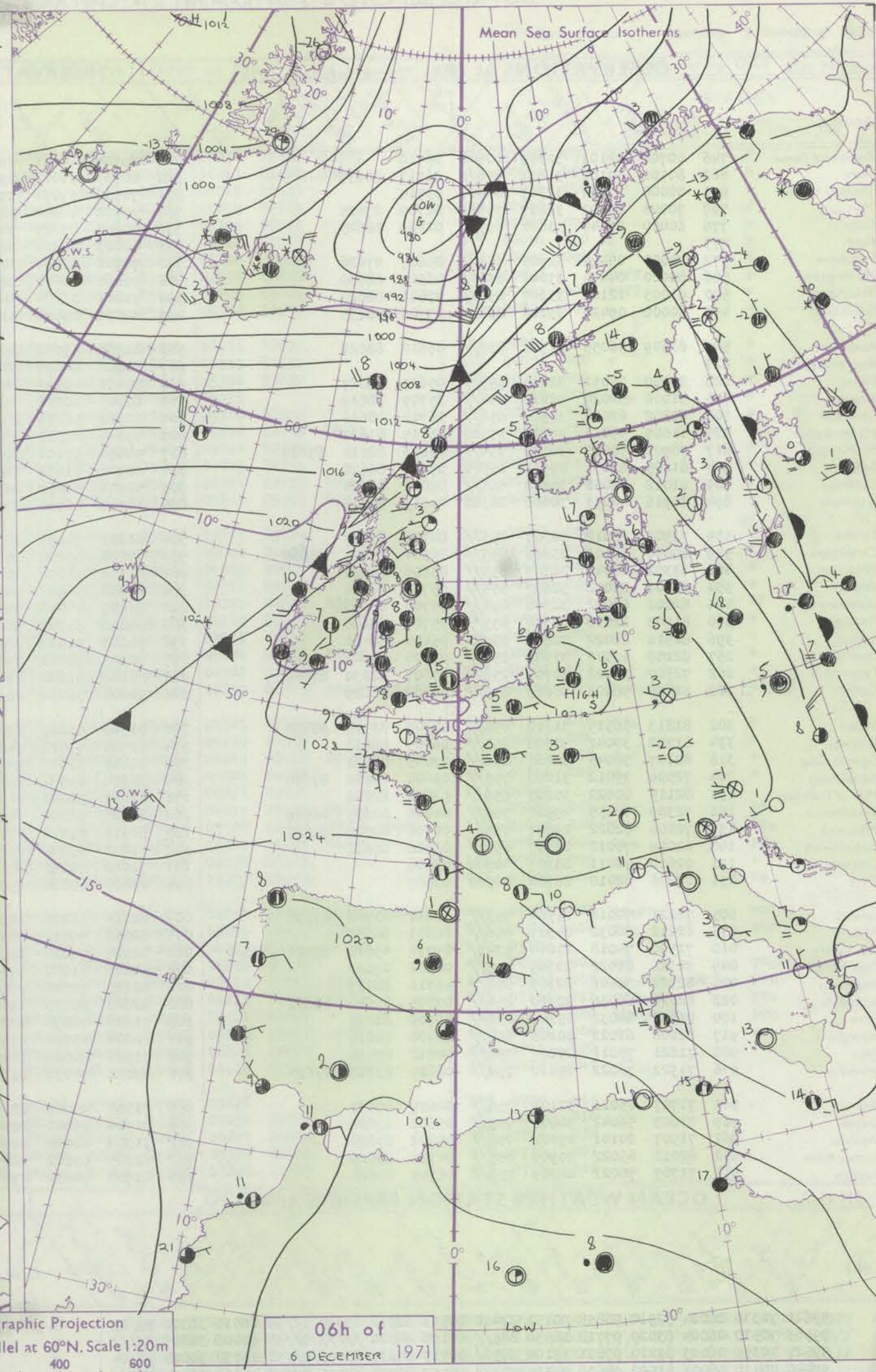
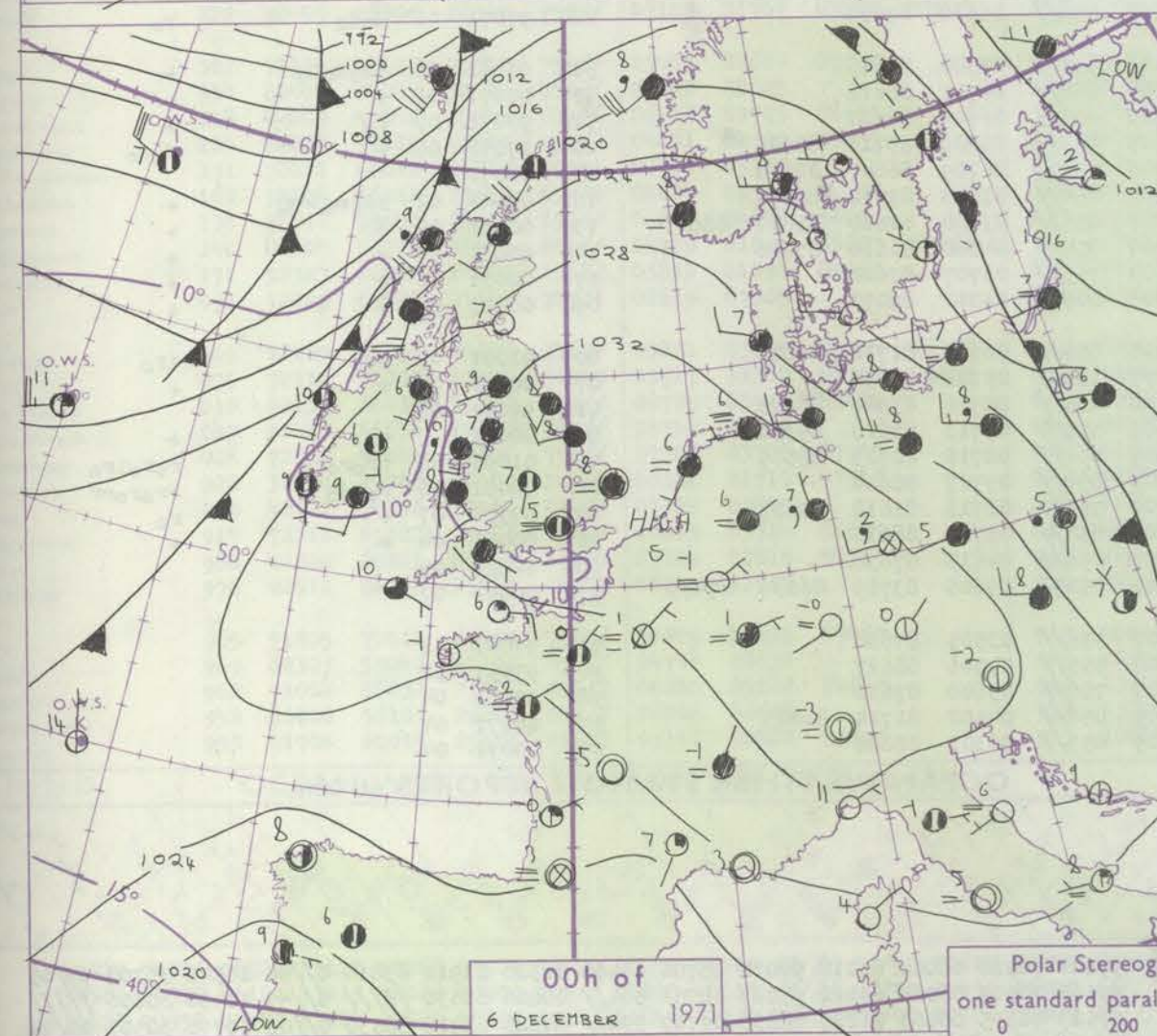
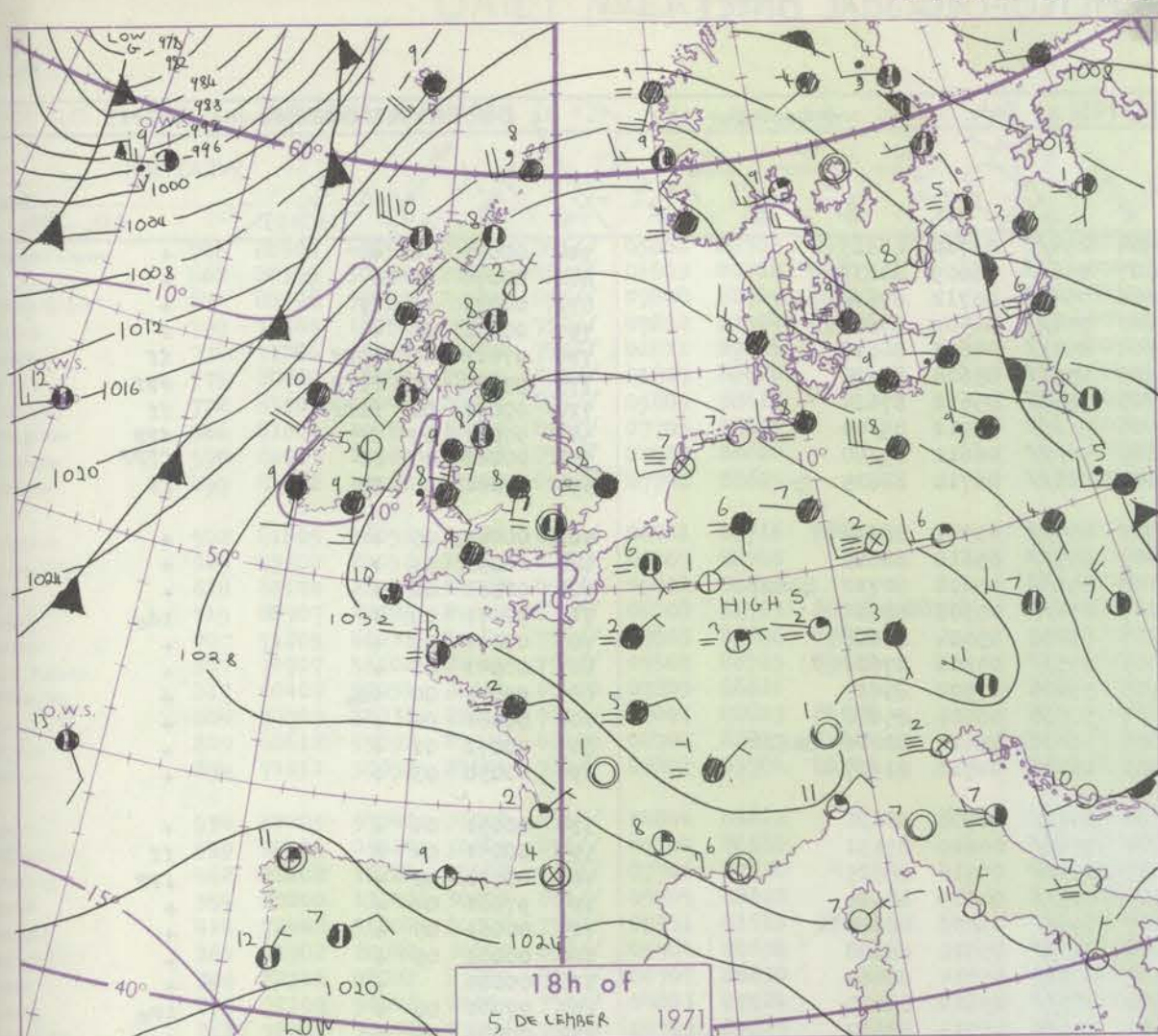


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPSIS DEVELOPMENT

The anticyclone centred over Belgium, with a ridge extending westwards, continued to dominate the British Isles weather. Meanwhile a vigorous mid-Atlantic depression moved rapidly towards Iceland and an associated cold front has approached Western Ireland and northwest Scotland. During the next 24 hours the high over Europe,

although receding a little south, will maintain high pressure over the southern half of Britain. Atlantic lows, however, tracing towards Iceland, will allow further troughs to approach and cross the northern half of the British Isles.

Issued at midday Monday 6 December 1971



## No

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

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## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

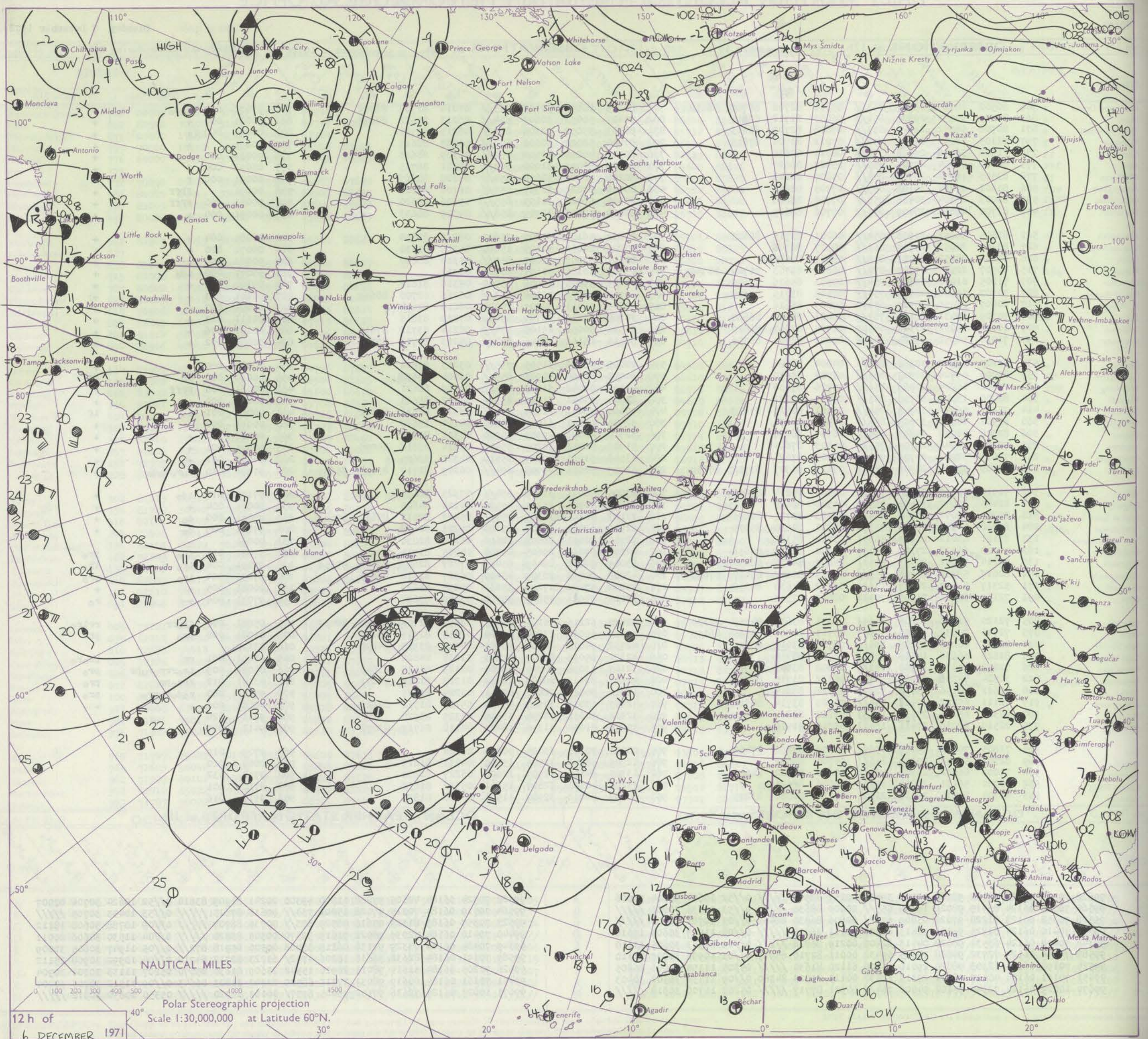
No. 40192

Date of Issue Tuesday 7 December 1971

OBSERVATIONS at 12h.											OBSERVATIONS at 18h.											OBSERVATIONS during DAY				
6 December 1971											6 December 1971											6 December 1971				
Station	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT + T <sub>E</sub>	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	80502	48055	29907	853//	05806	82708	86709	88612	746	80205	28055	30707	863//	05214	82708	88709		746	97071	000	dodo	+			
Hurn	862	80305	50052	29808	854//	06803	81712	88615		862	80407	50052	30607	854//	06213	85612	88625		862	00081	000	+	+			
Thorney Island	871	80906	58052	29509	853//	07808	82709	88613		871	80103	35052	30308	864//	06213	88715			871	00091	000	+	+			
Manston	797	71105	18052	29708	752//	07812	81704	87616		797	80405	58022	30608	854//	05207	88615			797	00091	000	+	+			
Gatwick	776	71006	36054	29608	754//	06811	87616			776	80506	40052	30508	854//	06309	88613			776	00081	000	+	+			
Kew	775	80000	56054	29909	855//	05807	88620			775	80405	56052	31008	864//	05211	88715			775	00091	000	f	+			
Heathrow	772	83505	17044	29809	854//	05807	88618			772	80208	50022	30608	854//	05208	88617			772	00091	000	f	+			
Honington	586	81801	19284	30107	855//	07705	88626			586	80000	37022	30707	855//	06104	88626			586	00091	000	FFff	+			
Wattisham	590	82003	23104	30408	855//	07707	88620			590	80000	56022	31107	855//	05206	88620			590	00081	000	FFff	+			
Gorleston	497	81702	40052	30407	855//	07706	88625			497	80000	57052	30909	856//	04309	88633			497	00091	000	+	+			
Aberporth	502	81805	56052	29608	854//	06201	83716	88623		502	20000	56101	31207	25600	06216	82630			502	00081	004	+	+			
Ross-on-Wye	627	83202	24052	29707	863//	00507	88708			627	10202	24051	31105	15600	04315	81630			627	00071	000	+	+			
Filton	628	81104	28052	30007	855//	05810	88623			628	80602	32052	31007	855//	05310	88620			628	00081	000	+	+			
Rhoose	715	80907	22505	29807	872//	06808	81703	86704	88706	715	03503	10105	31105	00900	04311				715	97071	000	ido	+			
Chivenor	707	71205	61031	29409	754//	07503	85616	87620		707	10605	59041	30906	15500	05316	81622			707	00101	021	+	+			
Mount Batten	827	70707	56102	28409	754//	07505	83715	87620		827	80708	48022	30108	853//	06216	82708	88612		827	00101	003	+	+			
St. Mawgan	817	60407	57051	28509	65400	07805	86616			817	20808	56051	30307	25400	06214	82614			817	00091	007	+	+			
Scilly	804	70709	58031	28110	785//	08001	82823	86628		804	30708	63011	29709	35400	07219	83615			804	00111	013	+	+			
Culdrose	809	60612	59052	27310	68400	08704	82817	86620		809	70508	50052	29108	754//	06214	83712	87615		809	00101	006	+	+			
Guernsey	894	71011	50052	27604	762//	03801	83704	86706		894	80711	25102	28406	872//	05213	85703	87704		894	00081	002	+	+			
Elmdon	534	82205	57042	30308	855//	04804	88622			534	70000	30042	31505	755//	03213	87624			534	00081	000	+	+			
Cardington	559	80000	09424	30607	856//	07704	88630			559	80000	04464	30906	855//	06004	88622			559	00081	000	ff	ff			
Wittering	462	72202	16284	30008	756//	07706	87630			462	83105	34042	31007	855//	04309	88621			462	00081	000	FFff	+			
Watnall	354	80000	13042	30108	855//	05705	88622			354	82904	14041	31505	855//	04312	88625			354	00081	000	+	+			
Shawbury	414	72402	56042	30708	754//	05501	81615	87618		414	70000	48041	31704	754//	03321	82618	87622		414	00081	001	+	1f			
Finningley	360	81902	20042	30009	856//	05504	88630			360	32504	19041	31007	35600	04114	83630			360	00091	000	+	+			
Kilnsea	396	82306	48032	29807	856//	06707	88630			396	32310	48021	29905	30970	04301	83360			396	00080	000	+	+			
Leeming	257	72109	50046	29109	755//	04803	87624			257	51902	40042	30207	35402	05314	83616	84075		257	00091	001	+	+			
Tynemouth	262	72015	32052	27708	755//	05703	87625			262	43508	61021	29609	35510	04321	83625			262	00091	002	+	+			
Carlisle	222	72409	58206	28308	753//	07103	81707	83712	87630	222	62707	58021	29708	654//	06219	81717	83625	85635	222	91091	010	ro rododo	+			
Valley	302	71914	58015	29709	754//	07005	84614	87618		302	83005	58031	31909	854//	07323	88618			302	97101	010	ido	+			
Ringway	334	82405	35042	30508	855//	04302	88625			334	41605	30041	31307	45500	04120	84625			334	00081	004	+	+			
Squires Gate	318	82209	59042	30208	854//	06203	83715	88631		318	72107	36105	31305	754//	05217	82618	85630	87646	318	97081	000	do	+			
Ronaldsway	204	62208	70015	28909	45732	04801	84650	85075		204	22907	63011	31309	25400	05223	82618			204	97111	009	do	+			
Mull of Galloway	131	72121	66012	26809	50971	03714	85362			131	22710	76011	28808	22600	06217	82830			131	00091						
Eskdalemuir	162	52208	66212	27307	55430	04000	81710	85638		162	42207	69011	29605	45400	04215	81714	84633		162	97081	011	iro	pro			
Prestwick	135	72214	59602	26507	6553/	04807	84625	86650		135	63009	62056	29409	654//	07227	82613	83632	85656	135	97091	004	iro	iro			
Abbotsinch	140	82017	59212	25408	855//	04709	81622	83627	87630	140	42006	80038	28309	48400	06327	81818	84635		140	97091	004	iro	pro			
Leuchars	171	52317	62012	24207	15632	03812	81630	84362		171	30000	57041	27207	35632	05235	83633			171	00081	005	+	+			
Dyce	091	72109	65021	21607	70931	02619	87365			091	33014	74041	25807	35500	03229	83622			091	97071	004	+	ro			
Lerwick	005	72120	66026	14208	3567/	05831	83635	84358	86363	005	82820	62216	16105	6527/	02253	82704	85620	88457	005	05081	000	irorr	rriro			
Wick	075	72116	70032	17108	50979	03717	81																			



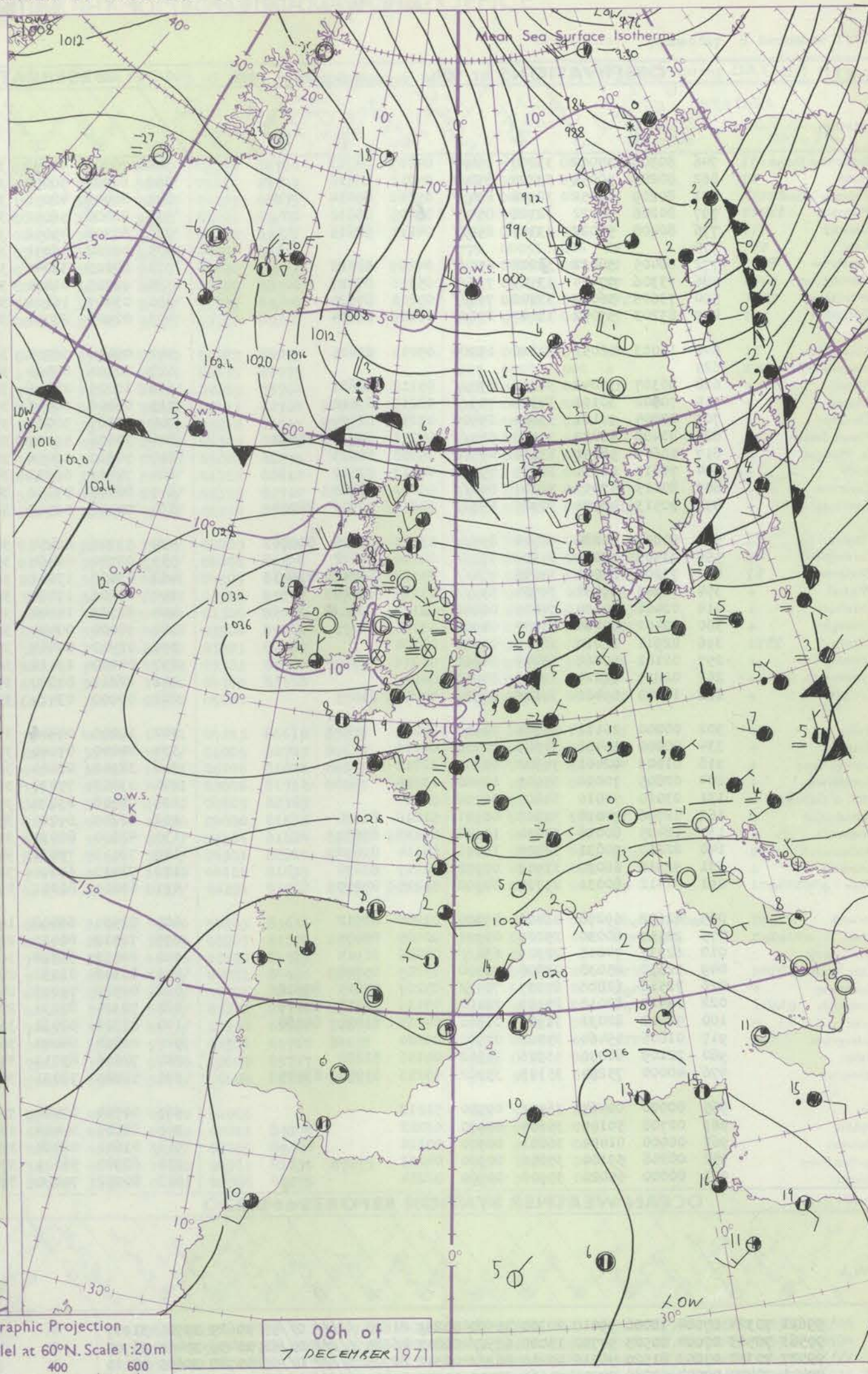
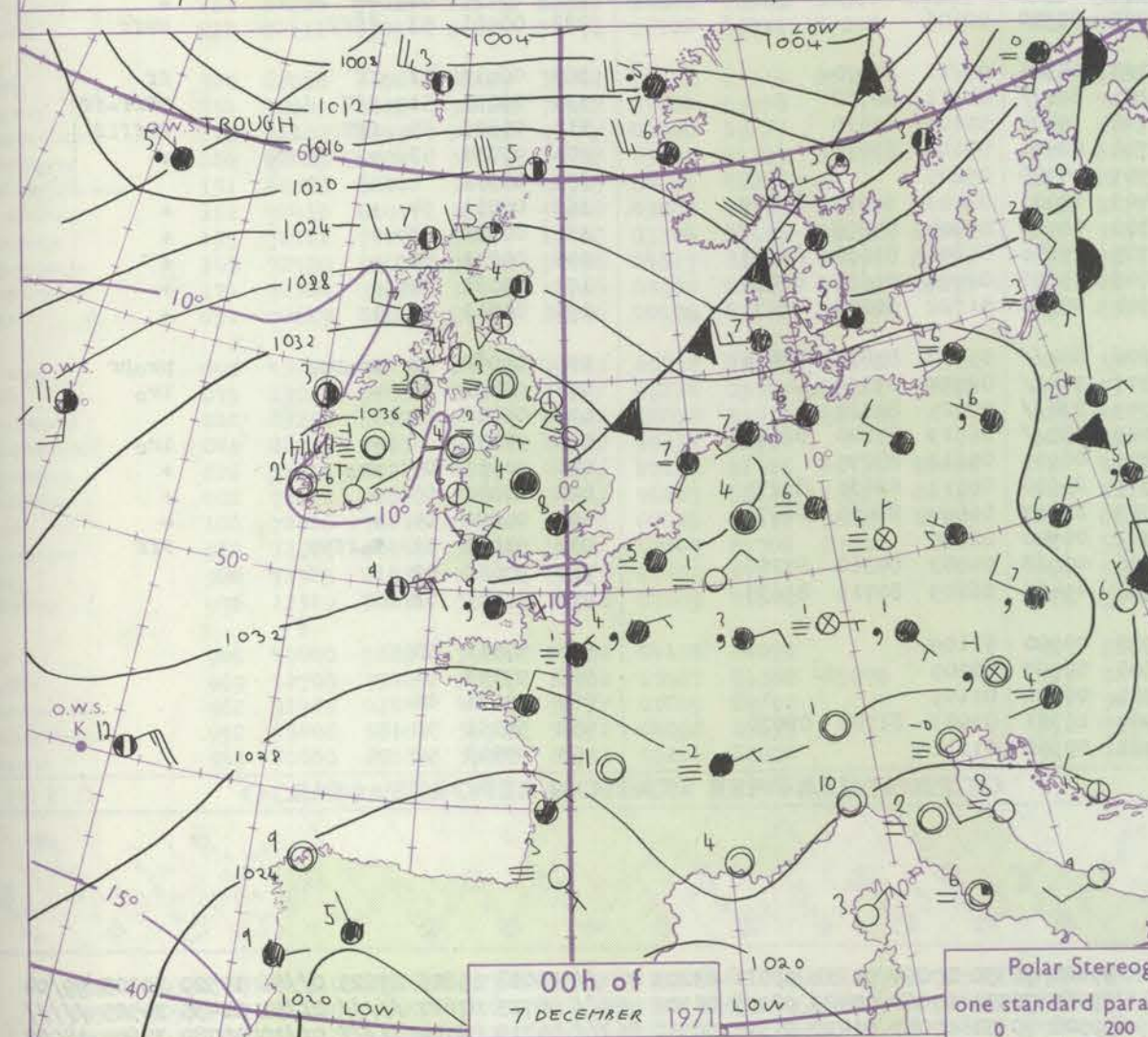
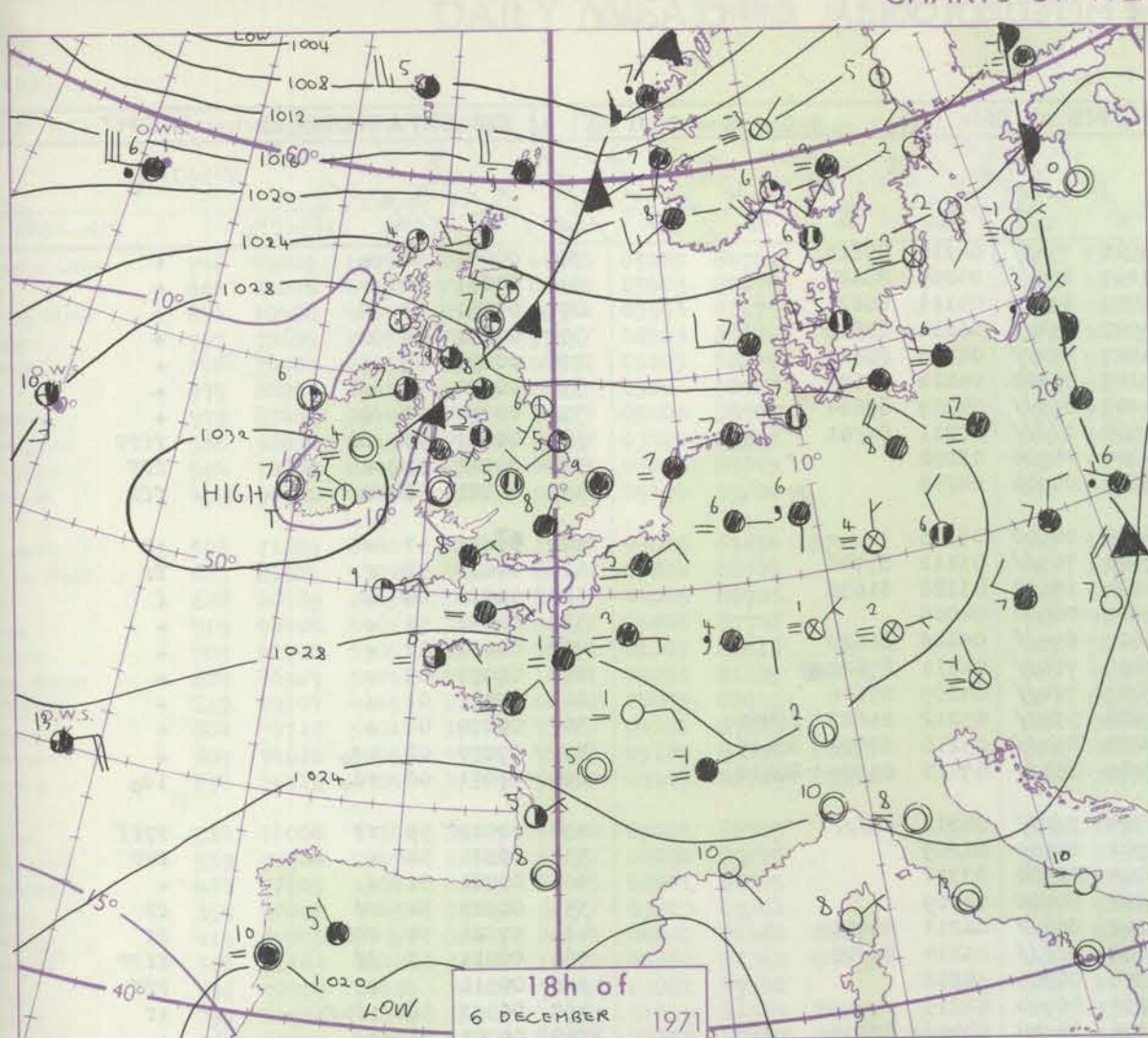
# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

0  
 1 or less  
 2  
 3  
 4  
 5  
 6  
 7 or more  
 8  
 Obscured  
 or  
 full data.  
 HER  
 Weather  
 Wind  
 speed  
 (knots)  
 Calm  
 1-2  
 3-7  
 8-12  
 13-17  
 Additional  
 to add  
 18-52



Polar Stereographic Projection  
 one standard parallel at 60°N. Scale 1:20m  
 0 200 400 600

## GENERAL SYNOPSIS DEVELOPMENT

The anticyclone over Belgium which has dominated the weather over southern England for the last day or so, began to decline yesterday as another anticyclone southwest of Ireland moved northeastwards. A trough of low pressure over Scotland moved steadily eastwards and another over southeast Iceland moved southeastwards as its

parent depression moved rapidly away northeast over the Norwegian Sea. During the next 24 hours a trough will move southeast over Scotland and the North Sea and an area of high pressure will become established over the British Isles as further cyclonic development takes place over Scotland.

Issued at midday Tuesday 7 December 1971



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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		7 December 1971										7 December 1971										7 December 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> E	T <sub>g</sub> T <sub>g</sub>	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	80306	37052	33207	854//	04109	88613			746	70205	40052	35506	754//	04210	87618			746	00031	50	+		+							
Hurn	862	80207	50052	33207	854//	05211	88616			862	80207	50052	35107	855//	04209	88624			862	00031	50	+		+							
Thorney Island	871	80209	42052	32908	854//	05210	88614			871	80403	48052	35007	855//	04111	88622			871	00051	02	+		+							
Manston	797	80206	58022	32308	854//	06005	88612			797	80000	56052	34607	854//	06211	88618			797	00071	06	+		+							
Gatwick	776	80408	58022	33207	854//	04211	88616			776	80304	45052	34907	855//	04208	88621			776	00051	51	+		+							
Kew	775									775	40202	56051	35107	35502	04210	83626			775	00031	53	+		+							
Heathrow	772	80405	58022	33208	855//	04109	88622			772	80106	38042	35207	855//	04209	88624			772	00051	52	+		+							
Honington	586	73306	07424	33505	755//	05210	87627			586	92705	01474	35500	9//	00211	89/01			586	00001	53	ff		ffff							
Wattisham	590	73605	56012	33506	755//	05211	87620			590	03407	16101	35204	00900	03208			590	00011	51	+				fff						
Gorleston	497	83203	57052	33007	856//	06209	88634			497	02905	28051	34605	00900	04208			497	00021	50	+				fff						
Aberporth	502	11003	56051	34106	15500	05011	81625			502	00404	56050	36605	00900	05308			502	00021	51	+				ff						
Ross-on-Wye	627									627	70101	08444	36303	763//	03112	87708			627	00031	52	f				ff					
Filton	628	80307	37042	34306	855//	05112	88621			628	10405	28041	36004	15600	03108	81630			628	00031	00	+				f					
Rhoose	715	70402	30101	34304	755//	03213	87622			715	00802	60011	35805	00900	04006			715	00031	51	+				+						
Chivenor	707	20804	32101	33804	25500	03211	82620			707	60507	50011	35607	655//	05106	86629			707	00031	52	+				+					
Mount Batten	827	80408	58022	33108	854//	04211	83715	88622		827	70608	59032	35107	755//	04211	87622			827	00071	05	+				+					
St. Mawgan	817	40609	58051	33206	45500	05308	84623			817	70310	56051	35207	754//	04209	87616			817	00051	01	+				+					
Silly	804	70813	66031	32809	755//	06213	87620			804	70712	66022	34608	5557/	05212	85623	87460		804	00070	04	+				+					
Culdrose	809	80413	57055	32207	854//	05211	88614			809	80405	57052	34007	854//	05210	82712	88615		809	97070	02	ido				+					
Guernsey	894	80513	40502	30909	873//	08212	86706	88708		894	80514	56502	32409	853//	07110	85709	88612		894	97071	06	ido				ido					
Elmdon	534	80000	15284	34704	855//	03115	83620	88626		534	93306	01454	36704	9//	04312	89//			534	00511	55	ff				FFFF					
Cardington	559	73505	23054	34107	755//	04112	87622			559	02702	01464	35901	00900	01209			559	00521	54	+				fff						
Wittering	462	73205	28041	34006	754//	04115	84612	87623		462	03007	13041	36004	00900	03312			462	00021	51	+				+						
Watnall	354	82903	09461	34704	855//	03113	88626			354	03106	17054	36202	00900	01209			354	00513	54	ff				ff						
Shawbury	414	02402	14104	34603	00900	02112				414	82702	14044	37202	860//	01211	88701			414	97521	54	fff				ff					
Finningley	360	42402	05464	33704	00901	03206	84075			360	90000	00434	36101	9//	01214	89/00			360	00511	53	ff				ffff					
Kilnsea	396	02911	16010	33205	00900	05204				396	02912	00464	35350	00900	50212			396	00510		+				fff						
Leeming	257	02102	00464	33401	00900	01210				257	00000	19114	36151	00900	52215			257	00533	56	1f1f				1f						
Tynemouth	262	02815	61020	32406	00900	04209				262	22812	81020	34306	00908	04206	82275			262	00051	01	+				+					
Carlisle	222	10000	09461	34103	00901	03209	81075			222	00000	03424	35900	00900	00105			222	00501	53	ffff				FFFF						
Valley	302	00000	20111	34704	00900	04211				302	10000	04444	37103	00901	03211	81070			302	00011	51	ff				ff					
Ringway	334	00000	15401	34505	00900	04211				334	80000	07424	37105	861//	04211	88702			334	00031	51	fff				FFFF-ff					
Squires Gate	318	01003	02461	34302	00900	02212				318	32902	02464	36700	35400	50109	83618			318	00523	55	fff				FFFFif					
Ronaldsway	204	02805	70010	35005	00900	03215				204	33003	75030	36706	00901	04108	83075			204	97031	52	+				+					
Mull of Galloway	131	03010	74010	34207	00900	06318				131	02508	83020	35507	00900	05205			131	00051												
Eskdalemuir	162	12706	74018	34302	00901	51218	81070			162	42207	69020	35403	12401	02003	81818	83069		162	00011	54	+				+					
Prestwick	135	12405	80016	33604	15600	03118	81630			135	42610	80030	35308	00908	05304	84278			135	00031	52	+				+					
Abbotsinch	140	22210	70031	32405	15601	04114	81630			140	72111	75031	34305	15606	04206	81630	87275		140	00041	51	+				+					
Leuchars	171	32312	66030	31503	00902	02217	83070			171	72415	60041	32003	15602	02706	81630	87070		171	00021	51	+				+					
Dyce	091	72412	80031	29704	00908	51215	87275			091	62211	80011	27904	00901	51722	86075			091	00011	53	+				+					
Lerwick	005	42632	<																												



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

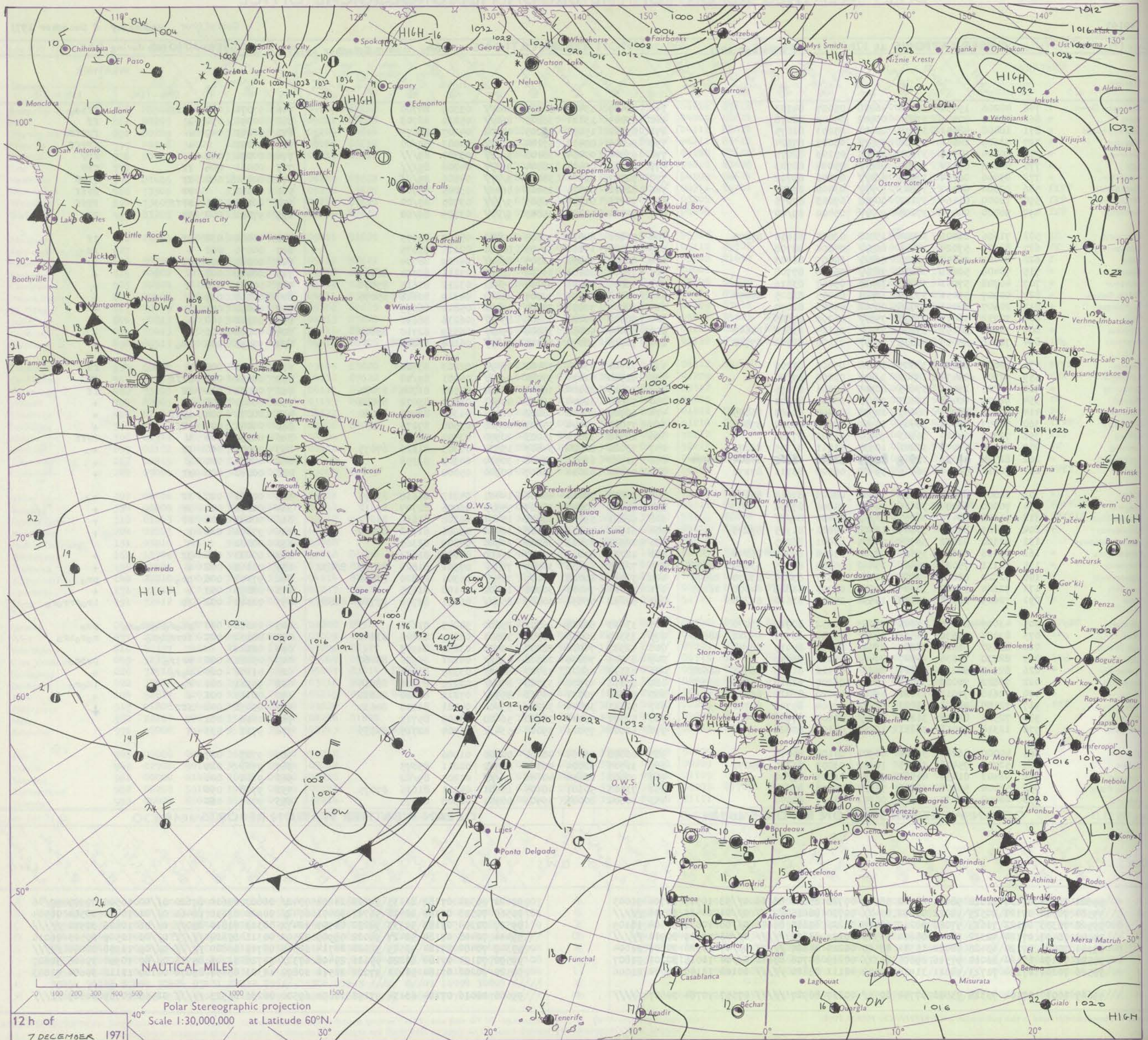
No. 40193

Date of Issue Wednesday 8 December 1971

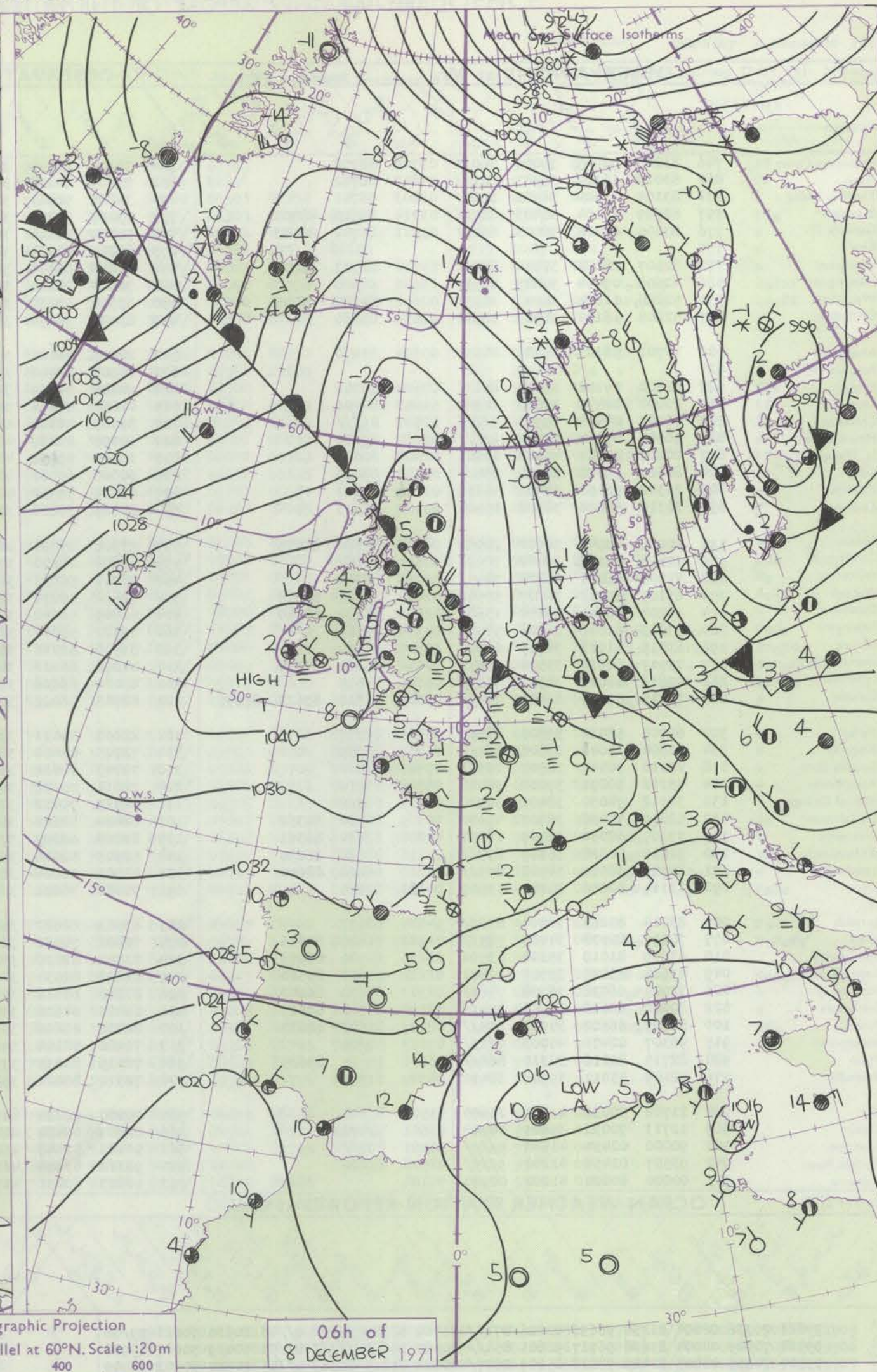
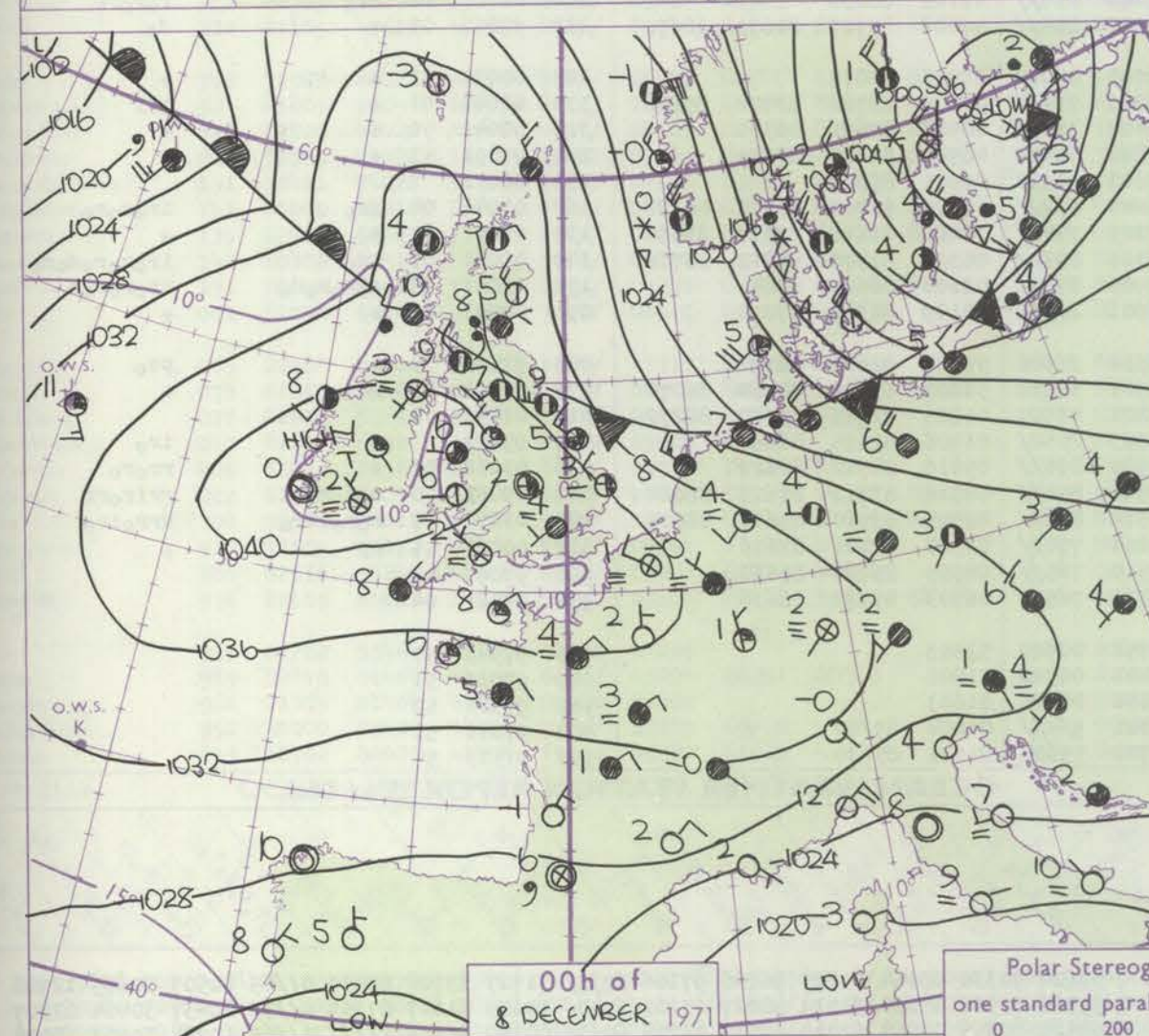
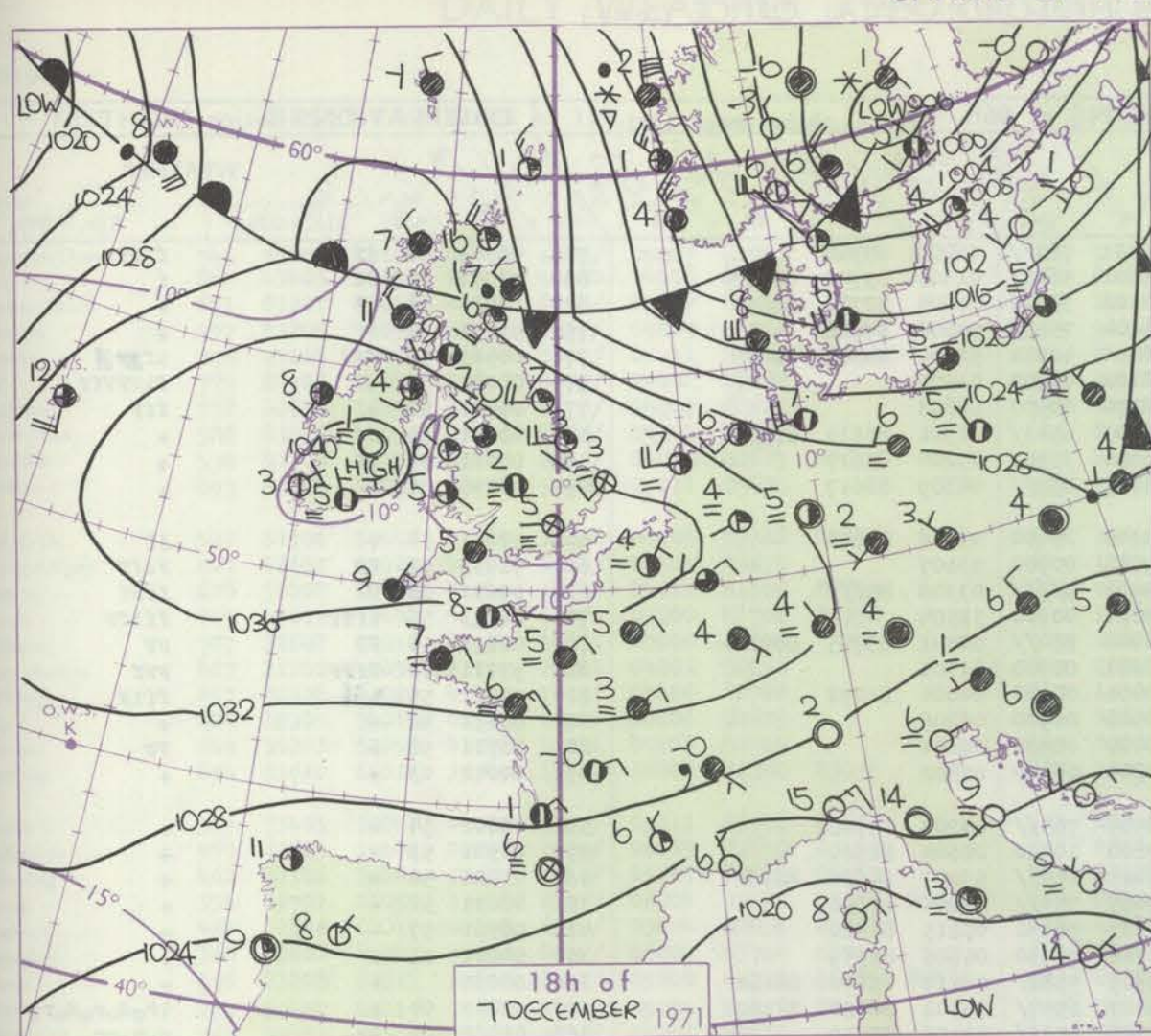
OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
7 December 1971										7 December 1971															
Station	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub>	iii	RRT	T <sub>e</sub>	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	40206	19054	38106	46200	05007	84703			746	83407	03444	38903	860//	03309	88700			746	97071	009	1fff		ffido	
Hurn	862	20206	40051	37908	00902	05003	82078			862	83407	13121	38805	862//	05210	88703			862	00091	050	+		ff	
Thorney Island	871	10408	48051	37608	00901	05003	81075			871	83202	15051	38205	00902	04207	88075			871	00091	049	+		fffff	
Manston	797	73605	28052	37108	755//	06003	87624			797	92805	00452	37104	9////	04003	89/00			797	97091		+		fffff	
Gatwick	776	20404	24054	37508	00902	05103	82075			776	93204	00454	38103	9////	03307	89//			776	00091	045	+		fff	
Kew	775	80203	09424	37705	862//	05004	88703			775	92702	00474	38304	9////	04206	89//			775	00061	006	ff		fff	
Heathrow	772	83406	06444	37905	861//	05006	88702			772	92707	02474	38005	9////	04806	89//			772	00061	000	ff		fff	
Honington	586	92604	00454	37603	9////	03400	89/03			586	82612	00424	36403	860//	03805	88700			586	00051		FF		FFff	
Wattisham	590	70000	01464	37107	00901	07003	87075			590	92711	01454	36503	9////	03705	89/00			590	00071	015	FFff		FFff	
Gorleston	497	90000	00454	37105	9////	05400	89/00			497	92511	00434	35003	9////	03709	89/00			497	97051	000	FF		FFf	
Aberporth	502	71606	61401	38904	15702	03005	81650	87075		502	51202	64022	39805	00902	05307	85075			502	00061	032	jf		jf	
Ross-on-Wye	627	83601	57024	38506	863//	04804	88708			627	10000	17101	39403	00901	02115	81075			627	00071	000	+		ff	
Filton	628	80409	26054	38805	862//	04005	88703			628	80000	37052	39305	862//	04209	88704			628	00061	000	ff		+	
Rhoose	715	70408	50051	38806	763//	05006	87708			715	72802	20101	39504	762/1	03111	82704	86705		715	00071	000	+		+	
Chivenor	707	40708	57051	38408	38401	05007	83616			707	50605	50051	39304	15401	03212	81615	85072		707	00091	020	+		+	
Mount Batten	827	40907	59051	37709	18501	04005	81825	84070		827	60705	40051	39607	25402	04319	82616	85075		827	00091	039	+		+	
St. Mawgan	817	20607	48051	37708	00902	04003	82070			817	60905	32051	38605	00908	05810	86275			817	00091	051	+		+	
Scilly	804	70712	56012	37408	755//	06206	87623			804	80608	40022	38809	854//	06216	88612			804	00101	000	+		+	
Culdrose	809	70610	58052	37108	784//	05105	83816	84618		809	80407	50052	38908	854//	06319	82710	88614		809	00090	000	+		+	
Guernsey	894	70716	57055	35309	763//	07108	82709	87712		894	70715	58052	36508	754//	06108	87612			894	97091	000	ido		+	
Elmdon	534	10000	11104	38505	16200	05000	81705			534	72701	03424	38402	764//	02203	87710			534	00071	000	f		ff	
Cardington	559	92704	01474	38502	9////	02000	89/00			559	92510	01474	37704	9////	04001	89/00			559	00051	000	FFff		FF	
Wittering	462	72805	15041	37603	00905	02801	87075			462	72913	20104	36604	16201	04503	81704	87075		462	00051	011	ff		ff	
Watnall	354	92405	00454	37403	9////	03809	89/01			354	72808	32044	36805	00902	03500	83072	87080		354	00071	000	FF		+	
Shawbury	414	60000	56044	38607	20931	04400	82362	86075		414	62902	40042	38802	00901	01305	82075	85080		414	00071	002	1fjf		+	
Finningley	360	72103	06424	36504	10932	03806	81362	87075		360	73005	37044	35807	00908	03500	87275			360	00081	000	FFf		+	
Kilnsea	396	72710	04424	36103	7097/	03001	87360			396	22718	32014	35203	20970	03501	82360			396	00050	004	+		FFff	
Leeming	257	81706	17041	35201	10937	51811	81365	88275		257	73020	82024	34607	15532	03303	81620	87075		257	00071	000	ff		+	
Tynemouth	262	82724	61021	32908	80977	03816	85360	84270		262	32922	61011	33108	30930	04303	83358			262	00081	000	+		+	
Carlisle	222	72611	59014	36406	55478	06500	83711	87272		222	02414	62011	35607	00900	05000				222	00081	000	ff		+	
Valley	302	62008	66024	38609	35402	08003	83614	85075		302	32808	74011	40006	14401	04213	81618	83075		302	00101	020	1f		+	
Ringway	334	70000	12284	38406	763/2	05002	87708			334	72806	20042	38707	753//	06006	82707	87612		334	00071	000	ff		+	
Squires Gate	318	91102	00474	38205	9////	05400	89//			318	62811	59044	38508	15401	06208	81612	86072		318	00081	000	FF		+	
Ronaldsway	204	72409	82021	37809	18408	05001	81715	87273		204	61901	75032	37806	16431	03006	81712	86080		204	97091	024	+		+	
Mull of Galloway	131	62320	82012	36708	00905	04001	86275			131	22911	82011	36307	20940	04809	82365			131	00081					
Eskdalemuir	162	72418	61011	35505	58308	03804	84707	86272		162	12721	61011	34507	15600	04000	81633			162	00081	000	jf		+	
Prestwick	135	72111	75021	35407	15442	05304	81615	83070	85076	135	72615	63032	35509	785//	07301	81824	83628	86632		135	00101	002	+		+
Abbotsinch	140	72520	81022	34508	32436	04317	83816	83270	86075	140	72414	80028	34109	785//	06301	82820	87632		140	97101	006	pro		pro	
Leuchars	171	72324	75022	30507	11538	03705	81825	84070	86275	171	22414	74011	30906	15602	04108	81635			171	00091	003				



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE







Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

# GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over Eire has moved little in the last 24 hours and has maintained quite foggy conditions over southern districts of the British Isles. The wave depression over Fair Isle moved rapidly eastwards and deepened over Scandinavia with its associated cold front moving south over the North Sea but becoming slow

moving over Scotland. During the next 24 hours, southern districts will remain largely anticyclonic, while the front over Scotland will move northeastwards as Atlantic depressions move to the vicinity of Iceland.

Issued at midday Wednesday 8 December 1971



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

OBSERVATIONS at 00h. 8 December 1971										OBSERVATIONS at 06h. 8 December 1971										OBSERVATIONS during NIGHT			
Station	iii	Nddff	VVwWw	PPPTT	N <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwWw	PPPTT	N <sub>h</sub> C <sub>h</sub> M <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	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	83207	03445	39003	860//	03706	88700			746	73305	01444	39101	760//	01003	87700			746	00501	51	ff	ffff
Hurn	862	83016	16104	39303	861//	03802	88702			862	73605	12282	39501	5613/	01305	85702	85362		862	97051	02	ff	f
Thorney Island	871	83105	17104	38902	860//	02803	88701			871	32806	56011	38502	35300	01004	82707	83650		871	00011	51	ff	+
Manston	797	82909	14104	36403	860//	03714	85700	88701		797	73107	40104	36804	754//	04000	87618			797	97031	01	f	+
Gatwick	776	83005	22104	38003	861//	03811	85702	88703		776	50000	40104	38050	40932	51000	84362	83075		776	00513	56	ff	if
Kew	775									775	02204	01424	38101	00900	01500				775	00001	50	+	fffff
Heathrow	772	82607	28104	37904	862//	04714	86703	88705		772	02602	05424	38100	00900	00803				772	00001	52	+	fff
Honington	586	42608	09444	35803	40950	03610	84360			586	72609	26104	36503	6543/	02301	86619	87359		586	00011	50	ff	+
Wattisham	590	52808	11284	36002	10931	02612	81360	85075		590	33310	40030	36704	35401	03204	83617			590	00011	51	ff	+
Gorleston	497	52808	18101	34903	50930	03604	85360			497	83008	58051	35705	854//	04309	88617			497	00030	00	+	+
Aberporth	502	12701	58101	39706	00901	05704	81070			502	22501	58101	39305	25600	05808	82640			502	97041	54	+	ff
Ross-on-Wye	627									627	02305	02444	39753	00900	53107				627	91533	55	FF	F-ff
Filton	628	82602	19102	39404	861//	04604	88702			628	90605	04434	39903	9////	03308	89///			628	00031	00	FF	ffff
Rhoose	715	20000	02441	39650	26300	51803	82706			715	02806	02484	39250	00900	52504				715	00523	55	ffff	fffff
Chivenor	707	91003	00454	39902	9////	02502	89///			707	80000	48104	40002	862//	02701	83705	88708		707	00011	50	FF	FF
Mount Batten	827	90000	07454	40202	9////	01000	89/02			827	00000	00424	40301	00900	01301				827	97511	52	ffff	FFF
St. Mawgan	817	20807	40054	40103	00901	02400	82072			817	10000	59000	40404	00902	04004	81072			817	97001	55	if	ffff
Scilly	804	80505	59022	39608	854//	06302	88619			804	00000	66021	40508	00900	06206				804	00051	52	+	+
Culdrose	809	20302	56101	39903	15510	03206	81620			809	03504	58050	40000	00900	00004				809	00511	58	+	FF
Guernsey	894	20310	58020	38308	25400	05102	82613			894	00205	30110	38805	00900	05802				894	00041	03	+	+
Elmdon	534	50000	40044	38102	20932	01506	82360	85075		534	73308	57031	38505	763//	04703	87706			534	00001	54	+	+
Cardington	559	12408	28104	37002	10930	02611	81362			559	12306	28100	37800	10930	00604	81364			559	00501	53	+	+
Wittering	462	72808	56041	35305	7095/	03714	87362			462	73011	58031	36405	4553/	03707	84620	86362		462	97021	50	+	+
Watnall	354	63105	59012	36307	50952	02000	85365	85075		354	72606	58031	37005	757//	04804	87650			354	00031	52	+	+
Shawbury	414	32704	48041	38650	15601	52803	81630	83080		414	52709	56041	38202	50930	00815	85360			414	00521	57	+	+
Finningley	360	53313	61012	36706	50930	04314	85365			360	73302	56041	36106	70930	04806	87359			360	00051	01	+	+
Kilnsea	396	63015	61011	34705	6097/	03307	86360			396	83508	66021	35905	5562/	04210	85630	88460		396	00030		+	+
Leeming	257	72917	82032	35508	50932	04014	85362	87070		257	80306	66212	36407	6557/	05301	86620	88360		257	92051	04	+	irororororo
Tynemouth	262	72818	66021	34507	756//	05106	87635			262	83407	66618	37206	856//	05106	86630			262	01062	04	pro	rororr
Carlisle	222	72615	59021	36607	754//	06005	81717	83622	87635	222	82706	56022	37107	854//	07002	81717	84635	88650	222	97071	05	+	do
Valley	302	62705	58031	39306	663//	05502	86707			302	22102	59011	39705	00902	04508	82075			302	00031	51	+	+
Ringway	334	82804	25044	38806	862//	05203	88703			334	72703	09464	38205	751//	05508	82702	83704	85640	334	00041	01	+	iff
Squires Gate	318	23110	70021	38507	15501	07701	81620			318	72707	70031	38407	3553/	06504	83621	86360		318	00041	50	+	+
Ronaldsray	204	43212	80031	39208	38401	05305	81710			204	72811	75031	38608	785/2	06509	81820	87650		204	97051	51	+	+
Mull of Galloway	131	32712	74030	38407	30930	06205	83360			131	52713	74012	37607	50930	06501	85362			131	00071			
Eskdalemuir	162	52807	74036	36707	45630	05309	84630	84362		162	82404	58612	36207	852//	06805	83704	84708	88628	162	01041	04	iro	irororo
Prestwick	135	73109	68032	37009	18551	07208	81824	86361		135	83008	68022	37209	7547/	08003	81618	83634	87650	135	00091	07	+	+
Abbotsinch	140	72610	80028	36109	655/2	06216	82624	86630		140	82503	58616	36309	853//	08303	81706	84712	86716	140	01081	05	iro	irororororo
Leuchars	171	80705	68581	34508	855//	06220	86624	88640		171	81002	70606	36905	855//	03108	86620	88645		171	02041	03	do	irororor
Dyce	091	13114	82016	34405	15500	00121	81625			091	70000	70021	36901	20932	00109	82365	87070		091	00001	02	+	+
Lerwick	005	83414	80268	32800	856//	54324	88637			005	63503	82022	35551	25606	55108	82635	86272		005	97533	55	+	ps
Wick	075	70210	80038	34403	785//	01222	81820	87636		075	72602	74032	36901	35632	51207	83640	84360	86070	075	97001	52	pro	+
Sule Skerry	010	63609	81018	35104	43504	02235	84920	86075		010	81102	82038	35804	53407	01203	82915	85620	88270	010	01031	51		
Cape Wrath	049	43604	85018	35305	15571	01229	81620	83360		049	81803	81031	34903	2552/	01706	82625	88460		049	97031		+	iro
Stornoway	026	70000	66032	36404	756//	02314	83630	86642		026	81608	60616	35305	854//	05810	84712	88622		026	03032	01	+	rroro
Benbecula	022	80000	60616	35706	854//	06104	84711	88615		022	81407	64606	33908	854//	08716	83712	85618	88624	022	09061	05	rororr	rrrorr
Tiree	100	82709	66602	35910	855//	08007	81620	88637		100	82408	62606	35510	854//	08705	83710	85627	88635	100	01091	07	rorariro	rrroriro
Aldergrove	917	92307	02471	40003	9////	03213	89/00			917	71906	50104	39104	750//	03500	82701	87616		917	00021	01	ff	+
Malin	980	82715	80216	38310	864//	08011	85715	88625		980	72515	80035	37510	765//	08505	85720	85630		980	97091	08		
Belmullet	976	42109	75011	39908	35430	06209	81717			976	72310	80021	39310	765//	06703	85720	86636		976	97061	04		
Birr	965	21702	70030	41151	25600	51500	82640			965	00000	20284	41752	00900	52303				965	97543	57		
Dublin	969	12713	70030	39603	00902	03601	81070			969	02807	02464	40401	00900	01801				969	97011	51		
Shannon	962	90000	02454	41500	9////	50301	89///			962	01101	02444	41601	00900	01603				962	97501	50		
Roches Point	952	93507	01454	41202	9////	02500	89/00			952	93312	03474	41301	9////	01804	89/00			952	97011	51		
Valentia	953	00000	80020	41000	00900	50104				953	50603	80031	41702	55600	01501	85630			953	97513	54		

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.																
Code FM 21.D																														
O.W.S.	99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGIw	Nddff	VVwwVW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> ysapp	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	OT <sub>5</sub> T <sub>5</sub> T <sub>d</sub> T <sub>d</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	O.W.S.	99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	Q <sub>0</sub> L <sub>0</sub> L <sub>0</sub> L <sub>0</sub>	YYGGIw	Nddff	VVwwVW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> ysapp	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	OT <sub>5</sub> T <sub>5</sub> T <sub>d</sub> T <sub>d</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	
A	99621	70336	08004	81234	96636	02206	872//	21760	88704	////	0//05	10510	30011	99/08	A	99620	70330	08064	81825	96026	97106	3731/	31725	83708	88459	0//05	10507	30605	12908	
B	99564	70509	08004	83636	96717	98001	854//	00307	88618	////	0//51	10439	30607	09908	B	99566	70508	08064	73519	98027	03101	1543/	00225	81617	87359	0//52	10437	30404	02807	
C	99527	70355	08003	82020	98022	05209	284//	00222	81815	88363	0//05	10780	30503	18009	C	99525	70355	08063	62019	98022	08208	60930	00120	86363	////	0//06	10784	30503	18008	
D	99440	70410	08004	82620	97021	12809	12508	00113	81820	////	0//03	11506	30807	////	D	99440	70410	08064	63310	98022	15011	68500	00108	82820	84630	0//03	11505	30806	////	
E	99350	70480	08004	33422	98018	17415	32500	00110	83820	////	0//08	11979	30807	////	E	99348	70480	08064	83418	98028	17416	21507	00602	82825	882//	0//07	11882	30706	29206	
I	99589	70191	08004	82225	95506	22610	872//	41002	85705	88710	0//10	11025	30606	24005	I	99590	70191	08064	82122	96026	21011	6641/	00813	86715	88459	0//10	11020	30404	24006	
J	99524	70201	08004	21715	98021	34211	15640	00006	81540	////	00008	11124	30302	21803	J	99524	70201	08064	01916	98011	33912	00900	00707	////	////	00309	11104	30503	00/00	
K															K															
M	99666	10018	08004	73232	96858	19401	795//	00226	87923	////	06856	10728	30710	////	M	99668	10019	08064	72830	96858	20400	795//	00804	87923	////	06354	10696	30710	////	



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

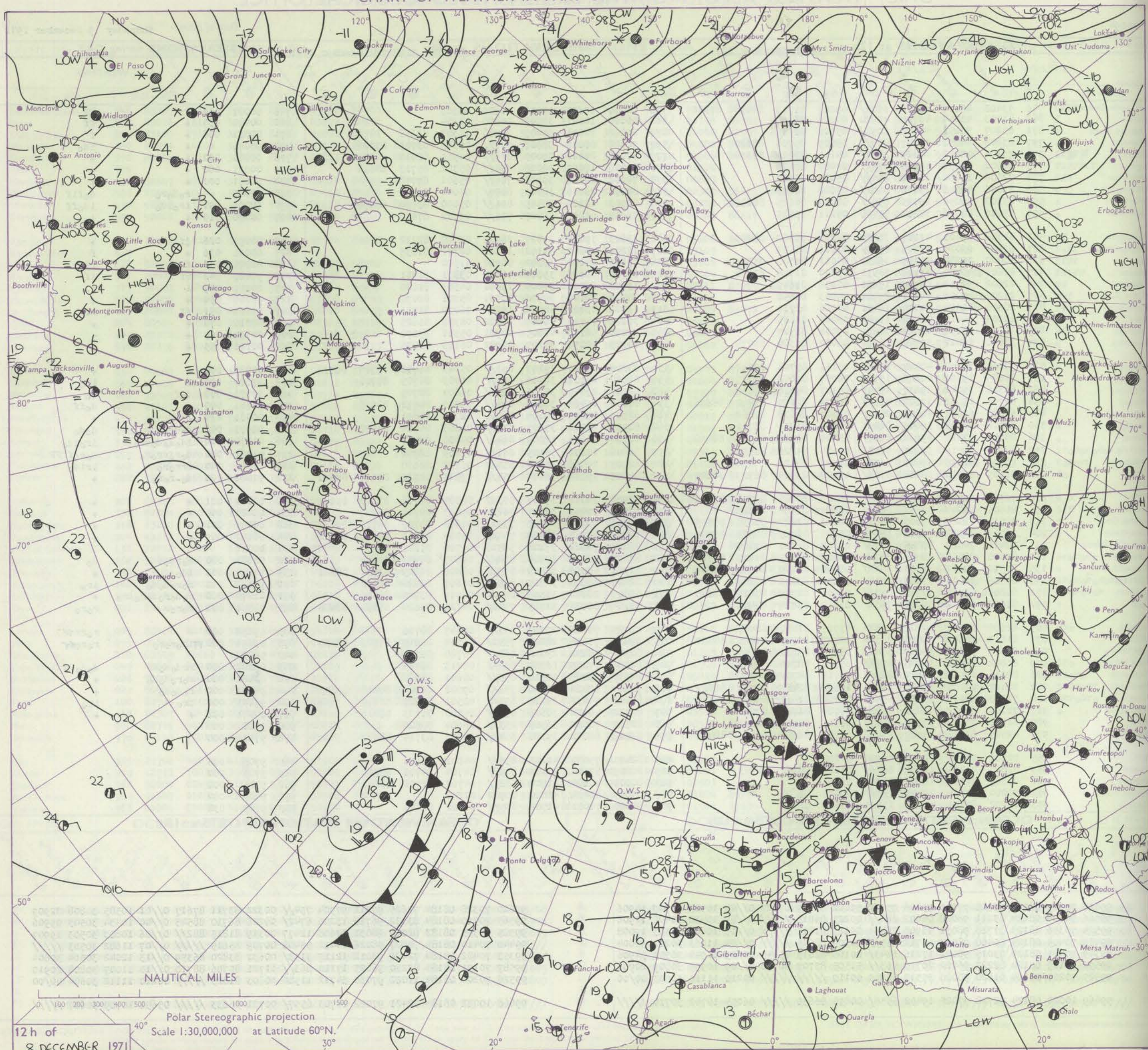
No. 40194

Date of Issue Thursday 9 December 1971

OBSERVATIONS at 12h.											OBSERVATIONS at 18h.											OBSERVATIONS during DAY				
8 December 1971											8 December 1971															
Station	iii	Nddff	VVwwwV	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	VVwwwV	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	RRTT x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	73408	48104	40306	6523/	05007	81703	84656	87360	746	00000	23111	39504	00900	03303				746	00081	015	ff	ff			
Hurn	862	43403	45054	40706	40970	04006	83360			862	00000	18401	39703	00900	02304				862	00091	035	+	ff			
Thorney Island	871	63207	58054	40407	6093/	05002	86358			871	20202	28051	39405	20930	04303	82358			871	00081	008	+	f			
Manston	797	83206	44052	38707	853//	05009	85706	88620		797	70206	60022	38907	753//	05303	83709	87626		797	97071		+	ido			
Gatwick	776	73106	40052	40405	3557/	04111	83622	87359		776	80000	24102	39005	854//	04501	88614			776	00061	002	+	+			
Kew	775	80000	23054	39806	855//	04002	88622			775	80000	17052	39206	854//	05302	85713	88618		775	00071	000	+	+			
Heathrow	772	82806	16054	40206	855//	05007	88622			772	72902	24052	39206	764//	05601	87712			772	00081	001	+	+			
Honington	586	83006	40056	39006	856//	05008	88635			586	80000	26206	38105	8097/	04000	88359			586	97061		rodoRo	doffif			
Wattisham	590	83308	35056	39005	855//	04004	84625	88650		590	82902	28205	38405	856//	05000	83630	88656		590	97061	001	irido	idoff			
Gorleston	497	53006	40052	38208	55500	05211	85625			497	73605	61032	38207	756//	03302	87630			497	00080	013	+	+			
Aberporth	502	61706	59401	41105	30931	04006	83362	85075		502	33603	59032	39807	26432	05000	82712			502	00091	026	jf	+			
Ross-on-Wye	627	62601	63024	41203	6564/	02101	86635			627	12201	24051	39102	15600	02701	81635			627	00061	036	+	f			
Filton	628	50000	20284	41205	16332	04011	81708	84359		628	03102	14101	39502	00900	01500				628	00071	036	f	fff			
Rhoose	715	40603	50404	41104	18331	03000	81708	83358		715	13102	30110	39804	16000	03802	81701			715	97083	042	ff	if			
Chivenor	707	22602	70011	40909	15631	07006	81645			707	13602	66020	39805	15501	04303	81620			707	00101	049	+	f			
Mount Batten	827	21202	40054	41107	25701	04003	82650			827	20000	40100	39706	00901	05301	82070			827	92101	054	+	+			
St. Mawgan	817	20306	61025	41509	16431	07006	81710			817	13302	23400	40206	16200	06002	81703			817	00101	051	ff	if			
Scilly	804	10305	74010	41510	11540	08006	81825			804	30102	74010	40409	15502	08301	81625			804	00110	070	+	+			
Culdrose	809	30203	62054	41008	16231	07008	81704			809	30000	56100	40005	00901	05501	83070			809	00091	065	+	+			
Guernsey	894	33610	66011	39909	10932	06002	81360	83075		894	10305	40050	39107	00902	06103	81075			894	00101	055	+	+			
Elmdon	534	73005	30042	40507	753//	05111	85708	87612		534	83306	35041	39107	863//	05303	81706	85708	88710	534	00081	000	+	+			
Cardington	559	72605	19101	40206	1573/	06007	81650	87365		559	82602	23102	38906	862//	06003	84705	88708		559	97081	000	+	ido			
Wittering	462	83306	35042	39607	4547/	05107	84616	88460		462	82102	23045	38206	862//	05804	88705			462	97071	000	dof	do			
Watnall	354	82701	23052	39608	855//	06004	82625	83640	88656	354	80000	05465	38106	854//	05803	84711	88620		354	97081	000	+	doff			
Shawbury	414	62806	62012	40606	2577/	03004	82656	85362		414	62505	59041	39104	56401	03500	85711			414	00081	020	+	+			
Finningley	360	83602	20205	39606	862//	06004	83704	88711		360	82006	20206	37705	873//	05807	84706	88708		360	92081	000	dodoRo	dodo			
Kilnsea	396	83208	57515	39606	6547/	05208	83715	86625	88460	396	82704	24106	37505	864//	05806	88717			396	01071	000	idodoRo	irido			
Leeming	257	82802	48215	39506	5552/	05004	85626	88550		257	81606	14106	36905	861//	05609	88702			257	01061	000	doroRo	doroffff			
Tynemouth	262	82705	32636	39506	8052/	05206	88525			262	82505	24056	35806	856//	05717	88630			262	02081	000	rrroRo	irido			
Carlisle	222	81105	48615	38406	852//	05002	83705	86707	88620	222	82609	59026	36108	854//	07811	82710	83618	88640	222	92081	000	do-roRo	+			
Valley	302	72902	62021	41007	763//	06106	82706	83708	87710	302	52908	74012	39407	55302	06605	81708	83710	85624	302	00091	001	+	+			
Ringway	334	81805	16044	39807	862//	06801	86704	88712		334	82604	30042	38707	862//	05803	82704	88707		334	00081	000	+	+			
Squires Gate	318	72810	62022	39908	4557/	08103	81620	84635	87359	318	72511	70032	38107	753//	07606	83709	84712	86617	318	00091	001	+	+			
Ronaldsway	204	72709	81022	39910	15432	05105	81713	86361	86075	204	72707	75031	38409	754//	05704	81711	84715	87636	204	00101	009	+	+			
Mull of Galloway	131	72411	74022	38808	3857/	07102	81820	87362		131	72819	74022	37108	58513	06706	85825	85460		131	00091						
Eskdalemuir	162	80000	28616	38405	870//	04801	82701	84705	88712	162	82407	58036	35708	854//	06807	84712	88626		162	02081	000	rodoRo	do			
Prestwick	135	82510	62022	37709	854//	08000	81710	86622	88630	135	82511	59055	36309	853//	08806	81709	83614	88621	135	97111	000	ido	+			
Abbotsinch	140	80306	12516	37106	6712/	06000	83702	86706		140	82415	68605	34910	855//	07607	83620	88628		140	95101	000	roRo</				

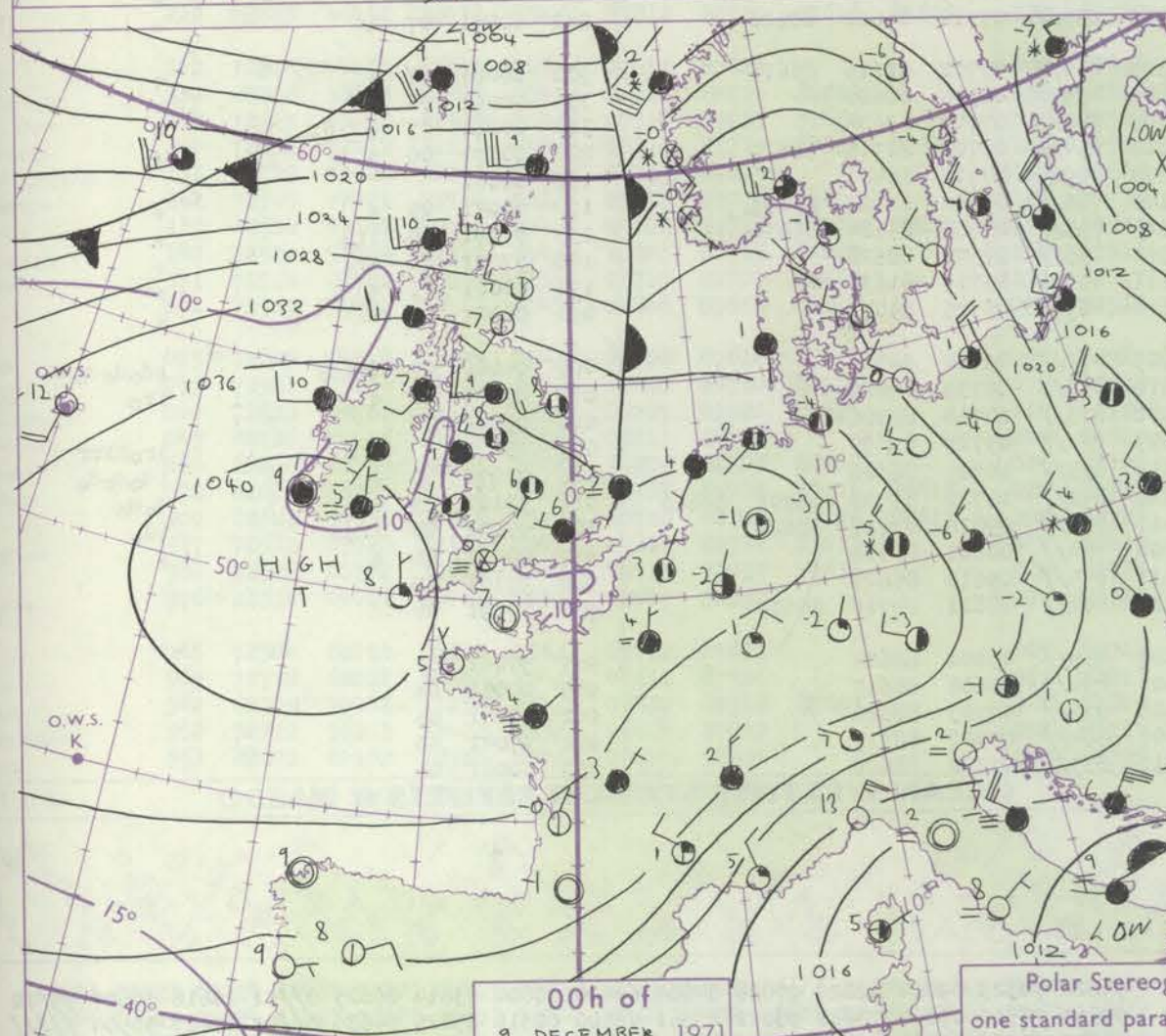
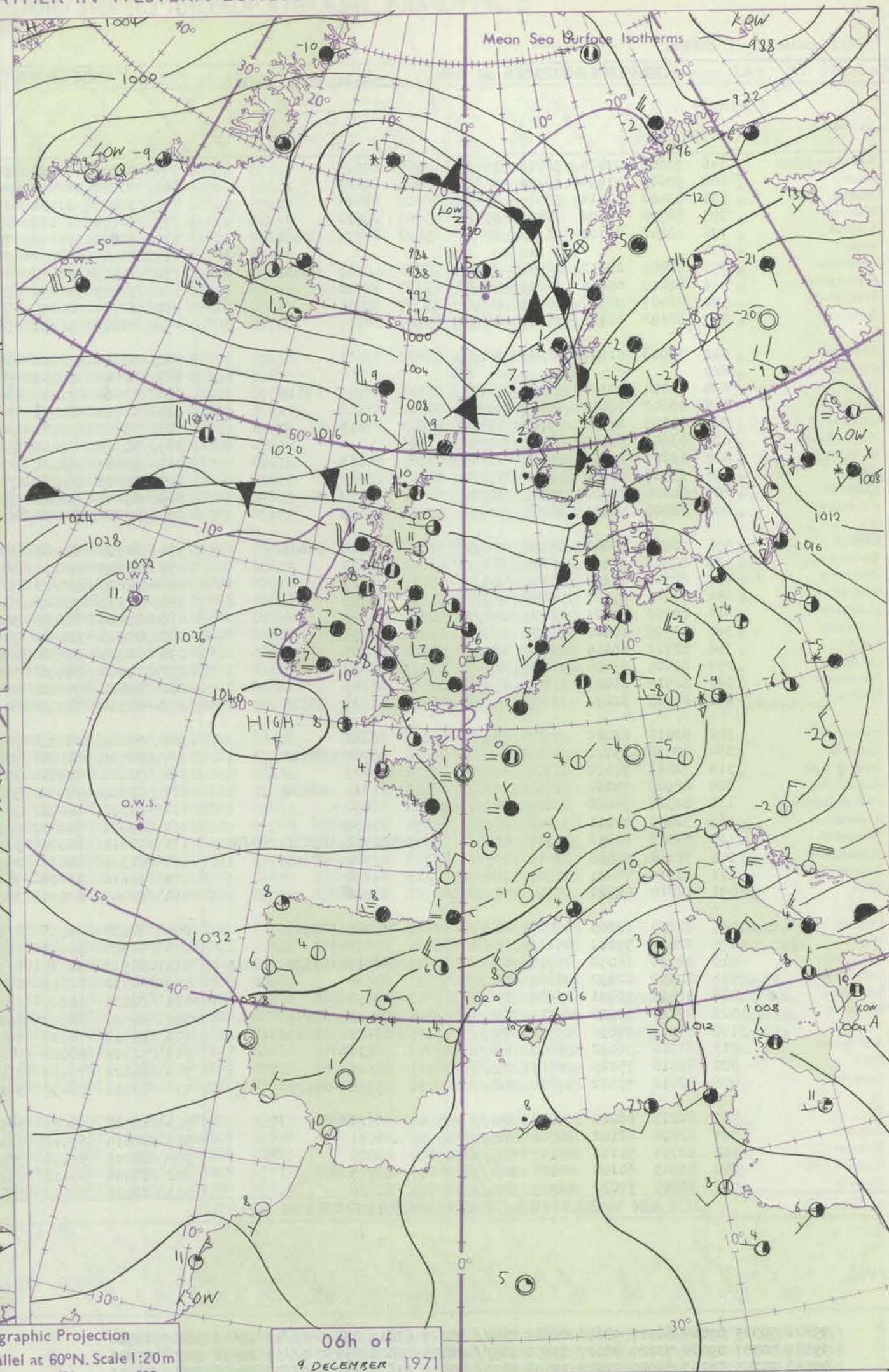
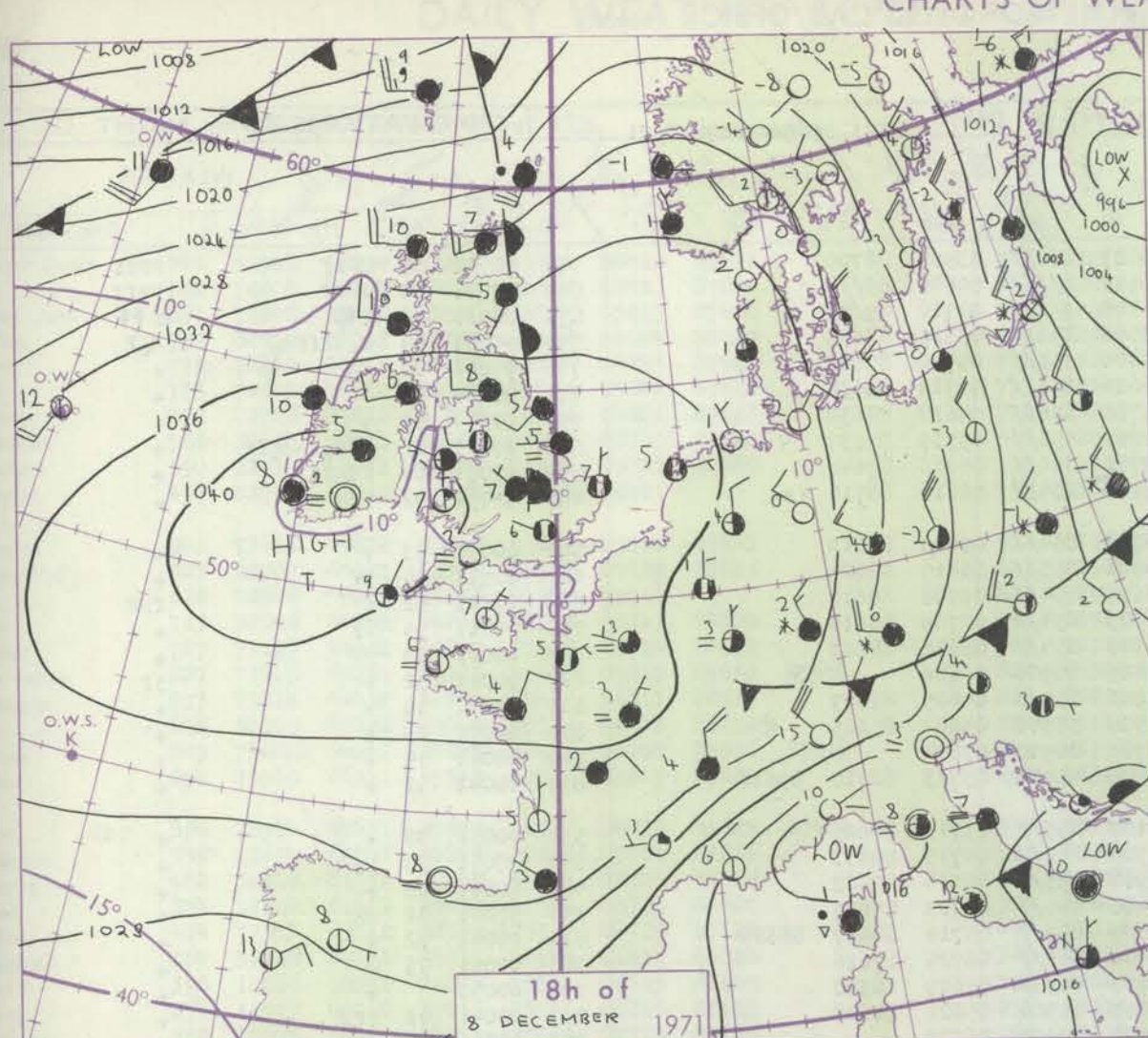


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone off southern Ireland has remained stationary during the past 24 hours but is now expected to move slowly southwest. A depression off southeast Greenland moved to west Iceland during yesterday and is now moving very slowly north across the Denmark Strait. A secondary depression formed between northeast Iceland and Jan Mayen at midnight and is moving quickly east and is expected over

Finland by tomorrow morning. A warm front crossed northern districts of the British Isles during yesterday. The following cold front, now approaching northern Scotland from the north, is expected to become slow moving across Scotland and northeast England by tomorrow morning, with minor waves moving southeast along it.

Issued at midday Thursday 9 December 1971



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

OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT					
9 December 1971										9 December 1971															
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	RRRT <sub>n</sub> F	T <sub>g</sub> T <sub>g</sub>	WEATHER			
																						21h.—03h.	03h.—09h.		
Boscombe Down	746	73603	07424	38503	754//	03804	87614			746	83106	03424	36203	860//	03505	88700			746	00511	55	FFff	FFff		
Hurn	862	90000	01454	39151	9//	52503	89//			862	93206	02434	36550	9//	50605	89//			862	97521	54	ffFF	FFff		
Thorney Island	871	83402	07414	38505	854//	04706	88614			871	92806	01454	35502	9//	02710	89/00			871	00021	53	if ff	if FF		
Manston	797	82702	19502	37406	854//	05807	88618			797	82807	25105	33506	856//	05815	88635			797	95051	04	d <sub>o</sub> d d f f d <sub>o</sub>	d <sub>o</sub> f		
Gatwick	776	82602	26102	38305	854//	05802	84711	88618		776	72001	38105	35004	756//	04710	87638			776	97041	02	d <sub>o</sub>	+		
Kew	775									775	82905	58052	34606	856//	04710	88634			775	00051	04	+	+		
Heathrow	772	82805	22052	37906	854//	05808	86616	88631		772	82709	50052	34706	856//	04612	88630			772	00051	02	+	+		
Honington	586	82410	05465	36006	860//	05720	88701			586	72509	22054	32205	756//	05719	87637			586	97051	03	1 f d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> f f	+		
Wattisham	590	82407	04504	36005	860//	05819	88700			590	72711	28105	32706	756//	05716	87641			590	97041	04	1 d <sub>o</sub> f f	+		
Gorleston	497	82102	40106	36005	864//	05724	88715			497	82606	32102	32105	864//	06616	88716			497	91051	02	1 d <sub>o</sub>	+		
Aberporth	502	72906	61021	38907	755//	05809	87621			502	83014	61022	36708	854//	05609	88619			502	00051	53	+	+		
Ross-on-Wye	627									627	82001	24052	36001	855//	00615	88625			627	00511	54	ff	+		
Filton	628	70000	20104	38803	752//	03807	82703	87615		628	80000	17284	36601	854//	01708	88616			628	97511	52	f	ffFF		
Rhoose	715	13602	56054	39101	10930	50002	81362			715	82701	62054	36603	854//	02709	88618			715	97511	55	1 f	+		
Chivenor	707	71103	17284	39102	754//	02805	87617			707	83502	56021	36903	854//	02608	88619			707	00001	53	FF	+		
Mount Batten	827	03606	56100	39404	00900	03809				827	00305	69010	37405	00900	03606			827	00021	52	+	+			
St. Mawgan	817	13207	69014	39805	15400	05805	81616			817	73607	69021	37806	754//	04605	87617			817	97041	00	+	+		
Scilly	804	23507	81030	40308	25500	06607	82625			804	53505	81031	38508	55500	05602	85625			804	00071	03	+	+		
Culdrose	809	00000	72020	39705	00900	04504				809	03406	72020	37705	00900	03804			809	00041	54	+	+			
Guernsey	894	10000	50050	38007	15500	05711	81623			894	43307	58051	35906	45400	05713	82710	83616		894	00041	52	+	+		
Elmdon	534	72305	50042	37306	754//	03812	83618	87632		534	82708	68022	34107	855//	03715	88625			534	00051	02	+	+		
Cardington	559	82406	23105	37306	856//	05810	88635			559	82709	40052	33905	856//	04715	88633			559	97051	05	d <sub>o</sub> d <sub>o</sub>	+		
Wittering	462	82806	17105	36306	855//	05813	88627			462	72607	32042	32906	755//	05714	87622			462	00061	05	+	+		
Watnall	354	82205	23105	36606	863//	05809	88709			354	72510	56042	32406	755//	05723	87620			354	97041	02	d <sub>o</sub>	+		
Shawbury	414	82708	62021	37404	855//	00714	88623			414	82810	66022	34807	854//	05710	84617	88619		414	00041	02	+	+		
Finningley	360	82507	40042	35107	856//	05819	88638			360	72810	62022	30909	755//	06725	87626			360	00061	03	+	+		
Kilnsea	396	82712	16105	34406	809//	06724	88360			396	62815	63022	29407	609//	05629	86360			396	00050		+	+		
Leeming	257	81405	23284	34105	856//	04823	88630			257	13009	83031	30009	15500	05621	81625			257	00041	03	FF f	+		
Tynemouth	262	62513	66021	32608	656//	06818	86645			262	02822	74021	27909	00900	06729			262	00081	05	+	+			
Carlisle	222	82518	62022	33409	855//	07723	81620	88628		222	82310	59022	30909	855//	07712	84622	88628		222	00071	07	+	+		
Valley	302	82812	62022	37709	855//	06816	88622			302	83013	62022	36309	854//	05702	82616	88618		302	00081	07	+	+		
Ringway	334	82006	35042	36407	863//	06818	85707	88710		334	82709	62022	33809	855//	06508	88620			334	00061	06	+	+		
Squires Gate	318	72813	70032	35708	756//	07821	87633			318	72812	65012	33709	756//	07709	87635			318	00081	07	+	+		
Ronaldsway	204	82609	70032	36709	854//	06815	81713	88630		204	82609	72032	34810	854//	05703	81715	88629		204	00091	06	+	+		
Mull of Galloway	131	82516	74022	35109	809//	07820	88460			131	82812	82022	33309	809//	07712	88460			131	00061					
Eskdalemuir	162	32833	74011	31408	35600	05634	83636			162	72621	74031	30109	785//	05612	84822	86633		162	00071	05	+	+		
Prestwick	135	82512	60052	33910	854//	08717	81712	83626	88632	135	72815	64026	31510	755//	07608	83624	86630		135	97091	08	ir <sub>o</sub>	+		
Abbotsinch	140	72416	80026	32410	755//	07719	83625	87635		140	82315	80036	29911	855//	07506	88628			140	97091	08	ir <sub>o</sub>	+		
Leuchars	171	12311	74021	29307	15630	04217	81630			171	12618	82020	25111	15600	05719	81630			171	00061	01	+	+		
Dyce	091	12814	82021	27307	10930	03722	81365			091	52907	82031	22610	00902	05725	85072			091	00021	51	+	+		
Lerwick	005	82630	62206	17409	872//	07629	85705	88709		005	82628	48515	11909	872//	09724	88703			005	04082	07	dri d <sub>o</sub> </			



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40195

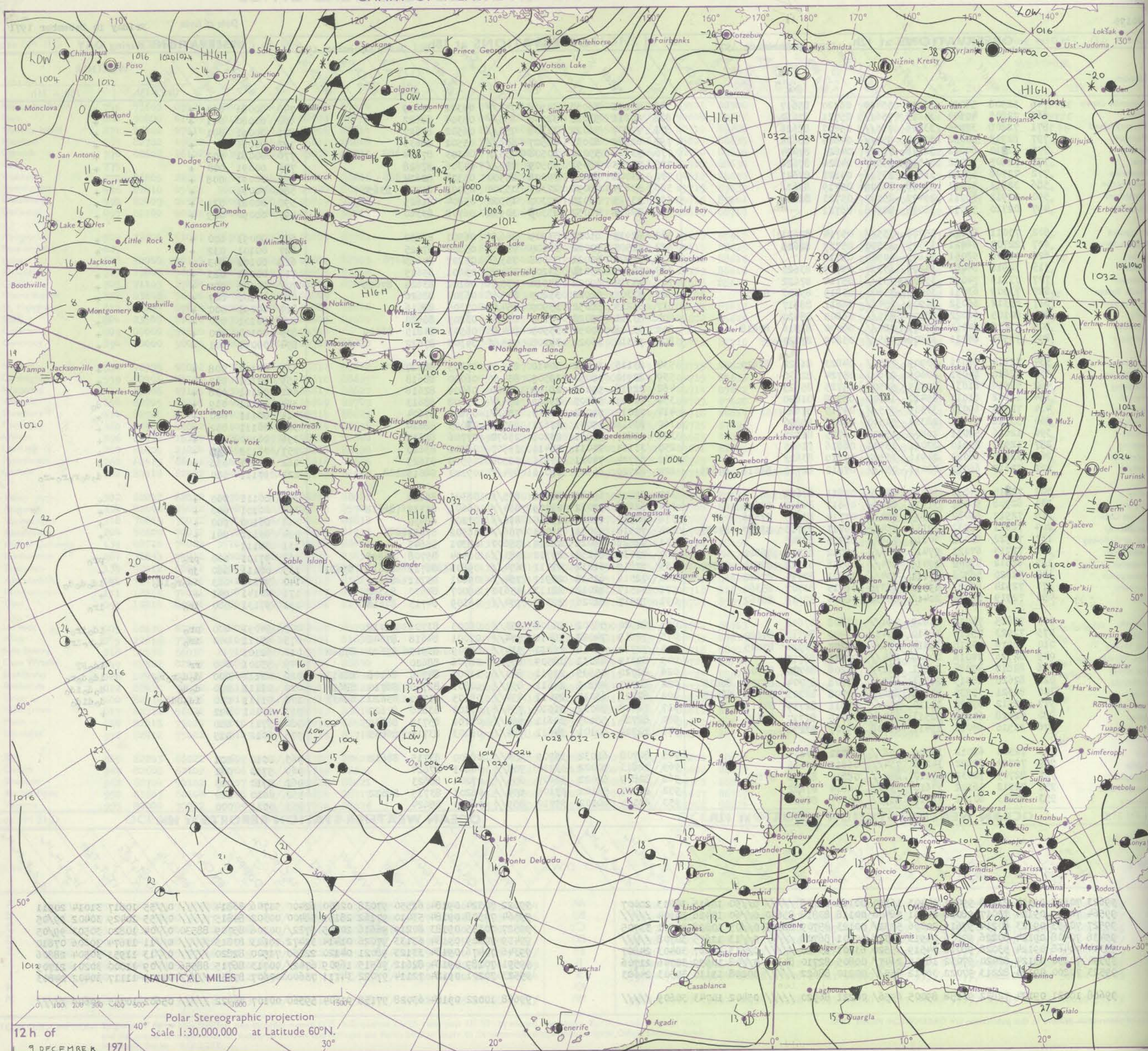
Date of Issue

Friday 10 December 1971

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		9 December 1971										9 December 1971																			
Station		iii	Nddff	VVwwVV	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwVV	PPPTT	N <sub>h</sub> Ch <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RTT <sub>x</sub> E	SSS	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down	746	52908	58054	33307	55400	06720	85617				746	73211	56052	31908	754//	04302	87619				746	00081	014	+	+						
Hurn	862	72805	40104	34205	756//	05721	87630				862	82811	58022	32708	855//	05304	88622				862	00080	011	+	+						
Thorney Island	871	72808	37054	33506	755//	05817	87626				871	72807	56022	31708	755//	06502	87627				871	00091	001	+	+						
Manston	797	82912	50052	30107	855//	04824	88622				797	62909	60031	28507	656//	05502	86635				797	00081		+	+						
Gatwick	776	72810	60012	32108	755//	04821	87624				776	73108	59022	30508	755//	04303	87624				776	00081	002	+	+						
Kew	775	72805	58052	31508	755//	04826	87626				775	72703	58051	30509	755//	04306	87628				775	00091	008	+	+						
Heathrow	772	72708	59022	31808	755//	04821	87623				772	23008	64011	30208	25500	05304	82624				772	00091	008	+	+						
Honington	586	32613	58011	29208	35500	05719	83622				586	32814	48050	27307	35300	05003	81708	83650			586	00091		+	+						
Wattisham	590	22912	56011	29407	25500	05721	82620				590	13115	56010	27307	15500	05804	81625				590	00081	029	+	+						
Gorleston	497	02710	50011	28008	00900	06721					497	32814	48051	25309	30930	06708	83360				497	00090	029	+	+						
Aberporth	502	73011	69022	35008	755//	05714	87623				502	82915	61022	33909	856//	06501	88630				502	00091	000	+	+						
Ross-on-Wye	627	22707	66021	33009	25500	05729	82625				627	72505	70022	32109	755//	05302	87625				627	00101	032	+	+						
Filton	628	02606	58051	33809	00900	05718					628	72904	62021	33008	755//	05207	87625				628	00101	043	+	+						
Rhoose	715	32916	64051	34209	35530	05719	83620				715	52917	65011	33207	55400	05601	85615				715	00091	023	+	+						
Chivenor	707	73113	74022	35609	755//	05714	87622				707	73314	69022	34510	755//	06102	83624	87629			707	00101	000	+	+						
Mount Batten	827	73309	63051	36009	75600	05819	85630	85650			827	83306	62022	35209	855//	06304	88626				827	00101	007	+	+						
St. Mawgan	817	83312	66032	36909	854//	06811	88617				817	83213	58052	35909	854//	07305	88616				817	00091	000	+	+						
Silly	804	80105	66022	38509	855//	06805	88620				804	83111	59022	37109	855//	06205	83620				804	00101	000	+	+						
Culdrose	809	73606	64011	37809	784//	06000	83816	87618			809	83308	60052	35509	884//	06503	84815	88619			809	00100	000	+	+						
Guernsey	894	73509	66021	35308	755//	05809	87620				894	73310	66022	34208	755//	04303	87622				894	00091	001	+	+						
Elmdon	534	72914	60031	30909	785//	04823	81822	87625			534	83113	58032	30410	855//	05305	88627				534	00101	008	+	+						
Cardington	559	22610	64051	30609	25600	05724	82630				559	82910	48051	29509	854//	06000	88618				559	00101	022	+	+						
Wittering	462	52916	61031	29109	55500	05725	85625				462	22918	59011	28109	25400	06004	82616				462	00101	038	+	+						
Watnall	354	12812	61011	29410	11500	05718	81820				354	82607	56505	29609	854//	07008	83613				354	97111	039	+	d <sub>o</sub>						
Shawbury	414	72913	69022	32309	755//	04715	87624				414	73012	74022	30910	755//	05604	87624				414	00111	000	+	+						
Finningley	360	53118	64031	28311	51500	06616	85820				360	83016	59041	27611	855//	07005	88624				360	00111	052	+	+						
Kilnsea	396	12816	58031	26808	15500	06725	81625				396	32825	61011	25208	25670	07706	82630				396	00100	045	+	+						
Leeming	257	12917	80010	27011	15501	06816	81625				257	33111	74011	26411	35500	08301	83620				257	00131	040	+	+						
Tynemouth	262	32825	66020	24911	35500	07719	83625				262	52724	74021	24611	55500	09508	85625				262	00111	036	+	+						
Carlisle	222	72615	66032	28011	754//	07812	82710	83618	87625		222	82720	66615	27011	854//	09303	88615				222	97111	000	+	d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> r <sub>o</sub> -r <sub>o</sub>						
Valley	302	72815	74012	33910	755//	07811	87622				302	82816	69022	32910	855//	08301	88620				302	00111	000	+	+						
Ringway	334	82708	58032	31509	854//	06613	84714	88622			334	62816	57012	29409	654//	06601	81712	86618			334	00101	000	+	+						
Squires Gate	318	72917	65032	31509	754//	07714	83615	87626			318	82923	62022	29610	856//	07201	88630				318	00100	000	+	+						
Ronaldsway	204	72611	72032	32111	754//	06711	81713	83617	87635		204	72510	63032	31011	756//	06502	87633				204	00111	001	+	+						
Mull of Galloway	131	72722	63022	30210	756//	08715	87645				131	52828	66022	29210	55600	08301	85645				131	00111									
Eskdalemuir	162	72715	67021	27410	723//	07012	85708	86820			162	73030	66258	25710	783//	08504	85708	86820			162	97101	000	pr <sub>o</sub>	pr <sub>o</sub>						
Prestwick	135	82512	59042	29410	854//	09508	81712	85714	88820		135	62819	61012	27311	654//	09803	81712	83616	85621		135	00111	000	jp	+						
Abbotsinch	140	72520	56506	27111	754//	10801	82714	87622			140	72516	62515	25911	754//	09801	83711	87622			140	97111	003	id <sub>o</sub> r <sub>o</sub> id <sub>o</sub>	id <sub>o</sub> d <sub>o</sub> d <sub>o</sub>						
Leuchars	171	72514	82021	23012	18379	08715	81707	85360			171	52517	82012	22112	45630	08007	84630	83362			171	00141	041	+	+						
Dyce	091	72919	75021	20412	55432	08806	85618	86362			091	72917	82026	20312	754//	08109	84715	87618			091	97131	000	ir <sub>o</sub>	ir <sub>o</sub>						
Lerwick	005	72825	74018	11609	754//	04808	87618				005	82920	58502	12308	853//	06003	83706	86712			005	94091	000	pr <sub>o</sub>	id <sub>o</sub> ir <sub>o</sub>						
Wick	075	72923	75216	18310	68437	09400	84710	84620			075	72819	74022	18410	754//	07001	84618	87640			075	97111	000	ir <sub>o</sub>	d <sub>o</sub> r</						



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



12 h of  
9 DECEMBER 1971

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



# CHARTS OF WEATHER IN WESTERN EUROPE

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Cloud  
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6  
7 or more  
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Obscured  
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Wind  
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(knots)

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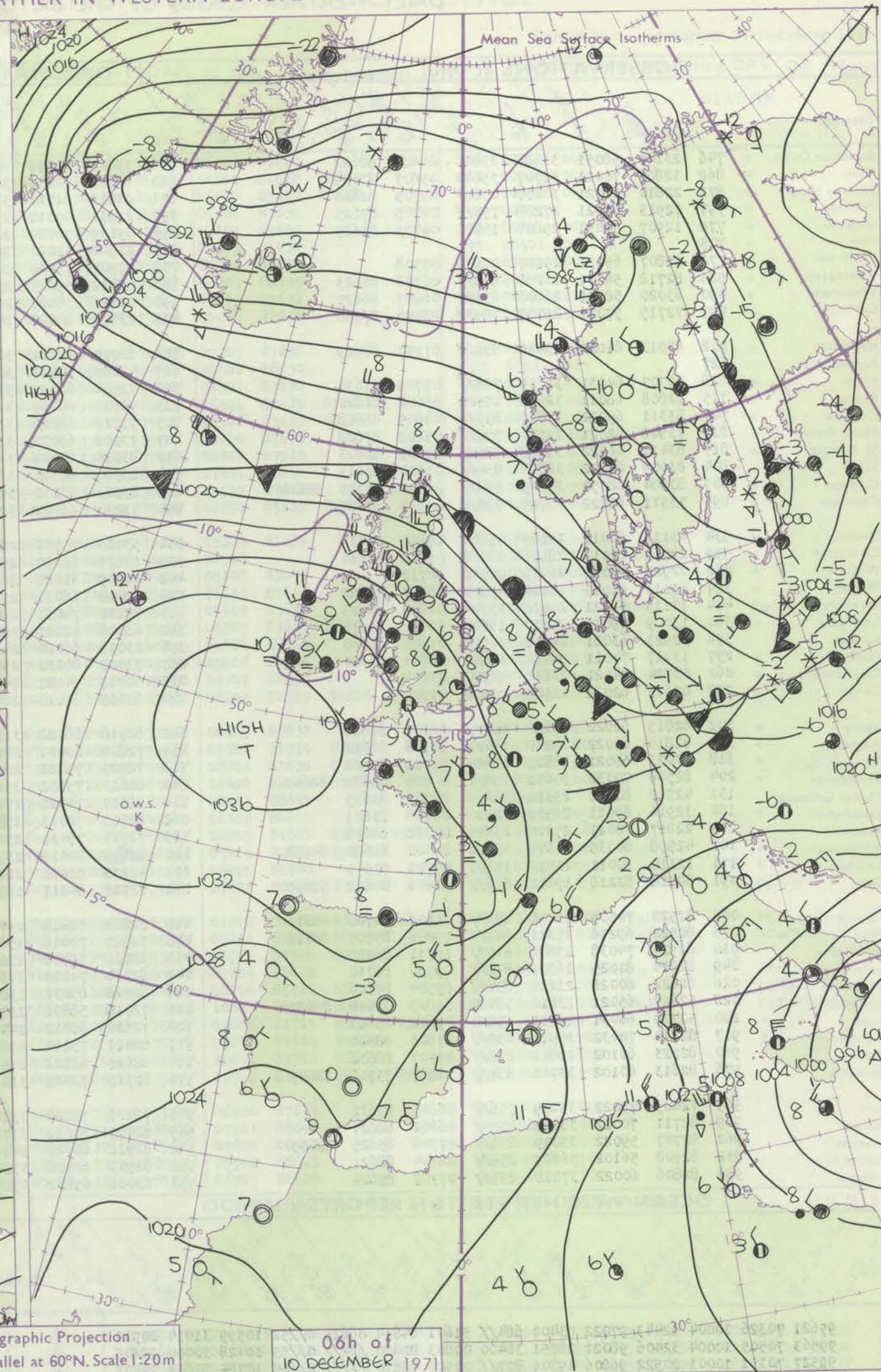
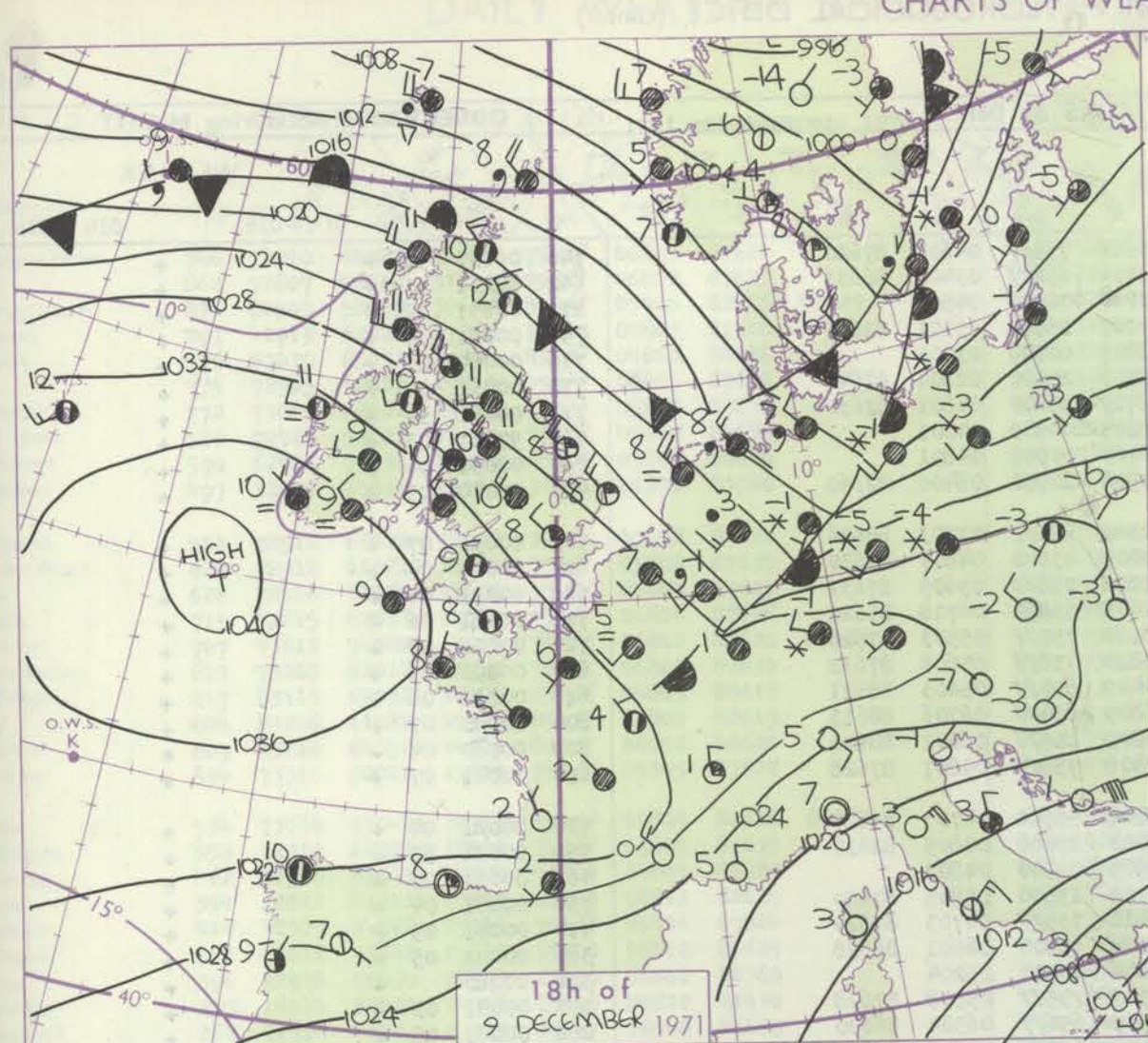
3-7

8-12

13-17

Additional  
er add

48-52



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The large anticyclone has remained almost stationary just southwest of Ireland and is expected to remain in that vicinity. Two depressions, one on the Norwegian coast and the other on the Greenland coast of the Denmark Straits, will move east along the arctic circle. Two other less mobile depressions, also about 1000 miles

from the centre of the high, are located in the eastern Mediterranean and in central Atlantic. Minor waves are expected to run along the polar front from the Atlantic low to north Scotland to Germany to Italy. Meanwhile the mild stable westerly airstream will continue to affect the British Isles for at least another 24 hours.

Issued at midday Friday 10 December 1971



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



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

Date of Issue Saturday 11 December 1971

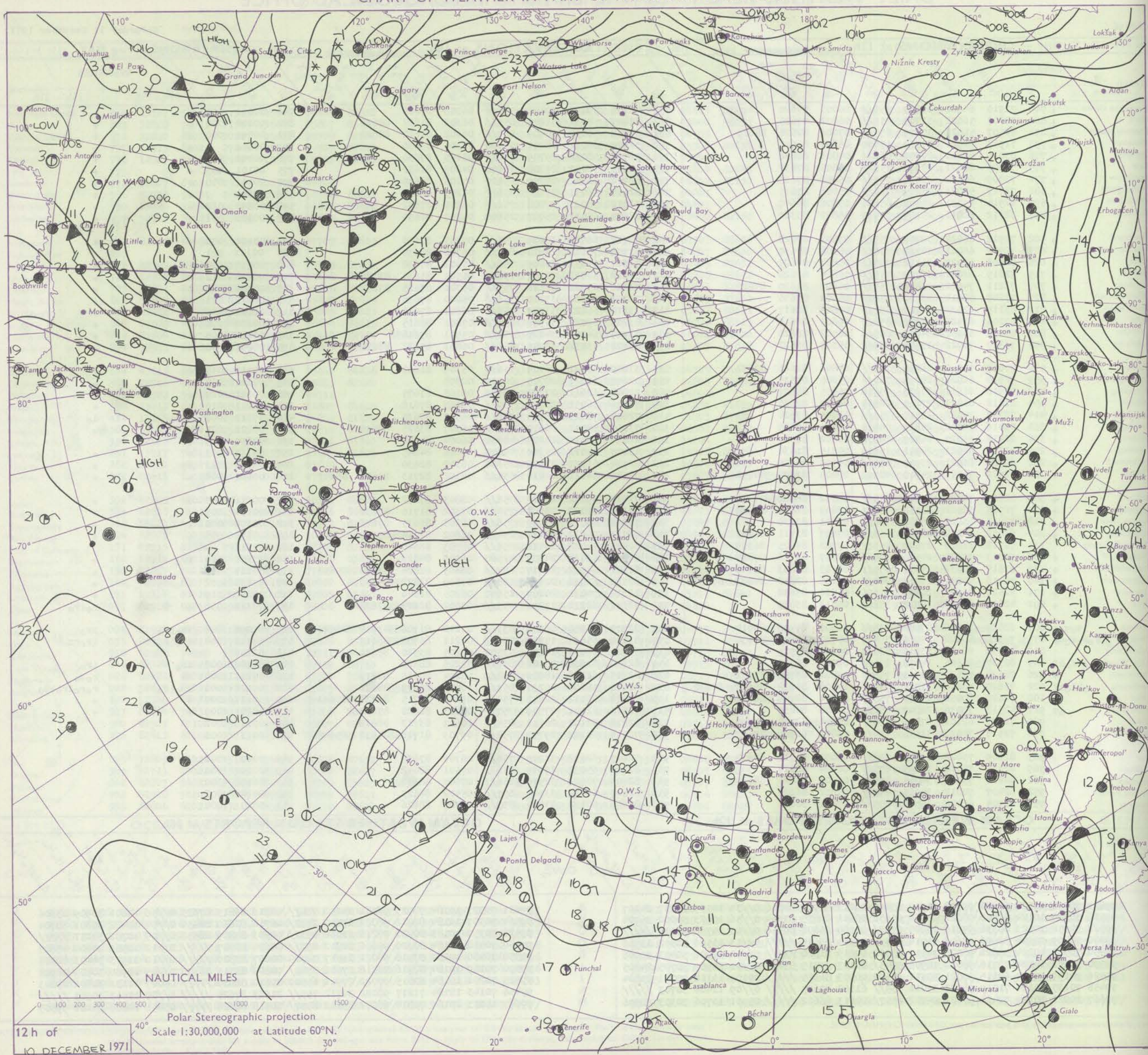
No. 40196

OBSERVATIONS at 12h. 10 December 1971										OBSERVATIONS at 18h. 10 December 1971										OBSERVATIONS during DAY			
Code FM II.D																				WEATHER			
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	RRTT <sub>xx</sub>	SSS	09h.—15h.	15h.—21h.
Boscombe Down	746	72910	64022	30609	755//	06803	87620			746	72706	59022	30508	755//	06303	87620			746	00091	000	+	+
Hurn	862	72807	56022	31709	755//	06802	87625			862	82807	58032	31209	855//	06301	81622	88629		862	00100	000	+	+
Thorney Island	871	82507	58021	30609	855//	07006	82626	88629		871	82607	50052	30409	855//	06102	85622	88628		871	00091	000	+	+
Manston	797	12913	62021	27209	15600	05807	81640			797	32909	66011	28407	35600	05306	83630			797	00091		+	+
Gatwick	776	83010	65031	29609	855//	04803	88628			776	72706	58022	29709	756//	05105	87630			776	00101	007	+	+
Kew	775	72905	66021	29310	756//	04805	87632			775	12603	58051	29308	15600	04205	81632			775	00101	003	+	+
Heathrow	772	73009	68022	29410	755//	05802	87625			772	62706	66012	29209	65600	05105	86630			772	00101	000	+	+
Honington	586	72713	58021	26809	756//	05803	87635			586	82610	56031	27108	856//	05205	88639			586	00091		+	+
Wattisham	590	62914	59031	26909	65600	05806	86640			590	72812	58021	27408	756//	05205	87632			590	00091	022	+	+
Gorleston	497	32712	60011	25109	30930	06802	83360			497	22609	60011	25407	25600	05207	82630			497	00100	041	+	+
Aberporth	502	72912	66022	32409	755//	07602	87628			502	72915	66022	30909	756//	07705	87630			502	00101	000	+	+
Ross-on-Wye	627	72912	66021	30110	756//	05608	87630			627	82708	70022	29910	856//	05702	88630			627	00111	021		+
Filton	628	72508	62022	31110	755//	05804	87625			628	72804	64051	30609	756//	05301	87630			628	00110	000	+	+
Rhoose	715	72815	62031	31709	755//	06804	87626			715	32812	62011	31307	15609	06501	81630	83180		715	00100	012	+	+
Chivenor	707	73211	74022	33410	755//	06802	81620	87627		707	73210	69022	32510	755//	05701	83625	87634		707	00101	000	+	+
Mount Batten	827	73208	62012	33710	756//	06802	87630			827	73208	66022	33110	756//	05000	87638			827	00111	001	+	+
St. Mawgan	817	83115	62032	34509	854//	04803	88617			817	73310	66022	33709	754//	06801	87618			817	00101	000	+	+
Scilly	804	83206	61022	35909	854//	06801	88615			804	83205	69022	34909	854//	07801	88615			804	00100	000	+	+
Culdrose	809	83210	64052	34909	855//	06002	88620			809	73309	64052	34009	754//	05501	87618			809	00100	000	+	+
Guernsey	894	73310	70022	33609	755//	05305	87622			894	83408	63032	33009	855//	06801	85622	88628		894	00091	000	+	+
Elmdon	534	73014	59042	28910	755//	04804	82626	87632		534	33009	58041	28509	15630	05309	81630			534	00111	015	+	+
Cardington	559	72910	62021	28710	756//	05805	87635			559	02607	62011	28703	00900	02308				559	00101	007	+	+
Wittering	462	52916	61011	27209	55500	05805	85627			462	12808	62011	27707	00901	05108	81075			462	00101	029	+	+
Watnall	354	22812	61011	27210	28500	06812	82820			354	72811	56051	28009	754//	06107	87618			354	00101	016	+	+
Shawbury	414	72707	74022	29710	755//	05804	87624			414	72808	78025	28909	756//	05503	87630			414	97111	000	do do	do
Finningley	360	53016	59042	25811	55500	06810	85625			360	73009	58042	26610	755//	06307	83625	87635		360	00121	025	+	+
Kilnsea	396	22918	66020	24709	20970	06802	82360			396	42820	66011	24809	40970	06004	84360			396	00090	049	+	+
Leeming	257	13114	82021	24911	15600	04810	81630			257	43007	74011	25309	45600	05006	84645			257	00131	053	+	+
Tynemouth	262	62720	66021	23910	655//	06500	86625			262	22714	61021	23509	25600	06307	82630			262	00111	022	+	+
Carlisle	222	42722	74011	24910	48500	07809	81825	84650		222	62515	64011	24610	654//	08102	82713	83628	85643	222	00101	002	+	+
Valley	302	82815	74022	30911	855//	07802	88624			302	72817	69032	29410	756//	08803	87632			302	00111	000	+	+
Ringway	334	72715	58022	28510	754//	07803	81612	87628		334	72712	57022	28203	754//	07302	81710	87630		334	00101	005	+	+
Squires Gate	318	72814	65022	28709	756//	08201	87630			318	72810	63012	27909	756//	08203	81635	87646		318	00100	000	+	+
Ronaldsway	204	62412	66012	28710	654//	07807	82711	86645		204	62711	75032	28410	654//	06602	82715	85650		204	00111	005	+	+
Mull of Galloway	131	72718	81012	27509	4553/	07202	84625	86365		131	82415	74022	26410	856//	08703	88645			131	00111			
Eskdalemuir	162	72713	70031	24510	784//	04807	82716	87819		162	41908	69018	24309	42500	06309	84820			162	97101	000	pro	+
Prestwick	135	62615	60032	25411	656//	08503	84633	85640		135	62621	64012	24110	685//	08805	81824	83834	85650	135	00111	002	idopro	+
Abbotsinch	140	72418	70031	23711	784//	07106	82818	84623	87634	140	62522	62018	22611	685//	07809	82822	85630		140	97121	002	idopro	+
Leuchars	171	52520	81021	20412	55600	06810	85638			171	12314	70011	20209	15600	06205	81640			171	00131	019	+	+
Dyce	091	42618	83011	17911	35602	05813	83635			091	72512	82211	17511	755//	07002	82624	87628		091	97121	036	+	roiro
Lerwick	005	62824	74256	07908	633//	06801	81708	83914		005	82910	74258	09606	833//	01212	81708	83914	88640	005	01091	008	iropro	pro
Wick	075	72826	66602	14011	754/2	08712	82612	86630		075	83014	65636	15708	853//	07211	85708	88615		075	94101	000	idairoir	iroirr
Sule Skerry	010	52730	66018	13110	53400	09212	85915			010	52724	74038	14109	53500	06205	83920	85630		010	02101			
Cape Wrath	049	82334	66606	14610	874//	09204	88710			049	82332	81606	15108	855//	07206	88620			049	01101	000	iro	iro
Stornoway	026	72624	57622	18311	753//	09802	83708	87612		026	82715	61206	18609	864//	08204	85710	88719		026	07111	000	RR	rodo
Benbecula	022	72620	58206	21311	754//	10806	84712	85620	87640	022	82616	58606	20210	853//	10803	85709	88616		022	01111	000	idairo	roairo
Tiree	100	72620	60052	24111	755//	09804	82628	86645		100	72618	62012	22811	754//	09805	81715	85624	87643	100	00111	000	+	+
Aldergrove	917	42513	70036	28809	45600	07400	84630			917	72611	62041	27509	755//	08803	81620	87630		917	00101	009	+	+
Malin	980	72623	62101	27511	754//	09804	82715	87640		980	82618	62102	26511	854//	10601	83713	88635		980	0011	002		
Belmullet	976	72517	70022	31111	754//	08801	81716	87637		976	72518	60102	29711	754//	09703	81716	84636	85645	976	0011	000		
Birr	965	82609	75022	33210	854//	06002	81718	88634		965	72405	62032	31209	756//	06706	87634			965	0010	001		
Dublin	969	82611	75022	31009	855//	06804	88627			969	82712	65032	29909	856//	07501	88642			969	0010	000		
Shannon	962	82610	75022	34010	855//	07002	83625	88630		962	82409	70022	32510	856//	07604	88632			962	0010	000		
Roches Point	952	62407	70012	34910	655//	07802	86623			952	82807	62032	33709	855//	05502	88623			952	0010	001		
Valentia	953	82905	65022	35510	855//	07801	88626			953	82807	60102	33910	855//	06707	88626			953	0010	000		

OCEAN WEATHER STATION REPORTS at 12h.	
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## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
abols

UD  
Cloud  
Amount  
(oktas)

0

1 or less

2

3

4

5

6

7 or more

8

Obscured  
by fog or  
other data.

HER

Weather

1

2

3

4

5

6

7

8

9

10

11

12

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14

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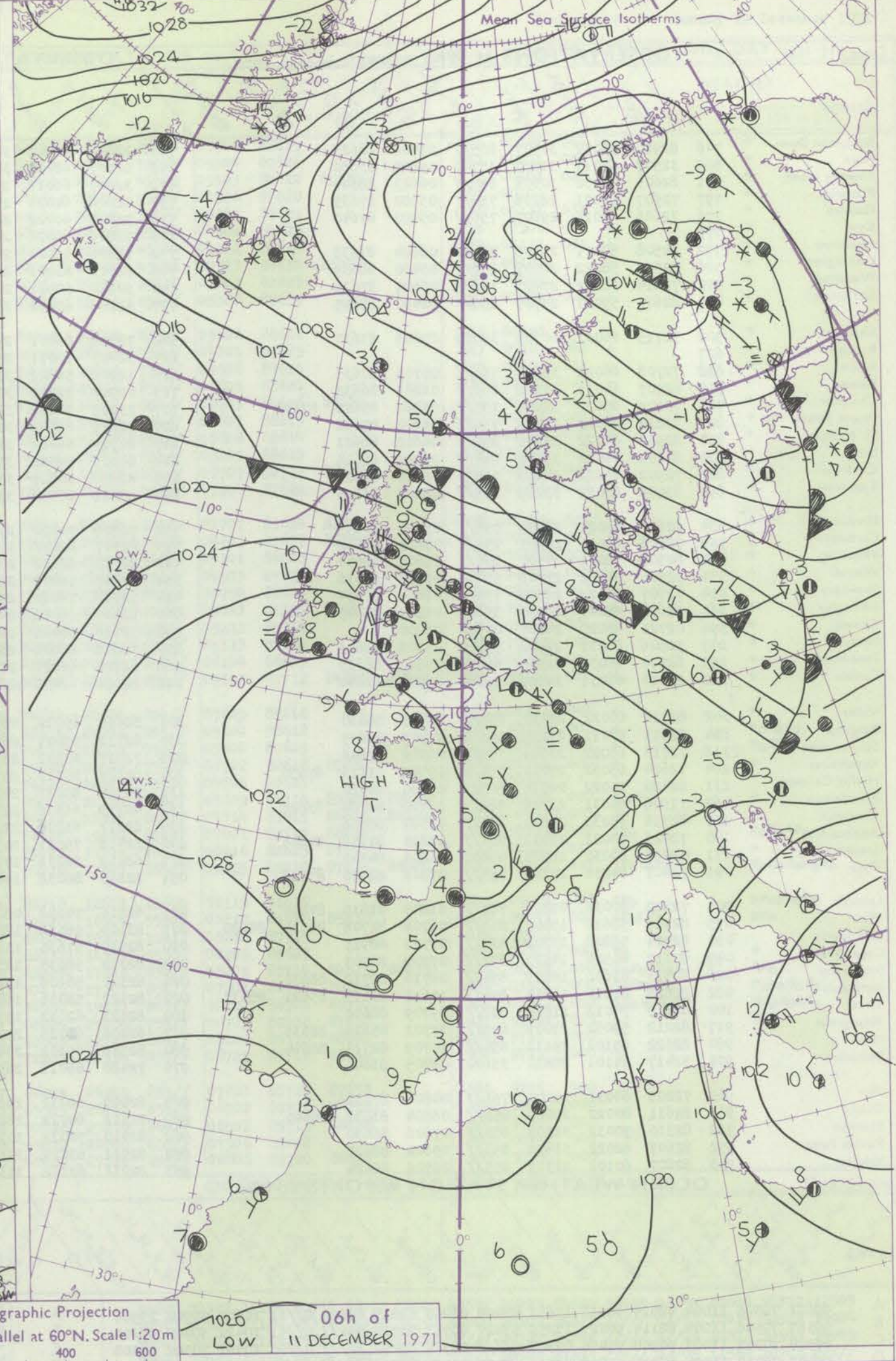
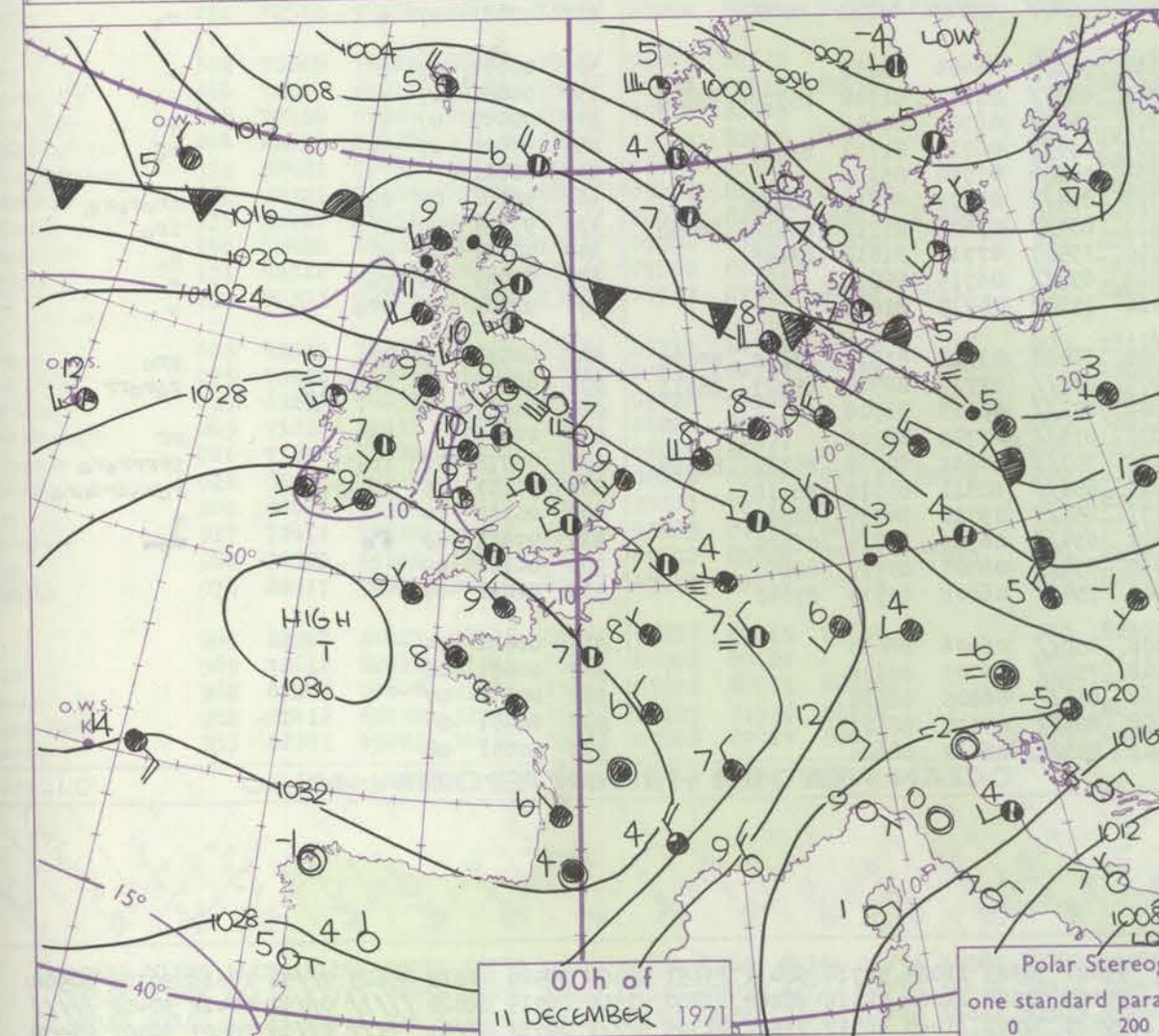
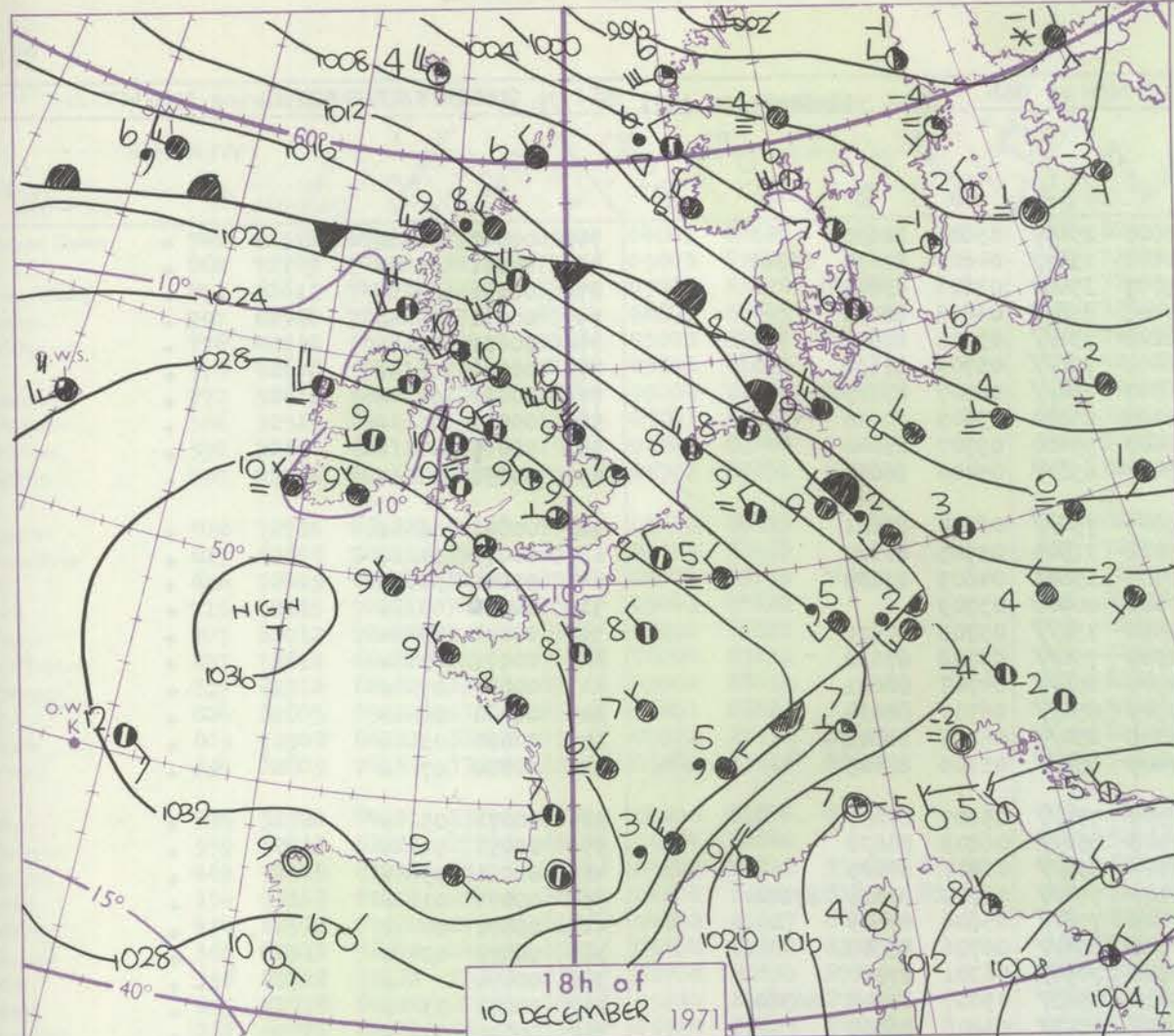
36

37

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39

40



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone, centred over the Biscay area, has remained almost stationary. Apart from north Scotland, a mild cloudy westerly airstream, circulating the high, has affected the whole of the British Isles. Minor waves have moved rapidly eastwards along a stationary frontal trough, stretching from west of

Scotland to Denmark. Little change is expected during the next 24 hours. The anticyclone over Biscay will remain stationary and further undeveloped waves are expected to run across central and northern Scotland from the west.

Issued at midday Saturday 11 December 1971



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

OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
11 December 1971										11 December 1971																			
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER							
																						21h.—03h.	03h.—09h.						
Boscombe Down	746	82910	58052	30307	855//	05706	88623			746	22810	61011	30005	25600	05803	82630			746	00041	51	+	+						
Hurn	862	32507	65011	31207	35700	05805	83650			862	62507	68021	30608	1567/	04605	81630	86362		862	00061	03	+	+						
Thorney Island	871	82605	58052	30608	856//	06603	88644			871	32907	66011	29707	35600	05806	83645			871	00061	03	+	+						
Manston	797	72907	64021	28208	756//	05500	87635			797	82806	64022	27608	856//	06605	88632			797	00071	06	+	+						
Gatwick	776	72606	66011	29807	756//	05400	87640			776	72808	66022	28808	756//	05705	87642			776	00051	03	+	+						
Kew	775									775	72806	66022	28408	756//	05707	87638			775	00081	06	+	+						
Heathrow	772	72508	59021	29108	756//	06604	87638			772	72506	59022	28307	756//	06707	87635			772	00071	05	+	+						
Honington	586	82512	58022	27007	856//	05400	88639			586	22513	61031	26107	25600	05605	82640			586	00071	05	+	+						
Wattisham	590	72814	58022	27407	756//	05501	87636			590	52814	50021	26607	55600	05707	85640			590	00061	04	+	+						
Gorleston	497	82613	59021	25709	856//	06400	88645			497	62508	60032	25407	656//	05400	86642			497	00050	03	+	+						
Aberporth	502	32715	66031	30709	35600	07803	83637			502	72718	66031	29809	756//	06704	87631			502	00081	06	+	+						
Ross-on-Wye	627									627	32407	70011	29008	31500	05705	83825			627	00071	04	+	+						
Filton	628	72708	66022	30609	756//	05705	87635			628	12902	58021	30105	15601	04605	81635			628	97040	51	+	+						
Rhoose	715	62907	66011	31508	656//	06803	86632			715	02907	70011	30306	00900	05709			715	00051	03	+	+							
Chivenor	707	73109	69022	32410	755//	05502	85626	87633		707	73011	74012	31510	755//	05705	87626			707	00091	08	+	+						
Mount Batten	827	72810	66022	33409	756//	06802	87632			827	72811	69022	32309	756//	05708	87632			827	00071	05	+	+						
St. Mawgan	817	82910	69022	33909	855//	06602	88621			817	82910	66022	32709	855//	04707	88621			817	00081	07	+	+						
Scilly	804	83104	74022	35009	854//	06400	88614			804	83103	74022	33909	854//	06707	88614			804	00080	06	+	+						
Culdrose	809	72902	69022	34208	755//	06000	87620			809	82806	66022	33308	854//	05605	88618			809	00080	03	+	+						
Guernsey	894	83009	80022	33209	855//	05102	88625			894	83211	80022	33409	855//	05706	88625			894	00080	07	+	+						
Elmdon	534	72607	65021	28409	756//	05706	87639			534	72508	70022	27309	756//	05807	87637			534	00071	05	+	+						
Cardington	559	72508	66011	28807	756//	05604	87638			559	82411	62022	27508	856//	06808	88638			559	00051	51	+	+						
Wittering	462	82508	58021	27507	856//	05605	88636			462	82710	62031	26307	855//	06807	88625			462	00061	05	+	+						
Watnall	354	52506	56052	27708	55400	06707	85616			354	72407	56051	26107	754//	06709	83615	87640		354	00051	01	+	+						
Shawbury	414	72707	74022	28509	756//	06804	87634			414	72713	74012	27409	756//	05606	87635			414	00071	04	+	+						
Finnigley	360	32608	48041	26009	35600	06807	83645			360	82507	66011	24609	856//	06706	88648			360	00071	02	+	+						
Kilnsea	396	02720	66020	24807	00900	06400				396	72616	66031	24108	7097/	06301	87360			396	00070		+	+						
Leeming	257	52606	80011	24908	55600	05708	85643			257	72818	82031	23010	4563/	05607	84645	86360		257	00071	03	+	+						
Tynemouth	262	62720	66031	22310	656//	06810	86635			262	62720	66031	21009	6093/	06806	86358			262	00091	07	+	+						
Carlisle	222	22416	66031	24109	25600	08708	82640			222	82616	62211	22409	854//	08715	81711	88647		222	97091	07	+	ro						
Valley	302	82716	66022	29210	856//	08805	88630			302	52618	69012	28110	55600	06606	85632			302	00091	07	+	+						
Ringway	334	22613	57011	27209	25600	07709	82635			334	82712	59021	26309	853//	07801	81708	85710 88630		334	00081	07	+	+						
Squires Gate	318	72713	65022	27309	756//	08706	87646			318	72817	63012	26109	756//	08704	87646			318	00090	07	+	+						
Ronaldsway	204	72614	65032	27210	754//	07709	81715	87650		204	62620	70016	25709	654//	06711	81712	86646		204	97091	07	ro	ro						
Mull of Galloway	131	82420	74022	26710	8092/	09500	88460			131	52525	83012	24709	50930	07710	85360			131	00081									
Eskdalemuir	162	71908	64031	23709	783//	06706	83709	83820		162	82719	61616	21708	854//	06706	84710	88628		162	96081	05	ro	irororo						
Prestwick	135	82516	65032	24010	857//	09507	88656			135	82617	61216	22211	854//	07608	81713	86636 88650		135	97101	09	+	iror						
Abbotsinch	140	72423	70022	21911	754//	07810	81618	87645		140	32418	75011	20510	35400	07711	81618	83645		140	00101	09	+	+						
Leuchars	171	42417	80030	19609	45600	06805	84645			171	62418	82036	17109	657//	06715	86650			171	97081	05	ro	+						
Dyce	091	72407	84036	17109	755//	07806	82620	87628		091	22815	86038	14410	15602	04717	81632			091	97081	05	pro	+						
Lerwick	005	72822	80038	09806	784//	01805	81815	87645		005	62815	74258	08005	38403	03713	81815	83640 85070		005	02031	01	pro	pro						
Wick	075	82911	58616	15407	853//	06706	82708	86614 88620		075	83109	58636	12007	852//	07717	82704	85707 88613		075	08062	06	irororo	rororr						
Sule Skerry	010	82924	58808	13708	834//																								



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

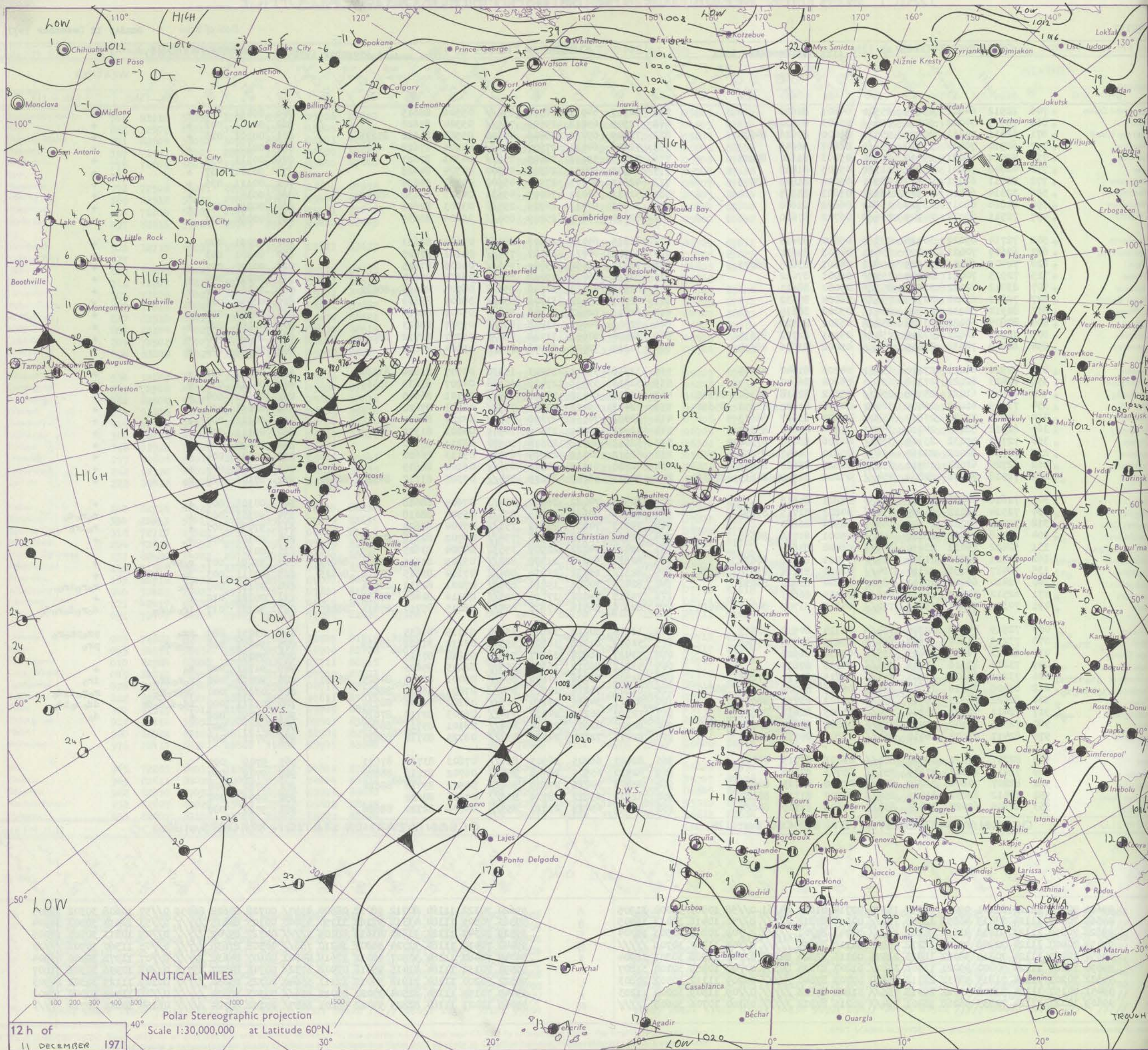
No. 40197

Date of Issue Sunday 12 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
11 December 1971										11 December 1971										11 December 1971					
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	T <sub>E</sub>	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	22912	64021	29909	25501	04801	82620			746	82917	64021	28308	854//	05506	88615			746	00091	041	+		+	
Hurn	862	72709	70022	30510	756//	05803	87630			862	72509	65012	29509	755//	05504	87626			862	00101	002	+		+	
Thorney Island	871	62611	74031	30209	55531	05000	83626	84634		871	72909	69022	28809	45508	05503	84622	85275		871	00101	026	+		+	
Manston	797	62910	70022	27310	656/1	06807	86645			797	72506	64031	27907	755//	04206	87628			797	00101		+		+	
Gatwick	776	42512	65021	29410	10932	05003	81360	84075		776	72207	59031	28605	755//	04301	87621			776	00111	039	+		+	
Kew	775	42608	70021	28510	11532	05803	81820			775	42505	58051	28308	45500	04304	84628			775	00101	037	+		+	
Heathrow	772	52611	68021	28610	28541	05000	81820	83075		772	42607	60011	27907	45500	04302	84624			772	00111	035	+		+	
Honington	586	32514	64011	26109	38532	05803	81825			586	52311	62031	26007	45631	04303	84630	83078		586	00101		+		+	
Wattisham	590	22816	62011	26709	15602	06802	81640			590	32711	60011	26705	25530	03303	82628			590	00091	011	+		+	
Gorleston	497	72511	60032	24909	756//	06702	87630			497	82610	59032	25209	856//	05306	88639			497	00090	007	+		+	
Aberporth	502	72714	69022	30138	755//	05000	87623			502	82815	64012	28608	855//	05602	88621			502	00091	000	+		+	
Ross-on-Wye	627	62609	70021	29210	55601	04103	85630			627	72706	60021	28507	755//	04101	87625			627	00101	043	+		+	
Filton	628	72409	64051	30209	35601	04001	83635	86075		628	72612	58052	29009	755//	04606	87625			628	00100	037	+		+	
Rhoose	715	72915	70021	30509	755//	05001	87622			715	82612	66022	29008	855//	06805	88620			715	00090	000	+		+	
Chivenor	707	83012	72022	31510	855//	05000	88621			707	82812	69022	30209	854//	06705	84616	88622		707	00101	000	+		+	
Mount Batten	827	72811	66022	32709	756//	06004	87632			827	82709	59022	31308	854//	06607	88619			827	00091	001	+		+	
St. Mawgan	817	82912	62032	32908	854//	03002	88614			817	82811	62022	31308	854//	05808	88614			817	00091	000	+		+	
Scilly	804	82805	69022	33608	855//	06801	88623			804	82505	74022	31808	855//	05707	88623			804	00090	000	+		+	
Culdrose	809	72908	66022	33208	754//	05301	82712	87614		809	82604	60052	31708	854//	05707	82712	88615		809	00080	000	+		+	
Guernsey	894	82809	78032	33009	854//	05002	83616	88624		894	72910	72022	31808	755//	05604	87620			894	00101	002	+		+	
Elmdon	534	52920	64021	27210	15631	04206	81640	83364		534	32818	59011	26207	15530	03707	81624	83364		534	00100	023	+		+	
Cardington	559	62413	62022	27308	65600	06804	86640			559	52411	59032	27406	35630	04207	83638	85359		559	00111	015	+		+	
Wittering	462	72505	61022	25908	2547/	05802	82618	85360	87362	462	62812	64012	25508	655//	04101	86625			462	00101	004	+		+	
Watnall	354	73109	61022	25409	38542	04806	81820	83650	85360	354	72412	59022	25508	755//	04503	87620			354	00091	000	+		+	
Shawbury	414	62913	77022	27810	65500	04802	83627	86635		414	82708	74032	27308	855//	03204	88620			414	00101	003	+		+	
Finningley	360	82912	58042	24010	3577/	05804	83650	83359		360	42911	59041	23908	10941	04003	81359	84072		360	00111	000	+		+	
Kilnsea	396	72722	57032	23109	3567/	06706	83630	87360		396	52712	66012	23508	50970	05211	85360			396	00090	004	+		+	
Leeming	257	72718	82022	22210	4567/	05810	84645	87359		257	62612	80012	22909	655//	05113	86620			257	00111	004	+		+	
Tynemouth	262	62725	61022	18510	3553/	06825	83625	86359		262	62820	61022	20210	656//	06104	86635			262	00101	000	+		+	
Carlisle	222	72518	70036	22809	754//	07002	81712	84615	87632	222	82513	58042	22209	854//	07305	81712	84620	88627	222	97101	000	ro		+	
Valley	302	72616	74021	28410	754//	05801	87618			302	82515	74022	26610	854//	07605	88618			302	00101	000	+		+	
Ringway	334	72514	62012	26509	754//	04803	81715	87630		334	82512	62616	26509	854//	05500	88618			334	97101	003	+		ro ro do	
Squires Gate	318	72719	67022	25909	65601	06804	86640			318	72815	70032	25509	755//	05400	87629			318	97090	001	+		ro ir ro	
Ronaldsway	204	62418	75022	25810	654//	05001	81716	86650		204	72511	75022	24910	754//	06702	82616	87632		204	00101	000	+		+	
Mull of Galloway	131	52422	74032	23610	32501	06400	83825			131	42414	74022	22909	35530	04704	83625			131	00101					
Eskdalemuir	162	82721	62806	21209	885//	05201	83820	86634		162	82612	66038	21309	884//	05309	81715	83824	88635	162	91091	007	ro pro		+	
Prestwick	135	72417	68156	22110	784//	08010	81714	83816	87630	135	82312	65032	21910	884//	07314	81815	84618	86625	135	00111	003	jp		+	
Abbotsinch	140	72420	66021	20011	7853/	07804	83820	86630		140	82419	70026	19810	854//	07001	82712	88616		140	97111	000	ir o		ro ro ir o	
Leuchars	171	62512	74011	16611	656//	07305	86637			171	72315	74022	17710	755//	08216	82625	87631		171</						

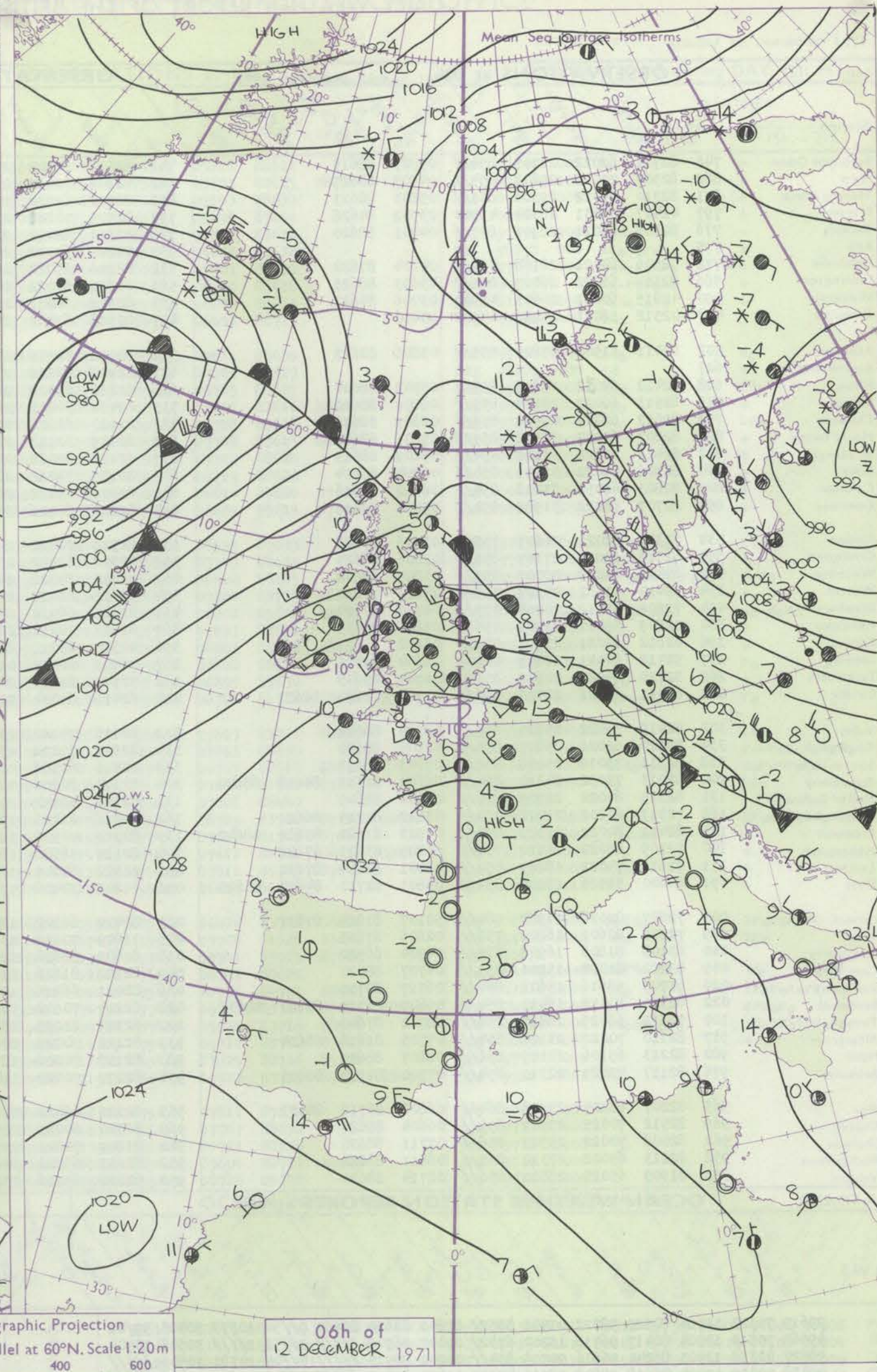
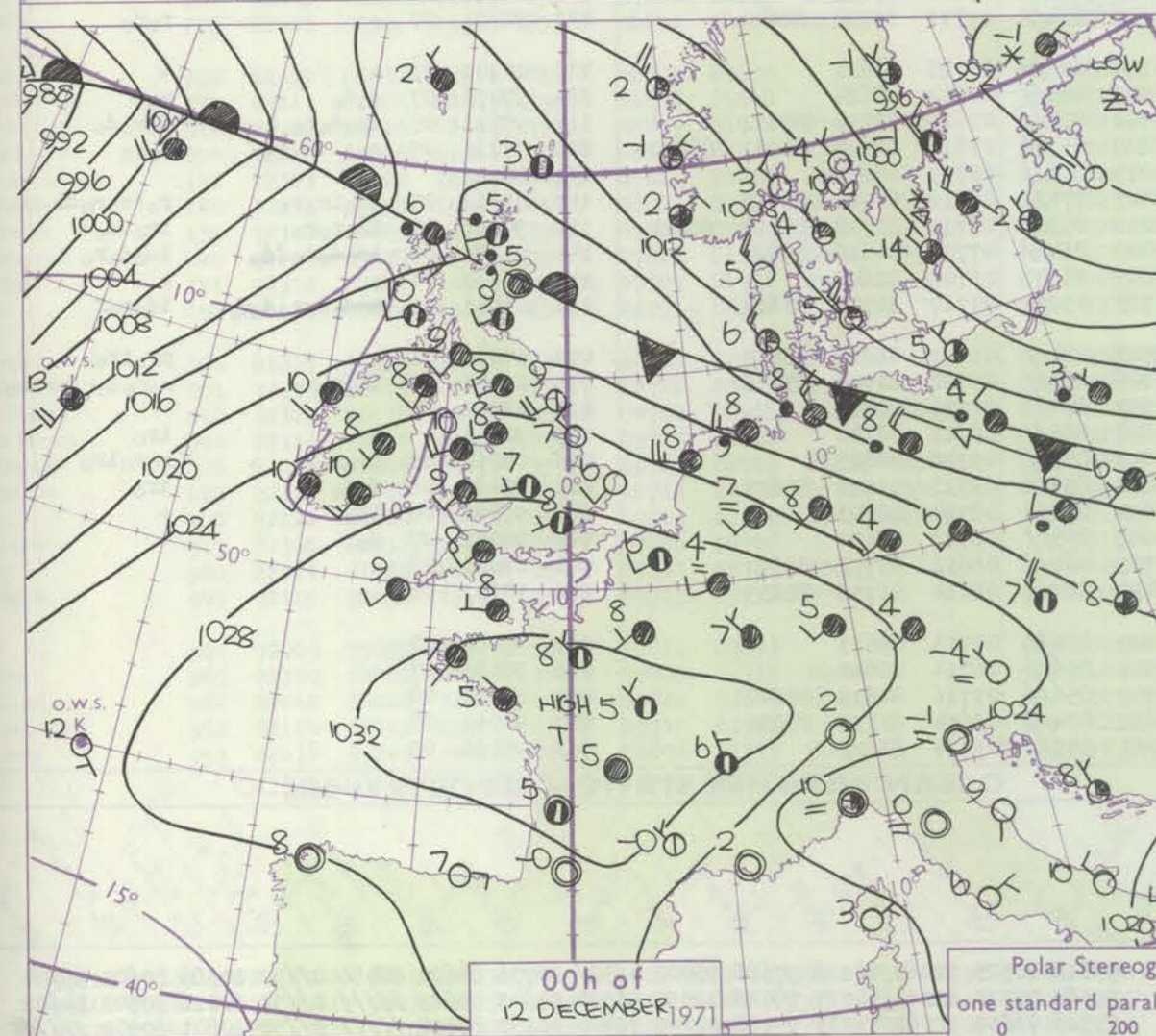
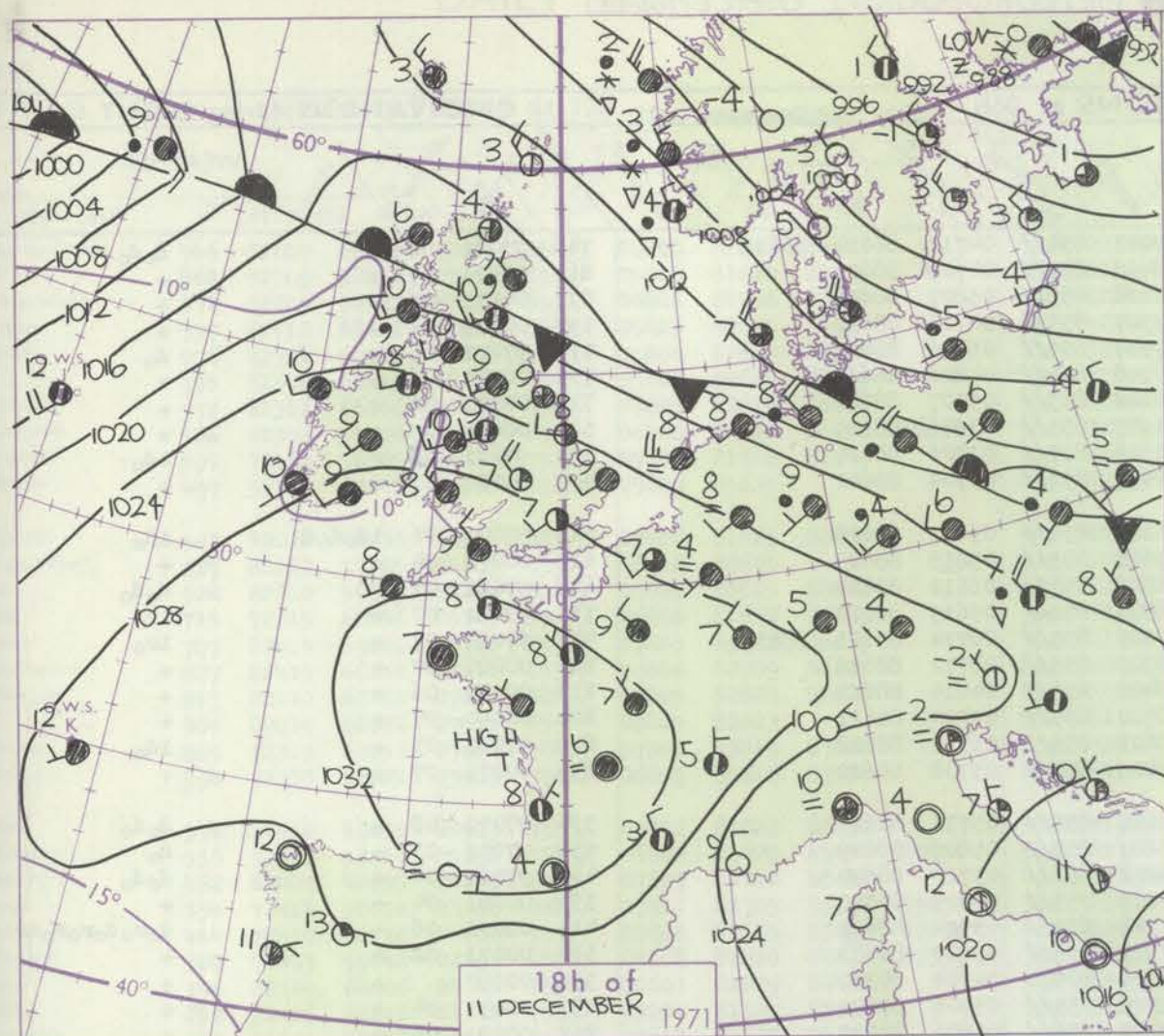


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over Biscay has moved slowly southeast into France. The wave depression over northern Scotland has moved rapidly southeast into the continent while pressure has remained low over the Baltic. The British Isles has been covered by a mild westerly airstream which has been increasing in strength over

northern districts as a developing Atlantic low moved northeast towards Iceland. During the next 24 hours the low is expected to move to a position between Iceland and Norway while the anticyclone over southern France remains almost stationary.

Issued at midday Sunday 12 December 1971



## No

COIN

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



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

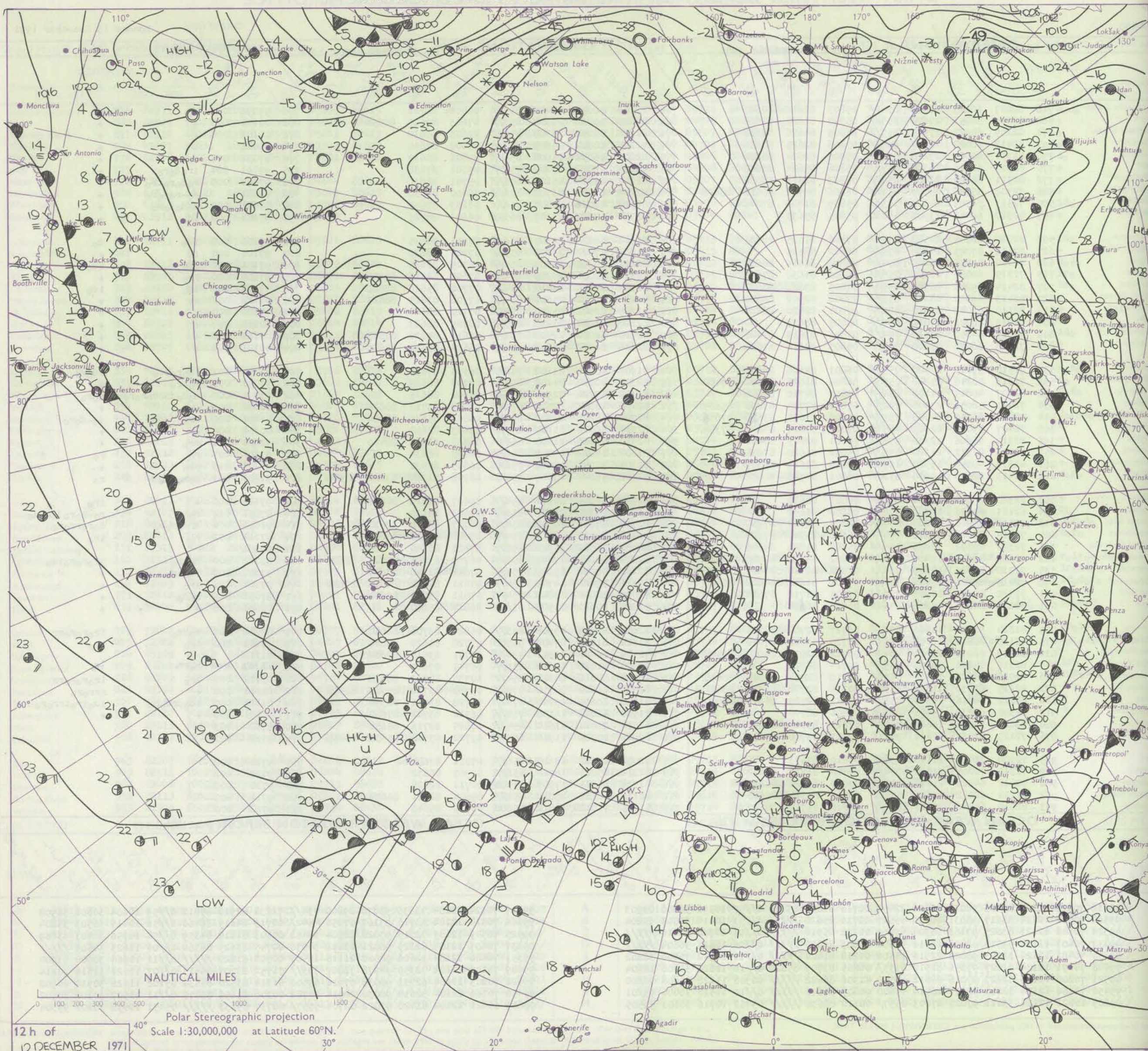
No. 40198

Date of Issue Monday 13 December 1971

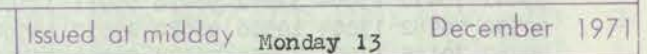
OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
12 December 1971										12 December 1971										12 December 1971					
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RRT	T <sub>h</sub> E	SSs	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	82607	66025	27008	854//	05803	82618	88623		746	82109	58052	25408	855//	05801	88621			746	97091	000	do		+	
Hurn	862	82209	58052	27609	855//	05808	81620	88625		862	82205	50032	26310	855//	07603	82625	88656		862	00111	000	+		+	
Thorney Island	871	82209	64022	27909	855//	06805	84626	88635		871	82206	58052	26309	856//	07603	88630			871	00101	000	+		+	
Manston	797	82412	68022	26607	855//	05806	82625	88630		797	72205	60022	25607	757//	05400	87650			797	00081		+		+	
Gatwick	776	82311	60025	27208	855//	05806	82624	88638		776	82208	56052	25908	856//	05801	88632			776	97091	000	do do		+	
Kew	775	82308	62216	26308	855//	05806	85624	88640		775	72205	59022	25209	756//	05601	87638			775	97091	000	ir do ro		+	
Heathrow	772	82311	66606	26408	854//	06803	82618	88632		772	82207	65026	25109	856//	05701	88630			772	97091	000	ro do ro-ro		+	
Honington	586	82308	35506	24507	854//	06806	84710	86618	88628	586	82209	56026	23708	856//	06400	88638			586	94081		do-ro do ro		+	
Wattisham	590	72513	56505	24807	753//	05809	81708	87645		590	82510	48026	24407	856//	06203	88645			590	01071	000	do do do ro		+	
Gorleston	497	52310	60012	23908	55600	05805	85635		497	82308	57022	23107	865//	06603	88725			497	97081	000	id do		+		
Aberporth	502	82014	66035	24510	855//	07806	81625	88635		502	81911	66022	22309	856//	07611	88635			502	97101	000	id do		do	
Ross-on-Wye	627	82112	57025	24609	855//	06612	88625		627	81803	57022	23409	855//	07705	88625			627	97101	000	id		+		
Filton	628	82210	59505	26209	854//	05806	86615	88625		628	82211	58505	24509	855//	05705	88625			628	97101	000	id do		id do	
Rhoose	715	72315	60056	26109	756//	06806	81630	87645		715	82311	62036	24209	854//	07605	82616	88620		715	97100	000	ir do		+	
Chivenor	707	82414	69205	26710	855//	07805	83622	88635		707	82107	61205	24510	854//	07708	85618	88625		707	97101	000	id do		id do	
Mount Batten	827	82413	66212	28111	853//	07806	82709	88625		827	82411	61022	25811	854//	07708	83615	88625		827	97111	000	ro		+	
St. Mawgan	817	82110	62022	27810	885//	07805	82820	88628		817	82109	62022	25210	855//	07710	88620			817	00100	000	+		+	
Scilly	804	82010	66022	27811	855//	08805	88623		804	82108	61022	25211	855//	08709	88623			804	00110	000	+		+		
Culdrose	809	72313	64052	27810	784//	07803	83819	87626		809	72410	66052	22510	785//	06610	84820	87625		809	00111	000	+		+	
Guernsey	894	72313	66022	29909	754//	06805	85616	87630		894	82116	66022	28109	854//	06604	85614	87616		894	00101	000	+		+	
Elmdon	534	72510	59215	24509	7553//	06801	84628	86650		534	71907	48055	23108	756//	06505	87633			534	97091	001	id do ro id do		id do ro	
Cardington	559	72313	58216	25208	5557//	06804	81625	85640	87460	559	82310	40052	24108	855//	07703	88629			559	97091	002	do ir do		+	
Wittering	462	82407	40615	24108	854//	07807	84710	88618		462	82308	59216	22908	855//	06602	88625			462	95091	005	do do ddr do ro ro		do ro	
Watnall	354	72411	58051	23208	782//	07811	82705	83808	85635	354	82408	48052	22508	854//	07804	83717	88632		354	00090	003	+		+	
Shawbury	414	72410	66016	24008	755//	07806	81625	83628	87636	414	82006	58206	22309	855//	06802	85620	88630		414	01091	000	dr do ro do		do-do ro	
Finningley	360	72407	59042	22209	4857//	05808	81820	84628	87359	360	82210	56042	21109	857//	07803	88650			360	00101	004	+		+	
Killsea	396	82310	66606	22308	2557//	05001	82625	88460		396	82512	57026	21408	6567//	06802	86638	88460		396	92081	001	ir do		+	
Leeming	257	72206	82212	21310	755//	05001	81620	87635		257	81807	66022	19309	856//	06808	88634			257	97101	007	ro		ro	
Tynemouth	262	42610	48058	19509	15530	07810	81625	84359		262	72309	32051	18409	756//	06805	87630			262	91101	015	pro		+	
Carlisle	222	82413	62506	19909	853//	08801	84708	88622		222	72208	56046	17609	754//	08708	81714	83622	87640	222	91101	001	do ro-ro		ro	
Valley	302	82320	66032	22511	856//	08807	88630		302	82220	66026	20111	854//	09607	81710	88626			302	97111	000	+		ir do	
Ringway	334	62111	60026	22709	55630	06808	85640		334	81710	57212	21308	856//	07603	88630			334	97091	014	ro		ro-ro ro do ro do		
Squires Gate	318	72512	59216	22209	754//	08807	81712	87630		318	82312	57612	20309	854//	08707	82618	88630		318	01091	000	dr do ro ro		do ro rrr do	
Ronaldsway	204	72314	80016	21211	754//	06606	81715	87650		204	72116	70036	18611	754//	07608	81716	87643		204	97111	002	ro		ir do	
Mull of Galloway	131	72323	66022	18909	785//	05808	81820	87645		131	82031	66022	15910	856//	07826	88640			131	00101					
Eskdalemuir	162	82313	59608	19407	852//	06801	84703	84709	88630	162	82314	58218	17007	853//	06709	83706	85710	88632	162	93081	000	pro ro		pro ro ro id do	
Prestwick	135	72312	60025	18309	754//	07806	82710	87645		135	72215	58056	15509	754//	07611	81710	87647		135	97101	000	id do ir do			



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		13 December 1971										13 December 1971																			
Station		iii	Nddff	VVwwVV	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	VVwwVV	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	ARRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER								
																								21h.—03h.	03h.—09h.						
Boscombe Down	746	82211	59052	24008	854//	06810	88617				746	82411	61022	22709	855//	06607	88620				746	00081	05	+	+						
Hurn	862	82009	70032	24710	855//	07711	88627				862	82208	70032	23710	855//	07503	88624				862	00100	08	+	+						
Thorney Island	871	81909	59502	25009	855//	08708	84622	88626			871	82213	59025	24009	854//	07507	88611	88630			871	97091	08	do	+						
Manston	797	82206	66022	25108	855//	05702	88628				797	82210	68025	23608	854//	06708	88614				797	97071	06	do	do						
Gatwick	776	82207	62022	24909	855//	06805	83622	88626			776	82314	62205	23609	854//	06505	88612	88629			776	97081	06	do do	do do						
Kew	775										775	72110	61012	22309	754//	07706	82714	87630			775	00091	05	+	+						
Heathrow	772	82008	62022	23909	855//	05708	82621	88624			772	72112	67012	22010	754//	07609	81715	87627			772	00081	05	+	+						
Honington	586	82110	61032	22808	856//	05604	88635				586	62111	70012	20208	65500	05712	86627			586	00081	06	+	+							
Wattisham	590	82311	48022	23207	855//	05709	88624				590	62316	64015	21208	655//	05610	86622			590	97071	06	+	1 do							
Gorleston	497	82111	60022	22208	857//	06709	88656				497	72015	60012	19909	756//	05710	87645			497	00070	05	+	+							
Aberporth	502	82120	62515	20509	854//	06711	83711	88626			502	81920	61502	18810	874//	08604	85710	88712			502	97081	07	1 do do do	do do						
Ross-on-Wye	627										627	62113	60022	20210	655//	06610	86625			627	97091	07	1 do	+							
Filton	628	82112	64025	22910	855//	05711	88628				628	82116	64032	21710	855//	05706	88623			628	00091	09	+	+							
Rhoose	715	82214	68022	23109	855//	06507	88620				715	82314	66032	21609	854//	07607	82616	88620			715	00090	08	+	+						
Chivenor	707	82211	62022	23710	855//	07505	84622	88627			707	82207	61031	22410	854//	07703	84616	88621			707	00091	08	+	+						
Mount Batten	827	82320	66022	24811	854//	07710	81715	88629			827	82512	62022	23811	855//	07605	88620			827	00111	10	+	+							
St. Mawgan	817	82110	66022	24709	854//	06503	83615	88620			817	82010	66022	23109	854//	06706	88617			817	00090	06	+	+							
Scilly	804	82313	69022	24510	855//	07400	88621				804	32209	81021	23510	35500	08804	83621			804	00100	07	+	+							
Culdrose	809	82416	64052	24510	854//	07606	88618				809	82314	66052	23310	854//	07805	88618			809	00100	05	+	+							
Guernsey	894	82013	63022	27808	855//	05001	88620				894	82115	63022	25708	854//	06814	85614	88618			894	00071	07	+	+						
Elmdon	534	82010	61026	21108	855//	06817	88627				534	72112	65031	19108	756//	06805	87636			534	97081	06	1 do ro	+							
Cardington	559	82113	58052	22509	855//	06812	88627				559	72216	59052	20509	755//	06611	87626			559	00081	07	+	+							
Wittering	462	82312	59026	21108	855//	06712	88622				462	42315	69031	18608	00901	05709	84075			462	97071	05	ir o	+							
Watnall	354	82114	56052	19908	855//	06817	88624				354	12314	59016	17408	15530	06811	81620			354	97071	06	do ro	+							
Shawbury	414	82515	78022	20010	855//	05511	88624				414	82514	78036	18110	854//	06508	88616			414	97071	07	ro	+							
Finningley	360	82214	61042	18409	856//	05817	88638				360	12212	78021	15909	15600	06508	81630			360	00081	02	+	+							
Kilnsea	396	82116	58022	19108	856//	06716	88640				396	32318	66011	16008	30970	06710	83360			396	00070		+	+							
Leeming	257	62419	74016	16310	655//	06519	85620				257	72317	74606	13010	754//	07809	83616	86634			257	97111	07	+	ir o						
Tynemouth	262	72115	66022	14110	756//	05723	87630				262	72512	66021	10910	2562/	07605	82630	87458			262	97091	08	+	pro						
Carlisle	222	82313	62022	13910	854//	07719	81717	84625	88637		222	82417	48216	10411	853//	09608	84709	85714	88621		222	03081	06	ror	ror or pro						
Valley	302	82126	66022	17411	855//	08613	88620				302	82327	56212	16011	862//	10301	84704	88706			302	91101	09	+	ir o 1 do						
Ringway	334	81914	70216	18809	855//	05714	88622				334	82015	72032	16409	854//	06705	84618	88624			334	97101	07	do do ro	ro						
Squires Gate	318	82011	60216	17609	855//	07615	82620	88636			318	82423	50606	15209	854//	09604	83710	88618			318	94081	07	ro do ro do ro	ro ro ro do do						
Ronaldsway	204	82022	65032	14611	854//	07821	81714</																								

Code FM 21.D

## OCEAN WEATHER STATION REPORTS at



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

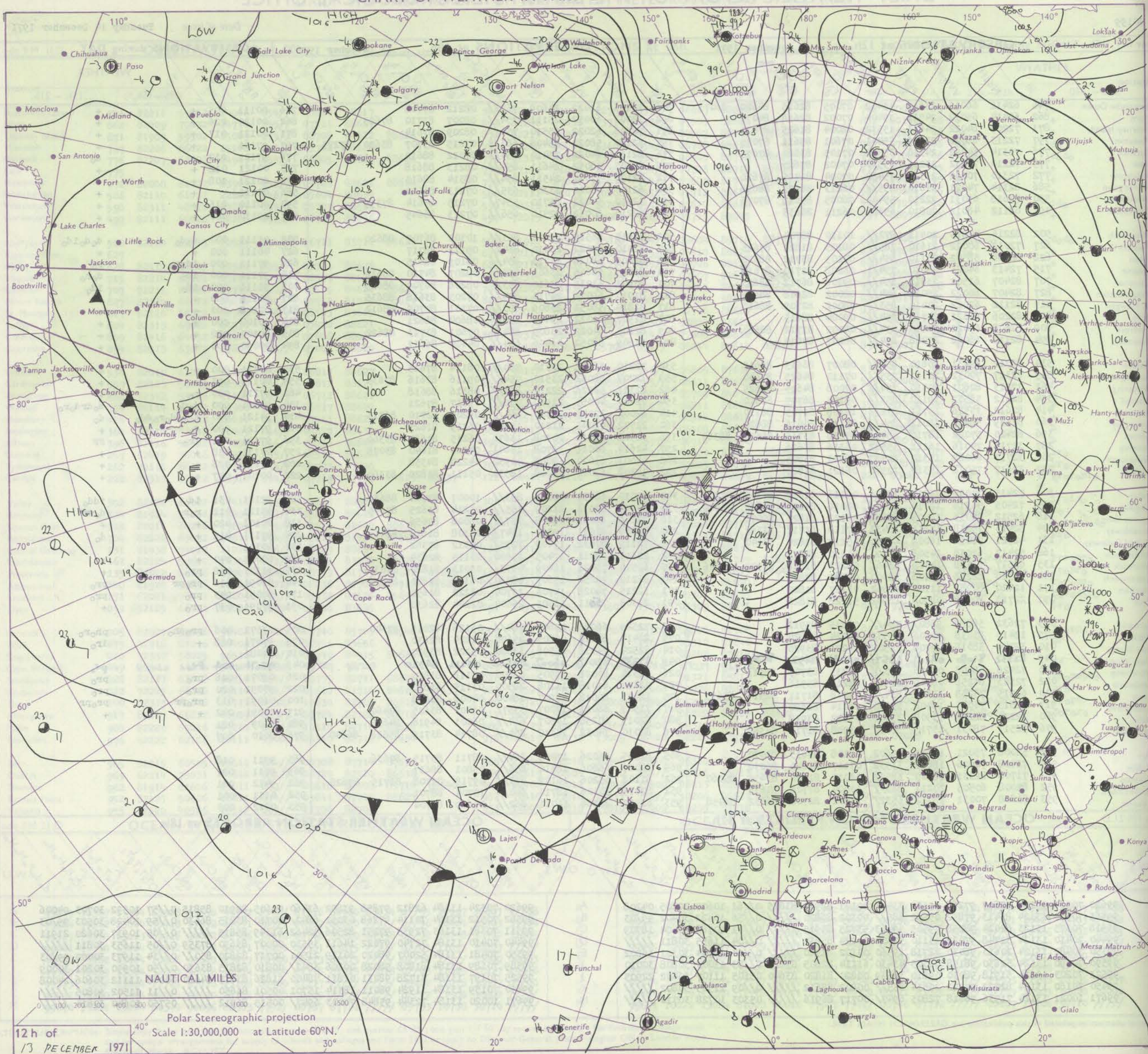
No. 40199

Date of Issue Tuesday 14 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
13 December 1971										13 December 1971										13 December 1971									
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RR T <sub>E</sub>	SSS	WEATHER							
																						09h.—15h.	15h.—21h.						
Boscombe Down	746	62412	66012	23611	45402	07005	82615	84620	86075	746	72106	61022	24609	763//	08212	87706				746	00111	005	+	+					
Hurn	862	62414	65032	24511	35404	07002	82618	84075		862	72003	60052	25111	754//	08007	83710	87623		862	00120	026	+	+						
Thorney Island	871	72209	64022	24611	15532	08004	81625	87075		871	72206	62022	25510	754//	08209	87614			871	00121	017	+	+						
Manston	797	72213	66022	23809	55401	07601	85611	87075		797	72110	58022	25408	663/8	07215	85707	83620 87275		797	97101		+	+						
Gatwick	776	72314	64022	24310	35532	07105	83620	87075		776	82110	64022	25410	854//	07312	88612			776	97121	012	+	d <sub>o</sub>						
Kew	775	72210	74032	23211	755//	07002	87623			775	82107	58052	24611	854//	08213	88618			775	00121	012	+	+						
Heathrow	772	72310	70032	23311	75432	07004	81715	87620		772	82107	57022	24511	854//	08314	88615			772	00121	008	+	+						
Honington	586	82314	74021	21610	855//	06213	86621	88656		586	62107	66022	23309	655//	07213	86622			586	00111		+	+						
Wattisham	590	72618	65031	22210	55402	06005	85618	87075		590	72412	56022	23710	5547//	07215	85614	87359		590	00110	016	+	+						
Gorleston	497	62112	48012	20810	65600	06211	86635			497	62210	60012	22510	656//	07213	86645			497	00110	000	+	+						
Aberporth	502	82216	40515	20911	872//	10110	88704			502	81915	56515	21010	853//	10303	86707	88620		502	01111	000	d <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> d <sub>o</sub> 1d <sub>o</sub>						
Ross-on-Wye	627	72012	60022	21610	785//	08105	81820	87625		627	82010	57022	23010	864//	09113	88717			627	00111	000	+	+						
Filton	628	82208	58502	23110	854//	07109	83712	88620		628	82009	58026	23711	854//	08109	88615			628	97111	000	1d <sub>o</sub> r <sub>o</sub>	r <sub>o</sub>						
Rhoose	715	72413	64025	23010	754/1	08108	81710	87618		715	81805	50605	23609	854//	08207	84710	88612		715	97111	000	1d <sub>o</sub>	d <sub>o</sub> r <sub>o</sub>						
Chivenor	707	82407	61502	23811	854//	09106	86712	88623		707	80903	61035	23610	853//	08206	86709	88625		707	91111	000	1d <sub>o</sub>	1d <sub>o</sub>						
Mount Batten	827	82407	66022	25011	854//	08002	82618	88635		827	81910	59022	24710	854//	07203	83618	88635		827	00111	000	+	+						
St. Mawgan	817	82112	62022	24410	853//	08002	82709	88610		817	81814	58052	23809	853//	07301	84709	88612		817	00101	000	+	+						
Scilly	804	82206	61021	24710	854//	09004	88615			804	81907	61022	23409	855//	08604	88621			804	00100	000	+	+						
Culdrose	809	82608	69022	24410	854//	08002	81712	88620		809	82105	64022	23609	854//	07601	83713	88622		809	00100	000	+	+						
Guernsey	894	82112	66022	27008	854//	06007	87610			894	61609	58052	26406	654//	04400	86611			894	00090	000	+	+						
Elmdon	534	82312	59031	20610	854//	08007	86613	88615		534	72210	58052	22310	754//	08114	87615			534	00111	000	+	+						
Cardington	559	72317	70032	22111	755//	07110	84625	87640		559	72207	58052	23510	754//	09116	83616	87633		559	00111	003	+	+						
Wittering	462	72213	82601	20310	754//	07008	84615	87625		462	82311	56026	22210	854//	08316	88618			462	97111	000	r <sub>o</sub>	+						
Watnall	354	82312	58502	19110	853//	09104	86707	88610		354	72407	40055	21910	755//	09217	87621			354	94101	000	d <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> drd <sub>o</sub> r <sub>o</sub>						
Shawbury	414	82612	33516	19711	872//	10208	81705	88710		414	62002	37045	21510	664//	09209	82710	86713		414	94121	000	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> dd <sub>o</sub>	d <sub>o</sub>						
Finningley	360	82309	58505	18011	854//	09110	84616	88620		360	21702	48045	21210	15501	06219	81625			360	97121	000	d <sub>o</sub>	+						
Kilnsea	396	82420	57022	18710	6547//	07218	83715	86625	88360	396	32508	48016	20308	15670	06215	81630	83360		396	97101	001	1r <sub>o</sub>	FF						
Leeming	257	32714	74016	16211	35502	06316	83626			257	42610	80011	19708	15641	04120	81640	83075		257	00131	038	+	+						
Tynemouth	262	32717	66028	15310	32500	06223	83825			262	42003	61020	19008	40930	04220	84358			262	00111	028	+	+						
Carlisle	222	12617	75018	15310	12540	06121	81820			222	42308	62020	18008	18530	05111	81820	83360		222	00101	047	+	+						
Valley	302	72415	74036	19312	12476	09116	81818	84360	87275	302	82010	66031	20011	853//	10007	82706	88630		302	92121	031	1d <sub>o</sub>	1dd <sub>o</sub>						
Ringway	334	72405	56216	19010	754//	08016	84618	84622	86640	334	71905	60031	21209	755//	05214	83625	87645		334	93121	011	r <sub>o</sub> r	d <sub>o</sub> dr						
Squires Gate	318	62512	70036	18509	18532	08122	81820	85070		318	72209	62031	20208	757//	08008	87656			318	00101	020	+	+						
Ronaldsway	204	52413	75018	17811	28432	07119	81712	83362		204	83309	80031	19010	1147//	06108	81816	88458		204	97111	011	+	d <sub>o</sub>						
Mull of Galloway	131	42521	78012	16009	48530	05217	81820	83640		131	72119	80032	17409	7093//	07312	87362			131	00101									
Eskdalemuir	162	52417	62038	14508	58400	04230	84813			162	22310	69011	17405	25600	03115	82634			162	00081	040	+	+						
Prestwick	135	62517	63158	14709	5346//	05223	81818	82922	84826	135	62514	75021	16409	4853//	05013	81820	84637		135	91101	038	pr <sub>o</sub>	+						
Abbotsinch	140																												

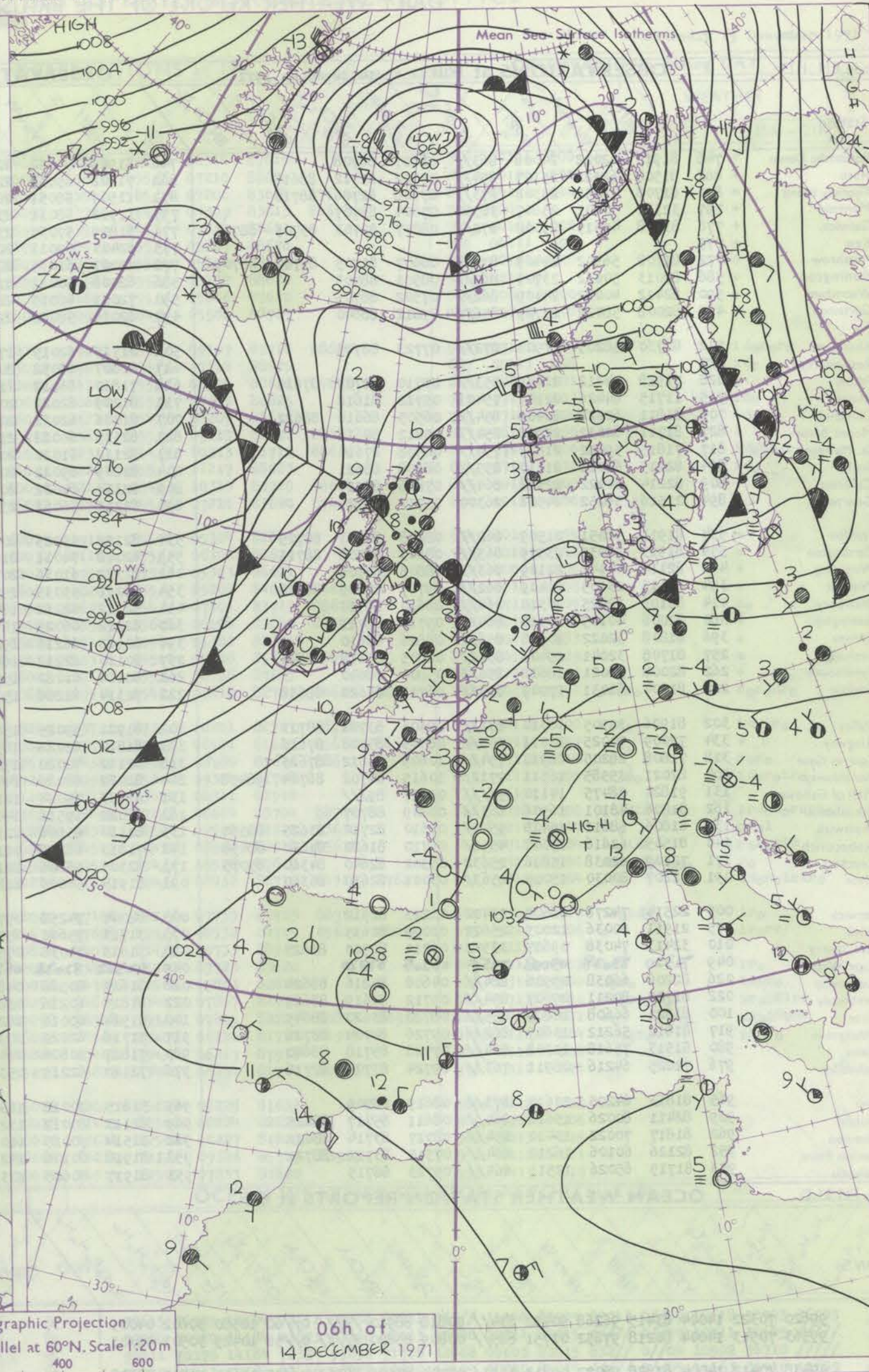
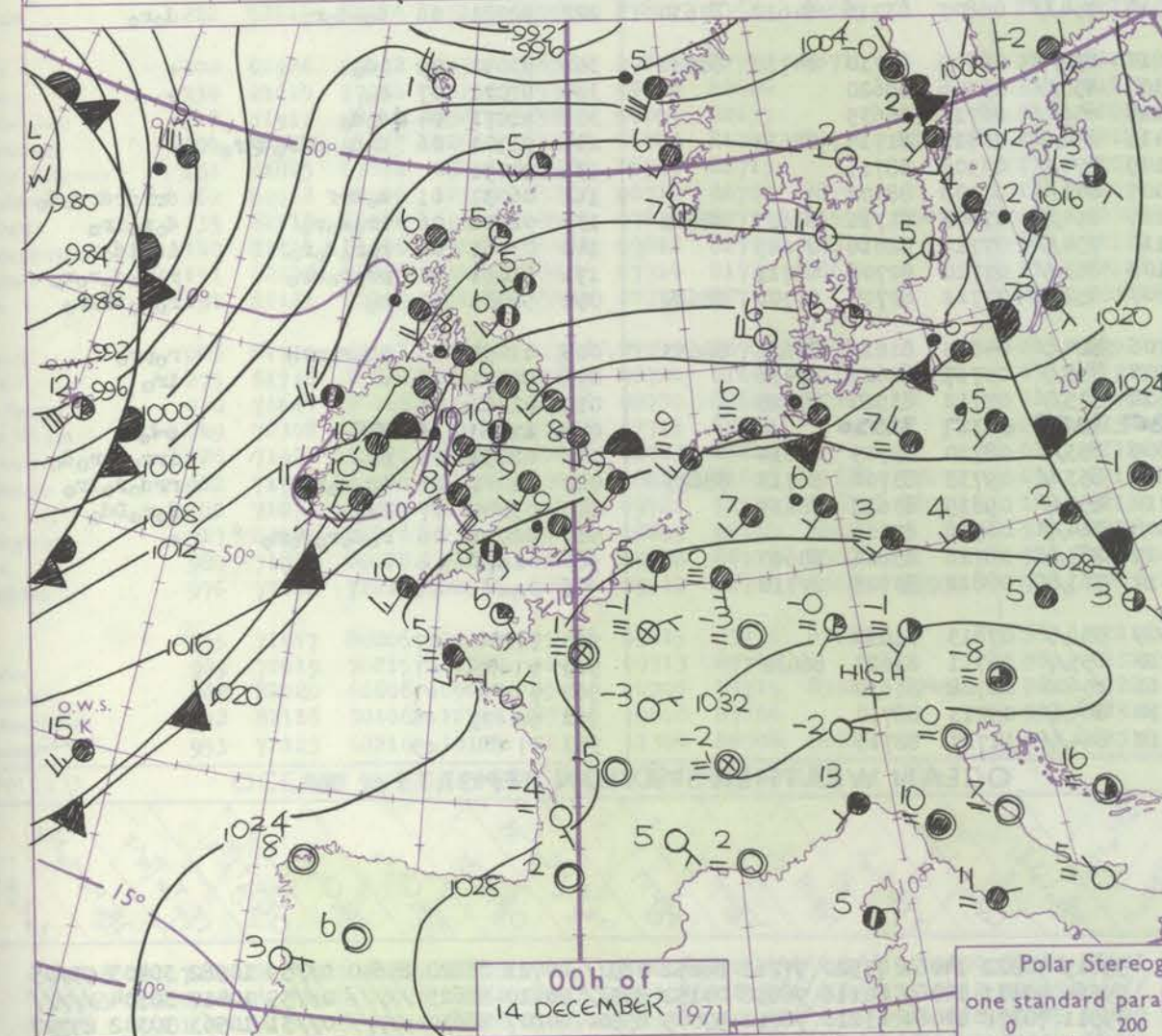
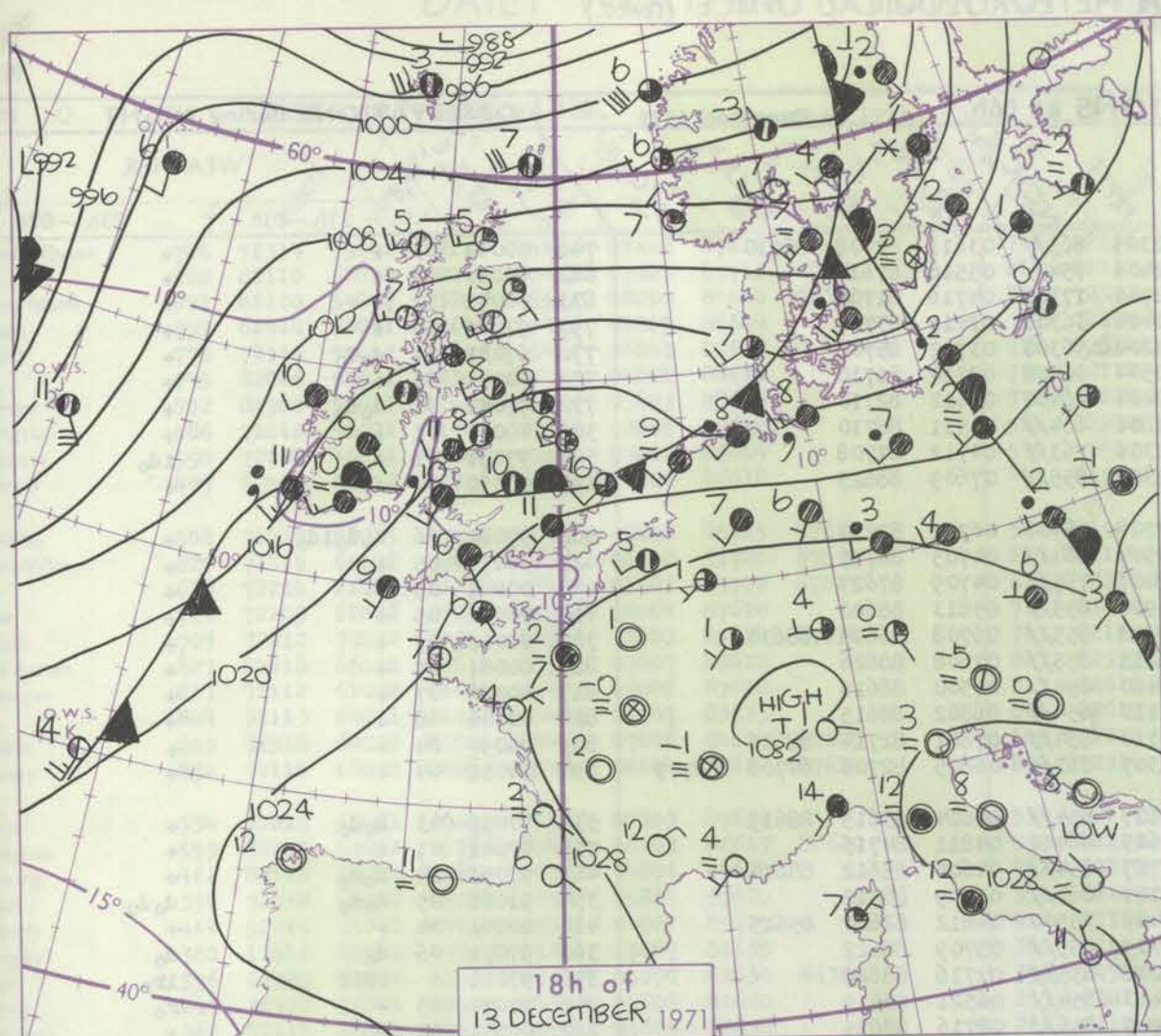


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The vigorous depression off northeast Iceland moved northeast during yesterday and is expected to continue northeast, gradually filling. A further deep depression about 500 miles south of Greenland yesterday morning is now about 400 miles south of west Iceland and by tomorrow morning is expected 250 miles off northeast Iceland, having deepened further in the meantime. Yet another deepening depression, now about 250 miles east of Newfoundland is expected to follow in the

wake of its predecessors. A cold front moved southeast across much of Scotland and northern England yesterday but became slow-moving over the Midlands and Wales before returning northwards as a warm front. However the cold front associated with the low now approaching Iceland is expected to move southeast across all districts by tomorrow morning.

Issued at midday Tuesday 14 December 1971



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

Code FM I.L.D.		OBSERVATIONS at 00h. 14 December 1971										OBSERVATIONS at 06h. 14 December 1971										OBSERVATIONS during NIGHT									
Station	ill	Ndoff	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>	ill	Ndoff	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>	ill	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	81915	62022	24008	863//	05607	88708			746	81906	59022	22305	863//	03611	82708	88710		746	00041	03	+	+								
Hurn	862	81508	62022	25107	854//	05502	81712	88615		862	71102	65031	22406	754//	05516	87614			862	00050	03	+	+								
Thorney Island	871	81708	58052	25308	873//	07708	82706	88710		871	11509	58051	22705	17300	04716	81708			871	00041	52	+	+								
Manston	797	32111	50101	25607	36300	07604	83707			797	31912	58011	23404	36300	03711	83707			797	97031	50	+	+								
Gatwick	776	81908	40515	25308	872//	08807	82703	85705	88711	776	51809	57035	23204	56300	03712	85708			776	97031	51	d <sub>o</sub> d <sub>o</sub>	+								
Kew	775									775	12403	59021	22504	16400	02510	81710			775	00031	55	+	+								
Heathrow	772	81708	56502	24409	872//	08607	81705	85707	88709	772	22007	61035	22404	26400	03612	82710			772	97041	51	d <sub>o</sub> d <sub>o</sub>	+								
Honington	586	82013	50032	23709	862//	08501	88705			586	62008	50012	21806	664//	04511	86710			586	00041	01	+	+								
Wattisham	590	82412	40022	24409	862//	07502	88705			590	72013	48015	22306	763//	04712	87708			590	97031	01	+	1d <sub>o</sub>								
Gorleston	497	82008	58022	23709	856//	07812	88640			497	82018	58022	22308	855//	07609	88625			497	00050	04	+	+								
Aberporth	502	81730	58205	17908	872//	07723	88705			502	21715	62015	17708	26400	06702	82710			502	97081	06	d <sub>o</sub> d <sub>o</sub> 1d <sub>o</sub>	+								
Ross-on-Wye	627									627	81807	48052	20507	864//	04705	88715			627	00071	05	+	+								
Filton	628	71918	74012	22709	753//	05710	82709	87615		628	71810	66012	21407	755//	04709	87627			628	00061	05	+	+								
Rhoose	715	11715	64026	22107	15401	05712	81618			715	81209	62022	20906	855//	05813	88620			715	00061	05	+	+								
Chivenor	707	81811	62022	22409	854//	06505	86616	88622		707	81406	62022	20008	855//	06708	86624	88630			707	00081	07	+	+							
Mount Batten	827	81711	62032	22908	854//	05812	88616			827	82315	66022	21211	855//	07608	88626			827	00081	07	+	+								
St. Mawgan	817	71815	59052	21809	754//	06508	87614			817	82112	61022	20410	854//	07500	88616			817	00080	07	+	+								
Scilly	804	82115	61022	21210	855//	08608	88621			804	82209	69022	20110	854//	06802	88615			804	00100	08	+	+								
Culdrose	809	82214	64022	22310	864//	07806	88714			809	82314	64022	20310	854//	07801	82714	88616			809	00090	04	+	+							
Guernsey	894	21516	56052	24506	26300	05710	82706			894	82216	56052	23307	863//	06805	82706	84708	88709			894	00051	04	+	+						
Elmdon	534	81913	58051	21509	862//	08808	84703	88705		534	82112	59025	20607	854//	04604	83615	88619			534	97051	03	d <sub>o</sub> d <sub>o</sub>	+							
Cardington	559	81913	74032	23509	863//	08603	85708	88711		559	42008	74011	21605	46400	04811	84715			559	00041	01	+	+								
Wittering	462	82114	40042	22109	863//	08805	88706			462	82312	61036	20707	854//	04606	85612	88614			462	97051	04	d <sub>o</sub> r <sub>o</sub>	+							
Watnall	354	82113	23105	21409	862//	09707	82705	88706		354	82211	59035	19707	864//	05709	88712			354	91061	05	d <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> d <sub>o</sub>								
Shawbury	414	82106	62025	20310	864//	08610	88710			414	52112	62012	18409	55500	04812	82620	85625			414	00061	04	+	+							
Finningley	360	82006	40105	20310	864//	09710	88713			360	82212	66025	18709	855//	05709	88622			360	97071	06	d <sub>o</sub>	d <sub>o</sub>								
Kilnsea	396	81808	32022	20908	856//	08606	88630			396	82115	66216	19208	855//	07716	88629			396	97061		FFff	ir <sub>o</sub>								
Leeming	257	81708	32041	19408	854//	06805	85618	88645		257	82120	62212	16410	854//	06521	88619			257	97071	05	+	r <sub>o</sub>								
Tynemouth	262	82008	58021	18608	856//	05806	88640			262	82116	61022	15909	856//	08716	88635			262	00071	03	+	+								
Carlisle	222	81804	62031	17009	855//	06711	85620	88638		222	72314	62206	15010	754//	06807	83716	84622	87630			222	92081	06	d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub>						
Valley	302	81926	32505	18310	871//	09506	83702	88703		302	81922	59025	15810	854//	08809	81710	84712	88620			302	93091	09	1d <sub>o</sub>	+						
Ringway	334	72009	70025	20011	753//	08505	85708	87616		334	81812	62022	18308	855//	05706	88620			334	97071	07	d <sub>o</sub>	+								
Squires Gate	318	71808	28205	18910	754//	10609	84612	87625		318	62110	70022	17208	656//	06711	86635			318	92071	04	d <sub>o</sub> d <sub>o</sub>	+								
Ronaldsway	204	82021	35585	16511	7712//	10615	84702	86704	88458	204	82022	68026	14411	854//	06812	81715	88633			204	91101	06	d <sub>o</sub> d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	+							
Mull of Galloway	131	91820	08475	14110	9//	09727	89//			131	81933	74024	12109	874//	06503	88715			131	94091											
Eskdalemuir	162	81806	48101	16906	863//	06809	88707			162	82022	19516	14407	871//	07708	88702			162	06031	01	d <sub>o</sub> arf	arf								
Prestwick	135	81806	58611	15408	5542//	07610	82710	83625	88550	135	82114	63606	12109	854//	07805	81711	83627	88632			135	02071	06	ir <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub>						
Abbotsinch	140	81505	62616	15008	4552//	06710	81620	84650	88458	140	71813	68216	11110	754//	07717	82616	87645			140	03061	02	r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	1d <sub>o</sub> 1d <sub>o</sub> r <sub>o</sub>							
Leuchars	171	72109	62038	15806	25632	05302	82640	84360	85075	171	82305	58606	12108	863//	07720	82708	88711														



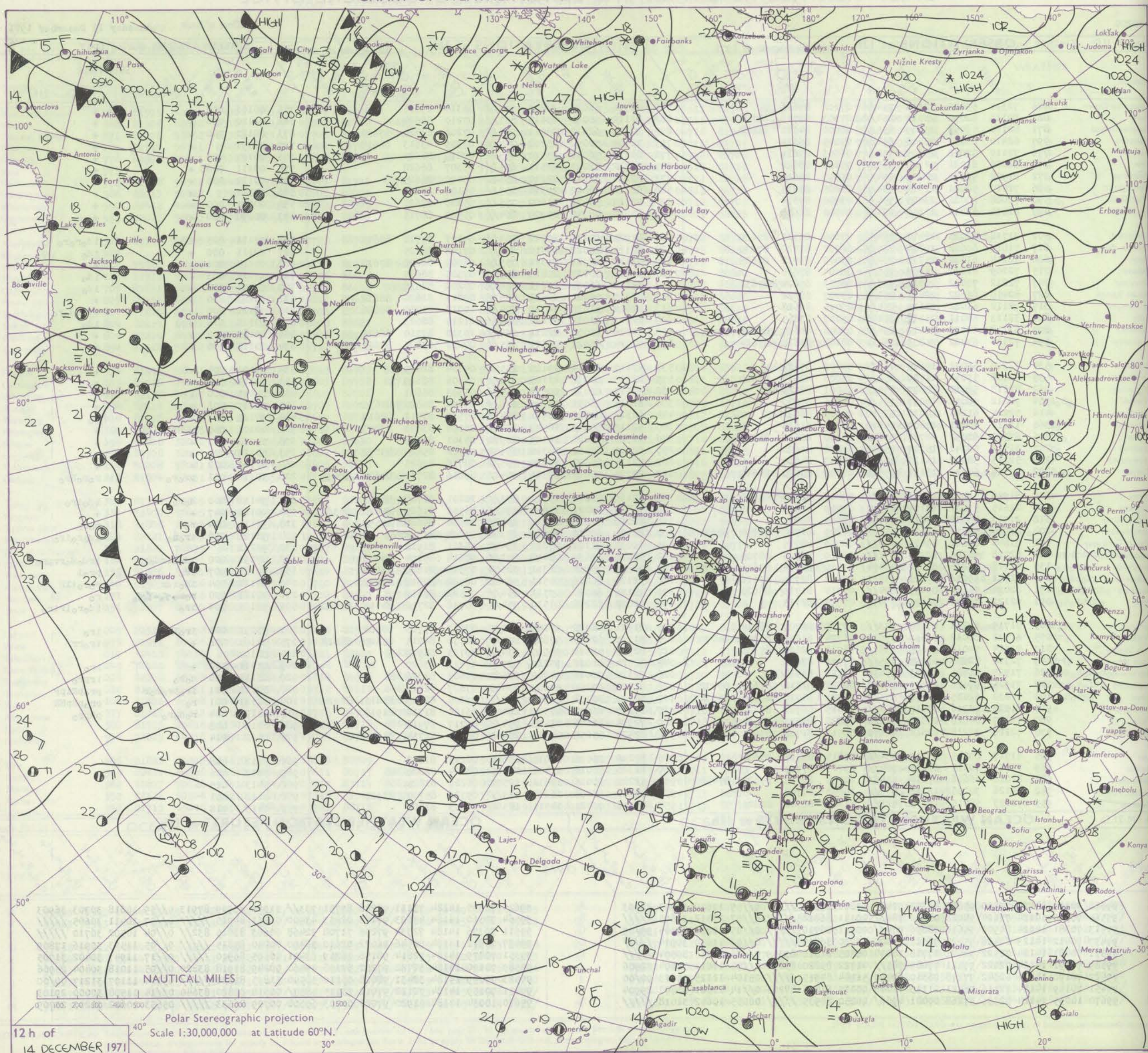
# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

Date of Issue Wednesday 15 December 1971

No. 40200

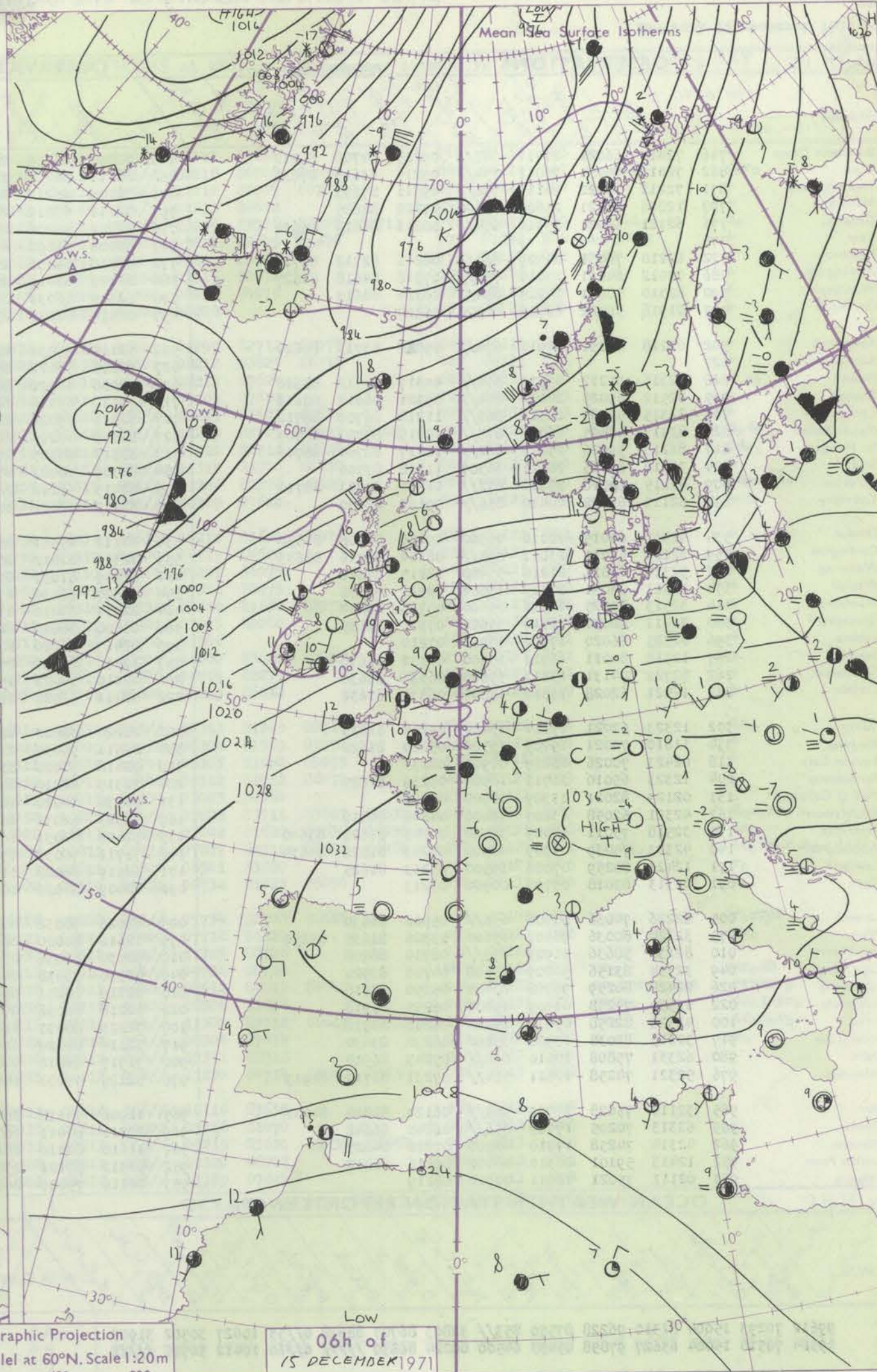
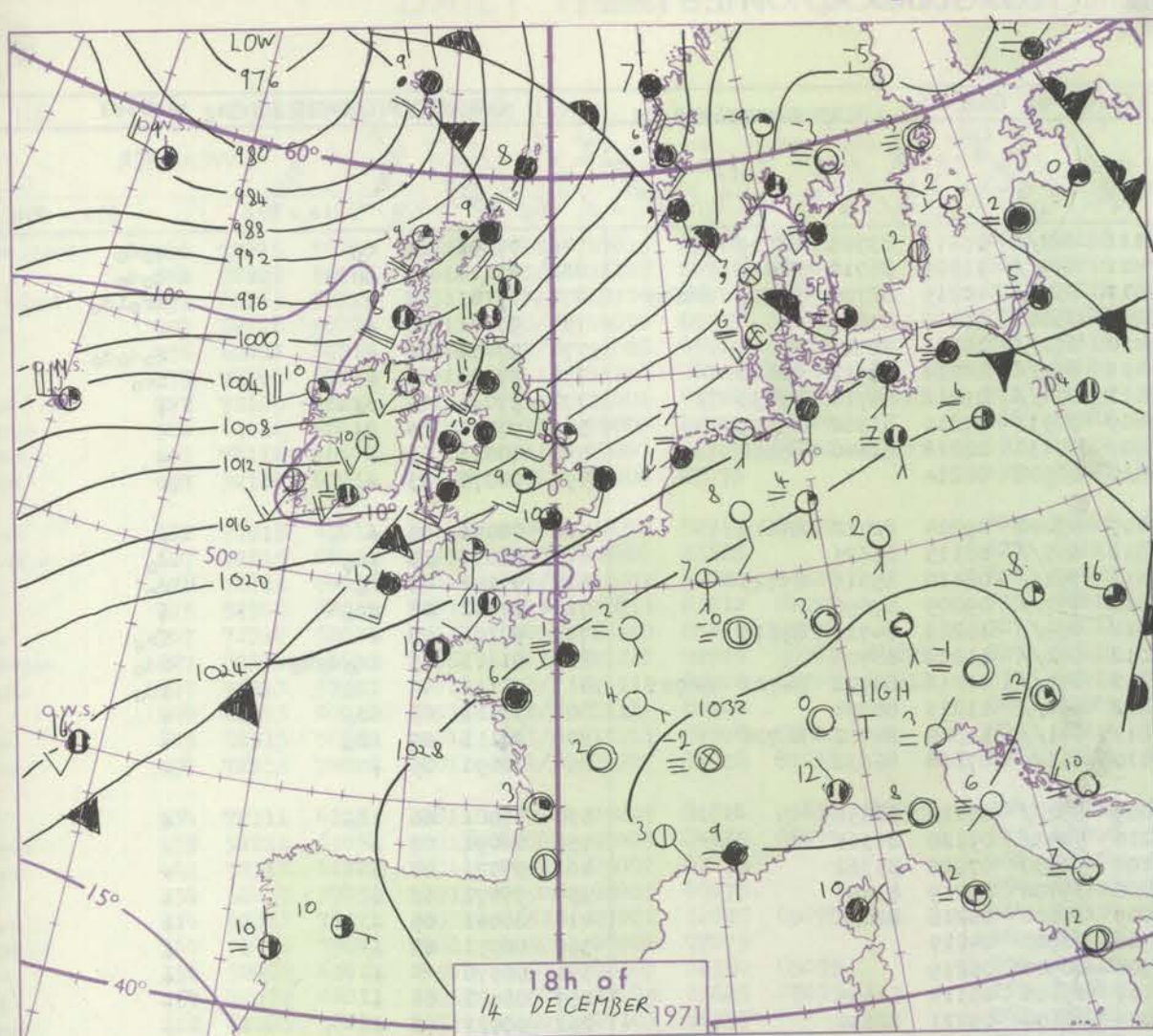
OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
14 December 1971										14 December 1971															
Station	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RRTTEx	SSS	WEATHER			
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	72314	59052	22110	754//	07102	87616			746	72316	64022	22809	754//	06314	87615			746	00101	000	+	+		
Hurn	862	82110	62032	23011	854//	07303	83712	88622		862	82112	70022	23611	855//	07210	88624			862	00120	000	+	+		
Thorney Island	871	82110	59052	23209	855//	08000	84620	88622		871	72313	62012	23511	785//	07206	83824	87630		871	00121	000	+	+		
Manston	797	62410	60031	23608	654//	05005	86614			797	72109	50052	23708	754//	07309	83613	86618		797	00091	000	+	+		
Gatwick	776	72110	57052	23209	754//	06803	87619			776	82312	56052	23510	855//	07210	88621			776	00101	000	+	+		
Kew	775	82006	61021	22309	855//	05808	88622			775	62112	62021	22511	655//	05307	86628			775	00111	000	+	+		
Heathrow	772	81908	56021	22409	854//	05803	88618			772	62211	68012	22210	65500	05010	86625			772	00111	000	+	+		
Honington	586	72010	58021	21906	754//	03805	87619			586	82212	58022	20910	855//	05102	88622			586	00101	000	+	+		
Wattisham	590	72008	40021	23005	754//	03000	87614			590	72417	58022	21609	755//	05206	87620			590	00091	000	+	+		
Gorleston	497	62010	58012	22306	654//	04400	86618			497	81910	48052	20909	864//	05500	88715			497	00090	000	+	+		
Aberporth	502	71718	62025	17410	754//	07000	85715	87630		502	81925	62215	17011	854//	09107	83710	88650		502	97111	005	ido	idooro		
Ross-on-Wye	627	71810	60022	19810	755//	06702	81720	87630		627	82114	63022	19810	855//	07108	88625			627	97111	000	+	ido		
Filton	628	72214	61022	21210	754//	05002	83712	87625		628	72112	62022	21311	755//	06304	82626	87638		628	00111	001	+	+		
Rhoose	715	72209	61032	21209	755//	06004	87620			715	81816	70015	20810	855//	07305	88625			715	97111	003	+	ido		
Chivenor	707	72212	70022	20911	755//	06003	85624	87631		707	82113	66035	21211	854//	08209	88616			707	97121	000	+	ido		
Mount Batten	827	82418	66022	22611	855//	07007	88622			827	82319	59022	23611	855//	09213	82620	88632		827	00121	000	+	+		
St. Mawgan	817	72112	61022	21610	754//	07005	87618			817	82016	61035	22311	854//	10313	81710	88626		817	97121	000	+	idoidoro		
Scilly	804	32113	64011	21012	35401	09007	83615			804	82013	61031	22212	855//	11217	88623			804	97121	018	+	ido		
Culdrose	809	82318	64022	21011	854//	07008	84617	88625		809	72214	60052	22211	754//	10310	83710	86624		809	00100	000	+	+		
Guernsey	894	72114	64022	24809	754//	08104	83612	87614		894	72314	66022	25511	755//	07210	83620	87625		894	00111	000	+	+		
Elmdon	534	72210	60021	19609	755//	05803	87622			534	22117	62011	19109	25500	05304	82625			534	00101	004	+	+		
Cardington	559	82108	59051	21708	854//	06803	82617	88620		559	82113	62032	21109	855//	06306	88629			559	00111	000	+	+		
Wittering	462	82113	58022	20807	855//	04801	88625			462	62212	62031	19508	655//	05303	86621			462	00091	000	+	+		
Watnall	354	72012	56052	19007	755//	05806	87620			354	62215	56051	18209	655//	05204	84620	84630		354	00101	008	+	+		
Shawbury	414	52214	61041	17810	55500	04805	85627			414	82316	69502	16911	854//	07501	83712	88618		414	97121	007	+	do		
Finningley	360	12111	40041	17809	15600	05807	81635			360	52113	56041	16509	35601	06000	83640	83075		360	00101	040	+	+		
Kilnsea	396	62322	61032	18707	2567/	05000	82630	86360		396	22320	66021	17108	20970	05301	82360			396	00080	033	+	+		
Leeming	257	31712	56041	15709	25541	05808	81620			257	62015	69011	13310	55502	05708	85624	83072		257	00111	029	+	+		
Tynemouth	262	52115	58022	14110	45601	06609	84630			262	72124	66022	10110	755//	08716	87625			262	01111	022	+	+		
Carlisle	222	52116	64016	13111	55540	07807	83620	84645		222	82224	50658	09511	6542/	09616	82710	84623	88459		222	10111	001	proro	rooro	
Valley	302	81926	59022	14711	863//	09804	82708	88710		302	82130	58216	13711	873//	10201	82707	88710		302	94111	000	do	idoiro		
Ringway	334	21615	57031	17109	25500	05809	82624			334	71817	70021	15810	5543/	06501	81615	85620	86360		334	00111	047	+	+	
Squires Gate	318	31913	58041	15611	25630	08805	82635			318	82019	62616	14310	855//	08500	85626	88650		318	97111	014	ro	rooro		
Ronaldsway	204	81924	61212	12611	853//	08809	81708	85710	88614	204	22124	60216	10912	25300	09304	81708			204	91121	000	irodo	idooro		
Mull of Galloway	131	81845	63602	09410	874//	08719	88715			131	12035	81101	07211	13400	08311	81918			131	96111	000	+	+		
Eskdalemuir	162	82018	48506	12108	872//	08710	86703	88705		162	82030	23635	08408	872//	08614	85704	88706		162	07091	000	ido	idoidoro		
Prestwick	135	62118	65036	09311	48404	07810	82714	83656	85078	135	32319	75258	06311	38500	07500	81820	83630		135	92121	007	iro	prol		
Abbotsinch	140	71711	65016	09011	754/1	07812	82713	87616		140	52125	60216	04511	58430	08502	82818	85632		140	07121	004	ido	ro		
Leuchars	171	82020	58616	09409	854//	07714	81715	88620		171	72128	66026	03511	754//	08526	87619			171	97121	000	ro			







# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The vigorous depression south of Iceland moved steadily northeast in the wake of its predecessor and this in turn is being followed by another vigorous low which is also moving northeast and is expected in the Norwegian Sea by this time tomorrow. A cold front crossed the British Isles overnight but the cold unstable air was only a temporary incursion affecting northern Britain being much modified by its recent

maritime history. The anticyclone centred over the Alps persisted and is expected to maintain for at least another 24 hours with a mild southwest airstream over the British Isles and with a weak cold front penetrating eastwards across Scotland and becoming quasi stationary along the Scottish Border.

Issued at midday Wednesday 15 December 1971



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

Code FM II.D	OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
	15 December 1971										15 December 1971										15 December 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>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> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER								
																						21h.—03h.	03h.—09h.							
Boscombe Down	746	72414	66021	24711	763//	09215	84708	86712		746	82209	61036	27111	862//	10211	83705	88709		746	97091	07	ro	ro do							
Hurn	862	72013	70031	26011	754//	09214	83615	87633		862	82111	56205	27911	854//	11109	85710	88618		862	93111	09	do do	do do							
Thorney Island	871	72212	70022	26111	756//	09311	87635		871	82109	66212	28611	853//	10215	82706	86709	88615		871	91101	08	+	ir o id o							
Manston	797	12008	60021	25807	15500	07210	81625		797	32111	64011	28209	35600	08110	83630				797	97071	04	+	+							
Gatwick	776	62111	65021	25910	654//	08211	84614	86630		776	82209	56206	28410	872//	10216	88705			776	97091	06	+	ro do do							
Kew	775									775	82008	64602	27411	854//	10212	86712	88640		775	97091	07	+	ir o							
Heathrow	772	62210	70031	24709	664//	08216	82712	86715		772	82010	65036	27011	854//	09212	84710	88630		772	97091	06	ro	+							
Honington	586	72012	64601	23010	754//	07318	84618	86627		586	62107	61016	26209	30932	07215	83360	85075		586	97081	06	ro	+							
Wattisham	590	82310	58031	24209	854//	06314	88613		590	52310	56031	26909	15630	08216	81640	85360			590	00081	06	+	+							
Gorleston	497	01918	58022	22709	00900	06210			497	02114	60020	25610	00900	08214					497	00070	05	+	+							
Aberporth	502	62218	62031	21910	654//	09216	83713	85620		502	52115	59031	24409	55400	09214	82712	84619		502	00091	06	+	+							
Ross-on-Wye	627								627	62208	57022	25311	655//	08115	86625				627	97091	05	id o	do							
Filton	628	82316	61212	23911	854//	09317	84712	88628		628	72008	66026	26511	754//	08110	85616	87625		628	97101	08	ro	ro							
Rhoose	715	82512	65025	24011	854//	09321	86612	88618		715	72510	65018	26310	757//	09209	87650			715	97101	08	pro	+							
Chivenor	707	82315	59035	24312	863//	11218	86709	88712		707	72411	59026	26412	754//	10209	84711	85618		707	97101	07	+	ir o							
Mount Batten	827	82417	48505	26012	873//	10215	83707	88709		827	82415	40205	28012	872//	11209	88705			827	91111	11	id o do do	id o							
St. Mawgan	817	82213	59026	25311	862//	11217	82704	88706		817	82313	58505	27312	870//	11211	82701	84702	88703	817	91111	09	id o	id o							
Scilly	804	32212	66015	24511	36300	11218	83706		804	82309	58021	27812	862//	11213	88704				804	97111	09	id o	+							
Culdrose	809	82215	58216	25311	872//	11314	83703	88710		809	82415	59102	26811	871//	11305	84702	88706		809	91111	07	ir o	+							
Guernsey	894	82112	66022	28410	856//	09109	88630		894	62112	62022	30110	656//	07208	86632				894	00091	09	+	+							
Elmdon	534	42412	60015	22010	45300	09226	81708	84630		534	62112	65011	25009	657//	07218	86656			534	97081	06	id o	+							
Cardington	559	82114	62011	23011	854//	08214	82716	88633		559	72312	61012	26210	7093//	09120	87365			559	00091	07	+	+							
Wittering	462	52314	66011	21210	55400	08215	85616		462	52209	61031	25208	50930	07222	85362				462	97071	04	+	+							
Watnall	354	12311	56051	20309	15600	08321	81630		354	32307	56030	23808	35700	06219	83650				354	97071	02	+	+							
Shawbury	414	32513	80025	20510	35600	06225	83630		414	22414	80010	23809	25600	06216	82635				414	00081	05	+	+							
Finningley	360	32411	62031	18810	35600	07322	83635		360	01608	66020	22706	00900	04217					360	00051	02	+	+							
Kilnsea	396	02325	66020	17909	00900	07210			396	02417	66020	22308	00900	06219					396	00070		+	+							
Leeming	257	12518	80011	16911	15600	06332	81630		257	12516	82030	20109	15600	05114	81635				257	00081	06	+	+							
Tynemouth	262	52722	74131	13811	55600	06334	85630		262	22010	74021	19009	25600	05221	82630				262	00081	02	+	+							
Carlisle	222	12521	62028	13810	15600	06335	81632		222	02411	61020	18109	00900	06215					222	91091	05	pro	+							
Valley	302	12323	62021	19311	15400	09234	81615		302	22220	62010	22310	00902	09311	82075				302	00091	07	+	+							
Ringway	334	11810	70021	19709	15500	05229	81622		334	21511	75030	22409	25600	05215	82630				334	00071	06	+	+							
Squires Gate	318	02423	70026	18209	00900	08234			318	02418	70020	21309	00900	08208					318	00081	06	+	+							
Ronaldsway	204	12323	65010	16711	18500	06239	81825		204	22315	61010	20411	15602	06310	81630				204	00101	07	+	+							
Mull of Galloway	131	02129	82021	13309	00900	06229			131	02330	74020	18509	00900	07321					131	00091										
Eskdalemuir	162	42321	62058	13207	42400	04244	84818		162	32325	62031	16207	32500	05013	83822				162	92061	03	pho pro	+							
Prestwick	135	32518	75011	12009	35500	06243	81628	83640		135	52418	80031	16109	28401	06013	82818	84075		135	00081	06	+	+							
Abbotsinch	140	42323	75039	09909	48500	04243	81820	84634		140	71711	70038	15609	15646	06227	81630	87270		140	91061	06	pro	pro							
Leuchars	171	12425	80259	07008	15500	05233	81625		171	12519	66028	11908	15600	05119	81630				171	02061	05	tlr o tlr pro	pro							
Dyce	091	02313	83018	03707	00900	03213			091																					



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

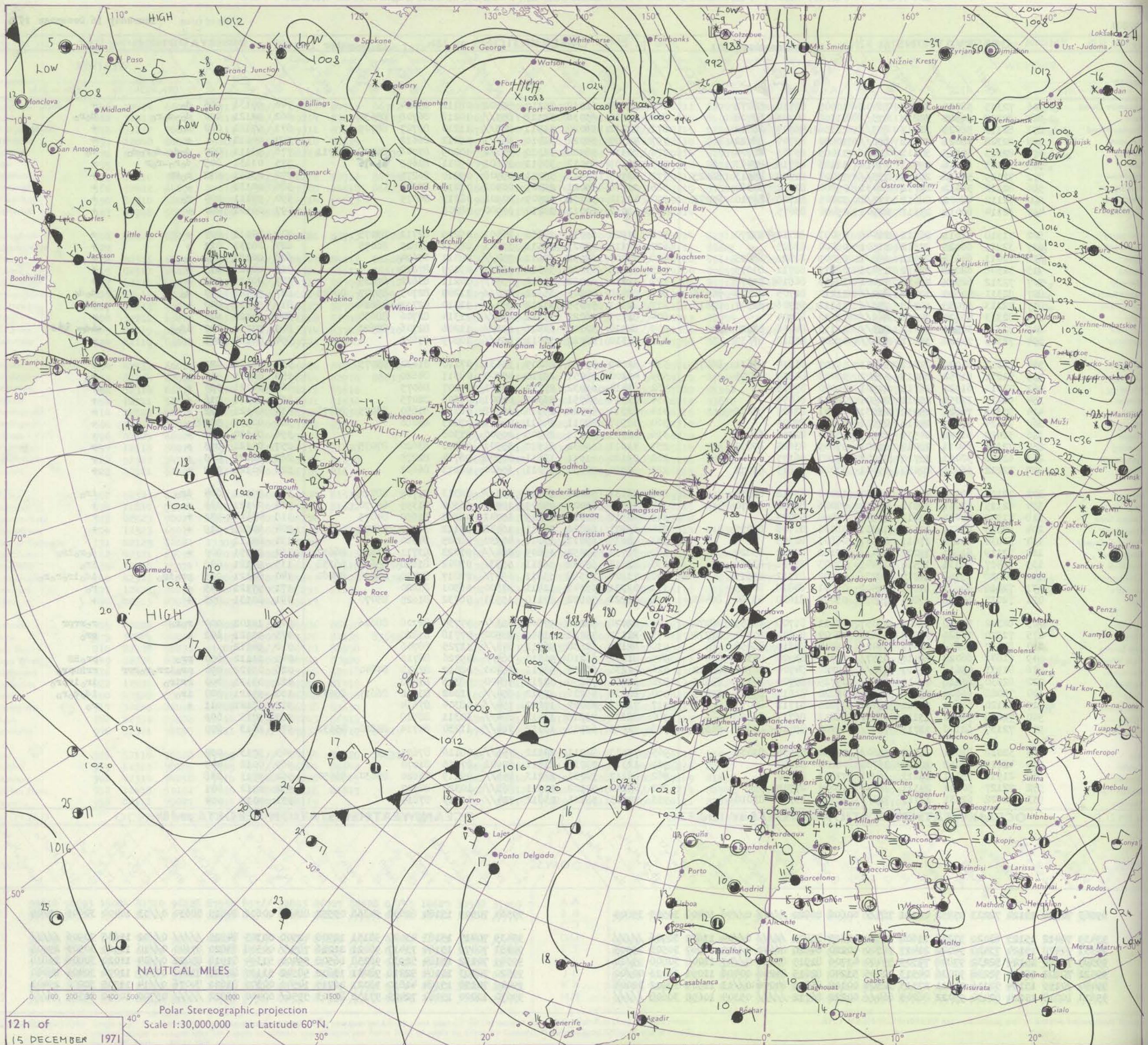
Date of Issue Thursday 16 December 1971

No. 40201

40201		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
Code FM H.D.		15 December 1971										15 December 1971																			
Station		iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT T E	SSS	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down		746	72315	58055	29213	36432	10005	83710	86072		746	52108	62012	31110	55502	08112	85624				746	97131	005	d <sub>o</sub>	+						
Hurn		862	82208	56585	30812	873//	11108	84706	88708		862	82210	65036	32112	853//	10218	86708	88630			862	92121	000	d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub>						
Thorney Island		871	82113	58025	30811	853//	10106	86707	88612		871	82312	56025	31911	863//	11210	85707	88709			871	97121	000	d <sub>o</sub>	+						
Manston		797	82308	58021	30411	853//	10000	85707	88622		797	72107	58022	31410	654/1	09212	86612				797	00111		+	+						
Garwick		776	82213	30515	30311	872//	11005	85703	88704		776	72311	58106	31310	773/2	10209	83706	86708	87711		776	93111	000	d <sub>o</sub> d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub> d <sub>o</sub>	d <sub>o</sub>						
Kew		775	72105	62216	29313	674/1	11103	86712	87463		775	62109	61012	30511	25601	09211	82645	86705			775	01131	005	d <sub>o</sub> r <sub>o</sub> -r <sub>o</sub> r	+						
Heathrow		772	72109	56216	29113	753//	11006	81708	85713	86625	772	62109	59012	30211	00908	09210	86275				772	03131	012	r <sub>o</sub> Rr	+						
Honington		586	62012	58012	27712	26431	09000	82712	84360		586	21906	59021	29009	00902	07215	82072				586	00131		+	+						
Wattisham		590	72112	48602	28611	773/2	10001	82708	86710	87075	590	42212	50106	29509	00902	08213	84075				590	97111	004	r <sub>o</sub>	+						
Gorleston		497	32114	60011	27311	00901	09400	83075			497	02012	60011	28210	00900	08208					497	00121	000	+	+						
Aberporth		502	71918	61011	26111	26446	09003	82712	87270		502	31922	59011	27110	26401	09209	82712	83075			502	00111	007	+	+						
Ross-on-Wye		627	32215	66021	27312	31501	08400	83825			627	62111	63021	28511	31501	08212	83825	86075			627	00131	021	+	+						
Filton		628	72411	64036	29012	685/1	09009	81820	86625		628	72407	62052	30611	755//	08317	87624				628	00131	012	+	+						
Rhoose		715	52508	62011	29311	15431	08113	81712	84075		715	72413	63032	30311	755//	09109	87622				715	00121	015	+	+						
Chivenor		707	72312	62022	29413	61401	10110	86816	85078		707	72211	66022	30612	755//	10211	83622	87635			707	00131	003	+	+						
Mount Batten		827	82311	40505	30812	852//	11210	82705	86709	88625	827	82410	58205	31912	852//	11209	82705	85707	88625		827	97121	000	d <sub>o</sub>	d <sub>o</sub> d <sub>o</sub>						
St. Mawgan		817	72213	57055	30312	753//	11111	81706	83707	87613	817	82111	58055	31212	854//	11310	82712	88624			817	97131	000	+	id <sub>o</sub>						
Scilly		804	82313	40022	30512	862//	11112	88704			804	82109	56022	31111	853//	11314	82706	88630			804	00120	000	+	+						
Culdrose		809	82315	50105	30012	853//	11113	84706	88620		809	82214	50105	30811	853//	11206	82706	88620			809	97130	000	id <sub>o</sub>	id <sub>o</sub>						
Guernsey		894	72313	74022	32811	784//	09007	81818	87635		894	82310	66022	33511	855//	10209	87622				894	00121	001	+	+						
Elmdon		534	72311	61031	27311	58401	09207	81814	85631	86075	534	52009	59052	28209	15631	07210	81630	85075			534	00121	021	+	+						
Cardington		559	52211	61052	28113	41502	10003	84825	85075		559	42208	59051	29310	45500	08311	84620				559	00131	017	+	+						
Wittering		462	72311	61022	26711	00901	09000	87075			462	62414	61032	27710	00901	07207	86075				462	00121	020	+	+						
Watnall		354	62415	37051	25911	00901	08003	86075			354	22314	56051	26309	00901	07306	82075				354	00121	016	+	+						
Shawbury		414	52313	74021	25912	25531	07001	82625	85075		414	62314	80022	26310	15738	06210	81650	83275	85078		414	00121	022	+	+						
Finningley		360	72414	59041	24811	00906	07004	87075			360	32517	62011	24611	00901	07003	83080				360	00131	032	+	+						
Kilnsea		396	52422	61022	24909	20971	06107	82360	85075		396	02115	63011	25308	00900	07306					396	00100	021	+	+						
Leeming		257	72212	66011	23012	35501	07009	83625	87075		257	71611	62032	22510	35501	06500	83620	87075			257	00121	013	+	+						
Tynemouth		262	62108	58021	20710	00909	07103	86175			262	22120	61011	18611	00908	06714	82275				262	00121	003	+	+						
Carlisle		222	32212	66011	20110	15401	07002	81615	83072		222	62320	70031	20011	65600	08213	86632				222	00121	029	+	+						
Valley		302	72129	59036	23311	36430	10003	83712	85359		302	82131	56036	24511	863//	10313	81709	88710			302	97121	004	ir <sub>o</sub>	ir <sub>o</sub>						
Ringway		334	62115	62011	24911	15602	07006	81630	86070		334	51813	65021	25009	10932	06304	81359	85070			334	00121	034	+	+						
Squires Gate		318	71909	65021	23711	00901	08008	87075			318	42318	65011	23809	15741	08303	81650	84075			318	00111	030	+	+						
Ronaldsway		204	62023	63011	21011	16331	08001	81708	85075		204	62021	62012	22011	16442	09112	81712	86072			204	00121	019	+	+						
Mull of Galloway		131	52034	63032	17611	20941	08001	82365			131	42036	63011	17011	40930	08005	84360				131	00111									
Eskdalemuir		162	72119	61021	19009	724//	07102	83712	85824		162	71712	59052	19609	704//	07023	83711	83821	86632		162	93091	000	+	d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub>						
Prestwick		135	52417	65031	17510	15445	07003	81616	83359		135																				



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
mbols

UD  
Cloud  
Amount  
(oktas)

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

Obscured  
by fog or  
other data.

WHER  
Weather

ile

and  
hizzle

and snow

shower

and snow  
shower

shower

shower

nderstorm

IND

Wind  
speed  
(knots)

Calm

1-2

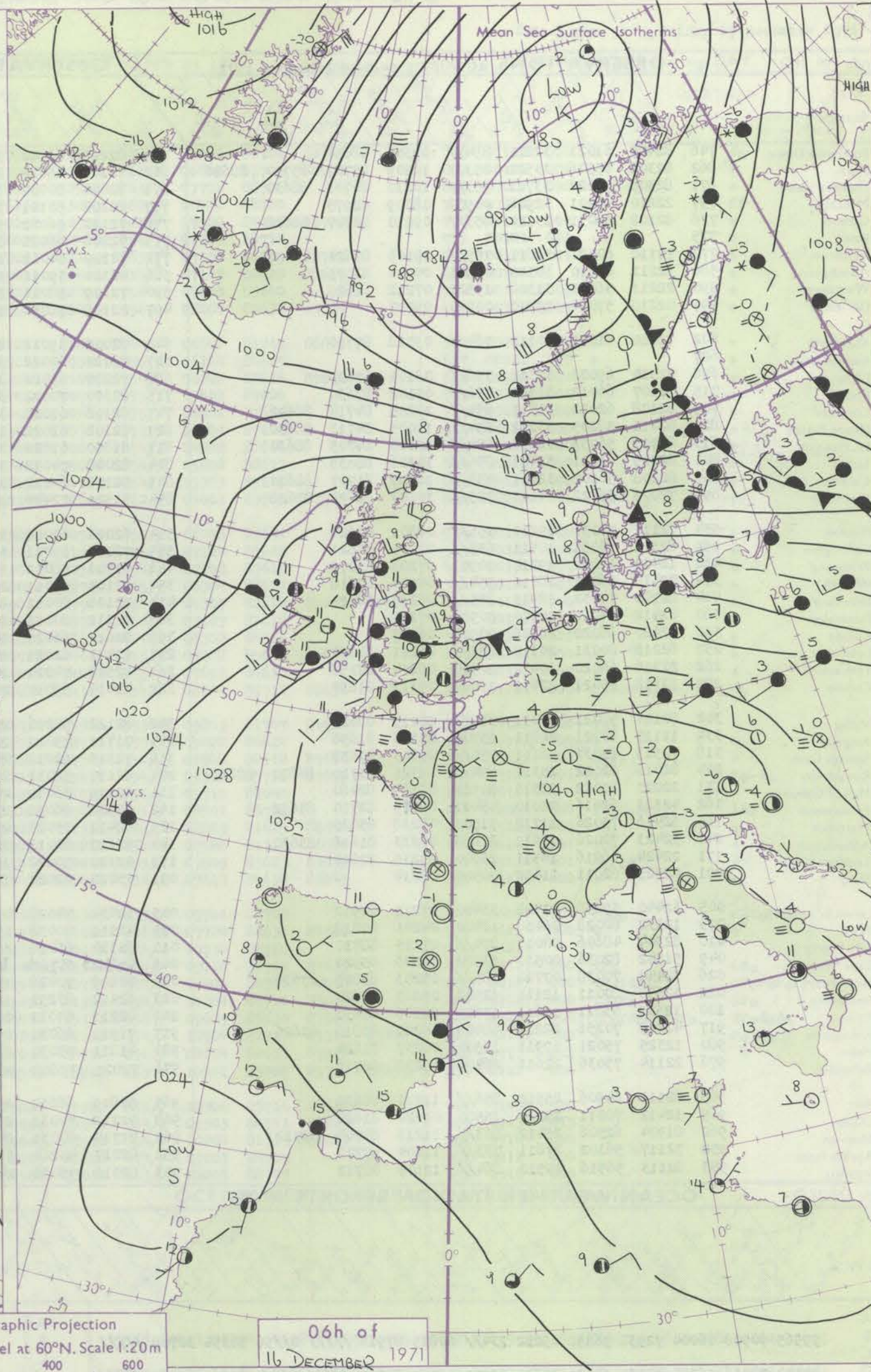
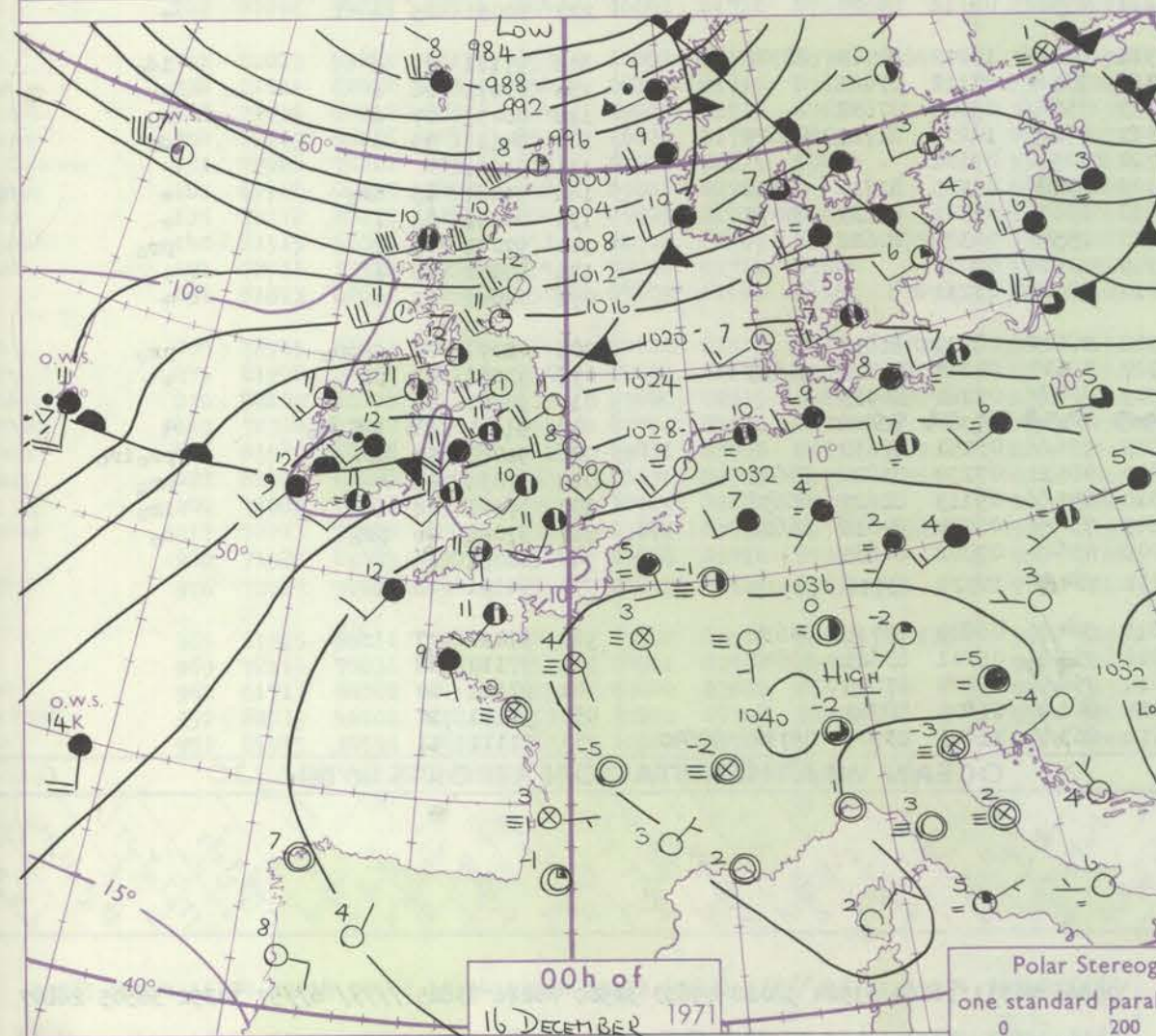
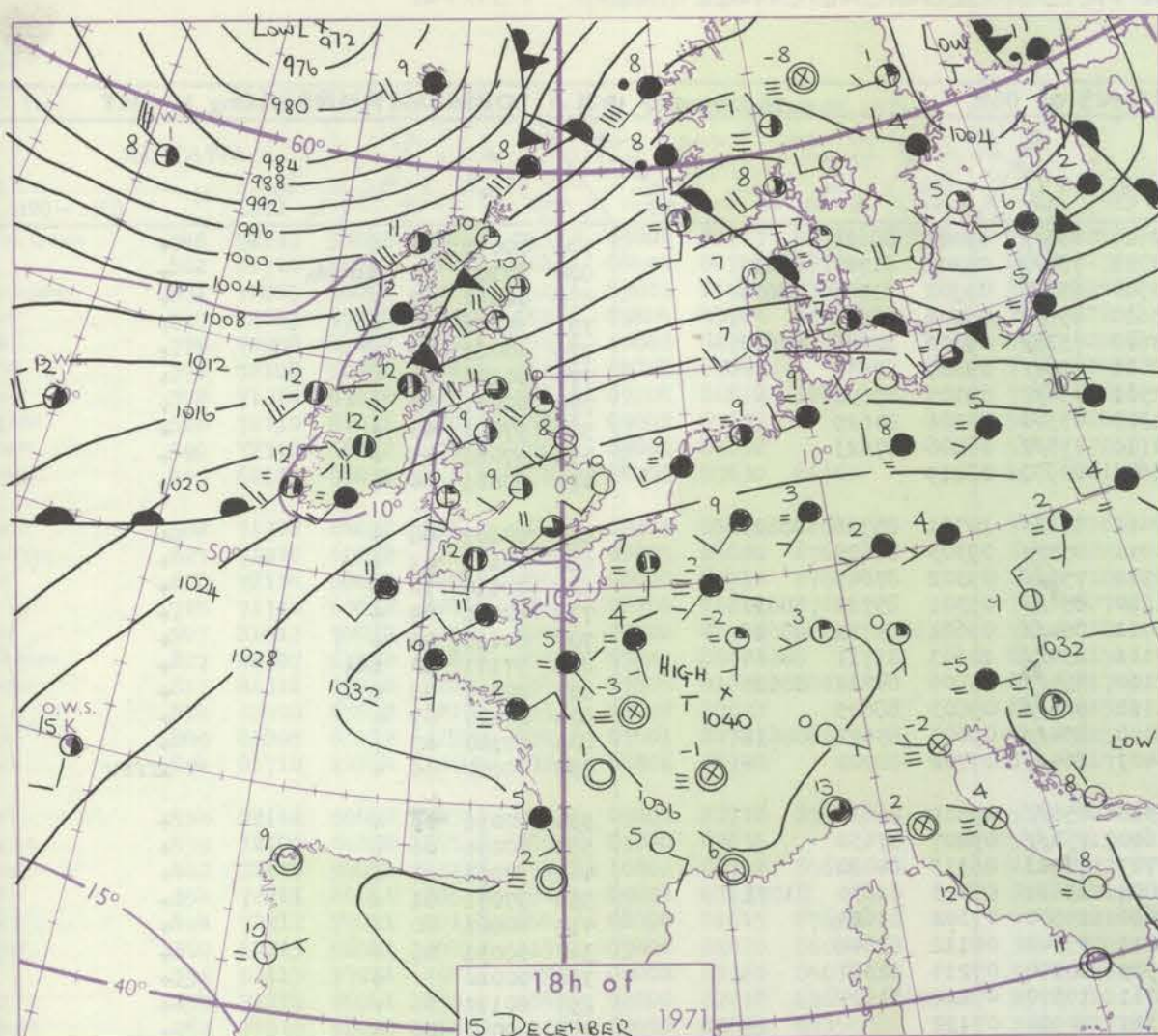
3-7

8-12

13-17

additional  
over add

48-52



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The depression to the south of Iceland has moved rapidly into the Norwegian Sea and is being followed by another developing depression moving northeast from mid-Atlantic. The anticyclone over southern Europe has persisted and has maintained a

mild northwesterly airstream over southern Britain. During the next 24 hours the anticyclone will be slow-moving while the depression west of Ireland will move to the vicinity of Iceland.

Issued at midday Thursday 16 December 1971



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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		16 December 1971										16 December 1971																			
Station	III	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	III	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	III	RR <sub>T</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER									
																						21h.--03h.	03h.--09h.								
Boscombe Down	746	82409	61021	32211	854//	09305	88618			746	82211	61022	32610	855//	09001	88624			746	00091	07	+	+								
Hurn	862	82308	65506	33512	853//	10209	85707	85710	88626	862	72106	65015	33711	754//	09202	81710	87630		862	97101	09	do <sub>ro</sub> do	+								
Thorney Island	871	82308	58022	33711	853//	10210	86708			871	82406	50052	33910	853//	09302	81708	88635		871	00091	07	+	+								
Manston	797	22210	48101	32908	00901	08309	82075			797	82208	50101	33610	855//	09206	88628			797	97071	04	+	+								
Gatwick	776	82108	58031	33110	853//	09210	82707	88628		776	72110	56022	33610	753//	09302	82706	87630		776	00081	03	+	+								
Kew	775									775	72206	66021	32611	756//	09305	87638			775	00101	07	+	+								
Heathrow	772	72110	60021	31811	755//	09106	87624			772	72109	64012	32511	756//	09305	87630			772	00091	07	+	+								
Honington	586	32211	62010	30109	00901	07004	83075			586	42110	59011	31309	45500	07106	84629			586	97071	05	+	+								
Wattisham	590	22211	56011	31308	15502	07212	81620			590	72309	58011	32110	755//	08206	87623			590	97081	05	+	+								
Gorleston	497	02210	57050	29710	00900	09207				497	02108	58050	31609	00900	08219				497	00081	04	+	+								
Aberporth	502	72210	61031	30111	764//	09318	87710			502	82015	59012	29611	853//	10701	85706	88635		502	00101	08	+	+								
Ross-on-Wye	627									627	82110	60022	30911	855//	09303	88625			627	00111	09	+	+								
Filton	628	72314	69022	31312	756//	08105	87639			628	72207	69022	31911	756//	09302	87645			628	00110	10	+	+								
Rhoose	715	72107	66012	31510	756//	09102	87630			715	82307	70022	31910	854//	09301	85712	88630		715	00101	09	+	+								
Chivenor	707	82108	62022	31812	854//	10205	84714	88642		707	82108	61022	31911	854//	09601	84712	88616		707	00111	09	+	+								
Mount Batten	827	82411	58205	33212	854//	11005	84713	88630		827	82108	62022	33111	854//	10603	81711	88618		827	97111	10	id <sub>o</sub>	+								
St. Mawgan	817	81911	56052	32611	852//	10108	84705	88630		817	81810	61022	32110	854//	09806	84710	88628		817	00091	08	+	+								
Scilly	804	82009	61021	32411	856//	10206	88635			804	82008	74022	32111	855//	09803	88625			804	00100	09	+	+								
Culdrose	809	82108	56102	32511	853//	10209	81707	88620		809	82108	64022	32410	854//	09601	85612	88618		809	00100	05	+	+								
Guernsey	894	72006	58022	34611	755//	10203	82620	87628		894	81509	02444	34407	860//	07702	88700			894	00050	06	+	ffff								
Elmdon	534	72111	70031	29110	755//	08801	87624			534	62008	62022	30510	656//	09302	86632			534	00091	07	+	+								
Cardington	559	62312	56051	30511	655//	08205	86621			559	72112	59021	31610	756//	09207	87630			559	00091	06	+	+								
Wittering	462	12410	66011	29210	00901	07208	81075			462	41706	58011	30707	00901	06313	84080			462	97051	00	+	+								
Watnall	354	72410	56051	28010	754//	07004	87618			354	42105	59011	29809	15631	07313	81630	83075		354	97071	01	+	+								
Shawbury	414	82703	74032	28913	855//	08215	88620			414	72108	80011	29610	15500	07302	81625			414	00061	00	+	+								
Finningley	360	02412	74010	26510	00900	07209				360	32312	80011	28211	35600	08112	83640			360	00091	06	+	+								
Kilnsea	396	02620	66020	26108	00900	06207				396	22622	66020	27909	20970	07214	82360			396	00080		+	+								
Leeming	257	82215	80031	24112	855//	08221	88620			257	12402	82021	26711	15500	07228	81624			257	00111	06	+	+								
Tynemouth	262	22316	66020	20412	20930	08214	82358			262	02508	74020	24311	00900	07132				262	00091	06	+	+								
Carlisle	222	12318	65021	22411	15600	09311	81630			222	42414	59030	25211	45500	08312	84624			222	00091	05	+	+								
Valley	302	82124	58021	27011	855//	10113	88625			302	82122	58202	27911	872//	10202	84703	88708		302	97111	09	+	id <sub>o</sub>								
Ringway	334	12117	80021	26811	15700	07304	81656			334	71711	75021	28711	755//	07112	87622			334	00071	06	+	+								
Squires Gate	318	72523	70031	26111	756//	09303	87638			318	72315	62031	27509	756//	09309	87638			318	00091	07	+	+								
Ronaldsway	204	82018	62022	25311	854//	09321	81710	84620	88635	204	82110	58031	26411	852//	10207	82705	88629		204	94111	09	+	dr								
Mull of Galloway	131	22020	81012	22511	20920	08339	82460			131	02119	66010	24710	00900	09102				131	91091											
Eskdalemuir	162	42323	62016	22010	45400	08189	82710	84632		162	32520	66031	23709	35400	07215	81714	83628		162	91081	05	ir <sub>o</sub>	+								
Prestwick	135	52416	75026	21712	51500	08230	85825			135	62410	75021	23810	15631	07306	81635	85075		135	00081	06	+	+								
Abbotsinch	140	32423	70026	19611	35400	06233	81616	83630		140	32110	80018	22610	25501	06305	82622			140	97091	07	+	pr <sub>o</sub>								
Leuchars	171	22424	66016	16511	25500	07235	82620			171	02320	70020	19909	00900	06020				171	00081	05	+	+								
Dyce	091	02525	82011	11412	00900	01234				091	03020	82020	18010	00900	03231				091	00041	01	+	+								
Lerwick	005	32440	59258	97708	33400	07211	82912			005	32634	74028	07908	30400	08272	81817			005	02071	06	prpr <sub>o</sub>	pr <sub>o</sub>								
Wick	075	12332	80028	06410																											

Code FM 21.D
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## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40202

Date of Issue

Friday 17 December 1971

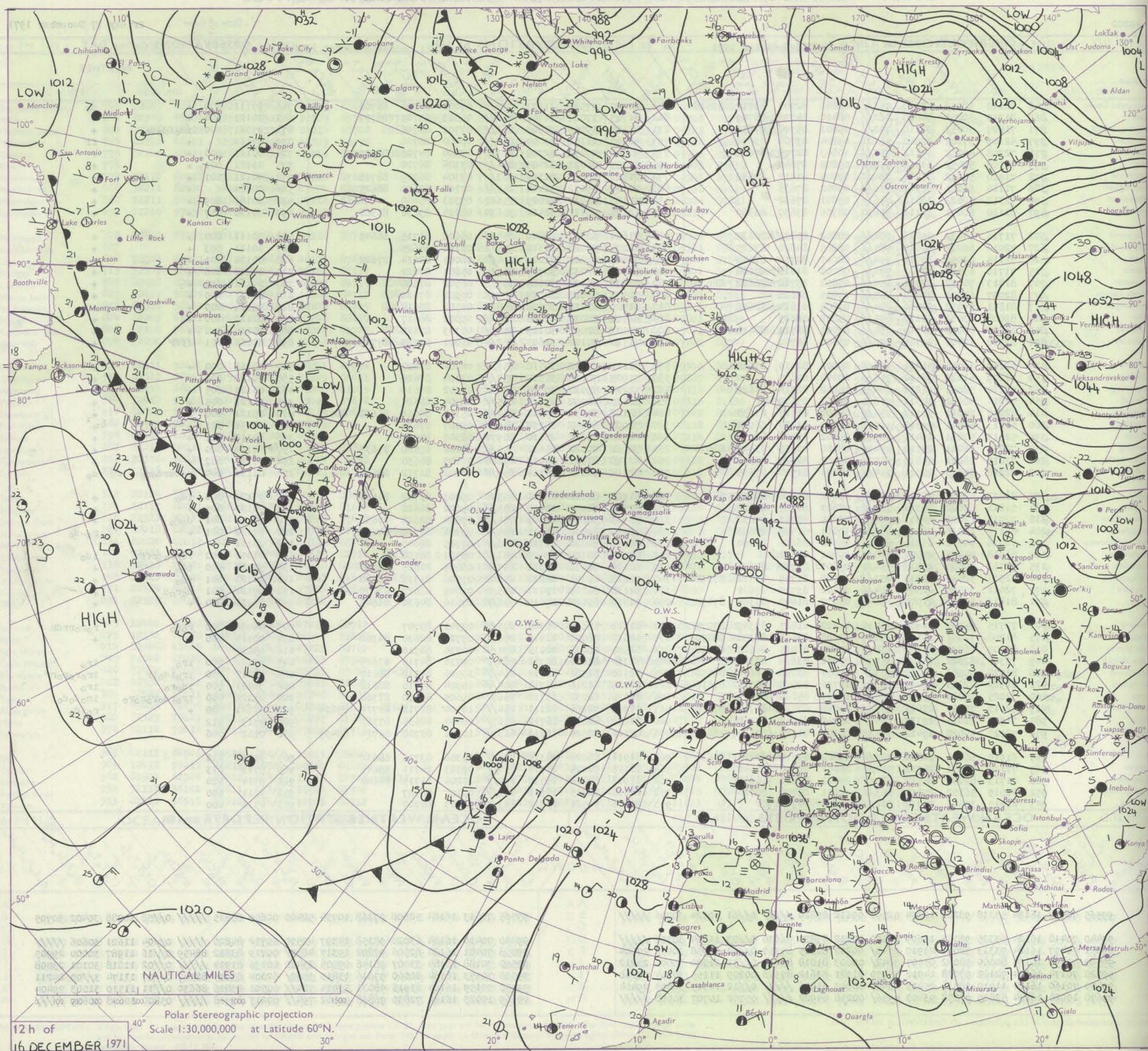
OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
16 December 1971										16 December 1971															
Station	iii	Nddff	VVwww	PPPT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> h <sub>s</sub>	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	PPPT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> 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	ART	T <sub>h</sub> E	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	72110	58052	33210	753//	09801	82707	83710	87618	746	82007	37502	31607	872//	07000	86704	88706	88706	746	97111	000	+		do	
Hurn	862	81710	30052	34010	862//	08400	84705	88709		862	81705	57022	31708	862//	06803	83705	88707		862	00121	004	+		+	
Thorney Island	871	71807	50052	34210	752//	09801	85704	87630		871	81405	59055	32508	863//	07701	88706		871	97061	000	idofdo		+	+	
Manston	797	52109	37102	33910	55201	09804	83704	83638		797	82205	26102	33007	860//	06400	88700		797	97111		+		ff	+	
Gatwick	776	72208	45052	34111	753//	10803	82708	87628		776	82006	40052	32708	863//	07500	84706	88709		776	00111	000	+		+	
Kew	775	72108	58052	33412	756//	09802	87640			775	82005	66022	32409	864//	07304	88712		775	00121	001	+		+		
Heathrow	772	71910	57032	33212	784//	09804	81812	87630		772	81808	58032	32109	863//	07304	86709	88713		772	00121	001	+		+	
Honington	586	72110	61021	32211	756//	09802	87635			586	82007	59032	31410	855//	07102	82620	88625		586	00121		+		+	
Wattisham	590	72312	58022	32811	756//	09801	87632			590	62108	56012	32009	55601	07303	85640		590	00121	009	+		+		
Gorleston	497	62110	60031	32111	35630	08706	83630	86360		497	52106	58012	31410	35630	08204	83630	83360		497	00120	017	+		+	
Aberporth	502	71716	64032	29811	784//	08802	85815	86635		502	71614	62022	28809	754//	06602	81715	86645		502	00111	000	+		+	
Ross-on-Wye	627	72010	60022	31012	785//	08805	84820	87625		627	82204	57022	30310	855//	06104	88625		627	00121	003	+		+		
Filton	628	72114	62052	32511	754//	08000	82712	87640		628	71807	62022	31009	754//	06001	82614	87622		628	00120	001	+		+	
Rhoose	715	71710	63052	32411	784//	08000	81815	87624		715	72702	64032	30707	755//	05801	87620		715	00111	006	+		+		
Chivenor	707	81813	70032	32011	854//	07802	83716	86622	88638	707	71806	66022	30609	755//	06502	87620		707	00121	000	+		+		
Mount Batten	827	82007	61022	32810	855//	07805	88626			827	71505	59022	30709	755//	06501	87620		827	00111	000	+		+		
St. Mawgan	817	81811	59052	32010	854//	07805	81614	88616		817	81709	61022	30608	854//	04502	88614		817	00101	000	+		+		
Scilly	804	82008	63032	32110	855//	05002	88623			804	81504	58022	30008	854//	05802	88617		804	00110	000	+		+		
Culdrose	809	81807	66022	32510	854//	07001	82711	88615		809	71503	62052	30109	754//	05703	87615		809	00110	000	+		+		
Guernsey	894	81712	12404	33705	870//	05806	88700			894	71710	30102	31605	762//	05001	83703	87705		894	00061	001	ffFF		+	
Elmdon	534	72112	59052	31311	754//	09801	82710	87634		534	72111	59052	30510	755//	06206	87622		534	00111	000	+		+		
Cardington	559	72109	61022	32512	756//	09000	87635			559	71909	70012	31510	755//	07104	87626		559	00121	000	+		+		
Wittering	462	72210	58021	31212	654/1	10802	82714	85625		462	72211	59022	30510	754//	07102	87619		462	00121	005	+		+		
Wanall	354	72211	40051	30511	756/1	09801	87632			354	82110	40052	29710	855//	08304	88624		354	00121	005	+		+		
Shawbury	414	72212	74021	30112	754//	08000	81615	87630		414	82108	69032	29910	854//	05307	82618	85622 88625		414	00121	000	+		+	
Finningley	360	62213	56041	29312	11501	09400	81820	86080		360	72007	56042	28711	756//	09007	87638		360	00131	021	+		+		
Kilnsea	396	52513	57031	29411	30971	09002	83360	85075		396	42320	66021	28610	40970	08302	84360		396	00110	021	+		+		
Leeming	257	72215	66041	27512	45432	08000	82618	83640	86070	257	72011	80022	26611	755//	07202	85620	85635		257	00131	000	+		+	
Tynemouth	262	72016	58021	25812	2557/	09502	82625	87358		262	42118	61021	24412	45600	07603	84630		262	00131	002	+		+		
Carlisle	222	72216	74215	25511	754//	10001	81710	87635		222	82214	74022	24311	854//	08302	81712	88632		222	01121	000	roDdrdo	ro	do	
Valley	302	82023	59202	28111	853//	10002	81706	83708	86612	302	51924	61012	26910	55300	09803	81707	84614		302	97121	000	id		+	
Ringway	334	71811	62022	29311	754//	08803	81715	87628		334	62016	62012	28410	655//	05002	86622		334	00121	005	+		+		
Squires Gate	318	72010	62012	28911	784//	09005	82712	87632		318	71913	58046	27509	754//	07804	82618	87638		318	97111	001	do	ro	+	
Ronaldsway	204	82119	66036	26111	853//	10001	81707	88650		204	72020	62032	25411	754//	09302	85710	87650		204	97121	001	+		ro-do	
Mull of Galloway	131	72026	74012	23911	6552/	09500	86625	85460		131	82038	74022	21711	856//	07715	88640		131	00111						
Eskdalemuir	162	81918	04466	24509	870//	09801	88701			162	82016	23104	23409	861//	08501	88702		162	01091	000	fd	ro	drff	id	
Prestwick	135	72312	70025	22812	754/2	09805	81710	87656		135	62116	70011	21311	655//	08809	81625	86640		135	97121	000	id		+	
Abbotsinch	140	81915	58045	22012	853//	10708	81709	83711	87616	140	72023	65051	20212	25402	07506	81715	86080		140	94121	001	id		+	
Leuchars	171	72011	37526	22309	754//	08002	83710	87620		171	52118	66015	19211	35532	07809	83623	83075		171	97121	001	do	rod	+	
Dyce	091	81813	62051	21508	15642	05007	81640	84365	87072	091	71813	65022	17610	756//	07610	84630	86645		091	00111	000	+		+	
Lerwick	005	72715	66031	14608	28436	04222	81815	83357	87075	005	81919	56636	10307	873//	07741	88707		005	06092	000	ro	ro	ro	ro	
Wick	075	81708	72031	18109	25677	05008	81640	87358	88270	075	52018	78022	11810	25631	07724	82630	84362		075	00111	000	+		+	
Sule Skerry	010	82109	66038	15609	4347/	07400	82915	84620	88458	010	82524	58626	08011	874//	10730	88710		010	03112						
Cape Wrath	049	72308	82022	15609	3557/	07701	83620	87360		049	72330	81026	06311	764//	09736	84715	87625		049	97111	000	ir		ir	
Stornoway	026	81928	50506	14009	6532/	09831	83706	86618	88458	026	82128	61586	10711	854//	10506	84710	88617		026	02112	000	ir	id	ir	
Benbecula	022	81925	62205	13011	853//	10736	82708	85711	87616	022	82127	61216	11711	854//	10304	85710	88618		022	92121	000	id	ro	ir	
Tiree	100	72025	70016	17311	55502	10719	85625	87075		100	72030	66032	15711	5567/	09609	85630	87360		100	01121	000	ir	ord	ir	
Aldergrove	917	72013	70025	23011	754//	09802	83710	85712	87628	917	71915	70206	22111	754//	10504	82712	85714	87624	917	92121	000	+		ro	
Malin	980	71927	81025	19712	2547/	08808	81714	87358		980	71822	82032	18712	2567/	08604	82635	87360		980	9713	012				
Belmullet	976	72027	70028	19412	754//	10607	81716	87635		976	82120	60505	18812	6637/	10501	83708	85714	88459	976	0112	006				
Birr	965	61915	66011	24812	684//	09802	83715	83820	85636	965	81911	66026	24312	854//	10306	83716	88632		965	9113	010				
Dublin	969	72114	70031	25712	754//	08801	82718	87640		969	82115	70025	24911	854//	09303	84711	88645		969	9713	013				
Shannon	962	61713	82022	24513	685//	09400	82820	86632		962	61912	80018	23512	654//	10204	81715	84640		962	9714	020				
Roches Point	952	82019	56102	27211	863//	10801	85708	88714		952	82018	50215	26610	873//	09107	88707		952	9211	000					
Valentia	953	81915	30596	24312	862//	11802	88704			953	82016	58586	23812	863//	11203	88707		953	0312	000					

[illegible]

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

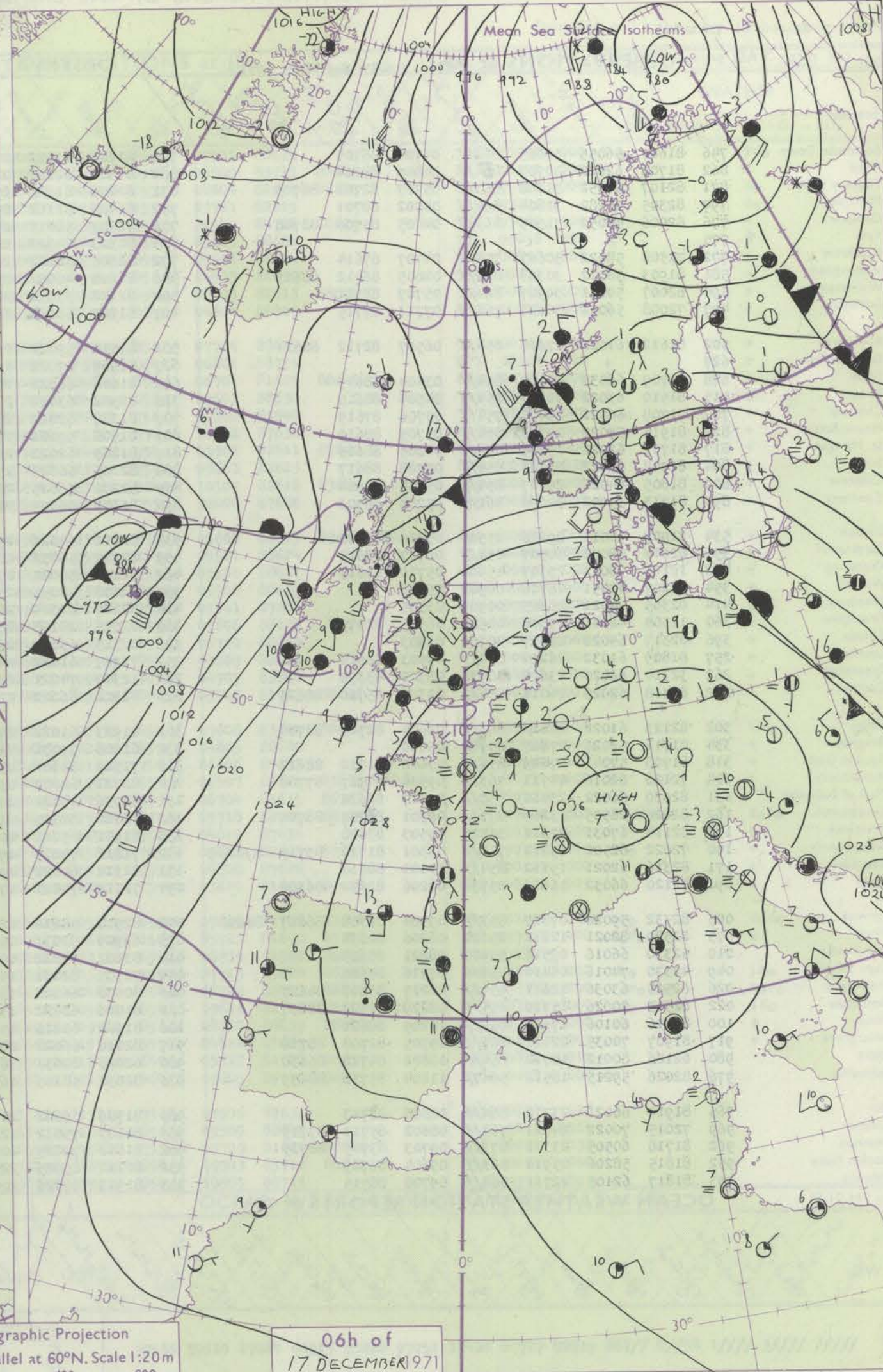
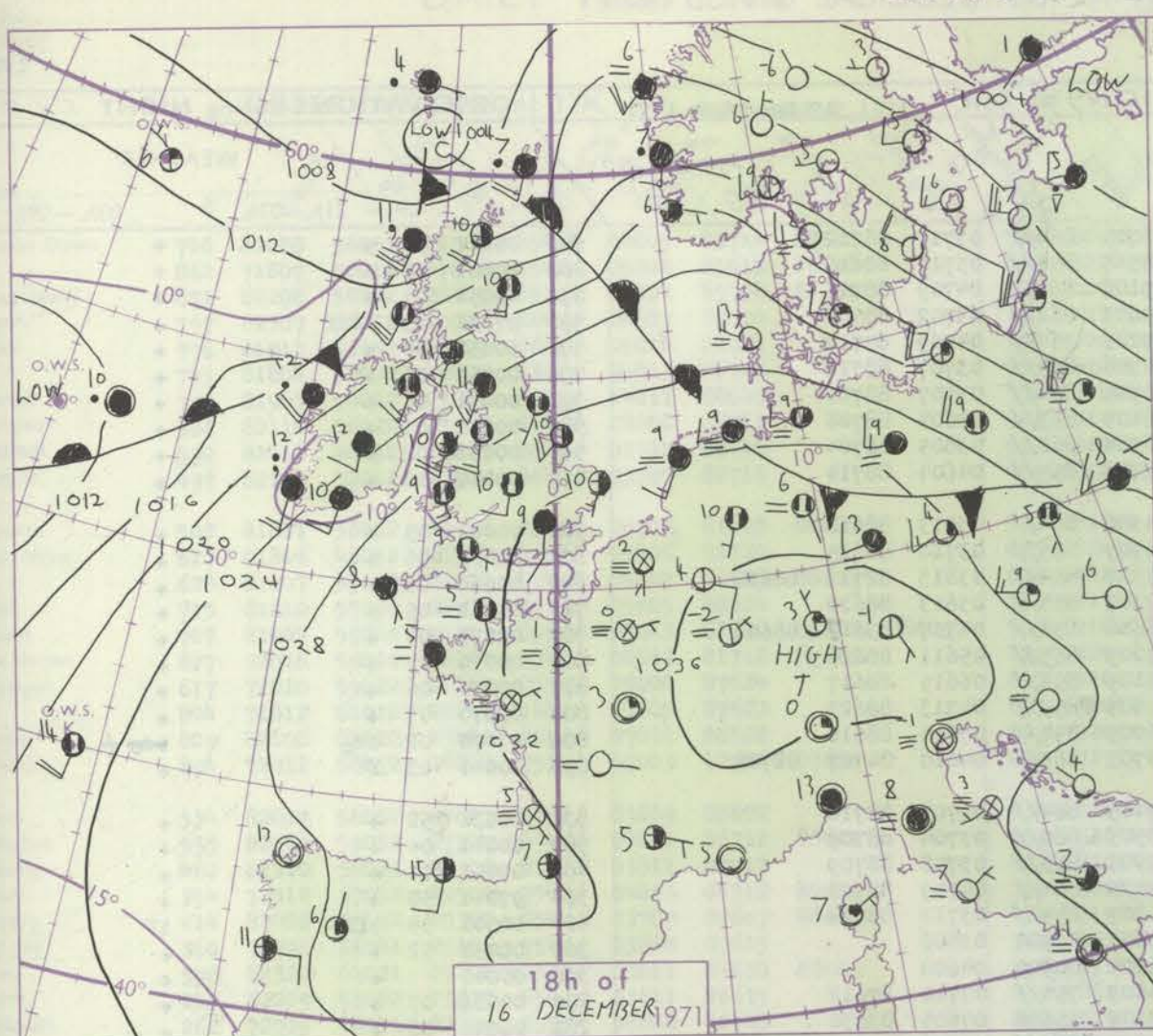


### CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over central France has remained stationary, dominating the weather over southern Britain. A shallow low about 500 miles due west of Ireland moved rapidly northeast towards the Faeroes and has now reached the Norwegian coast. Fronts, associated with this low, have affected Scotland. Another depression

about 500 miles west of Ireland is expected to deepen a little and follow a similar path to its predecessor during the next 24 hours. Meanwhile the large high over central Europe will remain unchanged.

Issued at midday Friday 17 December 1971



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

Code FM ILD		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		17 December 1971										17 December 1971										17 December 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>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER								
																								21h.—03h.	03h.—09h.						
Boscombe Down		746	81607	56055	30605	862//	04706	88705			746	81706	61022	28005	864//	03711	88712				746	00041	04	+	+						
Hurn		862	81702	62022	30707	864//	04806	88614			862	81304	62022	28507	854//	05712	88616				862	00061	06	+	+						
Thorney Island		871	82107	58052	31206	863//	05707	82708	88709		871	82205	61022	29106	864//	04709	88711				871	00051	05	+	+						
Manston		797	82305	15282	31804	860//	04502	88701			797	82405	32102	29603	862//	03702	88704				797	97031	03	ff1f	+						
Gatwick		776	82006	45052	31505	863//	04605	85706	88708		776	72207	58012	29205	764//	04709	87710				776	00051	04	+	+						
Kew		775									775	82303	64022	28706	864//	03707	88712				775	00051	05	+	+						
Heathrow		772	71508	58022	30607	754//	04707	87614			772	82605	58022	28705	864//	03707	88711				772	00051	05	+	+						
Honington		586	81903	58022	30308	854//	04805	86712	88617		586	81908	40022	28405	863//	03604	88706				586	00041	03	+	+						
Wattisham		590	82007	50051	30907	864//	05707	88711			590	82312	37052	28904	862//	03805	88704				590	00031	02	+	+						
Gorleston		497	72008	56052	30308	764//	07711	87715			497	81907	58052	28706	864//	04604	88714				497	00040	02	+	+						
Aberporth		502	81612	61022	27608	854//	06507	82712	88614		502	81511	59022	25506	854//	03713	88618				502	00061	05	+	+						
Ross-on-Wye		627									627	81909	57022	26907	855//	03710	88625				627	00061	06	+	+						
Filton		628	81709	66032	30407	854//	03504	88615			628	81606	66022	27507	854//	03813	82713	88618				628	00060	06	+	+					
Rhoose		715	81510	63022	30107	854//	04504	88615			715	82502	63012	27307	855//	03613	88620				715	00061	05	+	+						
Chivenor		707	71708	66022	29408	754//	04706	87619			707	81307	62022	26608	854//	04717	83617	88622				707	00071	07	+	+					
Mount Batten		827	81911	59022	29708	854//	05705	88619			827	81908	59022	27109	855//	05611	88625				827	00070	07	+	+						
St. Mawgan		817	81711	62022	29008	854//	04609	88615			817	81809	62022	26109	854//	06615	88617				817	00070	06	+	+						
Scilly		804	81902	62022	28508	854//	05708	88617			804	82105	66022	25809	855//	04713	88623				804	00070	07	+	+						
Culdrose		809	81805	64022	29107	854//	05608	88614			809	82206	56025	26009	854//	07614	88616				809	97070	02	1d0	+						
Guernsey		894	81713	35052	30606	862//	05708	88703			894	81809	56054	28705	863//	04610	84707	88708				894	00041	03	f	+					
Elmdon		534	21907	58011	29206	25500	05710	82620			534	82111	64021	27405	864//	02708	88710				534	00031	52	+	+						
Gardington		559	82004	58052	30507	854//	06707	88614			559	82109	56052	28505	863//	03704	88709				559	00041	04	+	+						
Wittering		462	12105	58011	29307	15400	05710	81615			462	82208	50021	27505	863//	03708	88709				462	00041	01	+	+						
Watnall		354	02207	40051	28706	00900	05605				354	82208	48051	27005	864//	04709	88710				354	97041	50	+	+						
Shawbury		414	02305	74021	28405	00900	03505				414	82207	62024	26307	854//	03712	88614				414	00501	54	1f1F	1F						
Finningley		360	12305	48041	27508	00901	06505	81075			360	02006	28100	26203	00900	03506					360	00031	52	+	+						
Kilnsea		396	02314	65020	28407	00900	06603				396	02313	65020	26305	00900	04608					396	00040		+	+						
Leeming		257	81809	61032	26210	854//	07503	88614			257	71907	61032	24609	754//	07710	87612				257	00081	07	+	+						
Tynemouth		262	32314	66020	23610	30930	08302	83359			262	32312	74021	23309	35600	07605	83630				262	00091	06	+	+						
Carlisle		222	82318	62025	24011	854//	09301	85710	88625		222	82312	66022	22810	854//	08609	86712	88625				222	97091	08	d0	+					
Valley		302	82123	61022	26610	863//	09604	82708	88710		302	81923	61022	24509	854//	06710	88615				302	00081	07	+	+						
Ringway		334	01711	59021	27807	00900	05000				334	61608	59031	26106	654//	04510	86614				334	00051	03	+	+						
Squires Gate		318	81708	57041	27009	854//	07602	81712	88617		318	71509	30101	25205	755//	05708	87620				318	00051	03	+	+						
Ronaldsway		204	72120	62016	24711	763//	09500	84707	87708		204	82021	62022	23210	864//	07710	82710	88712				204	00091	09	+	+					
Mull of Galloway		131	82030	66022	23410	856//	09217	88630			131	82036	74022	20909	5552//	07718	85620	88460				131	00101								
Eskdalemuir		162	82220	28505	23209	871//	09301	88702	88704		162	82020	32505	21809	871//	08710	83702	88705				162	94071	07	1d0d0d0	d0d0d1d0					
Prestwick		135	32114	67031	21211	35500	09503	83628			135	61911	65011	20510	654//	08703	82710	83617	86624			135	97091	09	+	1d0					
Abbotsinch		140	72022	62502	19812	754//	09301	81712	83715	87618	140	71812	70025	19611	754//	08502	82714	87622				140	97101	09	1d0	+					
Leuchars		171	82316	62021	19112	854//	10001	88618			171	82312	64022	19611	854//	09305	88617				171	00111	09	+	+						
Dyce		091	72120	66032	16611	25778	08206	82650	86360		091	72113	70022	17011	1557//	08102	81620	87360				091	00091	07	+	+					
Lerwick		005	82332	59026	07809	853//	09504	82708	86617	88650	005	82913	58616	12007	872//	06342	86705	88708				005	01051	03	dr	r0r0id0					
Wick		075	22520	82021	12811	25600	06306	82634			075	62909	82031	15608	656//	06208	82634	86650				075	91071	05	+	r0-r0r0					
Sule Skerry		010	52330																												



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

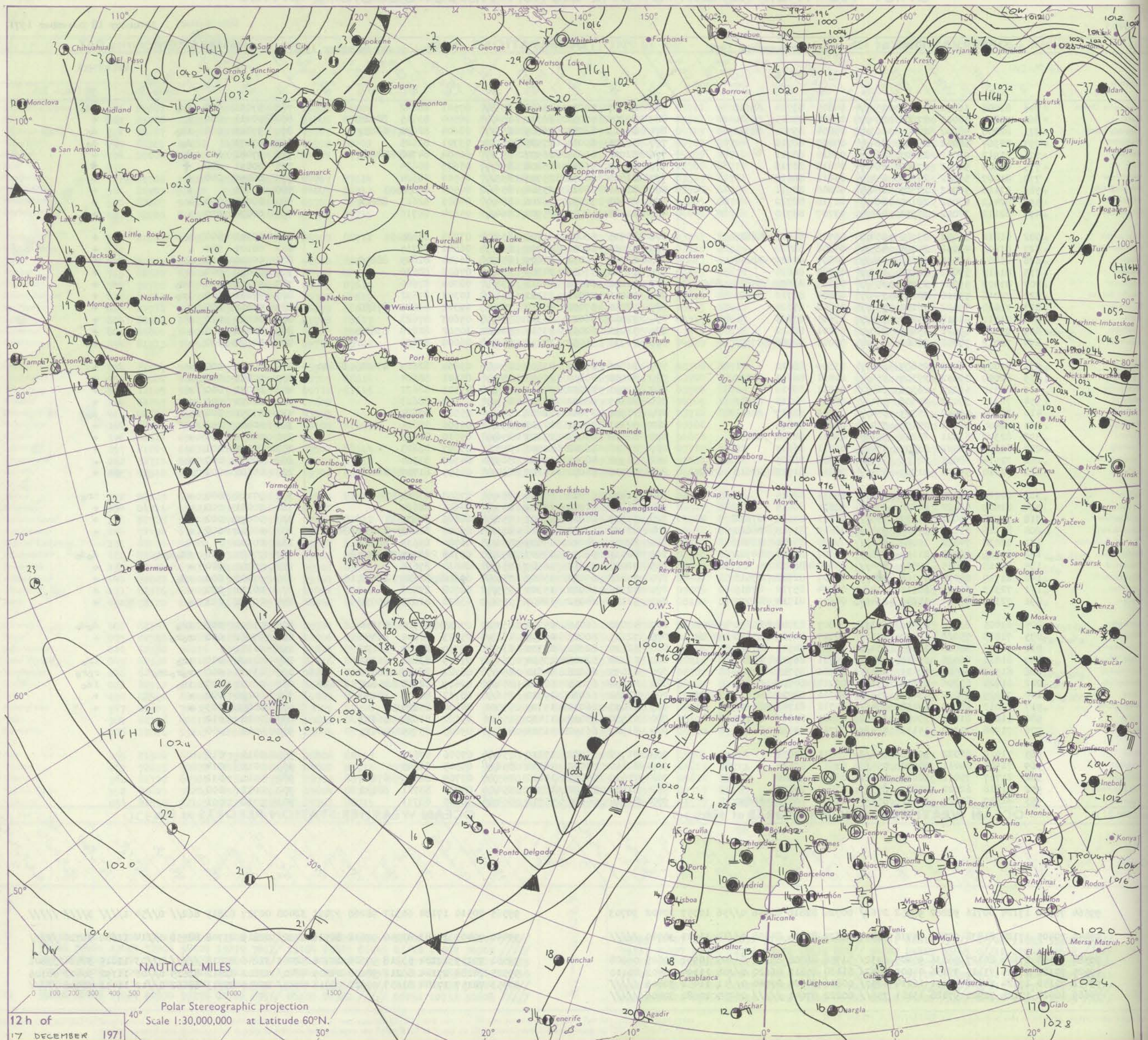
No. 40203

Date of Issue Saturday 18 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
17 December 1971										17 December 1971															
Station	iii	Nddff	VVwwwV	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	VVwwwV	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	RRT	T <sub>d</sub> ±E	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	82008	56052	27307	854//	04805	83714	88618		746	82007	50055	25608	855//	07501	88622				746	97091	000	1d0	1d0	
Hurn	862	71807	58012	27808	754//	05804	85615	86620		862	82207	57052	26310	854//	08500	83715	88623			862	00111	000	+	+	
Thorney Island	871	82208	58202	28407	863//	05804	85708	88711		871	81913	56055	26609	855//	08604	82620	88637			871	97101	000	1d0	d0	
Manston	797	82307	56052	29005	864//	04807	88710			797	32106	60015	27505	25501	03701	82625			797	97071		d0	d0		
Gatwick	776	81912	56052	28207	864//	05810	88711			776	82006	40055	26907	853//	06504	84708	88629			776	97081	000	d0	+	
Kew	775	81804	58052	27807	864//	04813	88716			775	82005	56052	26208	856//	05603	88634			775	00091	000	+	+		
Heathrow	772	81907	50052	27607	854//	04811	88615			772	81810	50052	25707	855//	05506	88624			772	00090	000	+	+		
Honington	586	82110	56022	27505	864//	02808	88711			586	81908	48012	25506	856//	04503	88630			586	00071		+	+		
Wattisham	590	82412	48052	28105	864//	02710	88710			590	82008	32052	26206	854//	04603	82613	88624			590	00061	000	+	+	
Gorleston	497	82112	32052	27504	864//	03707	88710			497	81808	58052	25906	864//	04604	88716			497	00070	000	+	+		
Aberporth	502	81811	56052	23908	854//	06700	81618	88625		502	81715	58052	21709	856//	07706	88635			502	00101	000	+	+		
Ross-on-Wye	627	81806	48052	25708	865//	05806	88720			627	82004	48052	23709	864//	06801	88715			627	00101	000	+	+		
Filton	628	81807	59052	26608	854//	04807	81619	88622		628	82008	40052	24609	855//	06701	81625	88640			628	00100	000	+	+	
Rhoose	715	81610	57052	26408	855//	05805	88624			715	81710	57052	24309	856//	07602	88630			715	00090	000	+	+		
Chivenor	707	81407	59202	25909	855//	06803	81622	85630	88645	707	71810	62022	24211	756//	08302	87640			707	97111	000	1d0	+		
Mount Batten	827	72016	59016	26611	754//	08802	81712	87625		827	72016	59022	25311	756//	10302	87632			827	97121	000	1r0	+		
St. Mawgan	817	72010	59022	26110	755//	05000	87624			817	72010	57052	24410	754//	09302	82611	87620			817	00110	000	+	+	
Silly	804	71812	61012	25211	755//	07605	87623			804	72012	56022	23311	755//	09603	87623			804	00120	020	+	+		
Culdrose	809	82108	64022	25810	855//	07001	88622			809	52011	62012	23911	58400	10502	82818	83620			809	00110	000	+	+	
Guernsey	894	72012	58052	28808	753//	07003	82706	87630		894	71711	56052	27310	755//	06000	87626			894	00100	000	+	+		
Elmdon	534	82007	56052	25807	855//	03809	88622			534	81806	45052	23807	854//	05604	82613	83624	88630			534	00081	000	+	+
Cardington	559	82009	59052	27307	854//	04811	86712	88620		559	82008	48052	25507	855//	05501	88624			559	00081	000	+	+		
Wittering	462	82310	56022	26306	864//	03811	88712			462	82011	48022	24307	855//	05501	88621			462	00071	000	+	+		
Watnall	354	72312	37052	25506	754//	04813	84712	87616		354	82109	28052	23207	855//	05502	88623			354	00071	000	+	+		
Shawbury	414	82006	59042	25307	854//	03709	82617	88620		414	71906	37042	22808	755//	05501	87624			414	97091	000	+	d0		
Finningley	360	72406	56041	25106	754//	03808	87615			360	82111	40042	22207	855//	05606	88624			360	00081	000	+	+		
Kilnsea	396	82322	61021	25205	4567/	03811	84630	88460		396	82118	65022	23207	856//	05710	88633			396	00070	000	+	+		
Leeming	257	62209	48042	23407	654//	03811	86615			257	82216	56042	20507	855//	03607	88623			257	00091	001	+	+		
Tynemouth	262	72014	48051	22109	6553/	06808	86625			262	31908	48051	19406	30930	04707	83360			262	00091	000	+	+		
Carlisle	222	72410	59012	21709	754//	05811	81712	83616	87625	222	82110	58052	19109	854//	05505	81717	88626			222	00101	002	+	+	
Valley	302	82120	62022	22510	854//	05811	88615			302	81922	61022	20110	854//	07608	83614	88620			302	97111	000	+	1r0	
Ringway	334	81809	58022	24806	854//	02811	88615			334	81912	50042	22207	855//	04605	88620			334	00081	000	+	+		
Squires Gate	318	71908	45042	23907	755//	04811	83620	87632		318	71709	24042	21207	756//	06606	87633			318	00090	002	+	+		
Ronaldsway	204	81915	65032	21809	854//	06812	81713	88620		204	82120	62022	19011	855//	06507	82623	83635	88646			204	00111	000	+	+
Mull of Galloway	131	82038	74022	19009	6562/	05825	85630	88460		131	82030	74012	17509	5569/	06704	85635	86362			131	00101				
Eskdalemuir	162	81915	56205	21107	873//	06807	84707	88712		162	82019	56055	17607	872//	05718	82705	88709			162	97081	000	1d0d0d0	d0d0	
Prestwick	135	82013	65015	19509	854//	05810	88618			135	72008	65012	16509	756//	04610	87636			135	00101	000	+	+		
Abbotsinch	140	81710	65025	19109	854//	05707	82712	87616		140	71813	65022	15809	755//	04612	82625	87643			140	97101	000	1d0	+	
Leuchars	171	72313	62022	18510	754//	08804	8571																		

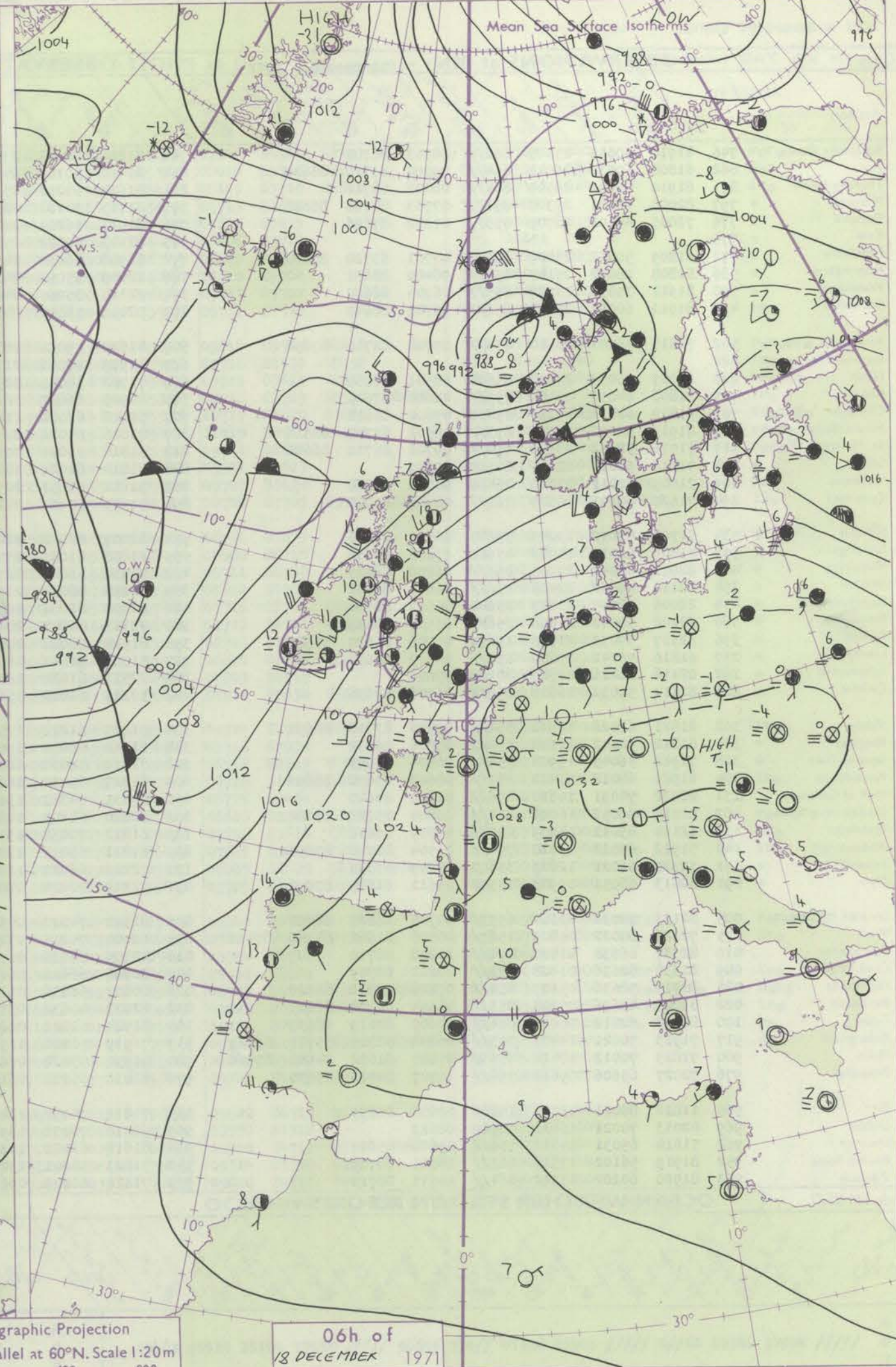
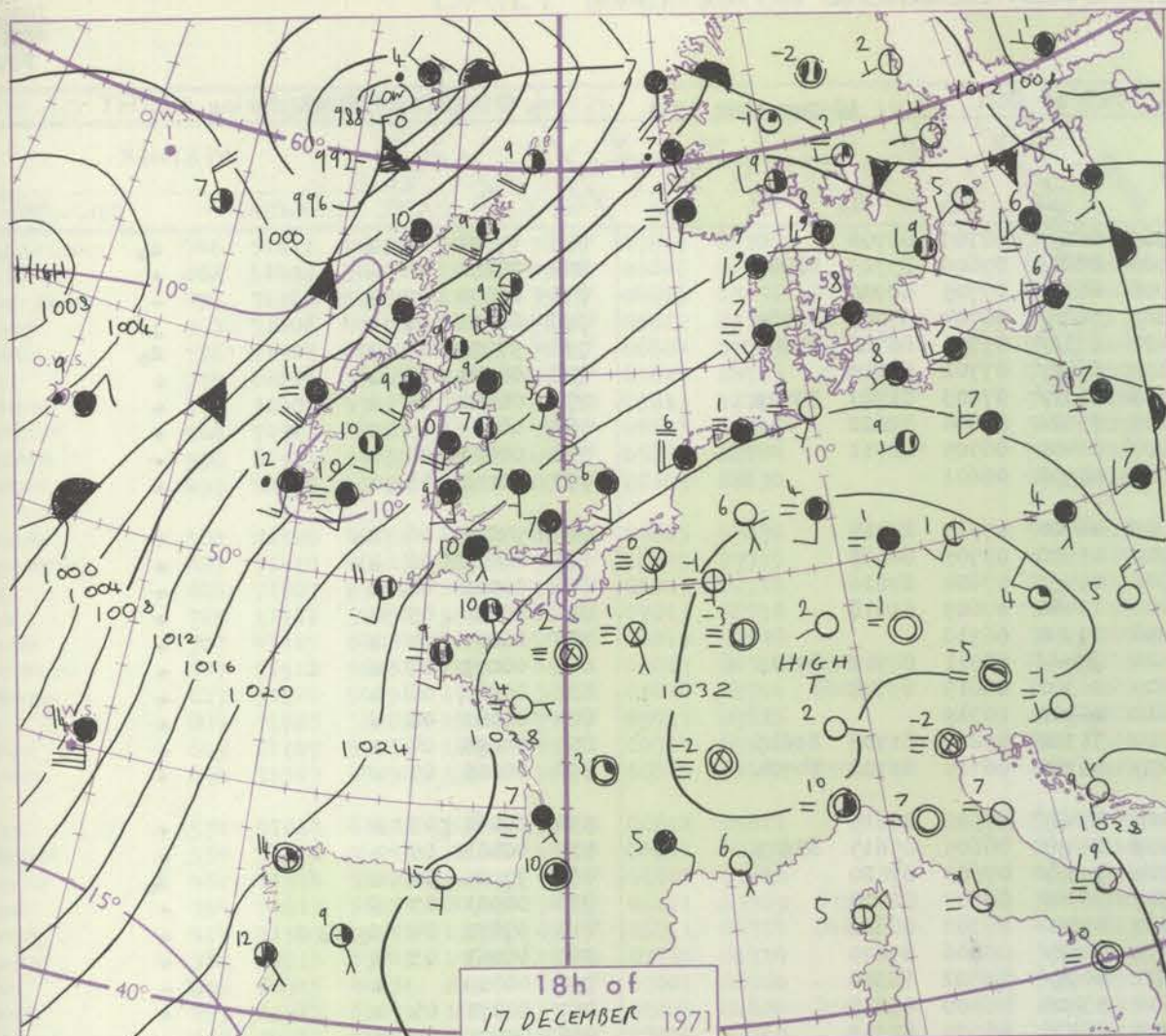


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPSIS DEVELOPMENT

The anticyclone over southern France has remained almost stationary but is expected to transfer to central Italy during the next 24 hours. A depression about 300 miles west of Northern Ireland, with a waving cold front to Azores, is now centred off the west Norwegian coast and is expected to continue to move away northeast. The associated cold front moved southeast into northwest Scotland yesterday evening but the development of a wave depression near 45 north 20 west yesterday afternoon and

its subsequent northward movement caused the front to become almost stationary over northwest Scotland. It is now expected to move northwards as a warm front although the wave depression itself has since filled up. Frontal troughs associated with an intense depression in the central North Atlantic will move into western Britain tomorrow morning.

Issued at midday Saturday 18 December 1971



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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		18 December 1971										18 December 1971																			
Station		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER								
																								21h.—03h.	03h.—09h.						
Boscombe Down	746	81910	50055	25009	862//	08503	88705				746	81814	48102	23909	862//	08705	88704				746	97071	05	+		d <sub>o</sub>					
Hurn	862	61808	60032	26010	654//	09500	83710	86639			862	81410	50101	24508	862//	07609	85703	88706			862	00071	06	+		+					
Thorney Island	871	81910	56052	26509	864//	08001	88712				871	81614	50051	25308	861//	07705	88702			871	00071	07	+		+						
Manston	797	82008	50101	27308	853//	07703	84708	88628			797	81713	32102	26307	862//	06704	83703	88705			797	00051	02	+		jf					
Gatwick	776	72005	45102	26707	755//	07302	87626				776	81913	56201	25408	873//	07705	86706	88709			776	97071	04	+		d <sub>o</sub>					
Kew	775										775	82103	59022	25109	864//	07702	88710			775	00081	05	+		+						
Heathrow	772	61809	50052	25409	654//	07701	83710	85640			772	81908	56032	24609	863//	07803	81707	88709			772	00081	05	+		+					
Honington	586	81808	28052	25107	856//	06400	88631				586	22009	35051	24207	25500	06604	82622			586	00061	05	+		+						
Wattisham	590	81911	35052	25507	855//	06704	88628				590	22114	35051	24807	26400	06505	82711			590	00061	04	+		+						
Gorleston	497	81911	60022	25407	856//	06701	88640				497	02010	58051	24507	00900	06601				497	00061	03	+		+						
Aberporth	502	71815	56201	20510	754//	09708	82715	87656			502	41620	59051	18809	46400	07610	84714			502	97091	06	d <sub>o</sub>		+						
Ross-on-Wye	627										627	41909	48051	21709	45500	07705	84625			627	00081	06	+		+						
Filton	628	62007	56052	24010	65600	08501	86639				628	71708	58051	22909	754//	07604	87616			628	00080	06	+		+						
Rhoose	715	71808	64031	23409	755//	08603	87625				715	10905	66031	22108	15400	07609	81616			715	00080	05	+		+						
Chivenor	707	41809	62011	23111	45400	09604	84618				707	01108	62020	21208	00900	06710			707	00070	04	+		+							
Mount Batten	827	81913	58022	24711	853//	09502	87709	88616			827	71816	59021	22410	754//	08711	84712	87615			827	00091	07	+		+					
St. Mawgan	817	71911	58052	23310	754//	09706	85710	86640			817	31816	56011	20509	36300	08815	83708			817	00080	06	+		+						
Scilly	804	01813	58010	22210	00900	09709					804	01814	61020	18810	00900	10719			804	00081	08	+		+							
Culdrose	809	21809	62011	23010	28400	08710	81818				809	31812	56051	20710	35300	09815	81708	83615			809	00090	04	+		+					
Guernsey	894	71620	40101	26809	761//	08703	87702				894	51515	50101	24207	56100	06714	82702	84704			894	00060	05	+		+					
Elmdon	534	51707	57012	23007	55600	06503	85636				534	82007	62022	22210	854//	07502	88615			534	00061	03	+		+						
Cardington	559	41809	62011	24408	45600	07608	84630				559	81808	61031	23709	854//	08605	85615	88623			559	00061	00	+		+					
Wittering	462	82011	48042	23408	855//	06808	88625				462	72014	56045	22709	755//	07603	87620			462	97061	04	+		d <sub>o</sub>						
Watnall	354	82110	40052	22408	856//	06604	88632				354	22114	48051	21309	26300	08607	82708			354	00061	03	+		+						
Shawbury	414	22006	58045	21807	25600	05507	82630				414	62004	62031	20609	65500	07302	86620			414	97071	04	d <sub>o</sub> 1d <sub>o</sub>		+						
Finningley	360	82108	50042	21408	856//	06508	88639				360	72113	50042	20409	756//	08606	87640			360	00061	03	+		+						
Kilnsea	396	32317	57031	21706	15670	05706	81630	83360			396	81914	58021	20607	80977	06802	88360			396	00050		+		+						
Leeming	257	61816	56042	19109	656//	04607	86630				257	51508	58041	18508	55400	06500	85614			257	00071	05	+		+						
Tynemouth	262	02116	66021	17509	00900	05808					262	22511	61020	16509	20930	05505	82359			262	00071	04	+		+						
Carlisle	222	82114	59032	16610	856//	06708	88638				222	52317	61012	15611	45601	08606	84640			222	00091	06	+		+						
Valley	302	81821	61026	18911	854//	09507	83710	88632			302	81823	61212	17511	854//	09707	83710	88628			302	91101	09	+		r <sub>o</sub>					
Ringway	334	61812	50042	21108	656//	05606	86632				334	81710	58031	19809	854//	07606	84618	88635			334	00071	05	+		+					
Squires Gate	318	71912	56045	19908	756//	06504	87649				318	71812	58032	18609	756//	08605	87646			318	97080	06	d <sub>o</sub>		+						
Ronaldsway	204	81921	68012	17411	857//	08603	83650	88656			204	81817	65031	16111	854//	09802	86710	88640			204	00101	08	+		+					
Mull of Galloway	131	62032	74031	14610	656//	08603	86640				131	82035	74031	13610	856//	09605	88640			131	00101										
Eskdalemuir	162	82115	59052	16008	854//	06804	85713	88620			162	82020	61102	14809	862//	08805	84703	88707			162	93071	06	+		ir					
Prestwick	135	62114	65011	14109	657//	06709	86656				135	81811	70031	13111	855//	08709	81620	83632	88650			135	00091	07	+		+				
Abbotsinch	140	71912	65022	13710	754//	06504	82714	87650			140	61811	65012	12211	654//	08710	82713	86620			140	00091	08	+		+					
Leuchars	171	32320	66021	12609	35600	05709	83635				171	72215	68021	11810	755//	07807	86622	87640</													



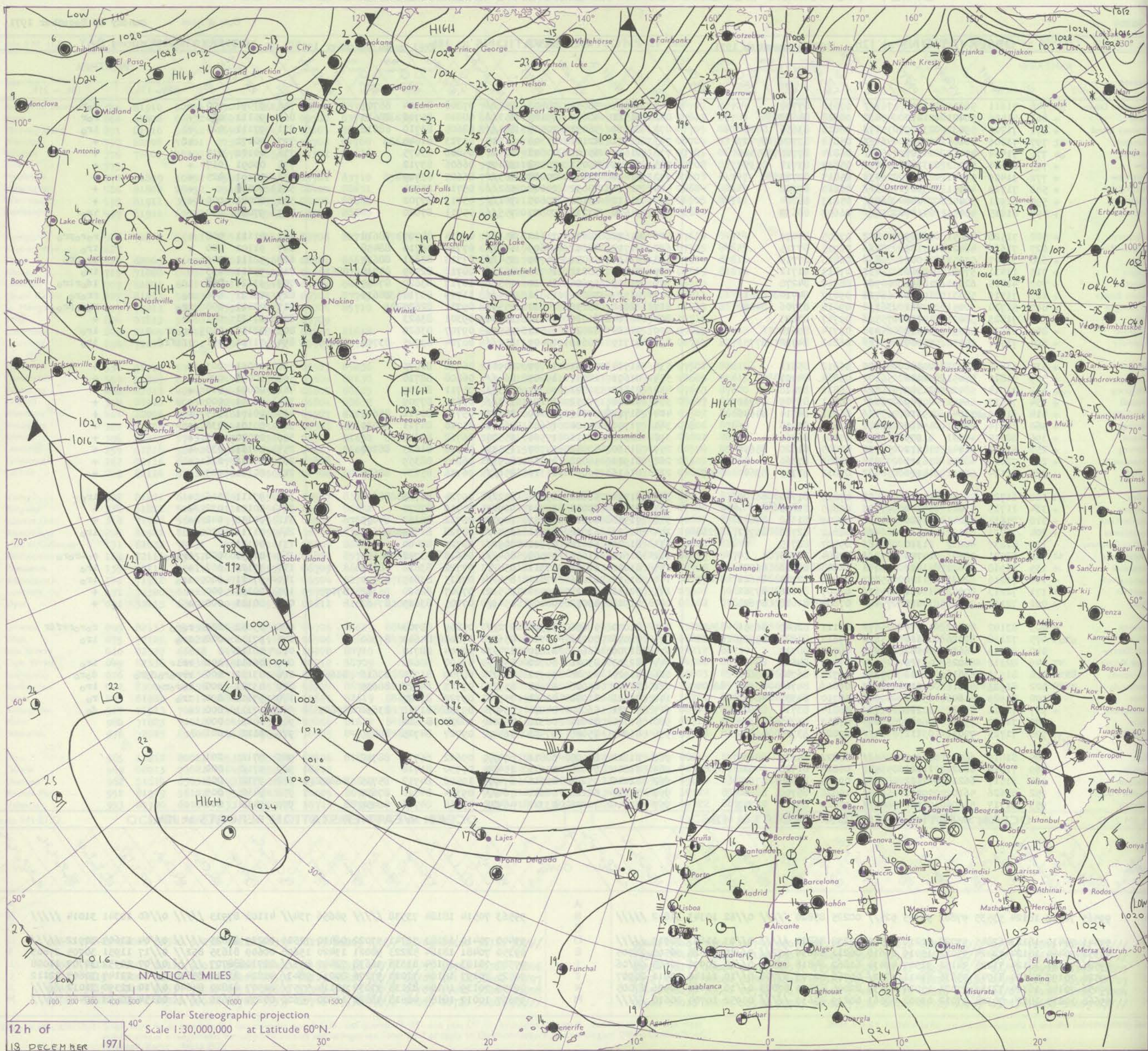
## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40204

Date of Issue Sunday 19 December 1971

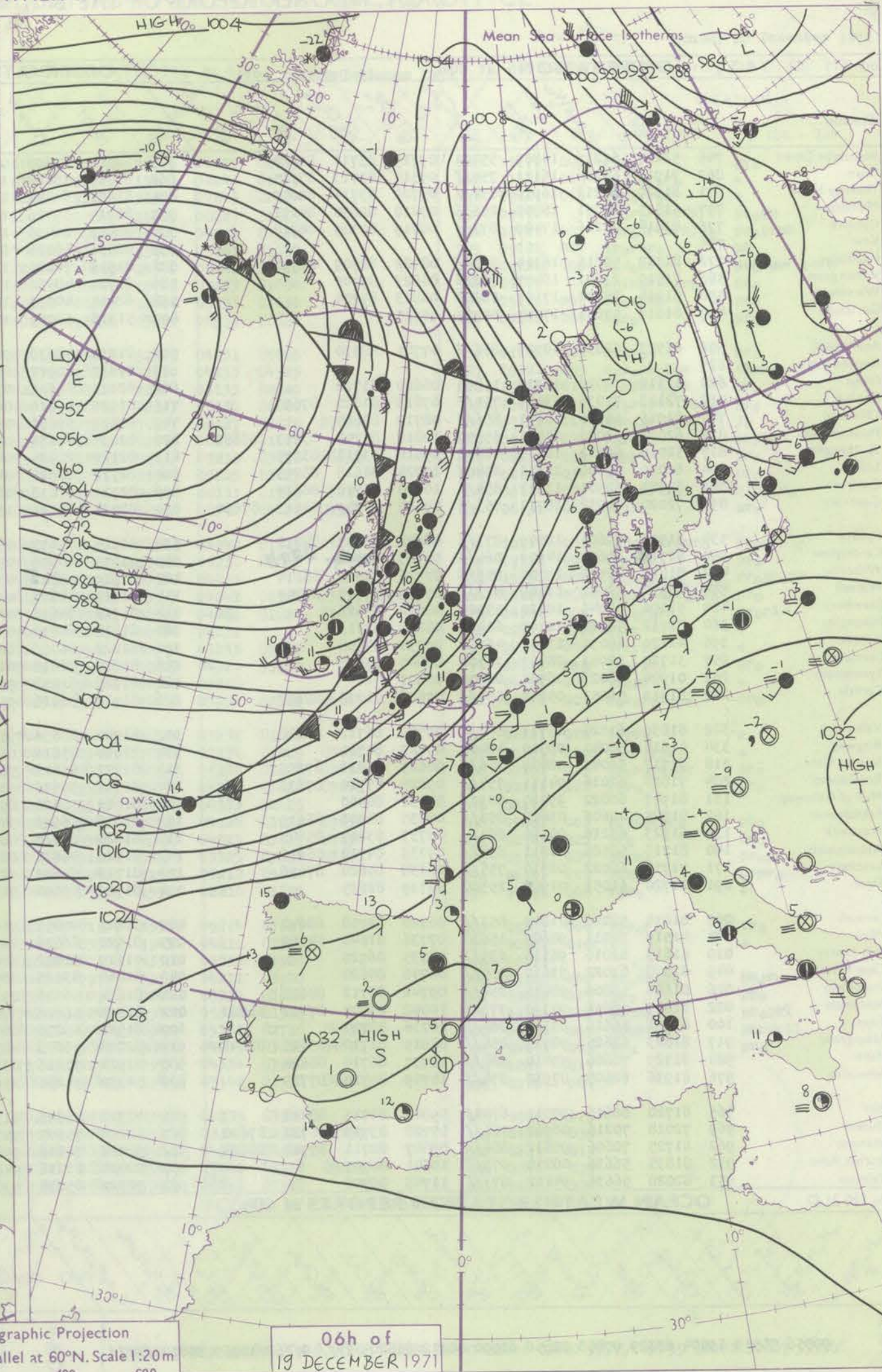
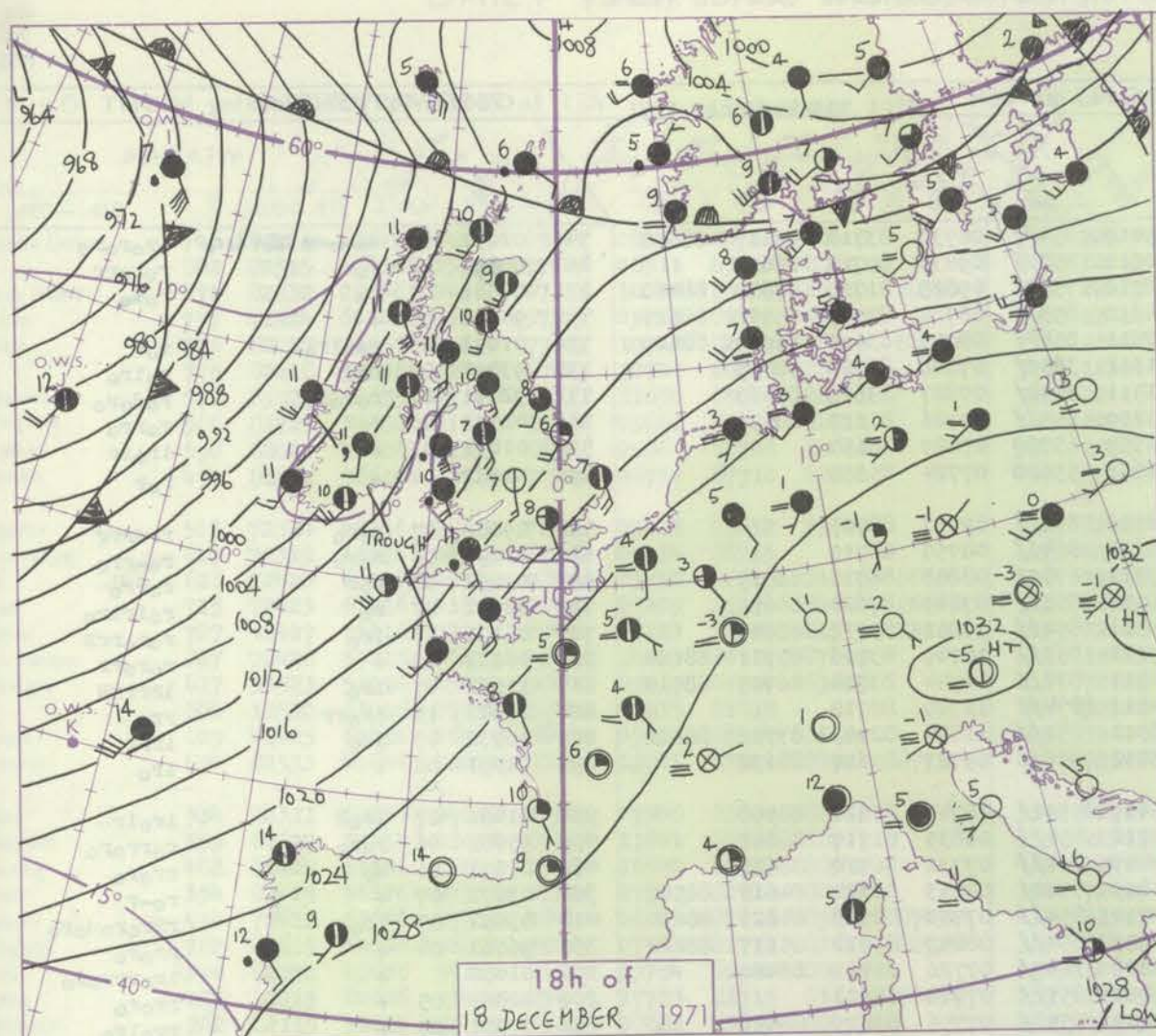
OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
18 December 1971										18 December 1971										18 December 1971					
Station	ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	RRT	T <sub>d</sub> T <sub>d</sub> app	SSS	WEATHER		
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	71611	56055	21809	763//	07816	87708			746	81814	56052	18408	862//	07808	84704	88707		746	97091	000	+		roRo	
Hurn	862	51409	50021	21810	45430	08818	84612			862	81511	40052	19109	853//	08810	85706	88613		862	95111	028	+		roR	
Thorney Island	871	71206	59032	23109	3577//	08818	83656	87360		871	82210	56051	20509	854//	08605	83710	88616		871	97111	024	+		iro	
Manston	797	71806	40104	25005	762//	05812	83704	87707		797	11711	42101	21306	15600	05713	81640			797	00071		1f		+	
Gatwick	776	71404	40052	24107	7627//	06814	87705	85360		776	31609	45101	20606	00901	05808	83075			776	00101	015	+		+	
Kew	775	61604	58052	23308	3647//	05817	83712	85357		775	32005	48051	20008	36400	06606	83712			775	00091	017	+		+	
Heathrow	772	31409	57011	23308	26439	05813	82710			772	51608	50051	20008	563//	06605	85709			772	00101	025	+		+	
Honington	586	71713	48051	23307	763//	06813	87706			586	51511	28052	20006	562//	05710	85704			586	00091		+		+	
Wattisham	590	81911	30052	24006	862//	05813	88704			590	71612	23102	20605	761//	05713	87702			590	00081	000	+		+	
Gorleston	497	81815	40051	24107	856//	06607	88630			497	71620	57216	20807	755//	05711	87620			497	97081	000	+		iro	
Aberporth	502	71520	48051	16809	00902	07805	87070			502	81622	48612	11110	853//	09614	85707	88618		502	01111	008	+		roRroPro	
Ross-on-Wye	627	71610	48021	20109	764//	06715	87715			627	81712	48602	15609	6742//	07716	86710	88458		627	91101	000	+		iro	
Filton	628	71507	57052	21009	764//	06813	87710			628	81514	56052	16709	854//	07713	83611	88614		628	92111	009	+		iroRro	
Rhoose	715	11411	57051	19910	16431	07813	81712			715	81413	58212	15710	853//	08718	82709	85710	88616	715	95111	033	+		iro	
Chivenor	707	41415	62030	18611	00906	08817	84278			707	71819	59606	14312	755//	10717	83620	87645		707	93121	043	1d0		1d0Riro	
Mount Batten	827	71512	58031	19911	664/1	09817	84710	83618		827	81924	48616	15811	854//	11719	83710	88615		827	03121	006	ro		rrroRo	
St. Mawgan	817	51720	50051	17711	36332	09818	83706	84070		817	22012	66256	14310	25500	09711	82625			817	02111	008	iro		roRroPro	
Scilly	804	71823	58021	15712	755//	09717	87623			804	42124	61026	14011	35530	09301	83623			804	01121	002	ir		+	
Culdrose	809	61917	58051	18511	65431	09714	85618			809	32114	62021	14510	35500	09707	83620			809	03112	010	iroRr		iro	
Guernsey	894	71717	25052	22507	761//	06811	84702	87703		894	81719	50606	20409	852//	08704	83705	83707	88656	894	01111	001	jrffff		iro	
Elmdon	534	51812	61022	20808	51400	06812	85811			534	11714	57011	16707	00901	06716	81075			534	00091	003	+		+	
Cardington	559	51810	58051	22808	56300	06814	84707			559	81603	28051	19207	864//	06808	88710			559	00091	024	+		+	
Wittering	462	71914	58022	21709	754//	06812	87618			462	81812	32041	18307	863//	05711	88709			462	00091	018	+		+	
Watnall	354	72013	56051	20709	763//	06811	83709	87711		354	71806	37052	17109	773//	05612	87709			354	00091	000	+		+	
Shawbury	414	61909	58041	19310	654//	06811	84714	84640		414	61712	57041	15209	55402	05715	81711	85614		414	00101	015	+		+	
Finningley	360	12014	57041	19610	16400	07815	81710			360	71709	40101	16606	46441	05710	84711	86080		360	00101	036	+		+	
Kilnsea	396	62315	40031	21309	6097//	07001	86360			396	22018	48011	17506	15570	06712	81625			396	00090	029	+		+	
Leeming	257	61912	61041	18111	55531	07805	81620	85650		257	81510	40042	14707	15537	06810	81625	88270		257	00111	033	+		+	
Tynemouth	262	72018	48051	16311	7097//	08802	87360			262	81913	58022	14009	8097//	06803	88359			262	00111	016	+		+	
Carlisle	222	62114	66012	14912	38432	07811	81717	83640	85072	222	81616	56052	11310	856//	06716	85634	88640		222	00121	003	+		+	
Valley	302	61728	59052	15010	16408	07817	81710	86272		302	81734	58602	09411	852//	09724	83703	88614		302	97111	016	+		iro	
Ringway	334	11715	57021	19109	15530	06805	81620			334	71608	30041	15007	00902	05716	87070			334	00101	032	+		+	
Squires Gate	318	71614	56041	17510	10931	07809	81362	87073		318	71518	40041	13207	20932	06712	82362	87075		318	00110	042	+		+	
Ronaldsway	204	71723	61032	14511	664/8	08812	82710	85712	87268	204	81623	62032	09011	854//	08728	81714	88618		204	91111	000	+		iro	
Mull of Galloway	131	81837	60032	11310	864//	09507	88715			131	81840	60022	05511	8092//	08725	88460			131	00111					
Eskdalemuir	162	82021	58602	14708	872//	07804	88705			162	81610	61056	10508	854//	06618	83711	86633		162	01091	000	iriro		ro-roRo	
Prestwick	135	71918	64022	11811	58446	08808	83618	86274		135	81820	62022	07311	854//	07722	83616	88645		135	97121	002	+		iro	
Abbotsinch	140	71816	62021	11112	55472	08801	82714	84620	86075	140	81512	62036	07411	854//	07615	83615	88620		140	97121	000	iro		iro	
Leuchars	171	72213	80022	11011	5553//	07707	8562																		







# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over Austria is moving a little southeast and is extending a ridge to Spain and the Azores. The low in the Norwegian Sea moved away to Finland and the intense depression in mid Atlantic moved northeast towards Iceland and is expected to continue towards the Norwegian coast filling a little. Meanwhile yet another vigorous depression is deepening south of Newfoundland and will move to

mid Atlantic. A cold front from Iceland to Ireland will move across all districts of Britain today followed by a strong to gale unstable southwest airstream. This will begin to stabilize as the frontal system from the next depression will be approaching southwest Ireland by mid-day tomorrow.

Issued at midday Sunday 19 December 1971



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

Code FM II.D		OBSERVATIONS at 00h.								OBSERVATIONS at 06h.								OBSERVATIONS during NIGHT							
		19 December 1971								19 December 1971								19 December 1971							
Station	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	8N <sub>h</sub> Ch <sub>h</sub> s <sub>h</sub>	ill	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER			
																						21h.--03h.	03h.--09h.		
Boscombe Down	746	52217	61216	14809	55401	09719	83711	84620		746	82022	61602	09410	854//	08732	83710	86617	88640	746	02091	07	ro-ro-ro-ro-ro	ir-or-or-or		
Hurn	862	71913	60036	16111	754//	09514	83713	87615		862	81719	58602	10611	854//	09835	85710	88620		862	05091	08	ro-r	ro-ror-r		
Thorney Island	871	81920	61212	16910	854//	09720	83714	88650		871	81821	64022	12710	7542/	09829	81710	87615	88460	871	02081	07	ro	ro-ro		
Manston	797	51815	40051	18808	25636	07818	82630	84272		797	81914	59026	14610	853//	08724	82709	85712	88625	797	94051	05	+	r		
Gatwick	776	81814	40216	17409	873//	08719	82709	88712		776	82019	66036	12811	854//	08727	83711	86614	88620	776	01091	06	ro-Rir-o	ro-r		
Kew	775									775	82011	66026	11311	3652/	07828	83720	88459		775	93091	07	rr-o	ro-ror		
Heathrow	772	81712	50216	16110	873//	08722	82709	88711		772	81913	70025	11411	3542/	07827	83618	88460		772	92091	07	ro-ro-do	ro-do-ro		
Honington	586	71510	23601	16407	762//	06823	87705			586	81713	48026	11209	855//	07726	81622	88656		586	01051	03	ro	ro-rro		
Wattisham	590	51914	28101	17107	56200	06823	85704			590	62014	40051	11709	65700	07829	86650		590	01051	03	+	ir-or			
Gorleston	497	01818	57051	17207	00900	06725				497	51818	58051	12608	55600	07724	85630		497	01062	04	+	ro-r			
Aberporth	502	81723	62038	08709	856//	07721	88630			502	81732	48636	98709	872//	09757	88705		502	09082	07	ro-ro	rr-drrr			
Ross-on-Wye	627									627	81812	60022	05210	864//	08750	88710		627	02091	06	ro-ro	ro-rro			
Filton	628	12112	74026	13310	15400	08620	81712			628	82015	66611	07311	6742/	08843	86716	88525		628	03091	08	ro-r	ro-rro		
Rhoose	715	72113	75036	13009	755//	07813	81620	87650		715	81920	66616	06010	855//	07849	87620	88650		715	02091	07	ro	ro-rir-o		
Chivenor	707	81916	66036	12611	856//	08712	88644			707	81822	59636	04311	854//	10852	85712	88640		707	06101	07	ir-o	ro-ror-r		
Mount Batten	827	62021	62026	14511	65300	10810	81708	83715	86650	827	82034	40636	07511	853//	10749	83706	85711	88620	827	06111	09	+	ro-ror-r		
St. Mawgan	817	52018	66011	12711	46408	09818	83711	83275		817	82127	28636	04911	872//	11744	83704	86707	88710	817	11092	07	ir-o	irrr-r		
Scilly	804	82020	59606	11311	45407	10724	84618	88275		804	82127	48636	04111	874//	11740	88710		804	12102	10	ir-or-r	rr			
Culdrose	809	82021	62501	13611	854//	10710	83710	88625		809	82125	37636	06311	852//	11844	82703	83706	88622	809	06072	07	id-o	irrr		
Guernsey	894	72020	64032	18411	753//	09000	82709	84613	87650	894	82024	66022	13712	855//	09723	85620	88632		894	92091	08	+	ir-o		
Elmdon	534	81913	60601	12009	873//	08728	86707	88711		534	81916	75612	05409	5552/	08744	85622	88550		534	01081	07	ir-or	ir-or		
Cardington	559	81714	40602	14909	864//	08723	86707	88711		559	81917	58606	09210	854//	08835	81710	88641		559	95081	06	ro-ro	ro-rro-ro		
Wittering	462	81814	40502	13708	853//	07726	84708	88614		462	81919	59625	07409	854//	07732	86710	88618		462	01071	06	do	rr-ro		
Watnall	354	81914	58052	11809	863//	07627	87707	88709		354	81815	62636	04809	5542/	08843	82714	84618	88545	354	03071	07	+	ro-r		
Shawbury	414	52006	56045	10410	55500	08722	85626			414	81916	74616	02010	854//	07750	82713	84623	88650	414	03091	07	id-o	rr-ro-ro-do-ro		
Finnigley	360	81712	48102	11109	864//	08832	88713			360	81814	64616	03909	854//	08843	83712	85617	88621	360	96061	04	+	rr-ro		
Kilnsea	396	42120	48031	13007	46300	06730	84708			396	82022	66606	08209	2647/	07726	82713	88460		396	01062	+	+	ir-or-rro-ro		
Leeming	257	31720	32041	08407	36300	06845	83708			257	81816	58616	01009	855//	07748	88622		257	02061	05	+	rr-ro			
Tynemouth	262	01924	58021	06908	00900	06843				262	81926	61258	99109	3552/	07756	83625	88459		262	97071	05	+	pr-or		
Carlisle	222	81913	56051	05210	854//	07832	81715	88627		222	81919	56616	95510	5542/	07863	83715	84625	88550	222	02091	06	+	ro-rro-ro		
Valley	302	81830	61026	05711	854//	09725	86712	88618		302	81740	48636	95310	873//	09761	88708		302	07101	09	ir-or-ro-ro	rr-ro			
Ringway	334	41614	56041	09509	46400	07729	84710			334	71618	65216	01609	754//	07751	81614	83622	87650	334	01081	08	+	ro		
Squires Gate	318	71717	56041	08009	756//	08629	83631	87650		318	81721	65616	98809	856//	07755	83630	88650		318	04082	06	ro-ro	ro-ror-r		
Ronaldsway	204	71824	62016	04111	754//	09825	85714	87633		204	81735	30636	93210	853//	09765	84707	85710	88615	204	06101	09	rr	rr-ro		
Mull of Galloway	131	81947	60022	99210	8092/	08731	88460			131	81865	58026	85911	874//	08716	88712		131	01072						
Eskdalemuir	162	81925	48606	03608	853//	07835	84708	88619		162	81928	56636	94007	873//	07862	85709	88713		162	14072	06	rr-ro-ro-ro-ro-ro	ro-ror-r		
Prestwick	135	61923	65216	00310	684//	08739	83817	85645		135	81825	60616	88710	854//	08768	84615	88622		135	05101	08	do-ro-do-ro-ro-ro	ro-ror-rir-o		
Abbotsinch	140	81718	58586	00211	854//	09739	84712	88616		140	81726	56636	88310	4542/	10783	82712	83618	88540	140	09092	08	id-do-ro	rr-ro		
Leuchars	171	71718	68022	02310	755//	06838	85628	87656		171	81723	64632	92209	854//	07762	81712	86630	88643	171	03081	08	ro	ro-ror-r		
Dyce	091	21720	61051	01908	25500	06739	82625			0															



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40205

Date of Issue. Monday 20 December 1971

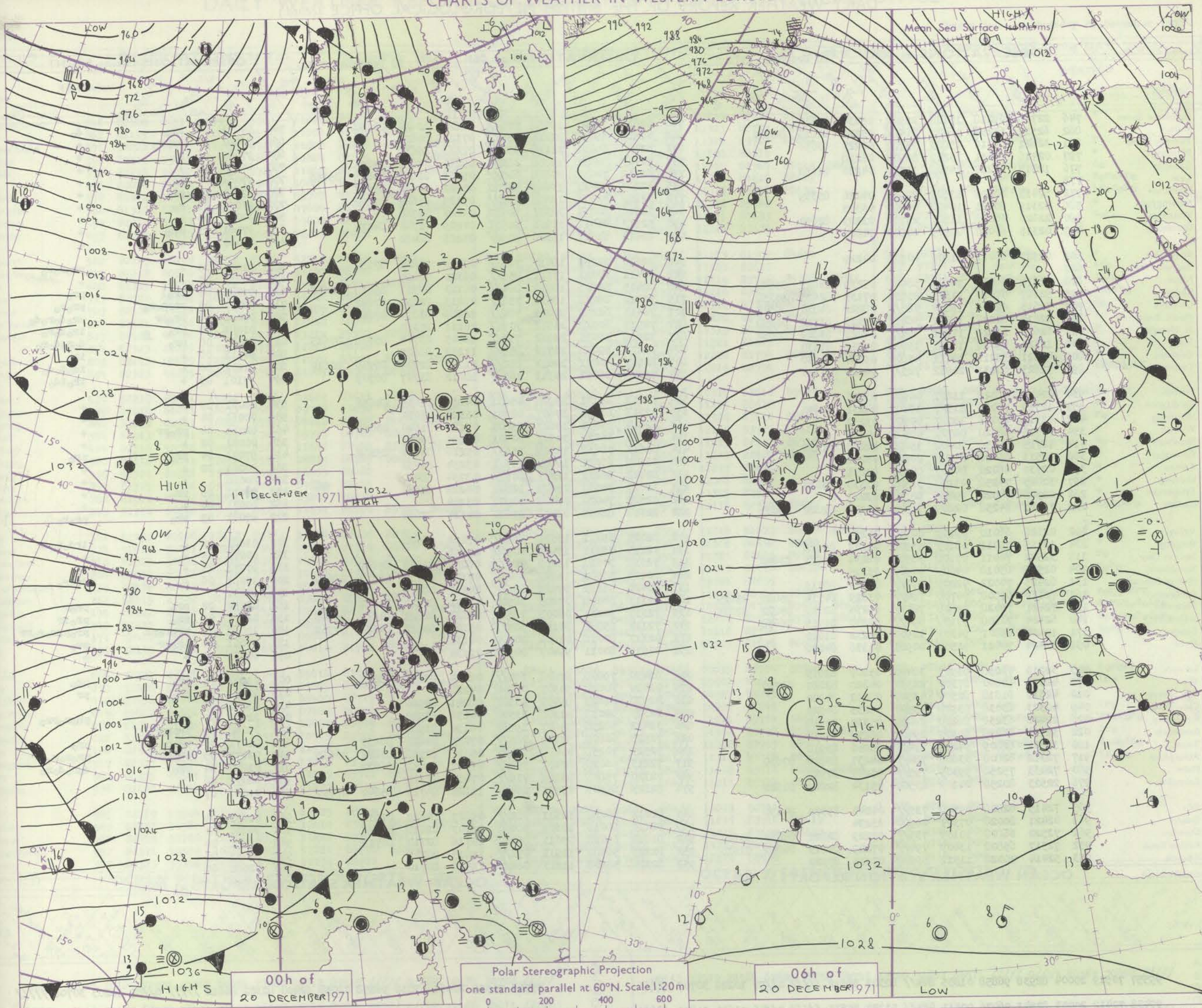
OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
19 December 1971										19 December 1971															







# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The very deep depression about 300 miles southwest of Iceland continued to move slowly north and is now stationary just off west Iceland. A very active cold front, associated with this low crossed the whole of the British Isles with gale force winds in all areas. The anticyclone over Spain, meanwhile, remained stationary.

A wave depression about 500 miles west of Ireland is running very rapidly northeast and is expected to become absorbed by the parent low which will remain stationary in the Iceland area, during the next 24 hours. The Iberian anticyclone is not expected to move and may intensify slightly.

Issued at midday Monday 20 December 1971



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

Code FM II.D		OBSERVATIONS at 00h. 20 December 1971										OBSERVATIONS at 06h. 20 December 1971										OBSERVATIONS during NIGHT				
Station	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>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	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> 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> E	T <sub>g</sub> T <sub>g</sub>	WEATHER				
																						21h.--03h.	03h.--09h.			
Boscombe Down	746	22716	69218	15108	25500	05234	02622			746	62614	66501	19408	655//	06115	83624	86630		746	94071	05	ir <sub>o</sub>	d <sub>o</sub>			
Hurn	862	62512	65256	16409	604//	05229	02818	86629		862	62512	65038	21211	655//	07120	86629			862	96091	06	prpr <sub>o</sub>	+			
Thorney Island	871	32621	69016	15809	35700	06227	03656			871	62408	69031	21110	656//	07228	86639			871	97091	06	r <sub>o</sub>	+			
Manston	797	02416	70011	13209	00900	06218				797	72413	82031	19808	10504	05230	81820	87075		797	00071	04	+	+			
Gatwick	776	12515	80258	14708	15730	04226	81656			776	62112	70031	20808	685//	05231	81825	83645	85656		776	97061	03	pr <sub>o</sub>	+		
Kew	775									775	52207	70021	19409	55600	05222	81630	85650		775	97081	05	pr <sub>o</sub>	+			
Heathrow	772	52415	80036	13509	50930	04226	85359			772	72109	75031	19208	755//	05129	81622	87656		772	97071	03	r <sub>o</sub>	+			
Honington	506	02319	80021	10408	00900	03325				506	52316	80011	16307	50930	03024	85360			506	00071	05	+	+			
Wattisham	590	22620	66038	11307	25700	03229	82650			590	52513	66011	17506	20931	04229	82360	84075		590	97061	03	pr <sub>o</sub>	+			
Gorleston	497	02315	60020	08909	00900	04327				497	82412	61021	15108	8092//	03223	80460			497	00060	03	+	+			
Aberporth	502	02523	66011	11609	00900	04229				502	72120	62258	16410	785//	09306	83825	87650		502	91081	05	+	pr <sub>o</sub> r <sub>o</sub> r <sub>o</sub>			
Ross-on-Wye	627									627	82411	60021	17111	855//	06320	88625			627	00071	05	+	+			
Filton	628	52612	66038	14808	58400	05239	83817	85640		628	82415	62001	18810	884//	08123	83711	85818	88632		628	97081	06	pr <sub>o</sub> l	pr <sub>o</sub>		
Rhoose	715	52617	66018	14309	25530	07135	82625	85350		715	72520	66018	10611	756//	09213	82630	87642		715	02071	05	prph <sub>o</sub> r <sub>o</sub>	pr <sub>o</sub> r <sub>o</sub>			
Chivenor	707	72615	62808	15110	786//	08226	84830	86645		707	72415	62258	20011	784//	10209	83816	87640		707	05091	06	pr <sub>o</sub> pr	pr <sub>o</sub> d <sub>o</sub> r <sub>o</sub> d <sub>o</sub>			
Mount Batten	827	82617	62258	18211	3847//	09323	83712	88358		827	72515	62028	21812	7097//	10111	87360			827	01091	08	pr <sub>o</sub>	ir <sub>o</sub> d <sub>o</sub> r <sub>o</sub>			
St. Mawgan	817	62625	61028	17711	685//	08223	83822	86650		817	72519	56051	21012	752//	10005	83704	85706	87615		817	01091	08	pr <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>		
Scilly	804	12523	59028	18811	15600	09232	81630			804	82213	59028	21712	855//	11213	88625			804	94112	08	+	ir <sub>o</sub>			
Culdrose	809	42521	62216	19111	45600	09334	84630			809	82517	40051	22011	852//	11120	82704	86709	88614		809	91102	06	+	id <sub>o</sub> d <sub>o</sub> d <sub>o</sub>		
Guernsey	894	72625	60031	20912	725//	08125	87824			894	72519	56052	24311	763//	10012	83707	86709		894	97101	09	+	ir <sub>o</sub> id <sub>o</sub>			
Elmdon	534	02413	68028	11207	00900	03236				534	52413	65031	15908	45601	04218	81635	84656		534	00061	03	+	+			
Cardington	559	12319	70028	11507	15600	04231	81640			559	12113	61030	17607	00901	05324	81070			559	00061	04	+	+			
Wittering	462	02513	80028	10007	00900	03232				462	32414	69030	15607	15604	03123	81640	83075		462	02061	04	pr <sub>o</sub> pr	+			
Watnall	354	02515	66028	08706	00900	04230				354	32512	66020	14507	00901	03225	83075			354	00051	02	+	+			
Shawbury	414	12715	70258	10208	15600	02238	81630			414	62613	70038	15309	3563//	05216	83630	85362		414	97071	04	pr <sub>o</sub>	pr <sub>o</sub>			
Finningley	360	02513	69020	07108	00900	03236				360	32209	66021	13408	15701	03234	81650			360	00061	02	+	+			
Kilnsea	396	02730	66020	04807	00900	04231				396	82422	66021	12307	8097//	03234	80460			396	00060		+	+			
Leeming	257	32625	74258	03108	32500	03338	83825			257	12617	74038	09609	12600	04225	81830			257	91071	05	pr <sub>o</sub>	+			
Tynemouth	262	02528	74020	99208	00900	03227				262	02524	74020	07408	00900	03144				262	00071	04	+	+			
Carlisle	222	72521	64258	02209	705//	04332	82822	86633		222	22418	62031	00008	25600	04124	82640			222	97081	05	pr <sub>o</sub>	pr <sub>o</sub> r <sub>o</sub>			
Valley	302	02326	66010	09109	00900	04235				302	82025	69011	13510	855//	07012	88628			302	01081	06	+	ir <sub>o</sub> d <sub>o</sub> r <sub>o</sub> dr			
Ringway	334	12315	75011	08107	15500	02133	81625			334	02215	75011	13408	00900	03116				334	00071	05	+	+			
Squires Gate	318	32522	70011	07108	38500	06236	81825	83640		318	72518	70021	13009	785//	06209	81825	87649		318	97071	05	+	r <sub>o</sub>			
Ronaldsway	204	02523	65018	04609	00900	03325				204	82215	56581	11009	854//	07120	81710	85717	88650		204	93081	06	+	drir <sub>o</sub>		
Mull of Galloway	131	82425	74022	02008	874//	04343	88715			131	82428	81032	07709	856//	04217	88635			131	91091						
Eskdalemuir	162	72119	61808	00706	784//	03329	84714	85820	85629	162	32117	66018	07205	33500	02122	82821	83632		162	02052	02	pr <sub>o</sub>	pr <sub>o</sub> r			
Prestwick	135	72421	75028	99808	784//	05234	82816	85022	87635	135	72315	70031	06008	705//	05223	82822	84632	86645		135	02061	06	pr <sub>o</sub>	pr <sub>o</sub> ir		
Abbotsinch	140	62324	70808	97108	694//	05230	81915	86638		140	72114	65808	04108	5857//	05125	82822	84628	87362		140	10062	05	prpr <sub>o</sub> pr	pr <sub>o</sub> pr <sub>o</sub> r <sub>o</sub> r <sub>o</sub> rr		
Leuchars	171	12424	69001	94307	12500	04232	81820			171	02317	80018	01806	0090												



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

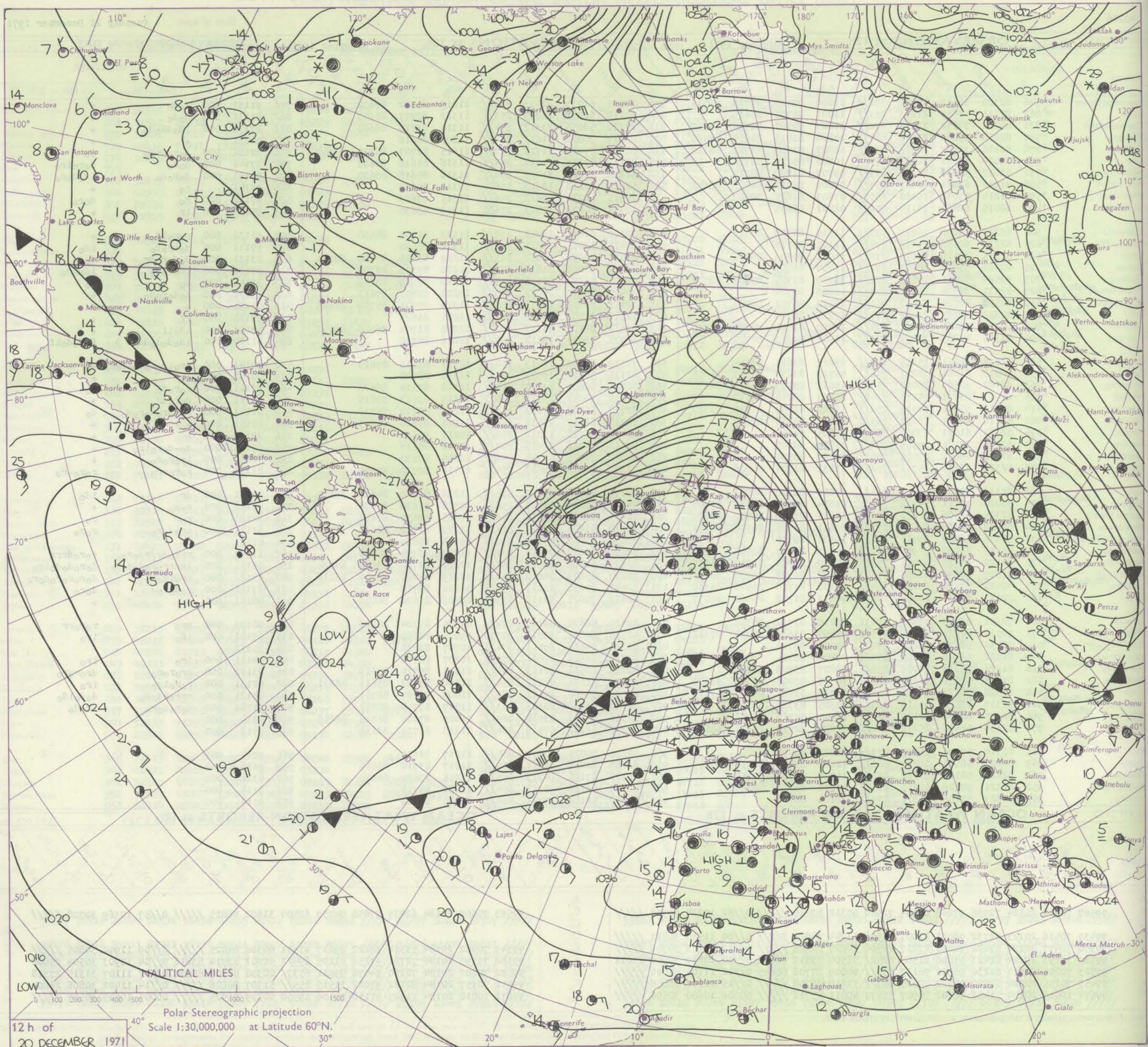
No. 40206

Date of Issue Tuesday 21 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
20 December 1971										20 December 1971														
Station	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> C <sub>L</sub> h <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwwW	PPPTT	N <sub>h</sub> C <sub>L</sub> h <sub>M</sub> C <sub>H</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT T <sub>e</sub>	SSs	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	82320	56515	19912	872//	11000	82705	87708	88711	746	72513	61035	22013	754//	11219	85712	87632		746	91131	000	dodo	+	
Hurn	862	82115	40515	21813	853//	11001	85706	88615		862	82118	60015	23213	853//	11313	82707	88647		862	91131	000	dodo	+	
Thorney Island	871	82222	37512	22112	872//	11804	84705	86706	88710	871	82320	58055	23312	854//	11315	83710	88640		871	97131	000	idoddodo	+	
Manston	797	82318	59032	21512	4847//	10804	81815	84625	88460	797	82317	70022	21613	854//	11208	88616			797	00131		+	+	
Gatwick	776	82116	32592	21611	872//	11807	83705	86707	88712	776	82315	57026	22712	853//	11215	82707	86710	88640	776	02131	000	dorodrdo	do	
Kew	775	82014	56581	20112	874//	10808	85710	88716		775	82110	61216	21614	854//	11316	84618	88635		775	97141	000	doro	doro	
Heathrow	772	81812	50581	20311	873//	09707	83708	88711		772	82212	62506	21213	854//	11316	85618	88630		772	97141	000	doro	idoro	
Honington	586	81912	62021	18611	854//	07000	81712	86621	88650	586	52216	62016	18313	55600	10311	85640			586	97141		ro	+	
Wattisham	590	82214	59032	19410	2557//	07803	81625	88462		590	72515	60216	19612	756//	11315	87633			590	97131	000	ro	doro	
Gorleston	497	62015	62032	18110	656//	08201	86635			497	32416	60016	17513	35600	11213	83630			497	95130	004	ir	+	
Aberporth	502	82227	48106	16213	873//	12310	86708	88712		502	42120	61051	19212	452//	11123	81705	84650		502	92131	000	roroido	+	
Ross-on-Wye	627	82212	60506	17012	874//	12101	88710			627	82414	63025	19814	855//	11323	88620			627	97141	000	doro	ido	
Filton	628	82315	20518	19212	872//	11001	84703	88705		628	82525	40056	21612	863//	11219	83706	85708	88711	628	03131	000	dodoro	dodo	
Rhoose	715	82522	56608	18812	872//	11400	88705			715	82522	38206	21812	872//	11220	83703	88704		715	97131	000	irororo	ido	
Chivenor	707	82520	50026	20513	872//	11309	83705	87707	88712	707	82523	56022	23113	853//	12318	87709	88645		707	97141	000	do	do	
Mount Batten	827	82521	32506	23012	872//	12208	88704			827	72420	48055	25513	753//	12220	83707	87612		827	93131	000	dodoro	+	
St. Mawgan	817	82521	40026	22613	861//	13212	85702	88704		817	82521	50052	24813	852//	11319	84705	85709	88645	817	00131	000	+	+	
Scilly	804	82323	16285	23012	873//	12211	88706			804	12315	32101	25812	15501	11221	81625			804	97131	000	ff	+	
Culdrose	809	82423	08425	22212	870//	12210	83701	84704	88710	809	82616	28104	25112	872//	12218	81704	86706	88712	809	97121	000	idof	+	
Guernsey	894	82323	40205	26012	872//	11004	84703	88704		894	82421	08464	28112	870//	12216	88700			894	01120	000	idododddff	ffdodof	
Elmdon	534	82218	65211	15212	854//	09812	83611	88614		534	72519	63036	17413	754//	10317	83616	87623		534	97141	000	iridoro	+	
Cardington	559	82018	61021	18211	856//	09713	83630	85635	88645	559	82114	58012	19513	855//	11215	88628			559	00141	000	+	+	
Wittering	462	82022	62601	16010	853//	08812	83709	84615	88630	462	82416	62605	17214	854//	11318	83614	88620		462	92141	000	ro	ro	
Watnall	354	81913	23591	14210	6742//	08713	86710	88557		354	72414	56046	15313	754//	11115	83712	87615		354	94141	000	doro	+	
Shawbury	414	82316	50586	14413	852//	11602	82704	83708	86712	414	72712	66026	17113	754//	11223	82712	86718		414	01141	000	rodorodoro	do	
Finningley	360	82116	58041	12611	855//	08810	84625	88640		360	62214	66012	13514	655//	11217	82620	86635		360	00151	000	+	+	
Kilnsea	396	82320	61021	13808	8097//	06805	88460			396	82420	61022	13312	856//	10217	88630			396	00120	000	+	+	
Leeming	257	81715	37586	09309	872//	07820	88705			257	82311	74036	09915	854//	11008	88617			257	97151	000	do	+	
Tynemouth	262	81911	48602	07509	8062//	07820	88530			262	72310	74026	07714	756//	11315	87630			262	02151	000	iroro	+	
Carlisle	222	82318	66616	05712	852//	11831	81704	85706	88635	222	72322	62016	08613	754//	11118	82710	87627		222	01131	000	ro	ro	
Valley	302	82130	40106	12112	861//	12202	86702	88703		302	82130	48026	15112	855//	11218	81620	84630	88640	302	92121	000	dr	ido	
Ringway	334	72020	70211	12212	754//	09814	81710	86616	87645	334	72317	65025	14713	15642	10318	81630	87070		334	97151	000	ro	+	
Squires Gate	318	82325	62606	10611	852//	10615	82705	85707	88620	318	72421	58016	14611	756//	10225	82630	87643		318	92121	000	ro	ro	
Ronaldsway	204	82022	60216	08612	873//	10611	81706	84708	88711	204	82119	56606	12013	854//	11123	81710	88618		204	91131	000	iroro	ro	
Mull of Galloway	131	82038	66022	05511	874//	10506	88710			131	82038	63022	07512	856//	09114	88635			131	01131				
Eskdalemuir	162	82119	23598	04909	872//	09823	85703	88706		162	82023	48615	07911	872//	11222	86705	88708		162	13112	000	rrrdrdrdr	ro	
Prestwick	135	82122	60618	02811	7532//	10630	81708	83712	86616	135	82215	62206	06514	854//	12220	81714	83619	88624	135	05151	000	irrrrorodo	doro	
Abbotsinch	140	81815	30638	01810	6732//	09832	81706	85708	88556	140	82117	45616	04812	853//	12219	82707	85709	88615	1					

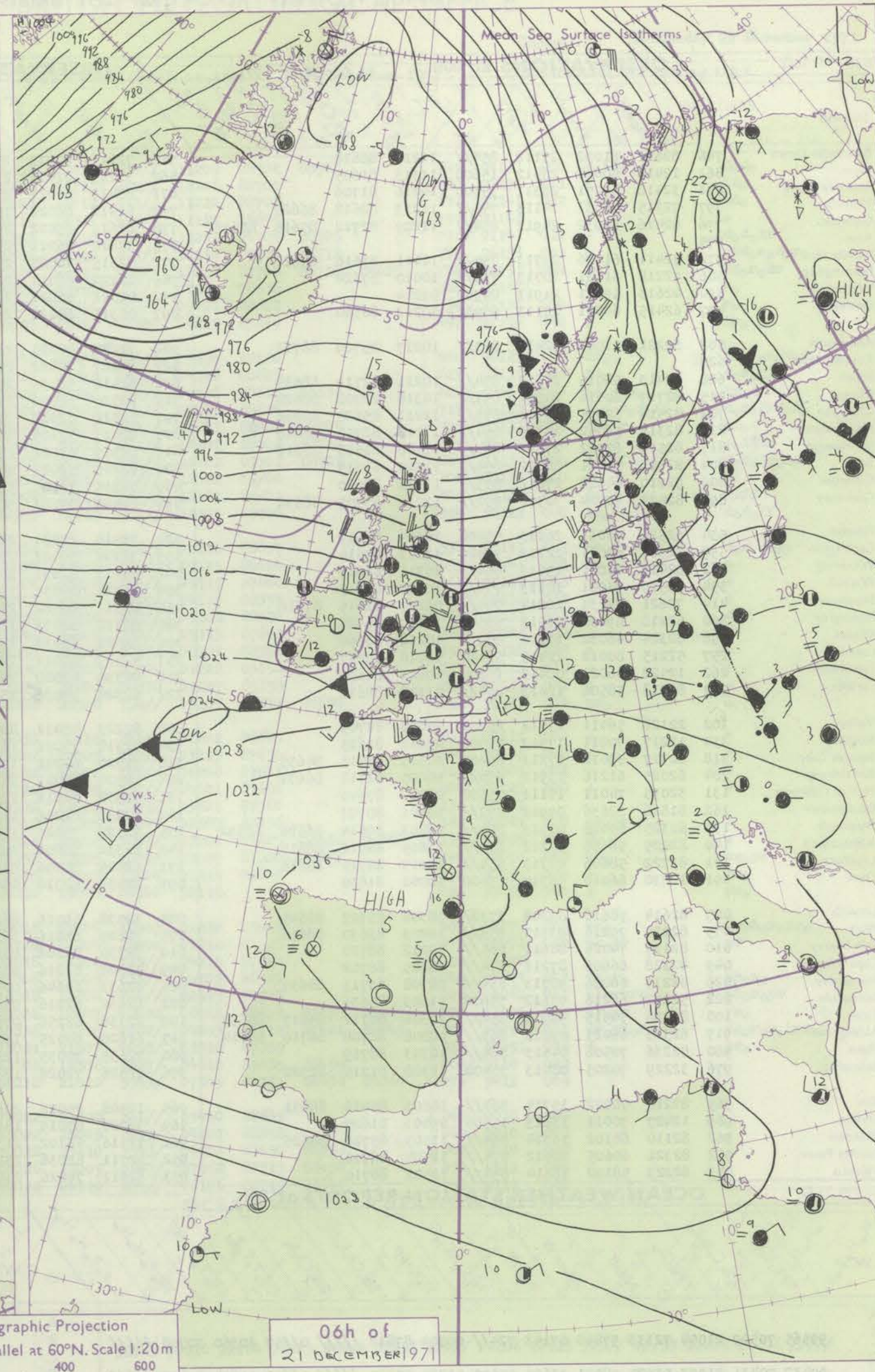
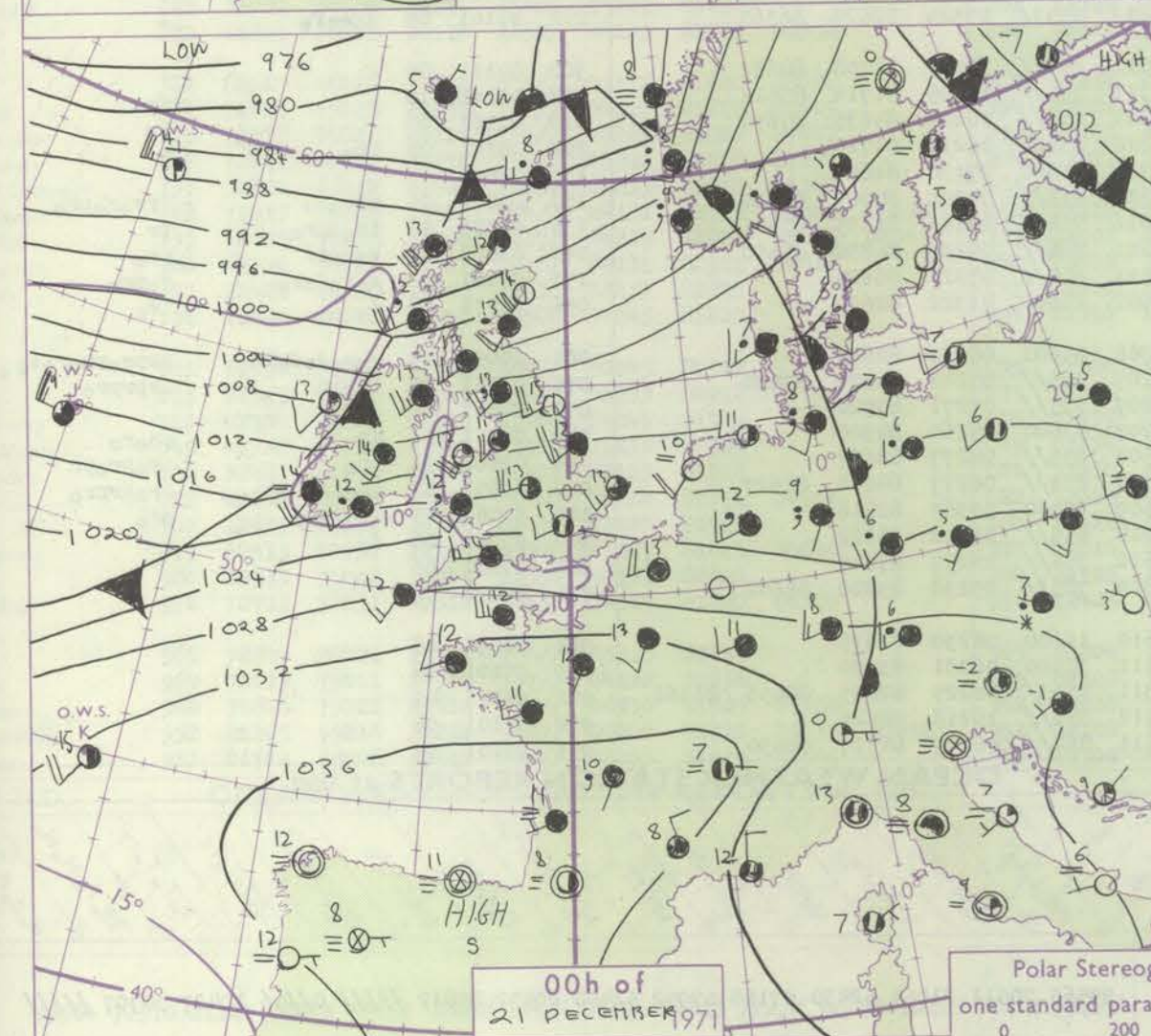
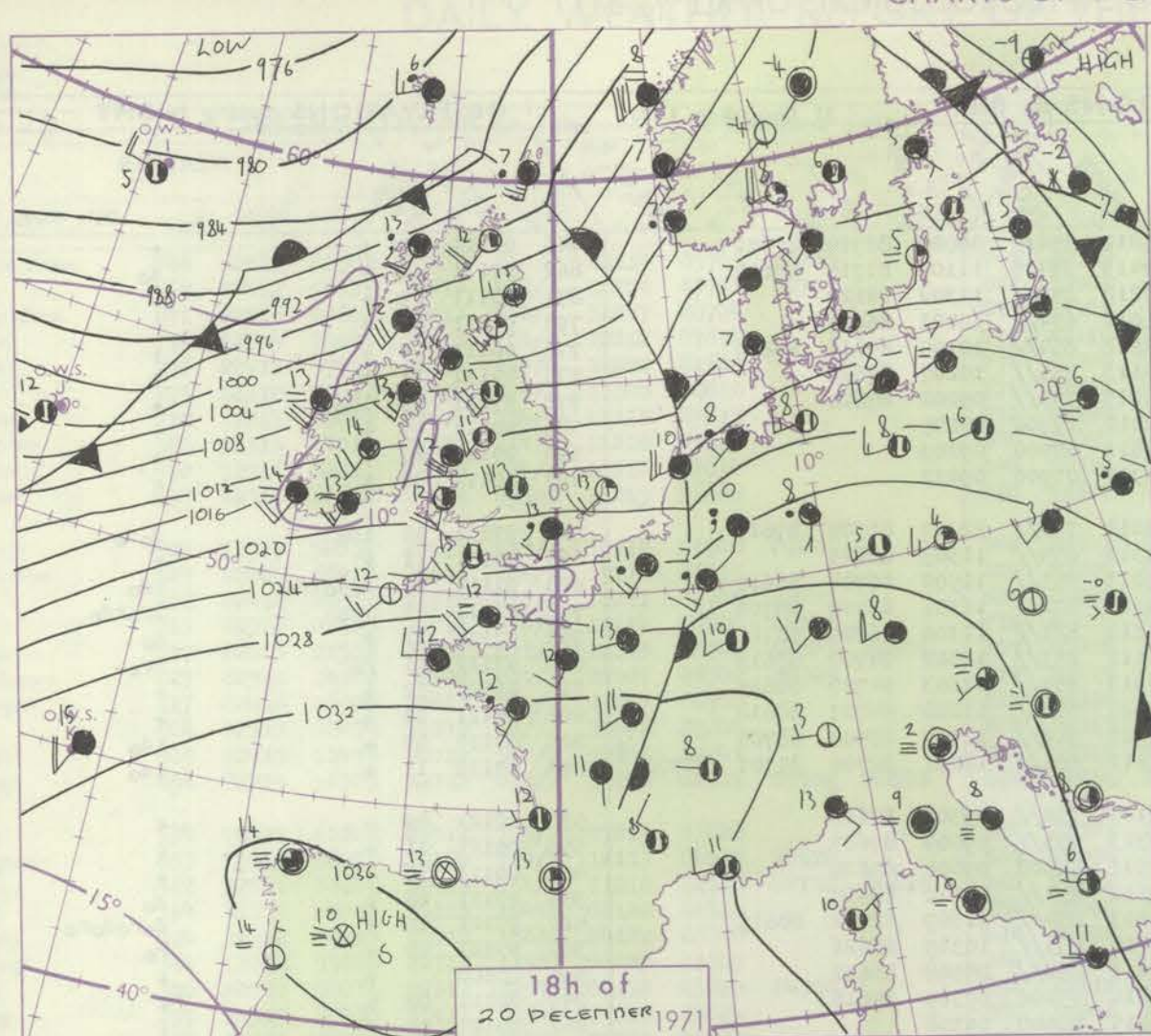


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

A very deep depression remained stationary between Iceland and Greenland throughout yesterday but a trough of low pressure moved rather quickly northeast across Britain during the day. The anticyclone over Iberia remained almost stationary with a ridge of high pressure over France and south Germany. During the next 24 hours a frontal

trough, having crossed northern Britain overnight, will move quickly eastwards over Scandinavia. It is expected to become relatively slow moving over southern England with minor disturbances moving eastwards along its length. Northern Britain will stay in an unstable westerly airstream.

Issued at midday Tuesday 21 December 1971



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

OBSERVATIONS at 00h. 21 December 1971										OBSERVATIONS at 06h. 21 December 1971										OBSERVATIONS during NIGHT					
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			
																						21h.--03h.	03h.--09h.		
Boscombe Down	746	82611	61032	25112	854//	11212	88618			746	72111	62012	25812	754//	09005	82714	87621		746	00111	10	+	+		
Hurn	862	12413	60011	26412	15600	11313	81635			862	32115	62011	27413	35400	11105	81715	83630		862	97111	10	+	do		
Thorney Island	871	32418	59051	26311	35300	10216	81706			871	82415	66021	27212	855//	11302	88624			871	00111	09	+	+		
Manston	797	72215	66031	24113	754//	11213	82618	86625		797	62418	66022	25012	654//	10001	86614			797	97111	08	+	+		
Gatwick	776	82416	61032	24912	854//	11209	82712	85615	88618	776	82613	65022	26512	854//	10105	84616	88620		776	00111	09	+	+		
Kew	775									775	72210	66021	25113	755//	10207	87628			775	00131	11	+	+		
Heathrow	772	72411	61026	23713	754//	11111	83616	87622		772	72315	70022	25013	755//	09202	87620			772	97121	09	1do	+		
Honington	586	72218	61031	20713	755//	10010	87624			586	02220	66011	22012	00900	08205			586	00111	09	+	+			
Wattisham	590	02613	59021	21911	00900	09214				590	02521	66021	22811	00900	09103			590	00111	09	+	+			
Gorleston	497	62415	60031	20113	6093/	09212	86360			497	02315	60020	21312	00900	09212			497	00111	08	+	+			
Aberporth	502	82221	58501	22412	873//	10217	85709	88712		502	72222	48205	23012	753//	12307	81708	87619		502	97111	10	1do	do do		
Ross-on-Wye	627									627	82107	70022	23313	855//	11303	88625			627	00131	11	+	+		
Filton	628	82413	58015	24612	854//	10211	82711	88628		628	82418	58035	25013	853//	11500	86708	88615		628	91111	11	do do 1do	1do		
Rhoose	715	82717	60016	24911	853//	10310	82708	88620		715	82520	56506	24911	872//	11301	83704	88706		715	97111	11	1ro	1ro 1do		
Chivenor	707	82518	62035	25913	855//	11211	85622	88626		707	82519	62022	26213	863//	11306	86709	88711		707	97131	11	+	do		
Mount Batten	827	82311	56052	28313	854//	11212	82710	88628		827	82417	57105	28512	853//	12302	84707	88613		827	97111	11	ro	1ro		
St. Mawgan	817	82519	62022	27313	854//	11106	81615	88619		817	82519	61022	27813	853//	11303	84707	88615		817	00121	12	+	+		
Scilly	804	82313	58021	28012	854//	11305	88615			804	82215	59021	28512	853//	11208	84707	88618		804	00121	11	+	+		
Culdrose	809	82210	64022	27812	855//	11314	88620			809	82315	58105	27912	862//	12302	83703	88705		809	97111	07	+	1do		
Guernsey	894	82523	40024	30312	852//	11217	83705	88630		894	82423	35182	30612	860//	12201	82700	85701	88702	894	97111	11	+	1do		
Elmdon	534	52525	70031	20213	55400	10309	85619			534	72415	80031	22113	754//	09307	87618			534	00121	09	+	+		
Cardington	559	32317	59011	22213	35400	11113	83614			559	72316	59021	23313	755//	09005	87623			559	00121	11	+	+		
Wittering	462	62417	61026	19613	654//	10311	86617			462	42416	62031	20911	45500	09008	84620			462	00111	10	+	+		
Watnall	354	72519	74021	18113	754//	10108	87615			354	82414	69031	19612	854//	09212	88615			354	97111	08	+	do		
Shawbury	414	72621	74031	20214	754//	09223	81615	87618		414	82713	66582	21013	854//	11309	82712	88615		414	97121	10	+	do ro do ro		
Finningley	360	52210	69031	16013	55500	11207	85624			360	82410	82031	18414	855//	10319	88626			360	97121	09	+	ro		
Kilnsea	396	82324	66032	16612	8097/	10218	88360			396	82622	66031	17411	856//	08308	88632			396	00100		+	+		
Leeming	257	52215	80012	12415	55400	10010	85617			257	42529	80011	14214	45400	09309	84618			257	00111	08	+	+		
Tynemouth	262	12522	66021	08415	15600	10803	81630			262	02730	66020	09615	00900	09308			262	00121	09	+	+			
Carlisle	222	82318	58506	12413	854//	11118	88618			222	62324	74035	13813	2557/	07320	82629	86360		222	91101	09	do ro ro	+		
Valley	302	22128	56011	17512	26300	10008	82709			302	82223	48011	20012	853//	11321	82708	88632		302	00111	09	+	+		
Ringway	334	12217	70011	17913	15500	09312	81625			334	72418	75021	18713	754//	10305	81714	87622		334	91111	10	+	ro		
Squires Gate	318	62317	59012	17211	65400	10315	83715	84635		318	72320	60211	19011	756//	10216	84635	87650		318	97101	08	+	ro		
Ronaldsway	204	62025	61216	13913	654//	10005	81712	86631		204	22524	62011	15812	25402	06215	81715			204	00101	08	1ro	+		
Mull of Galloway	131	32035	74011	10111	35600	09004	83640			131	42432	74011	13711	45600	07130	84640			131	00091					
Eskdalemuir	162	81826	32636	09911	872//	10001	88703			162	82133	62056	11310	853//	07306	84709	88630		162	09071	05	rrrro ro	rrrro ro pro		
Prestwick	135	82325	65026	07013	854//	11803	82614	88620	88632	135	72522	75026	11811	756//	05143	81635	87645		135	02081	06	1ro do ro	pr		
Abbotsinch	140	82025	56586	05212	854//	11805	84710	88615		140	82332	68806	09211	886//	05239	84830	88650		140	03081	09	do ro rr	pro		
Leuchars	171	82222	58606	04313	854//	11117	85710	88616		171	62425	70036	05511	655//	07217	86625			171	95081	04	ro ro do ro	ro pro		
Dyce	091	12230	86010	98314	15600	10001	81630			091	22433	82010	00912	25600	01322	82630			091	91071	05	+	1ro		
Lerwick	005	82614	58616	87208	3732/	08304	83707	88545		005	32538	69016	86708	25601	06322	82630			005	10052	03	ro ro do do RR	RR pro pro ro so		
Wick	075																								



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

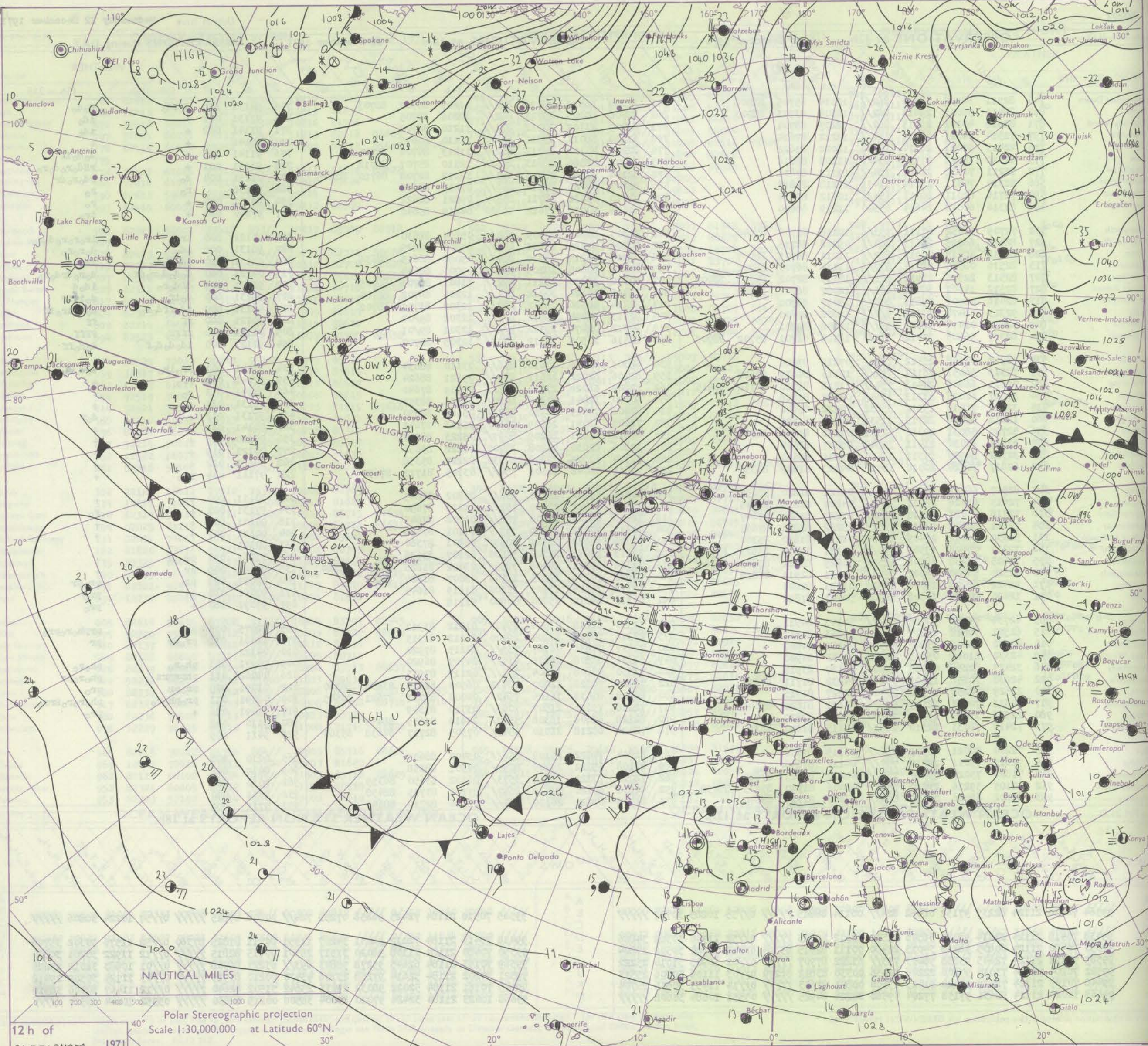
Date of Issue Wednesday 22 December 1971

No. 40207

Code FM II.D		OBSERVATIONS at 12h.								OBSERVATIONS at 18h.								OBSERVATIONS during DAY								
		21 December 1971								21 December 1971								21 December 1971								
Station		ill	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	Nddff	VVwwWW	PPPTT	N <sub>h</sub> L <sub>h</sub> C <sub>M</sub> CH	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	RRT	T <sub>E</sub>	SS	09h.—15h.	15h.—21h.	
Boscombe Down		746	82511	58502	28513	862//	12114	85705	88708		746	82309	56515	29012	871//	11209	86702	88703		746	94131	000		d <sub>o</sub> id <sub>o</sub>		d <sub>o</sub> d <sub>o</sub>
Hurn		862	82411	56035	29613	862//	12108	83703	88705		862	82408	50205	29713	862//	12206	88705			862	97131	001	+			id <sub>o</sub>
Thorney Island		871	82518	40102	29413	862//	12207	88704			871	82409	47102	30012	871//	11210	88702			871	97141	002	+			id <sub>o</sub>
Manston		797	72514	74021	28113	754//	12212	87614			797	62110	58011	29311	656//	11110	86645			797	00141		+			+
Gatwick		776	22415	57051	28314	15530	11002	81622			776	82209	40102	29712	862//	11213	84704	88705		776	91141	012	+			d <sub>o</sub> d <sub>o</sub> if
Kew		775	82310	75022	27514	854//	11108	88616			775	82302	48586	28813	873//	12110	85707	88712		775	96151	001	+			rRd <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>
Heathrow		772	72211	70022	27614	754//	11113	87613			772	82104	57586	28713	853//	12012	82708	86710	88625	772	01151	004	d <sub>o</sub>		Rd <sub>o</sub> r <sub>o</sub> dr	
Honington		586	22315	74011	25214	11431	11218	81815			586	82607	69026	28212	856//	07219	88636			586	97151		r <sub>o</sub>			r <sub>o</sub>
Wattisham		590	72716	62011	26013	754//	10112	87614			590	82710	62032	28711	855//	09221	88622			590	97131	004	+			r <sub>o</sub>
Gorleston		497	62316	60012	24614	65500	11219	86620			497	52605	60016	27612	55600	04219	85640			497	97150	040	+			ir <sub>o</sub>
Aberporth		502	72709	58052	27111	753//	10118	81708	87640		502	82303	66602	27409	856//	05104	88630			502	94121	000	ir <sub>o</sub>			ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>
Ross-on-Wye		627	82410	66025	26613	864//	09218	88715			627	80000	57025	27811	855//	04106	88625			627	96131	006	id <sub>o</sub>			d <sub>o</sub> r <sub>o</sub> r <sub>o</sub>
Filton		628	82412	40515	27912	872//	11011	86705	88707		628	82205	56215	28510	854//	09006	86615	88636		628	92131	000	id <sub>o</sub> d <sub>o</sub> d <sub>o</sub>			ir <sub>o</sub> d
Rhoose		715	82516	08505	28011	870//	11114	86700	88701		715	80000	50605	28209	854//	09003	88614			715	04121	000	d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> off			d <sub>o</sub> r <sub>o</sub> drd <sub>o</sub> r <sub>o</sub>
Chivenor		707	82513	22516	28912	871//	12113	82702	84703	88706	707	80000	32206	28211	872//	11801	86703	88705		707	93131	001	dDd <sub>o</sub> r <sub>o</sub>			id <sub>o</sub> d
Mount Batten		827	82512	14502	30412	861//	12007	86702	88709		827	82415	30106	30212	871//	12205	86702	88704		827	96131	000	d <sub>o</sub> if			d <sub>o</sub> 1fir
St. Mawgan		817	82416	06504	29813	860//	13007	88700			817	82314	40586	29312	870//	12302	83701	88702		817	01131	000	id <sub>o</sub> ff d <sub>o</sub> r <sub>o</sub>			d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub> if
Scilly		804	92313	08474	30312	9////	12008	89/00			804	92313	02454	29612	9////	12302	89/00			804	00121	000	ff			ff
Culdrose		809	92415	02474	30012	9////	12008	89/01			809	92312	02474	29112	9////	12301	89/01			809	01121	000	ffff			ffff
Guernsey		894	82317	56505	32712	870//	12108	82701	85702	88703	894	82516	20505	32212	870//	12305	88700			894	92121	000	id <sub>o</sub> d <sub>o</sub> d <sub>o</sub> f			d <sub>o</sub> d <sub>o</sub> ff
Elmdon		534	72917	61608	25512	755//	07219	87626			534	82303	62036	27610	856//	03110	88634			534	97141	001	pr <sub>o</sub> ir <sub>o</sub>			d <sub>o</sub> id <sub>o</sub>
Cardington		559	72313	56051	26114	754//	12113	84615	87628		559	82206	62022	28611	855//	09121	88624			559	97141	001	pr <sub>o</sub>			+
Wittering		462	72611	66601	24413	754//	11218	82710	84712	85615	462	72802	56026	27910	756//	05119	87640			462	97141	013	r <sub>o</sub>			+
Watnall		354	32517	62025	23313	18449	08122	81818			354	80000	32041	27308	8087/	04115	88357			354	00131	033	+			+
Shawbury		414	32512	78016	25512	35632	04122	83640			414	82406	74025	26910	857//	05102	88650			414	97131	013	+			d <sub>o</sub> r
Finningley		360	12818	59046	22713	11531	08223	81825			360	72605	58041	26509	756//	05113	87641			360	00141	032	+			+
Kilnsea		396	52720	58031	22312	32571	07232	83820	84360		396	82812	61031	26209	8097/	05223	88360			396	00120	025	+			+
Leeming		257	32517	80030	21411	35540	05327	83624			257	32606	82030	25208	35700	01222	83656			257	00121	019	+			+
Tynemouth		262	32722	66030	17311	35600	05221	83630			262	52714	61021	22808	50930	02227	85358			262	00121	022	+			+
Carlisle		222	62817	70028	20010	1853/	04223	81820	86358		222	72611	58048	22508	754//	03105	81717	87650		222	97111	014	pr <sub>o</sub>			+
Valley		302	82517	66021	25711	855//	05122	81620	88650		302	82214	66032	26110	856//	07802	88645			302	00111	000	+			+
Ringway		334	72615	65026	24511	784//	04227	81818	87645		334	72508	62022	27009	757//	03215	87650			334	97131	002	+			r <sub>o</sub>
Squires Gate		318	72718	65021	24110	785//	07227	81820	87647		318	72408	62022	25908	756//	06208	87643			318	00101	001	+			+
Ronalds Way		204	72621	80021	22810	785//	03222	81826	87657		204	72313	70022	24409	757//	04101	87656			204	00121	000	+			+
Mull of Galloway		131	52630	66012	21409	11630	02233	81830	85360		131	72028	74022	22109	7093/	03801	87360			131	00101					
Eskdalemuir		162	72217	70808	19506	794//	04131	82919	83823	85633	162	32113	66018	22305	35600	02107	83636			162	01061	000	pr <sub>o</sub> pr			+
Prestwick		135	72625	75258	18708	4857/	04229	82822	83645	86365	135	72316	67021	20408	3853/	03002	81825	83656	86360	135	01091	009	pr			+
Abbotsinch		140	62324	56808	16907	5543/	04231	82911	84818		140	72608	70258	19205	28503	03007	81820	86070		140	02091	009	pr <sub>o</sub>			pr <sub>o</sub> pr
Leuchars		171	22422	82028	14008	28530	03233	82825			171	12312	74028	17905	15600	01219	81645			171	97091	034	+			pr <sub>o</sub>
Dyce																										



## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
mbols

UD  
Cloud  
Amount  
(oktas)

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

Obscured  
by fog or  
other data.

W  
Weather

ite

and  
hizzle

and snow

shower

and snow  
lower

shower

shower

understorm

WIND

Wind  
speed  
(knots)

Calm

1-2

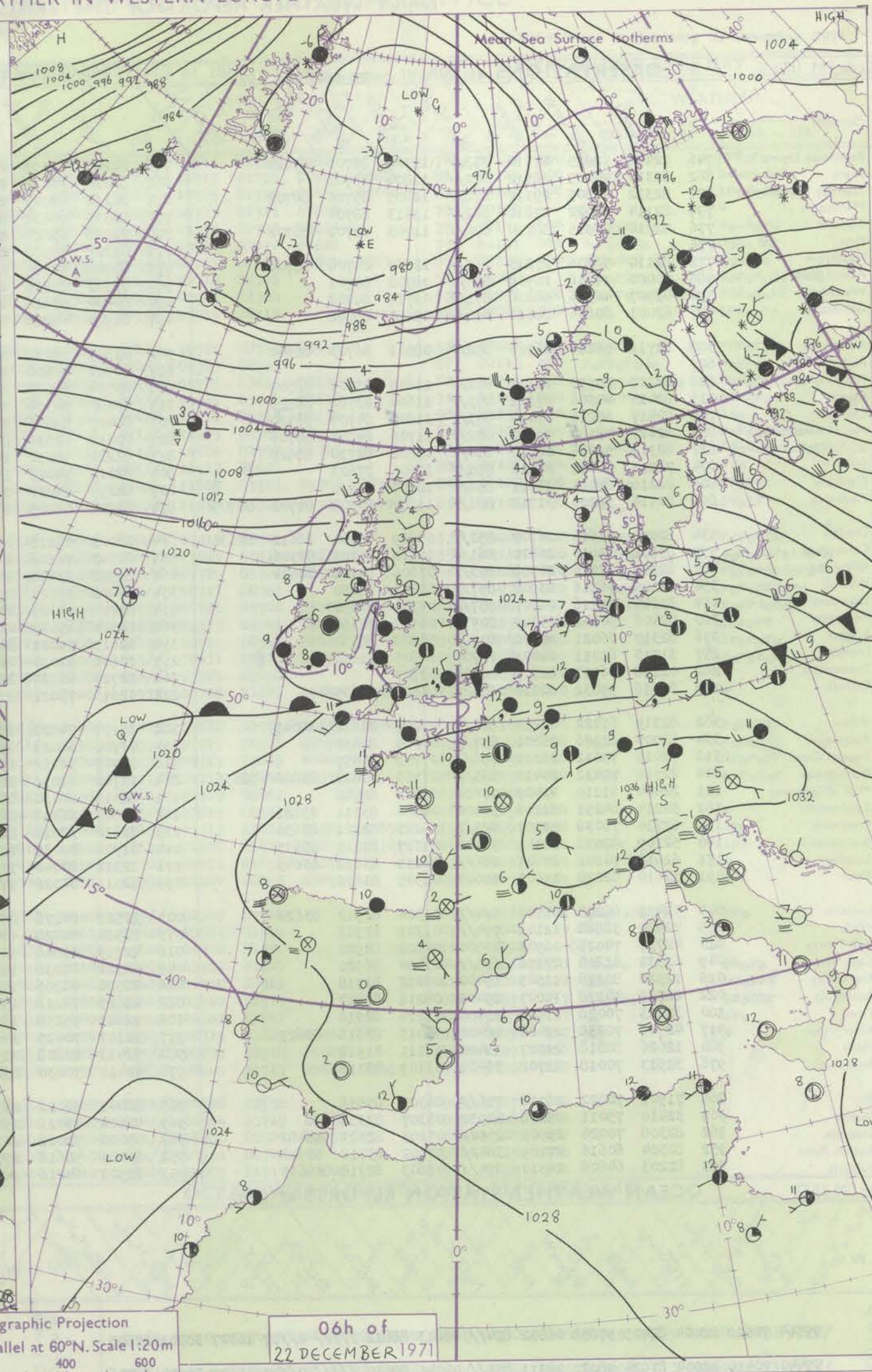
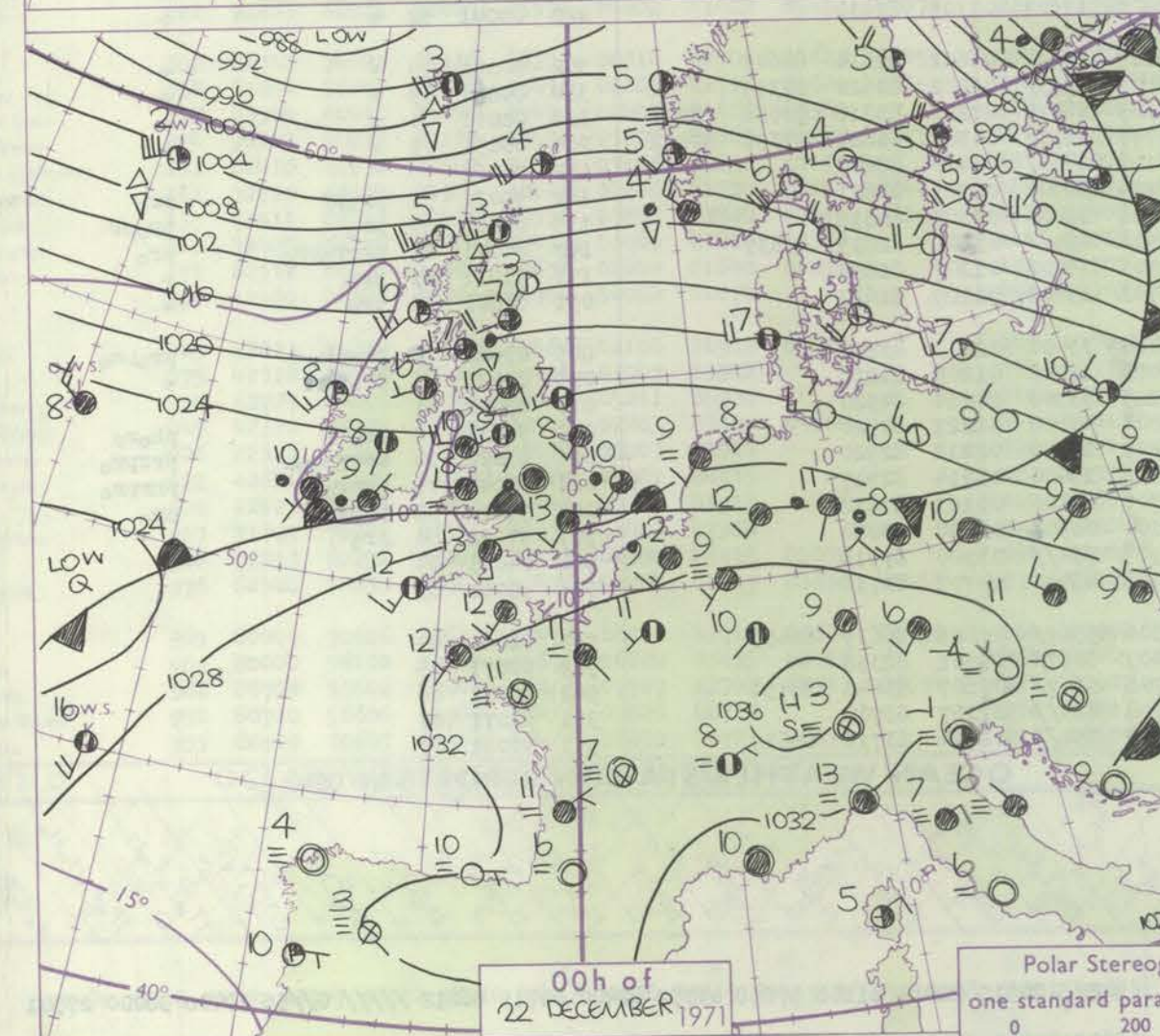
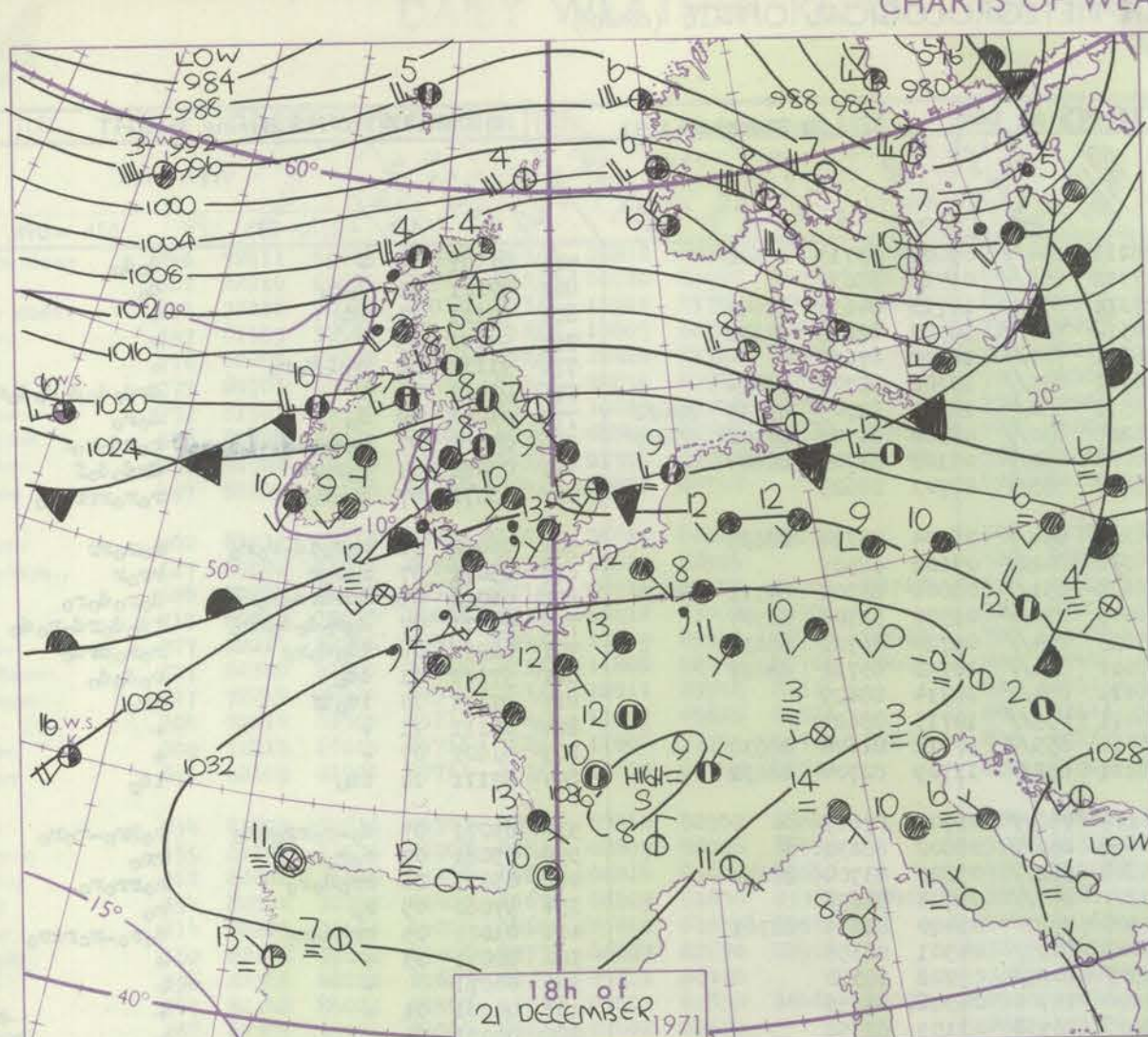
3-7

8-12

13-17

Additional  
ther add

48-52



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The vigorous depression off west Iceland has moved northeast and has begun to fill leaving a residual trough in the Denmark Strait. The cold trough over central districts of the British Isles has moved eastwards into Russia but has remained slow-moving over southern England with some wave development occurring near the

Azores. The anticyclone over northern Spain has transferred east to Germany. During the next 24 hours the Azores depression is expected to move northeast across southern districts of the British Isles while an unstable westerly airflow will be maintained over northern districts.

Issued at midday Wednesday 22 December 1971



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

Code FM II.D	OBSERVATIONS at 00h. 22 December 1971									OBSERVATIONS at 06h. 22 December 1971									OBSERVATIONS during NIGHT				
	Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RR <sub>T</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	72414	62015	27712	753//	11706	86706	87620		746	82208	62032	26211	854//	09805	83713	88622		746	91101	09	+	d <sub>o</sub> d <sub>o</sub>
Hurn	862	82314	40205	28912	872//	11804	88703			862	82210	70012	27312	856//	09710	88636			862	97121	11	d <sub>o</sub> d <sub>o</sub>	d <sub>o</sub>
Thorney Island	871	82312	28505	29112	870//	12805	85700	88702		871	82312	62025	27312	856//	10713	84630	88640		871	97111	11	1d <sub>o</sub>	+
Manston	797	82114	58022	27812	862//	11813	88704			797	72313	66031	26512	754//	10707	82615	87640		797	97101	09	+	+
Gatwick	776	82214	24515	28712	870//	11705	82701	88702		776	72213	65025	26811	757//	10708	87650			776	91111	08	d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	+
Kew	775									775	83307	40582	26711	853//	10302	85706	88624		775	01091	09	+	d <sub>r</sub> d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>
Heathrow	772	82110	56206	27213	863//	12809	84706	88708		772	83508	57582	26511	852//	10501	82705	85715	88622	772	01091	09	d <sub>o</sub>	d <sub>o</sub> r <sub>o</sub>
Honington	586	80000	14616	26909	870//	08708	88701			586	82503	28216	26208	850//	08502	84701	84706	88645	586	04081	07	<del>r<sub>o</sub>r<sub>o</sub>d<sub>o</sub>d<sub>o</sub>r<sub>o</sub>f</del>	r <sub>o</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub> f
Wattisham	590	81907	40586	26810	871//	09714	88702			590	80000	37216	26608	852//	08102	84703	88644		590	03081	07	r <sub>o</sub> r <sub>o</sub> d <sub>r</sub>	d <sub>r</sub> d <sub>o</sub> d <sub>o</sub> f
Gorleston	497	62003	60606	28010	656//	05400	86642			497	81904	48026	25807	855//	07703	88625			497	03072	07	1r <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> r <sub>r</sub> r <sub>o</sub> r <sub>o</sub>
Aberporth	502	82712	58106	26708	852//	08501	86703	88640		502	81507	58616	26207	854//	06704	86710	88635		502	06062	06	r <sub>o</sub> r <sub>o</sub> 1d <sub>o</sub> r <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> r <sub>r</sub>
Ross-on-Wye	627									627	80701	48606	26708	8022//	07602	88505			627	05071	07	r <sub>o</sub> r <sub>o</sub> r	r <sub>r</sub> r <sub>o</sub> r
Filton	628	82310	40595	27112	872//	11604	83703	88707		628	80704	28586	26609	851//	08801	83702	84711	88620	628	06082	08	d <sub>r</sub> d <sub>r</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>
Rhoose	715	82413	40506	27111	873//	11604	83708	88709		715	80000	30506	26409	870//	09502	82701	88704		715	05071	07	d <sub>o</sub> r <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	f <sub>d</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub> d <sub>o</sub>
Chivenor	707	82417	69216	27412	873//	11805	84707	88710		707	80407	59586	25610	854//	09710	86711	88630		707	02091	08	1d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> d <sub>r</sub> d <sub>o</sub>
Mount Batten	827	82415	48105	29612	872//	11706	84704	88706		827	82412	62516	27012	854//	10713	85712	88627		827	97111	11	1d <sub>o</sub>	r <sub>o</sub> d <sub>o</sub>
St. Mawgan	817	82312	58056	28912	854//	11802	82710	88628		817	82210	58052	26411	854//	10714	88619			817	97111	10	1d <sub>o</sub> 1f	1r <sub>o</sub>
Scilly	804	72215	66012	28812	755//	10605	87623			804	82213	74022	26411	855//	10715	88621			804	00111	11	+	+
Culdrose	809	82216	64024	28611	856//	10807	88630			809	82215	64022	26411	855//	10812	81628	88630		809	91101	07	+	+
Guernsey	894	82114	56205	31512	851//	11807	83702	84703	85709	894	82208	56205	29211	852//	11709	82704	88632		894	97111	10	1d <sub>o</sub>	1d <sub>o</sub>
Elmdon	534	80000	35615	26707	852//	07809	85704	86612	88630	534	72003	68216	26107	756//	06705	87645			534	03071	05	d <sub>o</sub> -r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> 1r <sub>o</sub>	r <sub>o</sub> r <sub>o</sub> r <sub>o</sub> -r <sub>o</sub> r <sub>o</sub>
Cardington	559	83102	13616	26810	861//	10610	86701	88706		559	82503	56106	26608	856//	08802	88631			559	05081	07	r <sub>o</sub> r <sub>o</sub> r <sub>r</sub>	r <sub>r</sub> r <sub>o</sub>
Wittering	462	82303	37516	26508	853//	07606	84708	88614		462	81902	23606	25808	852//	07803	83704	88640		462	03071	06	r <sub>r</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> r <sub>r</sub> r <sub>o</sub> r <sub>o</sub>
Watnall	354	82805	56216	25908	857//	05511	88650			354	82402	59021	25807	857//	05703	88656			354	97061	05	r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub> -r <sub>o</sub> r <sub>o</sub> 1r <sub>o</sub>
Shawbury	414	83604	74216	26707	857//	05304	88650			414	82404	69026	26307	2567//	05400	82635	88361		414	01071	05	r <sub>r</sub> r <sub>o</sub> d <sub>o</sub> r <sub>o</sub>	+
Finningley	360	82406	50042	25309	8097//	06507	88358			360	82504	69022	25008	8097//	04501	88358			360	00071	03	+	+
Kilnsea	396	82310	66021	25108	8097//	05608	88360			396	82611	59021	24507	8097//	05708	88360			396	00071		+	+
Leeming	257	31713	61011	24009	35700	04805	83656			257	12606	82030	24208	15700	04306	81656			257	00061	01	+	+
Tynemouth	262	02118	66011	21808	00900	03707				262	22714	81020	23006	20930	03109	82358			262	00051	51	+	+
Carlisle	222	62516	59032	22210	656//	04302	86635			222	12613	75021	23406	15601	03105	81630			222	00041	52	+	+
Valley	302	82319	66022	26210	854//	07207	81612	88645		302	83107	74022	25609	854//	06602	82614	88645		302	00081	05	+	+
Ringway	334	82007	62026	26208	857//	04304	88650			334	71706	68021	25807	2553//	05502	82620	87359		334	00061	05	+	+
Squires Gate	318	72415	75012	25209	758//	07703	87657			318	82907	70032	25309	58477	07203	83818	83638	88270	318	00061	04	+	+
Ronaldsway	204	82516	70032	24410	885//	07303	81823	83828	88656	204	72702	81032	24707	1157//	04301	81820	83358	87462	204	00051	01	+	+
Mull of Galloway	131	22424	81010	22409	25600	06214	82640			131	82315	80030	23107	856//	04400	88640			131	00061			
Eskdalemuir	162	52214	64251	21206	58400	04500	83711	83821		162	32507	66018	23204	32500	02303	83821			162	95021	52	pr <sub>o</sub> pr	pr <sub>o</sub>
Prestwick	135	62714	70038	21207	685//	05221	82821	83630		135	12610	72018	22406	18400	03007	81818			135	02051	03	pr <sub>o</sub>	pr <sub>o</sub> pr
Abbotsinch	140	52109	82038	20105	58400	04327	81815	85635		140	61908	80038	20906	684//	03201	82815	85635		140	04041	01	pr <sub>o</sub> pr <sub>o</sub> ph <sub>o</sub>	pr <sub>o</sub> </



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

Date of Issue      Thursday 23 December 1971

No. 40208

No. 40208

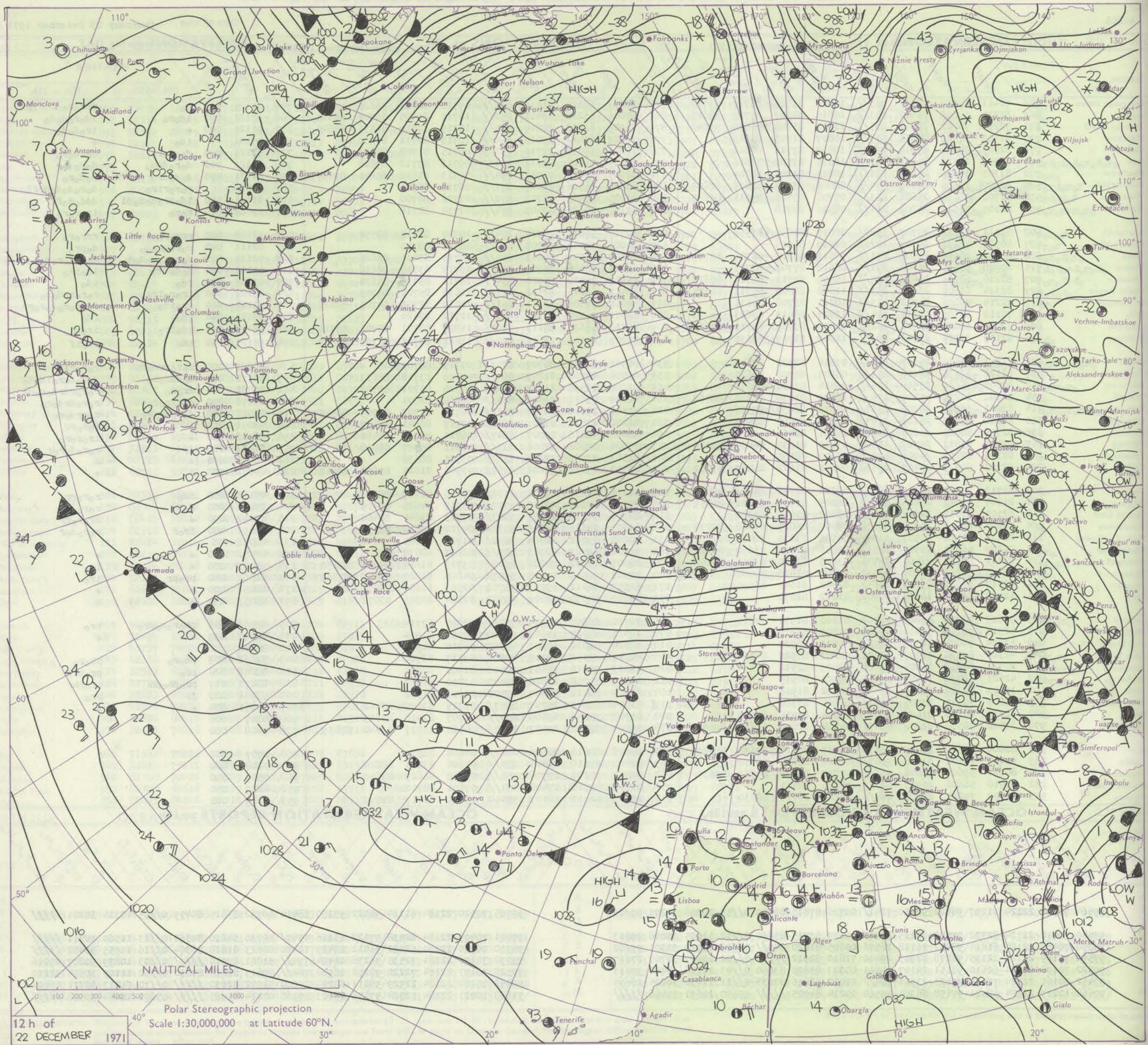
Code FM II.D		OBSERVATIONS at 12h. 22 December 1971										OBSERVATIONS at 18h. 22 December 1971										OBSERVATIONS during DAY				
																						WEATHER				
Station		III	Nddrr	VVwwW	PPPT	N <sub>h</sub> Ch <sub>s</sub> Ch <sub>s</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <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	Nddrr	VVwwW	PPPT	N <sub>h</sub> Ch <sub>s</sub> Ch <sub>s</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	III	RRT X E	SSS	09h.—15h.	15h.—21h.		
Boscombe Down		746	72411	69025	24912	763//	10812	83708	86710	87712	746	82212	66025	21510	853//	09716	82706	88620		746	02121	000	do	rrrrro		
Hurn		862	82210	60605	25912	853//	10810	82707	86709	88625	862	82006	66216	22411	852//	10717	81705	86707	88614	862	97121	000	ldoro	ldorododo		
Thorney Island		871	72212	70022	26012	783//	11811	81708	86630	87640	871	71906	61212	22810	754//	10715	81710	86630	87640	871	91121	000	+	irorododo		
Manston		797	81503	37502	26511	853//	10807	81706	88613		797	72007	66022	23010	754//	10713	81711	87630		797	97121		ldo	+		
Gatwick		776	82209	64202	25912	854//	10810	87712	88616		776	72210	58056	22710	753//	09715	81708	87623		776	97121	000	do-doro	do-doro		
Kew		775	81701	15516	25411	851//	10815	87702	88656		775	72005	59025	22111	754//	09711	83712	87628		775	01121	000	dorododo	doro		
Heathrow		772	81303	15536	25410	871//	10813	85702	88704		772	72007	62015	21911	754//	09713	81618	85640	87657	772	01121	000	dododrd	rodoro		
Honington		586	80000	16636	26108	850//	08806	83700	85630	88650	586	80808	26506	22007	871//	06718	88701			586	03081		rororiro	dorodododrrff		
Wattisham		590	81702	56506	26608	853//	07708	85706	85616	88640	590	81305	05465	22207	870//	07721	88700			590	01091	000	ldoirorododdd	dddodoff		
Gorleston		497	82105	40616	26208	864//	08816	88718			497	81105	40626	23407	864//	07714	88718			497	03082	000	roro	irororo		
Aberporth		502	81111	62616	23707	1562/	06819	81630	88556		502	81717	56616	17910	2742/	10720	82710	88550		502	12102	000	rrrrro	rrrrro		
Ross-on-Wye		627	80502	48616	24707	8022/	07819	88505			627	80000	24056	19708	862//	08723	88703			627	02111	000	rorrrorodo	dopro		
Filton		628	80204	20516	25508	871//	07811	83702	86706	88712	628	82007	40055	20811	854//	09715	83615	88628		628	02111	000	dorodorododo	ddododorodoro		
Rhose		715	80708	30515	25008	871//	08812	87702	88705		715	82003	58506	20709	854//	09715	83710	88618		715	01101	000	dododro	ldoro		
Chivenor		707	82210	62206	24412	854//	10809	85711	86714	88623	707	81907	70022	20911	854//	10711	85715	88630		707	01131	000	rdo	ldo		
Mount Batten		827	82314	61205	26011	853//	11808	82708	85712	88625	827	82411	58216	22411	871//	11613	85702	88705		827	03121	000	iroroirro	rororrrdoro		
St. Mawgan		817	72214	78026	24912	753//	10811	83708	87635		817	82010	56505	21711	851//	10610	82702	84705	88628	817	02121	000	iraido	ldodorodororr		
Silly		804	72110	63505	25211	754//	11807	85618	87623		804	82011	74025	21311	855//	11712	88620			804	97121	000	ldo	ldo		
Culdrose		809	72210	66025	25711	752//	11806	83705	85710	87622	809	82210	56636	22111	870//	11809	83701	85706	88710	809	07122	000	ldairo	irorr		
Guernsey		894	82109	81025	27711	853//	11809	81709	88630		894	81909	28505	23611	870//	11612	83700	85701	87702	894	97121	000	ldo	ldoif		
Elmdon		534	81803	50616	25507	881//	07814	82702	88640		534	80901	16616	20707	860//	07719	88701			534	04081	000	rorrrrroro	rororfff		
Cardington		559	81102	32536	26008	853//	08807	86708	88630		559	81804	48206	21209	854//	09619	83712	88633		559	02111	000	doddroro	dorodoroldodo		
Wittering		462	82602	35616	25508	856//	06814	83630	88650		462	81006	13596	21107	870//	07720	85701	88702		462	05081	000	rroro	rororrrdorodf		
Watnall		354	82602	32215	25407	1567/	06809	81630	83360	88462	354	80806	03616	21506	870//	06715	88701			354	05072	000	dorrororo	rorordrdoro		
Shawbury		414	82205	66606	25208	2562/	05810	82630	88556		414	81106	28616	20307	5712/	06720	83702	85705	88545	414	05081	000	dorrroro	rorrrdoro		
Finningley		360	82102	35042	25108	2577/	06807	82650	88458		360	81202	13616	21707	6567/	07717	86641	88459		360	03091	000	+	rororr		
Kilnsea		396	82306	48022	25607	8097/	05801	88460			396	80000	48616	23007	6647/	06711	86715	88460		396	02082	000	+	irororo		
Leeming		257	82102	85021	24507	15617	03803	81630	86460	88270	257	80000	12602	22006	855//	05611	85627	88650		257	01071	000	jp	rorodoror		
Tynemouth		262	82305	32051	24006	856//	02802	88630			262	82507	32052	22206	856//	03705	88630			262	00071	000	+	+		
Carlisle		222	72203	62021	23407	25572	04808	81622	85463	87072	222	81503	61022	21206	6557/	03706	81625	85650	88462	222	00071	002	+	+		
Valley		302	81712	74022	24110	6837/	08814	82706	84623	88459	302	80210	61636	20008	6532/	07618	82707	86624	88545	302	05102	000	iro	rororr		
Ringway		334	81804	56042	25108	5547/	06805	81714	85620	88359	334	80605	40616	21107	4557/	05717	84625	88459		334	02081	000	ro	roro		
Squires Gate		318	82504	60012	24608	2547/	08807	81615	88360		318	81304	34616	21207	3567/	07713	83645	88460		318	05092	000	+	rrrororr		
Ronaldsway		204	70000	80012	24308	28578	05807	82825	84468	87273	204	81503	70616	21206	3572/	04712	83650	88558		204	02091	000	iror	rorodor		
Mull of Galloway		131	82410	81032	23507	3167/	03506	83835	88460		131	80000	83022	20306	8092/	01717	88460			131	00081					
Eskdalemuir		162	72209	66031	22904	38512	02806	81820	83650	86464	162	81902	62022	20303	856//	02817	88636			162	00051	000	+	+		
Prestwick		135	72411	81031	22407	38576	03803	83820	83360	86362	135	82407	70022	20006	6547/	03713	81616	84624	85650	135	97081	000	+	iro		
Abbotsinch		140	72408	68258	21604	28432	03000	81816	87362		140	72303	70018	19505	5857/	04608	81820	85645	87362	140	01061	000	propr	iro		
Leuchars		171	62512	66031	20804	15632	02802	81640	86075		171	62507	64012	19103	15702	02503	81656	86075		171	00051	000	+	+		
Dyce		091	12410	86020	18903	00902	51002	81070			091	42103	84030	18301	20932	52104	82365	83070		091	00053	034	+	+		
Lerwick		005	72623	78258	09605	69462	01108	81912	84815		005	72720	66808	09904	794//	02305	87914			005	02061	006	phoro	pro		
Wick		075	42318	70150	15403	49400	01007	83912			075	12411	84020	14603	19400	00501	81914			075	00041	039	+	+		
Sule Skerry		010	62724	74808	12305	635//	05211	86920			010	42724	81838	10807	49500	06710	84920			010	06122					
Cape Wrath		049	42320	83038	12705	33570	02203	83920	84360		049	42317	82158	12105	33501	03717	83920			049	91061	003	phoro	phoro		
Stornoway		026	22321	80258	15004	29400	02003	82916			026	22413	70018	14403	29400	01400	82915			026	02042	024	pro	proprs		
Benbecula		022	42621	69278	16507	49460	04001	84915			022	22319	74258	15806	29400	03400	82917			022	04071	017	prophoph	prophr		
Tiree		100	12621	82018	18807	13442	00802	81918			100	12609	80018	18204	19402	01301	81912			100	97081	023	jp	pro		
Aldergrove		917	71805	70021	23505	7093/	03804	87360			917	71504	63042	20205	3557/	03715	83625	87462		917	00051	000	+	+		
Malin		980	72213	80258	21606	33432	04804	83918	85070		980	61908	75256	19605	634//	04707	82918	85645		980	0107	000				
Belmullet		976	82508	78038	22808	4347/	04704	82819	83638	87459	976	73504	78216	20507	4847/	04500	81717	83640	87459	976	9108	000				
Birr		965	80000	70606	23607	5647/	06713	83715	83636	88459	965	80905	60616	20605	8062/	04606	88530			965	0707	000				
Dublin		969	80000	58102	23008	3567/	06820	83635	88458		969	80405	65616	20805	854//	04604	83715	88624		969	0308	000				
Shannon		962	80704	59606	22808	863//	07717	82708	84713	86630	962	70807	75206	19706	755//	05709	86625	87650		962	0508	000				
Roches Point		952	80910	56606	21908	874//	07826	88711			952	83413	40615	17408	871//	07501	88702			952	0809	000				
Valentia		953	80909	70605	21408	864//	06820	86715	88630		953	30607	62016	18107	35400	05805	81717	83640		953	01					

OCEAN WEATHER STATION REPORTS at 12h.															OCEAN WEATHER STATION REPORTS at 18h.														
Code FM 21.D																													
O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwVV	PPPTT	NhChChCH	DsYsapp	8NsChshs	8NsChshs	OTsTsTdD	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw	O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwVV	PPPTT	NhChChCH	DsYsapp	8NsChshs	8NsChshs	OTsTsTdD	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw
A	99564	70508	22124	81207	98022	98950	7241/	00726	87815	88459	0//55	10308	30201	99/03	A	99565	70510	22184	61114	98022	93150	68410	00732	83815	84459	0//55	10314	30201	////
B															B														
C															C														
D	99440	70410	22124	82332	97022	20115	3747/	00609	83715	85360	0//12	11605	30808	19813	D	99441	70409	22184	82038	97022	15116	4547/	00730	84610	84360	0//13	11560	30711	////
E	99350	70480	22124	61814	98032	26118	28576	00805	81820	840//	0//15	11919	30301	99/02	E	99350	70480	22184	62021	98012	22419	11470	00623	81818	86364	0//16	11955	30402	////
I	99592	70199	22124	22335	98278	02903	29400	71810	82912	////	0//02	10877	30707	27217	I	99592	70196	22184	72535	96278	01404	794//	51801	87910	////	0//03	10879	30807	27016
J	99522	70198	22124	62610	98151	24107	54501	00003	83828	83640	0//03	11106	30402	30513	J	99522	70197	22184	72220	97252	20908	784//	00813	82818	87630	0//52	11105	30504	31210
K	99452	70160	22124	72623	97025	23914	784//	00002	82816	87633	0//11	11432	30805	16605	K	99452	70160	22184	22929	98011	22214	25600	51502	82630	////	0//10	11417	30711	16604
M	99668	10019	22124	52421	97158	86304	49560	00214	84925	////	05650	10691	30406	////	M	99668	10021	22184	62524	97878	89403	59560	00214	85925	////	05651	10644	30508	////

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

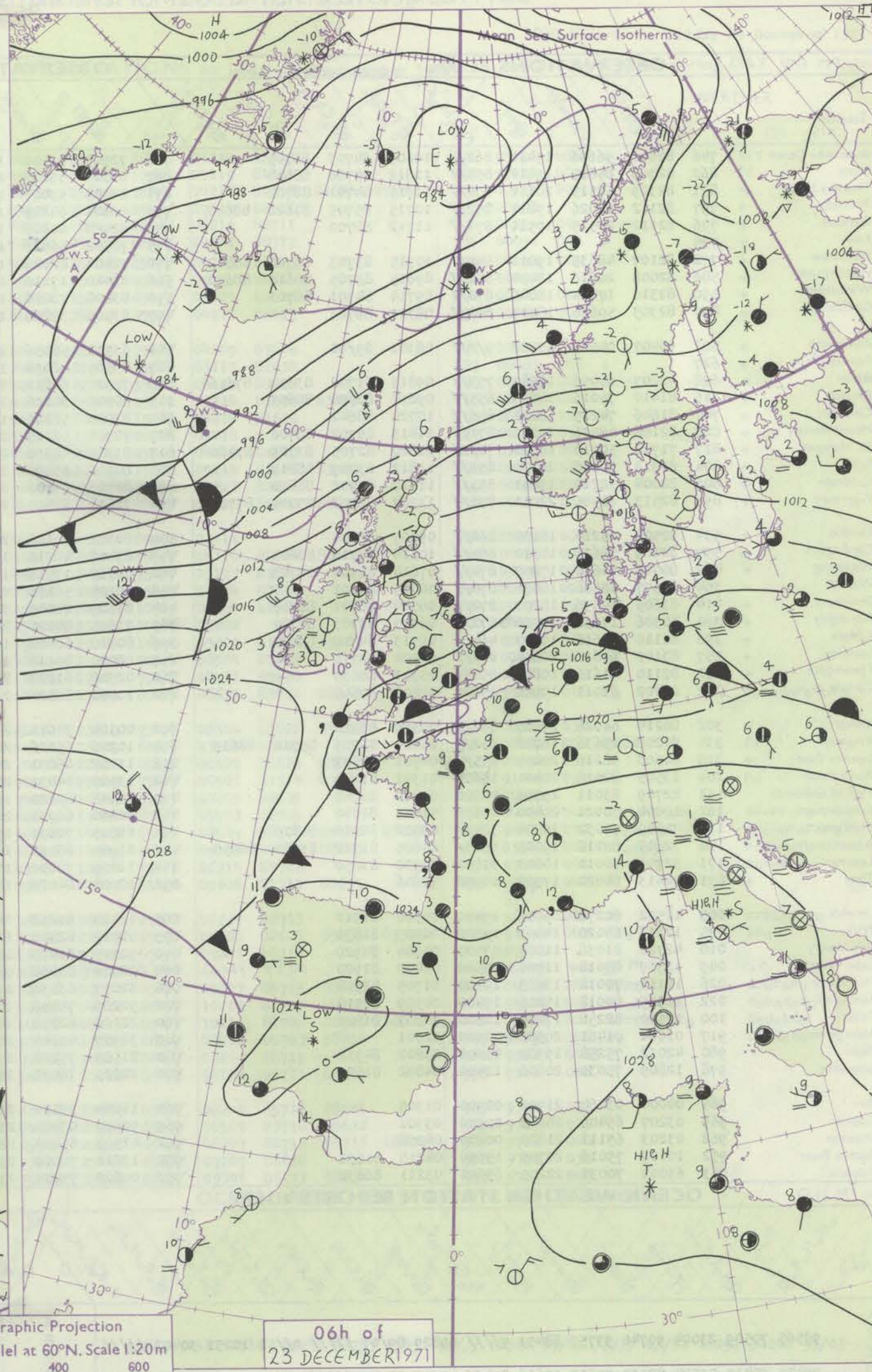
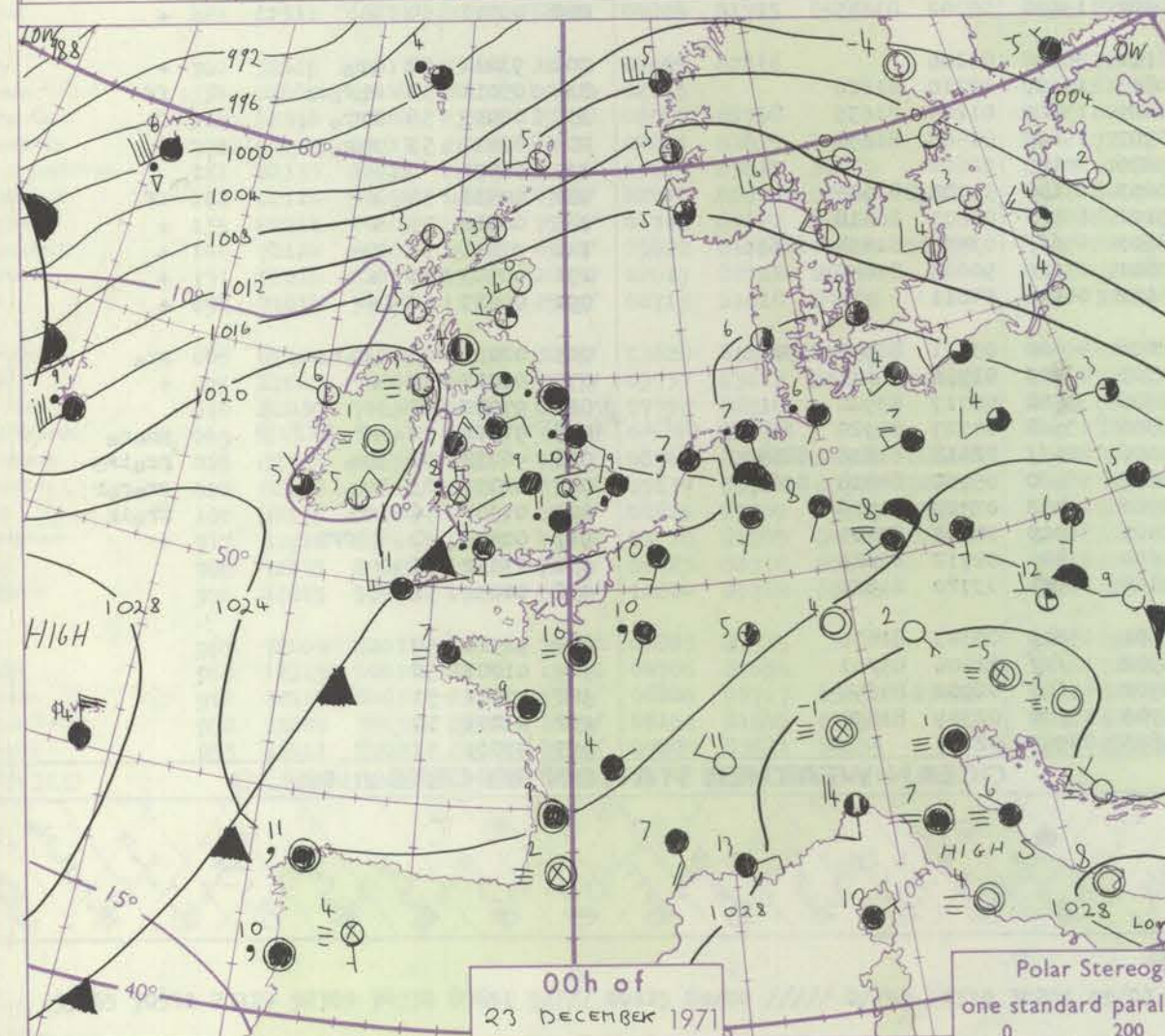
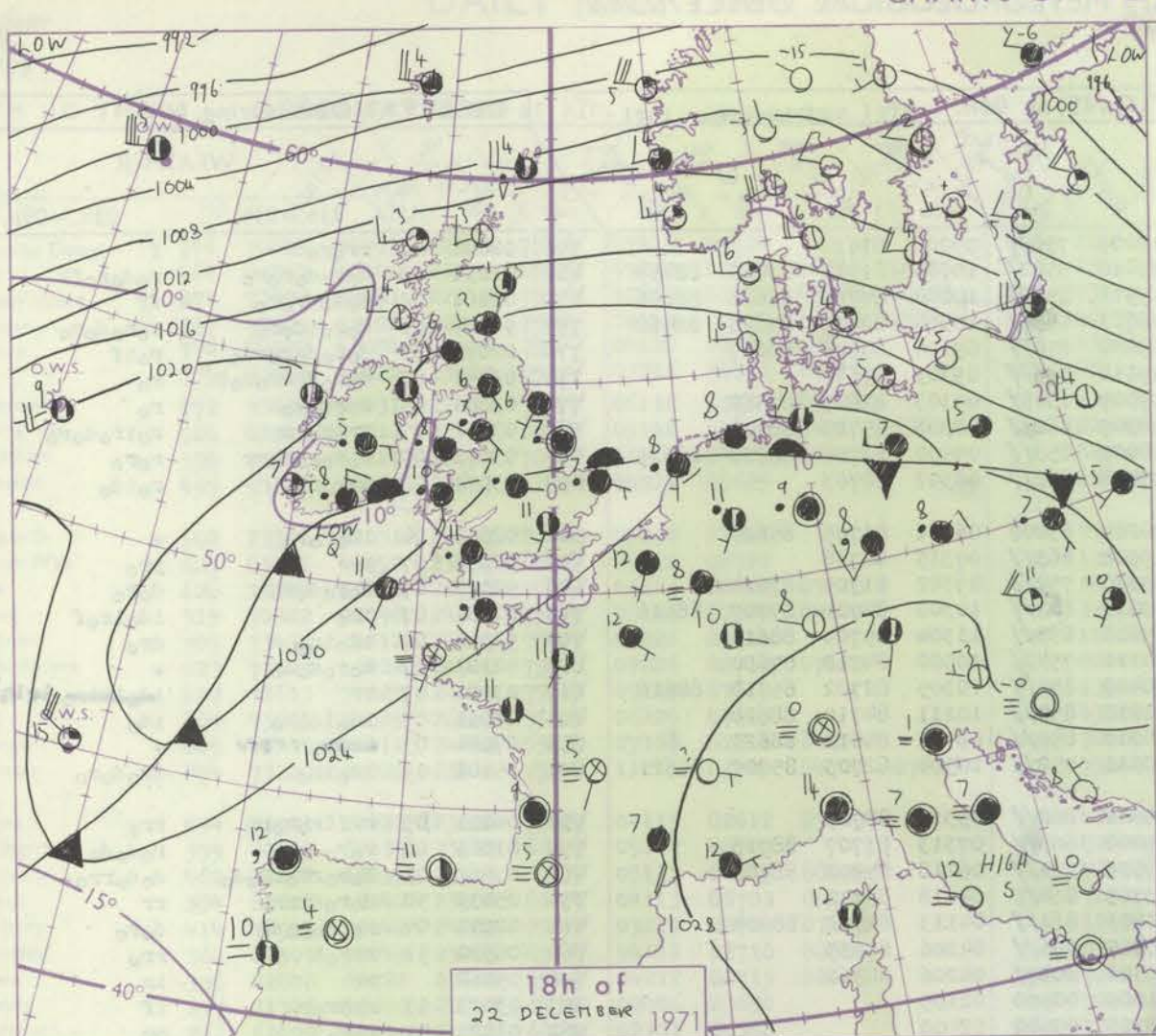


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

A large complex depression remained slow moving in the vicinity of Iceland while a shallow low moved northeast from the Southwest Approaches across southern districts of England. Pressure remained high in a belt from west of the Azores to northern

Italy. During the next 24 hours a deepening low south of Iceland is expected to move quickly eastnortheast to the north of Scotland with associated frontal troughs crossing most districts of Britain, although weak in the south.

Issued at midday Thursday 23 December 1971



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



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

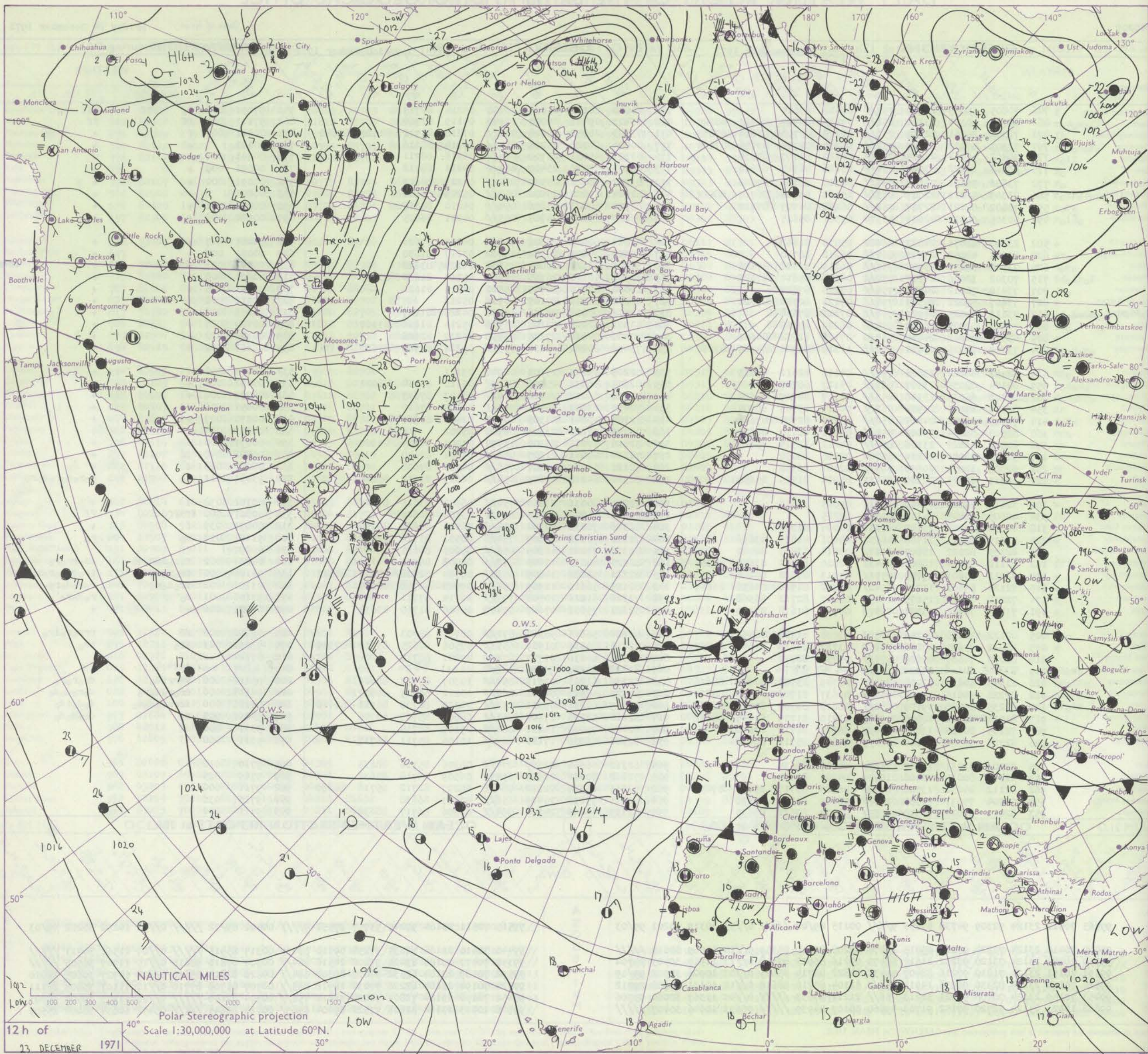
No. 40209

Date of Issue Friday 24 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
23 December 1971										23 December 1971																			
Code FM 11.D										Code FM 11.D										Code FM 11.D									
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub>	T <sub>d</sub> app	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	8N <sub>h</sub> Ch <sub>h</sub> s	iii	RRT x x E	SSS	WEATHER							
																						09h.—15h.	15h.—21h.						
Boscombe Down	746	70805	58055	22909	755//	07118	87624			746	20000	28101	25806	26400	05214	82713			746	97091	006	do	Pff	Eff					
Hurn	862	80201	40104	23110	852//	09215	83704	86712	88625	862	13403	09461	26005	10940	05119	81360			862	97111	000	ff		ff					
Thorney Island	871	72302	28281	22910	753//	10218	83708	83614	87635	871	73503	28052	25608	754//	07218	81712	84620	87640	871	00111	000	f		+					
Manston	797	72905	57102	22209	752//	08219	82705	83708		797	80000	64022	25208	854//	07214	88616			797	00401		+		+					
Gatwick	776	70402	56054	22809	753//	08120	81707	87634		776	83303	45051	25708	864//	06216	88711			776	00101	004	+		+					
Kew	775	83503	61022	23009	854//	07216	86710	88626		775	83105	59022	25407	864//	04211	88712			775	00091	000	+		+					
Heathrow	772	73606	59031	22809	754//	06118	83710	87628		772	83207	58022	25507	854//	04213	88613			772	00091	000	+		+					
Honington	586	83303	59012	22607	853//	05118	83708	86710	88617	586	82504	59022	25006	854//	05209	88614			586	00071		+		+					
Wattisham	590	70602	62021	22707	762//	06222	84705	87710		590	82904	60022	25206	854//	05210	88616			590	00101	001	+		+					
Gorleston	497	50305	60012	22607	55500	05321	85625			497	80000	60022	24707	855//	04211	88625			497	00080	005	+		+					
Aberporth	502	23301	62031	24807	28400	05018	81812			502	71804	80021	25606	755//	04209	87628			502	00081	047	+		+					
Ross-on-Wye	627	81001	48052	23407	864//	06212	88710			627	12002	24051	25704	15600	03117	81630			627	00081	006	+		+					
Filton	628	73504	56052	23908	754//	06119	82710	87628		628	30000	22111	26005	35500	04114	83620			628	00081	001	+		+					
Rhoose	715	70302	32046	24107	754//	06126	85614	87622		715	32902	50111	26305	15501	05214	81620	83075		715	00091	000	+		+					
Chivenor	707	73410	70012	24409	754//	07226	87614			707	10000	62041	26705	15500	04214	81620			707	00091	025	+		+					
Mount Batten	827	73607	59022	24509	754//	07226	82710	87620		827	00202	58041	27107	00900	05218			827	00111	018	+		+						
St. Mawgan	817	73613	74025	24909	754//	07120	87614			817	13506	80011	27306	15400	04215	81617			817	00091	007	+		+					
Scilly	804	73605	82025	26109	754//	06220	87615			804	43302	82011	28108	15530	05214	81626	83360		804	00100	027	+		+					
Culdrose	809	63510	70012	24409	55430	07121	82618	84620		809	30000	74011	27206	25550	04217	82626			809	00100	022	+		+					
Guernsey	894	73209	80026	23411	752//	11215	82704	84706	87630	894	73406	80022	25810	753//	09216	81708	87620		894	00121	002	+		+					
Elmdon	534	72901	60022	23606	754//	04115	82612	87615		534	02205	45041	25103	00900	03111			534	00071	000	+		+						
Cardington	559	80104	62035	23507	863//	05117	88707			559	82604	56032	25606	854//	05110	85714	88620		559	00091	001	+		+					
Wittering	462	83402	66035	23306	853//	05117	84707	88614		462	72406	66012	24906	754//	03107	87613			462	00071	000	+		+					
Watnall	354	82202	17042	23904	862//	04113	83703	88704		354	72410	23051	24305	754//	03204	87610			354	00051	006	+		+					
Shawbury	414	72905	23042	24205	752//	03217	82704	87616		414	12105	40041	24305	10940	02400	81360			414	00071	007	+		+					
Finningley	360	82507	58044	23405	854//	04111	82710	88625		360	02006	37101	23303	00900	03202			360	00051	004	f		+						
Kilnsea	396	82808	61022	23106	854//	04212	82715	88625		396	32416	57011	23105	15570	03001	81625	83360		396	00071	000	+		+					
Leeming	257	31703	56040	22204	35700	02006	83650			257	72214	40041	21107	756//	03504	87640			257	00081	047	ff		+					
Tynemouth	262	62009	12051	20605	6093/	02101	86358			262	72120	61021	17807	756//	04711	87630			262	00081	023	+		+					
Carlisle	222	62311	66021	20107	58431	04804	81715	85650		222	82320	64216	17609	854//	06615	83712	88618		222	93091	011	ro		ro					
Valley	302	32415	80011	23409	21431	04005	82816			302	72221	80031	23010	754//	06304	83616	87626		302	00101	038	+		+					
Ringway	334	02005	01444	24102	00900	02215				334	61810	40044	23605	655//	03500	86620			334	00061	000	ff	ff	ff					
Squires Gate	318	42310	30044	23107	25332	06007	81708			318	82316	70031	22308	855//	06500	86624	88650		318	00091	039	f		+					
Ronaldsway	204	52215	89011	21708	48531	04001	81825	83656		204	72218	70026	20309	754//	08501	81714	87616		204	91101	017	ro		ro					
Mull of Galloway	131	82335	82022	18607	3167/	03614	83835	88460		131	82336	74022	16609	856//	08605	88635			131	00091									
Eskdalemuir	162	62118	59054	18804	4543/	02810	82710	83640	85361	162	82020	48635	17206	872//	05503	88705			162	04081	002	f	ro	ro					
Prestwick	135																												

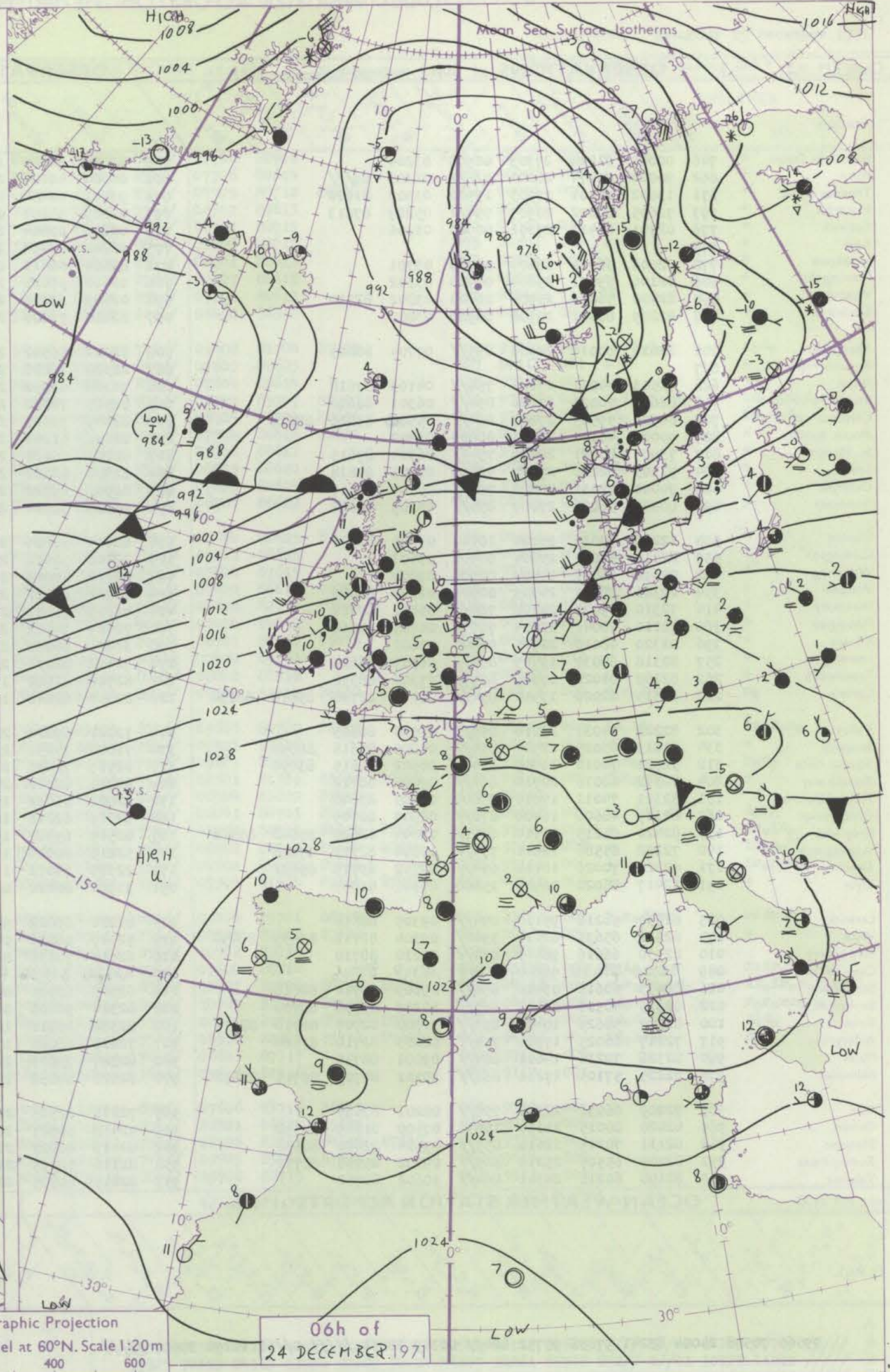
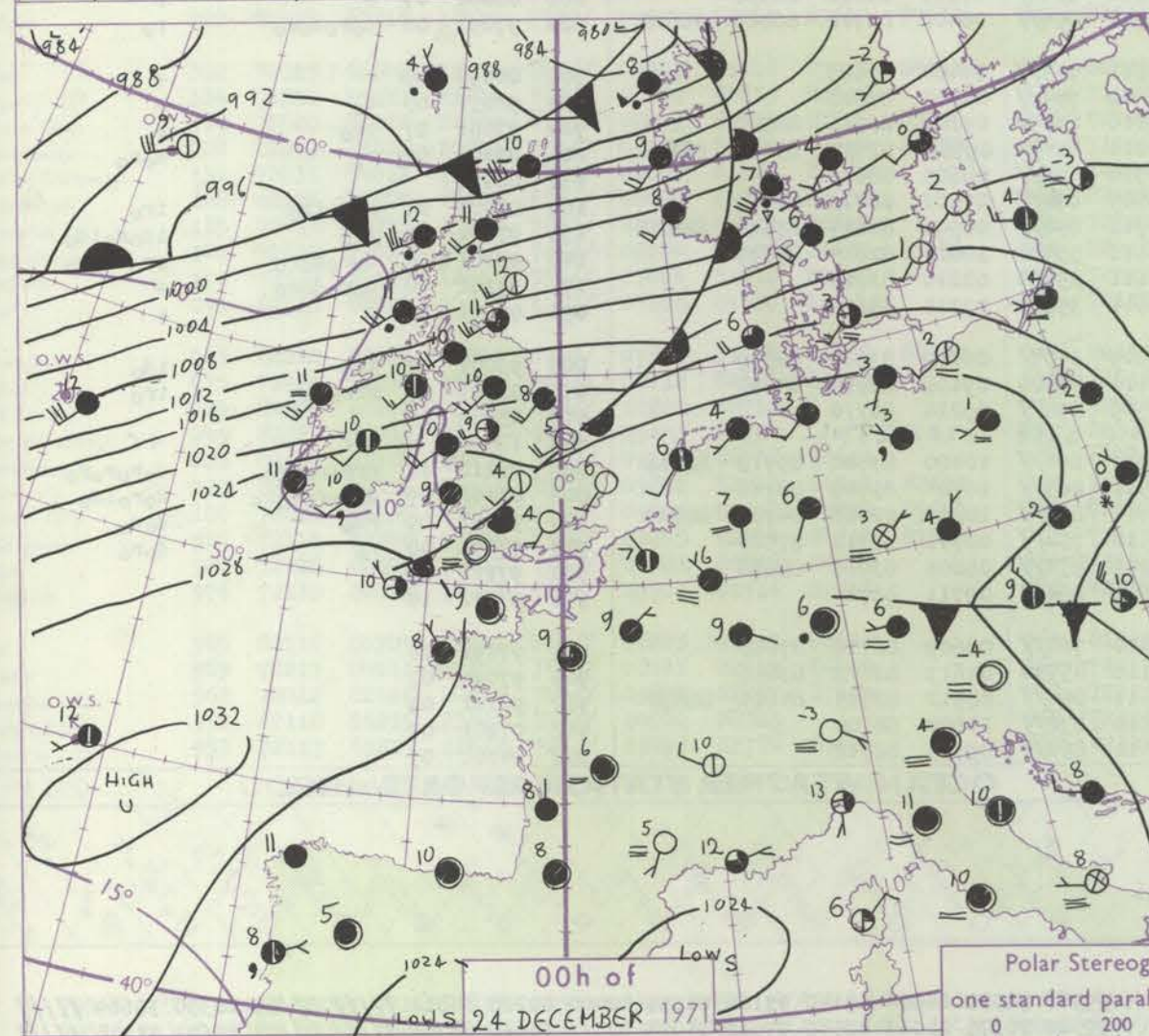
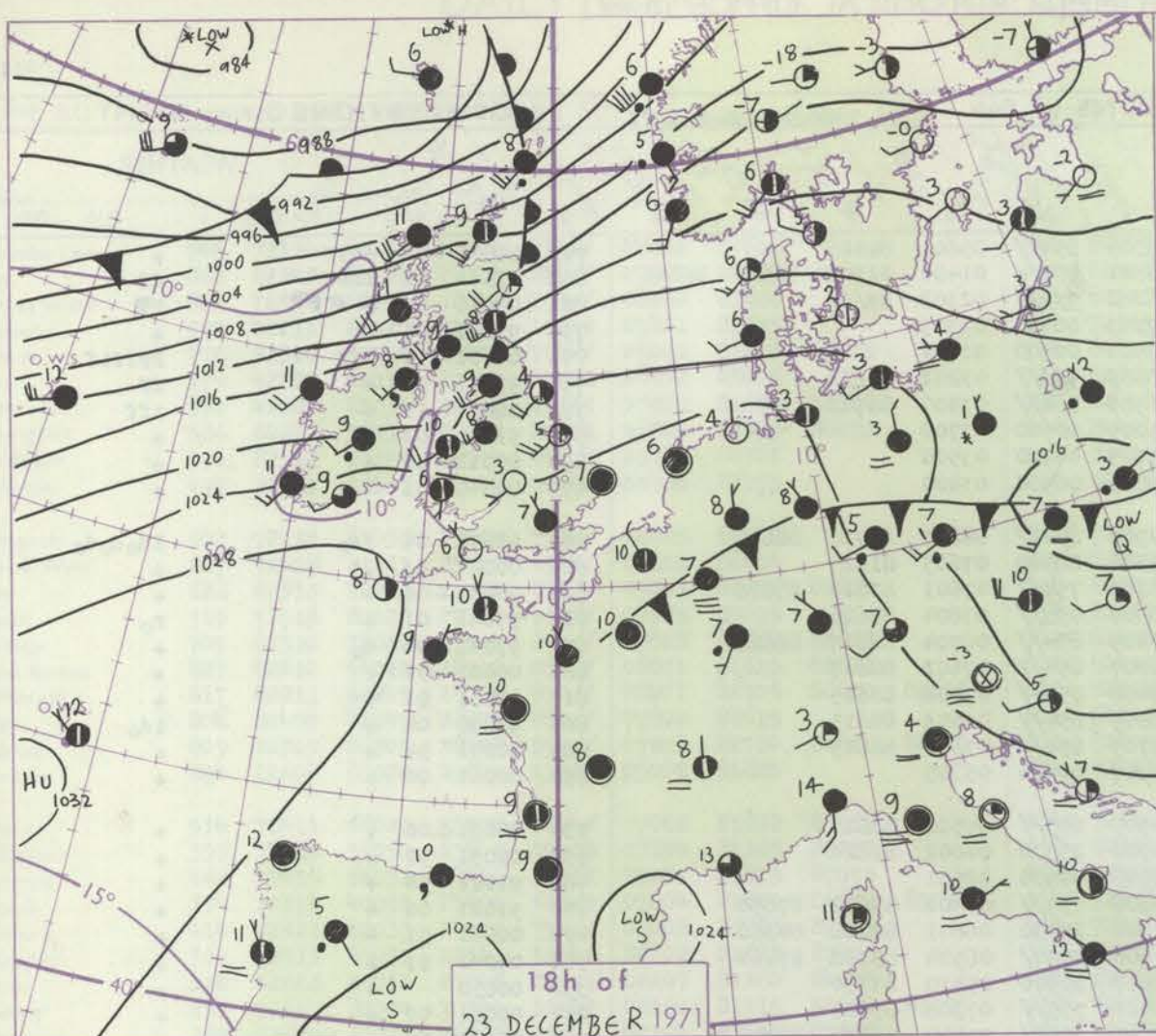


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone persists northeast of the Azores with a ridge across France to another high in the Balkans. A complex trough of low pressure extends from the Norwegian Sea to the east of Newfoundland at a distance of 200 to 400 miles north of the polar front which trails southwestwards across the Atlantic from the vicinity of the Shetlands. The most intense low is the one in the west Atlantic but

various lows have been forming on the front running northeast between the Faeroes and Iceland. During the next 24 hours the main Atlantic low is expected to move towards Iceland with a wave depression, now 300 miles west of Scotland, moving east to Sweden encouraging the polar front to track south to the Scottish Borders before becoming retrograde.

Issued at midday Friday 24 December 1971



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

Code FM II.D		OBSERVATIONS at 00h. 24 December 1971										OBSERVATIONS at 06h. 24 December 1971										OBSERVATIONS during NIGHT					
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> ChC <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> ChC <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	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	00000	01424	27303	00900	03204				746	82009	40104	27305	854//	05601	88616			746	00011	52	ffff		+			
Hurn	862	90000	01474	28001	9////	01306	89///			862	80000	40104	28301	852//	01400	81705	86620	88640	862	07511	52	ffff		ff			
Thorney Island	871	13602	25101	27503	15500	03307	81620			871	93501	01434	28202	9////	02302	89///			871	00011	52	ffff		ff			
Manston	797	72605	60022	26907	754//	05207	87613			797	02209	34101	27203	00900	03303			797	97031	51	+		+				
Gatwick	776	02701	02411	27301	00900	01306				776	02203	01464	27901	00900	01004			776	00511	54	1fF		FFffif				
Kew	775									775	92201	04434	26803	9////	03202	89///			775	97011	53	+		ff			
Heathrow	772	02006	56021	26404	00900	03301				772	81604	06411	26903	861//	03400	88702			772	00031	51	+		1ff			
Honington	586	02106	59021	25804	00900	03302				586	02410	56020	25005	00900	03702			586	91031	01	+		+				
Wattisham	590	22408	56011	25904	26400	03802	82710			590	02509	37020	25703	00900	03500			590	00011	51	+		+				
Gorleston	497	02209	60011	24906	00900	03802				497	02410	57020	25005	00900	03400			497	00040	01	+		+				
Aberporth	502	82012	80015	24909	855//	07704	88625			502	82214	66502	24909	854//	08805	84710	88620		502	92071	04	1d <sub>o</sub>		1d <sub>o</sub> d <sub>o</sub> d <sub>o</sub>			
Ross-on-Wye	627									627	22308	70020	25208	28500	07605	81825			627	00041	51	+		+			
Filton	628	72503	40051	27105	754//	04103	87618			628	72308	62052	26709	754//	07601	81618	87623		628	00041	00	+		+			
Rhoose	715	82608	70021	27208	854//	06301	88618			715	82515	70022	26509	855//	07604	88626			715	97041	01	+		ro			
Chivenor	707	80906	59505	27607	854//	05500	83616	88619		707	82409	70025	27209	854//	08704	82617	88628		707	97041	04	d <sub>o</sub>		+			
Mount Batten	827	00000	40100	28603	00900	03302				827	82802	61101	28707	854//	07602	88617			827	00021	51	+		+			
St. Mawgan	817	73007	80021	28509	754//	06304	87615			817	82005	80022	28408	854//	07602	88615			817	00061	01	+		+			
Silly	804	53103	82021	29210	52400	07303	85818			804	82704	82022	28809	854//	07603	88615			804	97090	04	+		1d <sub>o</sub>			
Culdrose	809	70000	72031	28606	754//	05304	87617			809	82901	69022	28709	854//	07301	88615			809	00051	54	+		+			
Guernsey	894	80000	56022	27809	855//	08209	88622			894	03308	78011	28907	00900	05305			894	00061	00	+		+				
Elmdon	534	12210	58010	25004	10940	03000	81362			534	62109	58031	24905	655//	05502	86623			534	00031	00	+		+			
Cardington	559	02410	59021	25804	00900	03503				559	22206	58021	25904	25500	04002	82620			559	00031	51	+		+			
Wittering	462	02612	56041	24504	00900	03804				462	02110	48040	24603	00900	02501			462	91021	50	+		+				
Wathall	354	22306	28041	24003	00901	02603	82080			354	71902	62021	23806	755//	05301	83622	87650		354	91021	00	+		+			
Shawbury	414	72310	69021	24108	764//	05802	87712			414	42103	78011	23908	25430	06601	82618	84360		414	00021	51	+		+			
Finningley	360	72110	50041	22105	7097/	04705	87360			360	72109	74012	21908	7097/	06504	83360	87464		360	00041	01	+		+			
Kilnsea	396	02320	48010	22505	00900	03602				396	32421	66030	21507	30970	05810	83360			396	00050		+		+			
Leeming	257	82318	69032	19709	854//	06507	88614			257	72412	82032	20711	755//	07306	87620			257	00081	07	+		+			
Tynemouth	262	82108	81022	17309	8097/	07304	88358			262	82720	81022	17612	3567/	07000	83630	88358		262	00081	07	+		+			
Carlisle	222	82315	62026	17510	854//	08505	82710	85618	88630	222	82315	62022	17711	854//	08400	82712	86616	88628	222	97091	08	d <sub>o</sub> ro d <sub>o</sub> ro		ro			
Valley	302	82222	74031	23010	855//	09500	88623			302	72221	69022	22811	755//	09400	87623			302	00091	09	+		+			
Ringway	334	81813	65025	22907	854//	04805	85618	88650		334	71608	75031	23508	754//	06304	87618			334	92051	05	d <sub>o</sub>		+			
Squires Gate	318	52521	70012	21809	35430	08502	81615	83650		318	82519	75036	21810	6557/	09101	86626	88360		318	97081	07	1ro		+			
Ronaldsway	204	82312	68016	20710	864//	09501	88712			204	82214	82012	20211	854//	09504	82717	85635	88645	204	97101	07	ro		d <sub>o</sub> ro			
Mull of Galloway	131	32321	74011	17810	35600	09305	83640			131	82022	81022	17310	856//	08605	88635			131	00091							
Eskdalemuir	162	82219	48606	16408	872//	08507	88705			162	82319	62216	16509	874//	07501	86713	88717		162	01081	06	ro ro 1ro		1ro			
Prestwick	135	82420	65215	15110	6557/	09804	82620	85640	88361	135	82519	65582	15711	854//	08503	81614	83617	88620	135	97101	09	1ro		1d <sub>o</sub> ro 1d <sub>o</sub>			
Abbotsinch	140	72222	65586	12611	754//	10804	82712	87620		140	52215	80016	14111	55400	10011	82615	85635		140	97101	09	d <sub>o</sub> ro d <sub>o</sub> ro		1ro 1d <sub>o</sub> ro			
Leuchars	171	62326	70026	10111	654//	09702	83713	85632		171	22320	74011	11611	25400	08210	81715			171	97101	08	d <sub>o</sub> ro d <sub>o</sub> ro		+			
Dyce	091	12417	86020	06912	15600	07301	81635			091	31914	86021	08611	35600	07310	83630			091	00091	05	+		+			
Lerwick	005	82537	58216	95110	854//	09305	88615			005	82720	66022	99809	3567/													



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

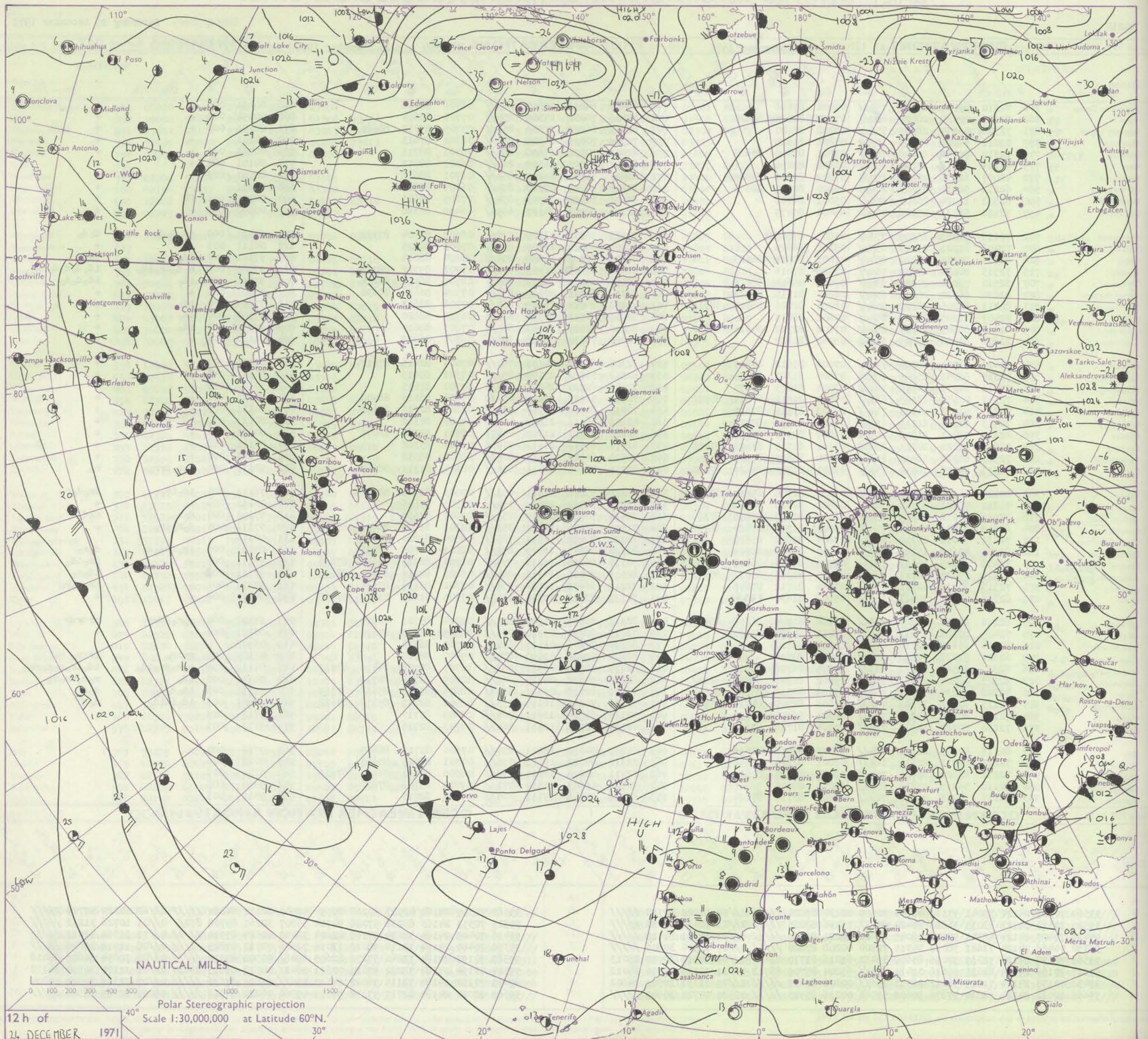
No. 40210

Date of Issue Saturday 25 December 1971

OBSERVATIONS at 12h.											OBSERVATIONS at 18h.											OBSERVATIONS during DAY				
24 December 1971											24 December 1971															
Station	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT	T <sub>e</sub>	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Boscombe Down	746	72310	69022	27808	754//	07002	87616			746	82407	64032	26507	863//	06706	88708			746	00091	000	+	+			
Hurn	862	82303	60031	28809	854//	07002	82618	88625		862	82506	70032	27309	854//	07706	88614			862	00090	000	+	+			
Thorney Island	871	72508	58054	28609	755//	08202	87620			871	82611	66022	27309	854//	07705	85712	88620		871	00091	000	+	+			
Manston	797	22211	64020	27309	15502	07801	81625			797	72309	70021	26908	754//	06302	87613			797	00101		+	+			
Gatwick	776	72310	59054	28208	783//	07001	81806	87623		776	82307	70021	27108	864//	06501	88711			776	00101	011	+	+			
Kew	775	42209	61014	27109	35732	06802	83656			775	82307	77021	26509	864//	06301	88712			775	00101	022	+	+			
Heathrow	772	42007	62034	26909	15731	07802	81650	83362		772	82408	75031	26209	854//	06701	88613			772	00101	023	+	+			
Honington	586	62212	58031	25208	20931	06000	82359	86073		586	82409	56022	25108	854//	06307	88615			586	00091		+	+			
Wattisham	590	82512	10284	26505	860//	05001	88701			590	82611	58022	25708	854//	07305	88611			590	00091	011	ff	+			
Gorleston	497	52110	58031	25008	00902	05400	85075			497	62106	58052	24107	6093//	06400	86360			497	00090	049	+	+			
Aberporth	502	72115	61055	25209	773//	08805	87708			502	71915	56515	23509	772//	08608	83704	87709		502	97091	000	1d <sub>o</sub> d <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> d <sub>o</sub>			
Ross-on-Wye	627	72408	81021	25511	6554//	08102	86625			627	82209	63022	24809	855//	07603	88625			627	00111	001	+	+			
Filton	628	82313	72015	27210	854//	07003	81616	88625		628	82309	62202	26209	854//	07604	88614			628	97101	000	1d <sub>o</sub>	1d <sub>o</sub>			
Rhoose	715	72515	80026	27310	754//	07005	87616			715	82310	57516	26009	873//	07707	85707	88710		715	97101	000	r <sub>o</sub> d <sub>o</sub> -r <sub>o</sub> 1d <sub>o</sub>	1d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>			
Chivenor	707	82510	78022	27910	854//	07003	85614	88618		707	82108	69505	26309	854//	08705	86711	88616		707	97101	000	1d <sub>o</sub>	1d <sub>o</sub> d <sub>o</sub> d <sub>o</sub>			
Mount Batten	827	82610	66022	28910	854//	08801	81615	88622		827	82212	62022	27309	854//	07504	86616	88630		827	00101	000	+	+			
St. Mawgan	817	82211	62205	28709	853//	08001	82706	86610	88615	817	82208	80022	26809	854//	07706	88612			817	97091	000	1d <sub>o</sub>	+			
Scilly	804	82407	81205	28909	854//	07802	88615			804	82206	82022	26710	855//	06705	88620			804	97100	000	1d <sub>o</sub>	+			
Culdrose	809	82305	66505	28209	854//	07802	82710	84615	88620	809	82205	72025	27009	854//	07803	88614			809	97091	000	1d <sub>o</sub>	+			
Guernsey	894	22604	81020	29809	11532	05002	81820			894	62006	78030	28208	655//	06707	86622			894	00111	073	+	+			
Elmdon	534	72411	68021	25210	7844//	07002	81812	87617		534	72106	61022	24109	754//	07604	82615	87617		534	00101	007	+	+			
Cardington	559	72314	58051	25809	10935	07804	81365	87075		559	82310	56052	25309	854//	07301	88615			559	00101	041	+	+			
Wittering	462	72415	64031	24410	18432	07001	81815	87075		462	72509	62022	24009	754//	07500	87615			462	97101	039	+	+			
Watnall	354	72314	40051	23509	684/1	07804	81810	86614	85072	354	72312	56022	23209	654/2	07604	86616	86070		354	00101	000	+	+			
Shawbury	414	72311	83031	24111	754//	07003	83715	87619		414	72413	80032	22910	754//	07808	82713	87616		414	00111	005	+	+			
Finningley	360	72413	61031	22111	15542	08802	81625	87075		360	42209	66011	21809	40930	07400	84362			360	00121	036	+	+			
Kilnsea	396	42622	58011	21808	20971	06207	82360	84075		396	62620	57022	21309	20971	06701	82360	86075		396	00090	030	+	+			
Leeming	257	72617	82022	20711	35402	08101	81715	83623	87075	257	62411	80012	20111	50932	07400	85362			257	00121	012	+	+			
Tynemouth	262	72520	66022	18512	3567//	07104	83630	87358		262	82510	66022	17611	8097//	08802	88358			262	00121	000	+	+			
Carlisle	222	82313	69215	18410	7537//	09001	83709	85620	87630	222	82215	70026	18311	854//	08304	81712	88632		222	92111	000	d <sub>o</sub> r <sub>o</sub> dr <sub>o</sub>	r <sub>o</sub>			
Valley	302	82125	66502	23011	853//	09002	81708	85710	88618	302	82225	59216	21511	853//	09603	82709	88612		302	96111	000	1d <sub>o</sub> ir <sub>o</sub>	ir <sub>o</sub> d <sub>o</sub> r <sub>o</sub>			
Ringway	334	71810	75021	23210	784//	08801	82815	86618		334	71808	70022	22609	754//	07503	87616			334	00111	004	+	+			
Squires Gate	318	72520	70012	22510	6543//	08004	81715	83625	87360	318	72414	70026	21609	756//	09607	87630			318	97101	000	d <sub>o</sub> r <sub>o</sub>	r <sub>o</sub> d <sub>o</sub>			
Ronaldsway	204	82019	81026	20211	754/7	09000	81710	87624	88270	204	71916	72026	19411	753//	10301	81709	83626	87637	204	97111	000	d <sub>o</sub> r <sub>o</sub> ir <sub>o</sub>	+			
Mull of Galloway	131	72031	74012	17310	5851//	09804	81820	85635		131	72020	80022	16511	785//	08504	83820	87640		131	00111						
Eskdalemuir	162	82124	40606	17109	873//	08000	83706	88709		162	82122	58605	16809	852//	08001	84705	88628		162	04091	000	ir <sub>o</sub> ddd <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> r <sub>o</sub>			
Prestwick	135	72418	67026	16111	7843//	08701	81711	86642		135	72317	66216	15210	754//	08000	82715	84622	87650	135	97111	001	+	ir <sub>o</sub> id <sub>o</sub>			
Abbotsinch	140	72118	75026	14711	7843//	08000	81816	83630	87640	140	82018	70036	14111	854//	08202	82712	85620	88630	140	97111	002	+	1d <sub>o</sub> r <sub>o</sub>			
Leuchars	171	72319	80022	12911	754//	07004	81712	87645		171	72219	66602	12710	754//	08302	85618	87635		171	97111	000	+	ir <sub>o</sub> r <sub>o</sub> r <sub>o</sub>			
Dyce	091	62315	86011	10311	1567//	05108	81630																			

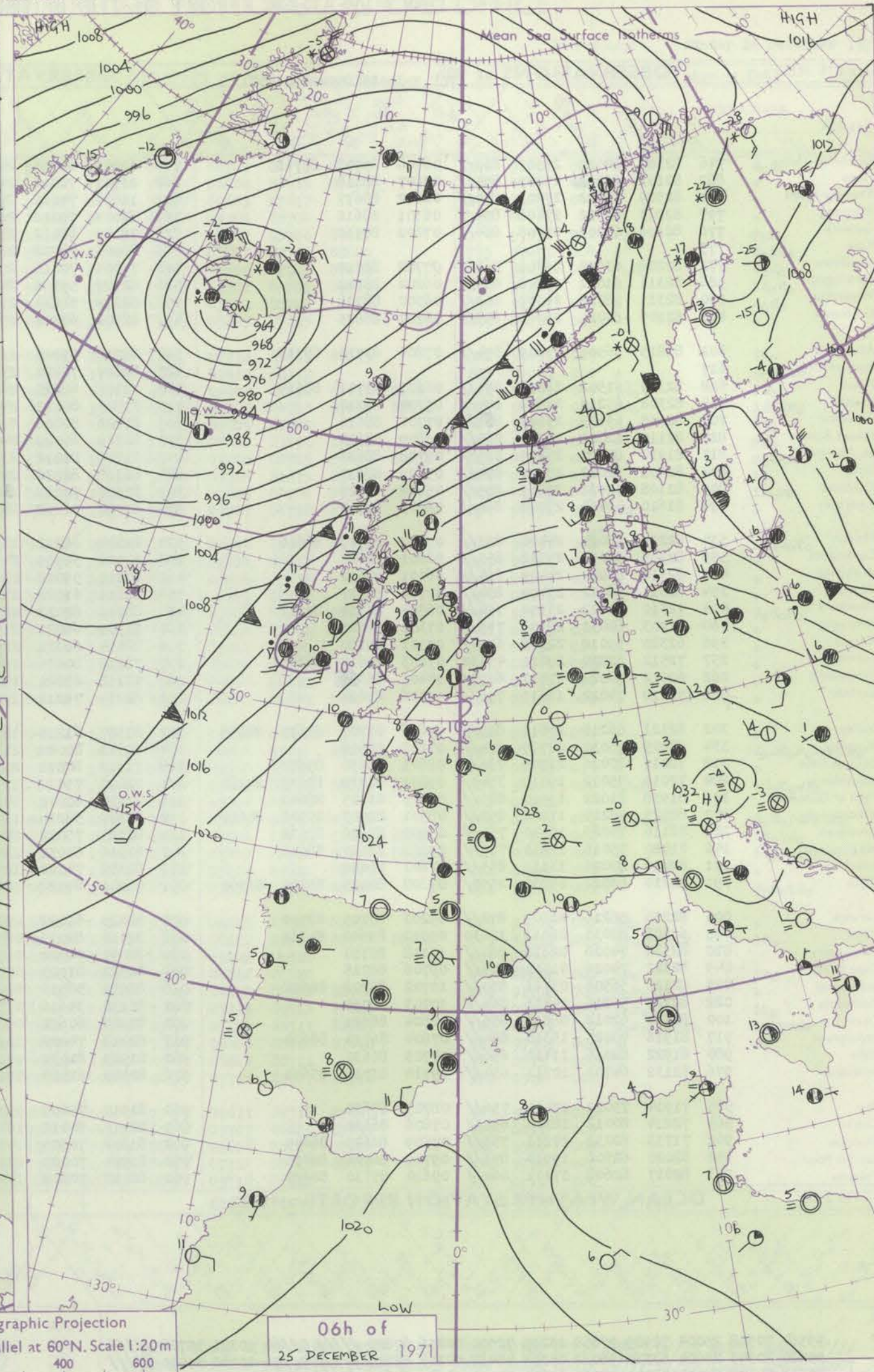
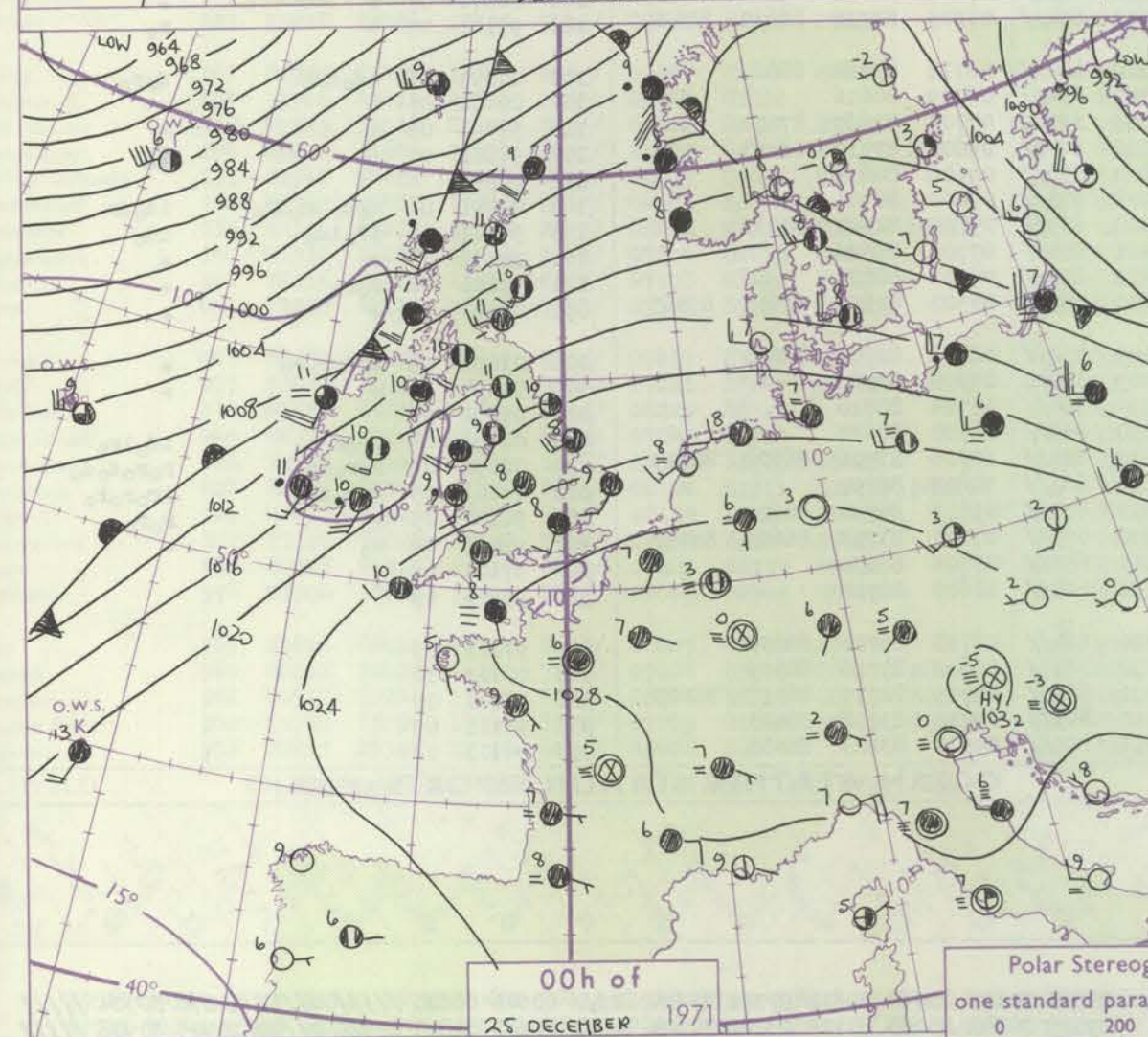
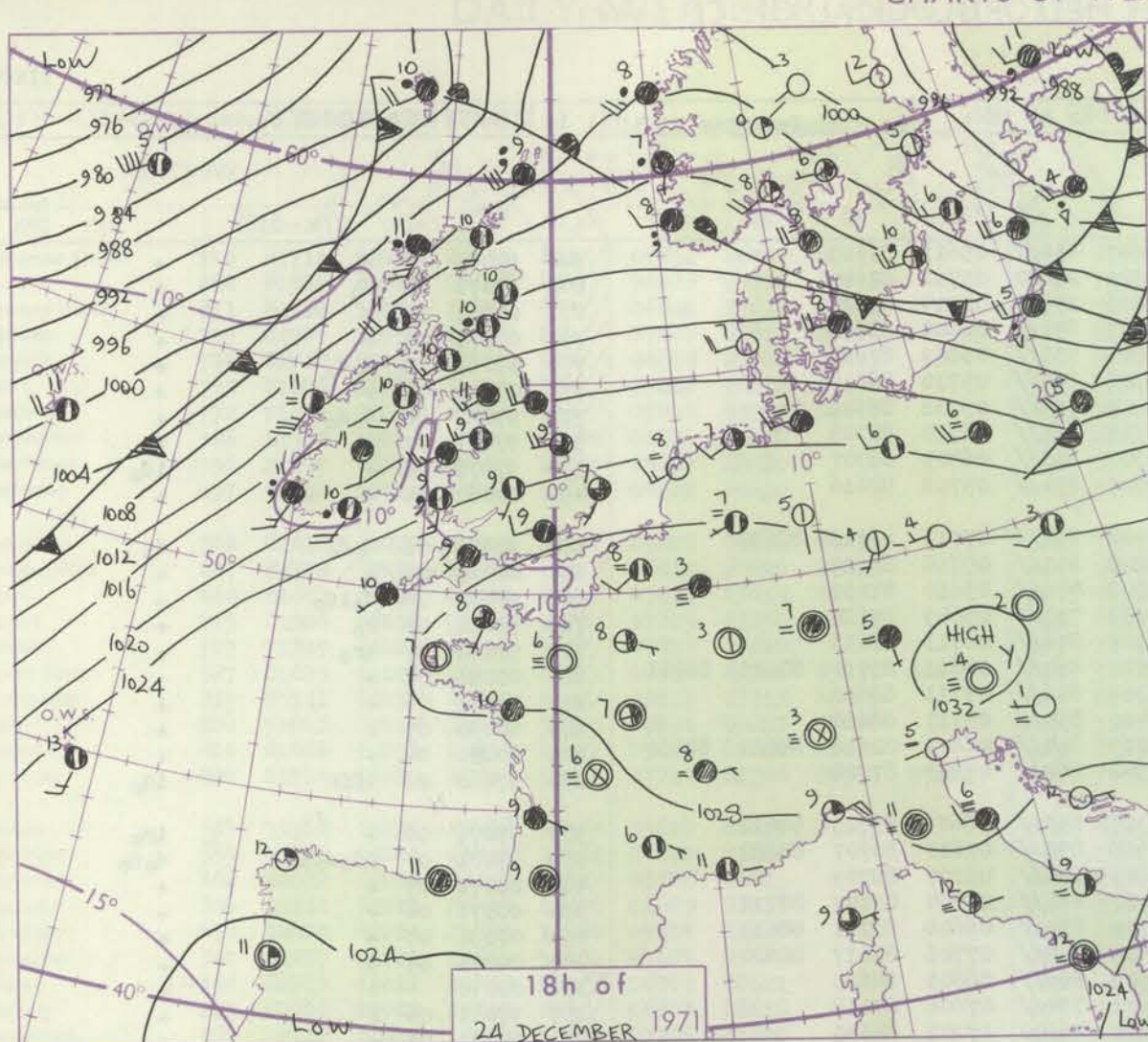


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The belt of high pressure which extended from east of Azores to Germany has now declined in the west leaving a centre over northern Italy where it is likely to remain almost stationary. The series of depressions has continued to move north-east across Iceland to northern Scandinavia. A centre now over southwest Iceland is expected to move northeast to be centred near Jan Mayen by tomorrow morning.

An associated cold front from southern Norway, across Scotland to west Azores, has remained almost stationary in the north, apart from waves moving quickly northeast along it. In the south, however, it is making slow eastward progress, is now east of Azores, and is expected to lie about 300 miles west of Portugal by tomorrow morning.

Issued at midday Saturday 25 December 1971



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

Code FM II.D	OBSERVATIONS at 00h. 25 December 1971										OBSERVATIONS at 06h. 25 December 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> 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		
																							21h.—03h.	03h.—09h.	
	Boscombe Down	746	82307	62022	26307	863//	06704	85708	88711		746	62003	62015	24607	654//	05611	86618				746	97051	51	d <sub>o</sub>	+
	Hurn	862	82103	65201	26609	854//	07807	88618			862	21701	70011	24709	25600	05712	82640				862	97071	03	d <sub>o</sub>	+
	Thorney Island	871	82309	70022	27209	854//	06602	88617			871	11606	74011	25206	15500	06714	81625				871	00051	01	+	+
	Manston	797	82203	69022	27408	854//	06301	88612			797	82003	74022	26407	854//	06608	88618				797	00071	07	+	+
	Gatwick	776	82106	65205	27008	864//	07802	88712			776	72005	66012	25708	755//	05609	87620				776	97061	02	d <sub>o</sub> d <sub>o</sub>	+
	Kew	775									775	82004	78022	25308	854//	05710	88618				775	00071	01	+	+
	Heathrow	772	82208	63022	26308	864//	07702	88710			772	71906	70015	25109	755//	05708	87622				772	97071	02	d <sub>o</sub> d <sub>o</sub>	+
	Honington	586	82311	61022	25708	854//	06202	88612			586	82109	59502	24807	863//	06710	88709				586	97071	07	+	d <sub>o</sub>
	Wattisham	590	82311	58022	26307	863//	06500	88708			590	82310	58022	25307	863//	06709	88707				590	97071	06	+	1d <sub>o</sub>
	Gorleston	497	82109	60025	26009	855//	06107	88625			497	82108	60022	25007	854//	05708	88616				497	00060	04	+	+
	Aberporth	502	81815	56505	23009	874//	07804	83710	88713		502	81716	59205	21008	854//	07713	83712	88620			502	97081	06	d <sub>o</sub> d <sub>o</sub>	d <sub>o</sub>
	Ross-on-Wye	627									627	82207	70022	23208	855//	05710	88625				627	00071	05	+	+
	Filton	628	82309	61502	26208	854//	06601	85711	88615		628	72107	62025	24208	756//	05610	87631				628	97081	06	d <sub>o</sub> 1d <sub>o</sub>	+
	Rhoose	715	82308	65215	25908	874//	07704	88710			715	71703	80022	24008	755//	05609	87624				715	97071	02	r <sub>o</sub>	+
	Chivenor	707	82008	69605	25609	854//	07706	88616			707	81406	80026	23308	856//	06713	88633				707	97081	07	1r <sub>o</sub>	+
	Mount Batten	827	82110	62022	26210	855//	06609	88623			827	82108	66022	24010	854//	07611	81710	84625	88641		827	00091	07	+	+
	St. Mawgan	817	81910	80022	25709	855//	05708	88620			817	81708	80012	23108	856//	05713	88632				817	00071	06	+	+
	Scilly	804	82208	82022	25310	854//	05709	88617			804	82108	82022	22410	855//	05717	88625				804	00090	07	+	+
	Culdrose	809	82108	72022	25809	855//	05604	88620			809	82105	72022	22209	854//	06611	82618	84620	88630		809	00080	04	+	+
	Guernsey	894	81610	06464	27008	860//	08605	88700			894	81510	56052	24908	862//	07615	87704				894	97080	01	1fff	1d <sub>o</sub>
	Elmdon	534	82209	65021	24408	853//	07702	82709	88616		534	82208	66212	23307	853//	06608	83709	88612			534	97071	06	+	1r <sub>o</sub>
	Cardington	559	82315	58052	25708	855//	06001	88620			559	82108	58505	24608	853//	07610	86707	88620			559	97081	07	1d <sub>o</sub> d <sub>o</sub> d <sub>o</sub>	d <sub>o</sub> d <sub>o</sub>
	Wittering	462	82314	66022	24409	854//	06101	88612			462	82211	59022	23707	863//	05707	88709				462	00071	07	+	+
	Watnall	354	82311	56022	23409	854//	07702	88617			354	82111	61022	22707	863//	06704	85707	88712			354	00071	06	+	+
	Shawbury	414	72310	80022	23110	754//	06804	82714	87617		414	82210	82022	21709	854//	06608	83713	88617			414	00081	07	+	+
	Finningley	360	71903	64031	22308	755//	07302	87625			360	82109	66031	21509	854//	07706	83617	88620			360	00071	05	+	+
	Kilnsea	396	62320	59012	22308	60971	07103	86360			396	82414	66021	21908	855//	06805	88625				396	00070		+	+
	Leeming	257	72512	82032	20011	45432	07603	84618	85360		257	72212	80026	19411	754//	07606	87618				257	97081	06	r	+
	Tynemouth	262	62512	74022	17811	60971	07400	86368			262	42112	81021	17611	45600	07102	84630				262	00101	07	+	+
	Carlisle	222	72010	74022	18611	756//	07306	87634			222	82214	78212	17610	854//	07603	82715	86619	88624		222	97101	09	+	r <sub>o</sub>
	Valley	302	82121	66215	20811	853//	09606	81707	83615	88618	302	81927	61215	18810	854//	08711	85614	88620			302	01091	09	1d <sub>o</sub> 1r <sub>o</sub>	d <sub>o</sub> r <sub>o</sub>
	Ringway	334	82009	75032	22709	854//	07603	88616			334	81813	80022	21309	854//	06709	88616				334	00081	07	+	+
	Squires Gate	318	72011	80016	21709	756//	08801	85630	87657		318	71913	80012	20209	35502	07707	83627	87070			318	97081	05	d <sub>o</sub>	+
	Ronaldsway	204	72019	75012	19010	35431	09801	81712	83635	87360	204	82020	75012	17710	36471	09607	83712	88363			204	97101	09	+	T <sub>o</sub>
	Mull of Galloway	131	81938	81022	15910	885//	07603	83825	88640		131	81934	80022	14810	856//	09606	88635				131	00091			
	Eskdalemuir	162	82023	40215	17108	852//	08501	82703	85708	88617	162	81927	58036	15908	872//	07608	88704				162	01081	06	d <sub>o</sub> d <sub>o</sub> -r <sub>o</sub> 1r <sub>o</sub>	1d <sub>o</sub> dr
	Prestwick	135	72116	75025	15110	755//	08505	83626	87632		135	82115	75032	14410	855//	07804	82624	88630			135	97101	09	1r <sub>o</sub> 1d <sub>o</sub>	1d <sub></sub>



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

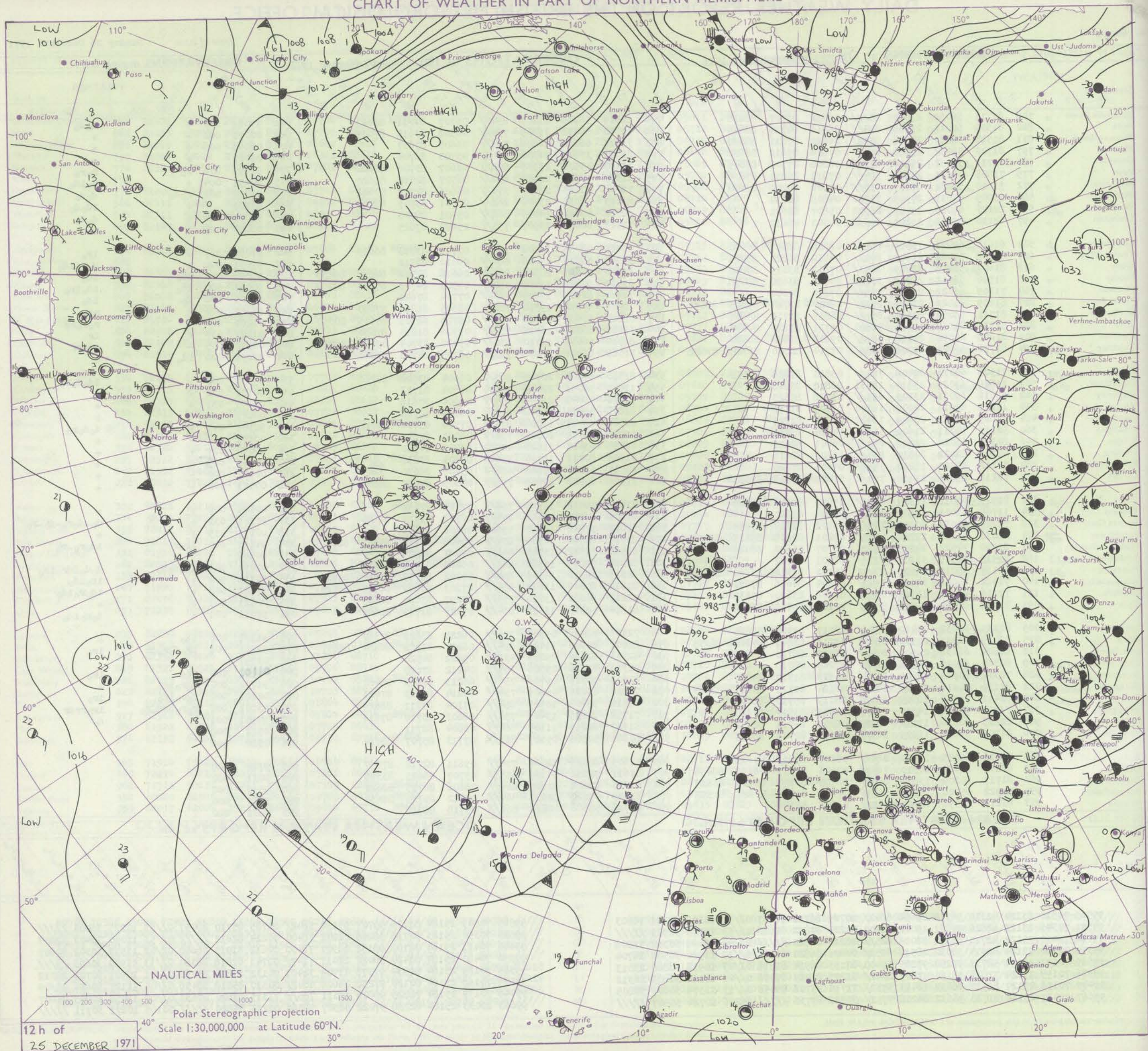
No. 40211

Date of Issue Sunday 26 December 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		25 December 1971										25 December 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	X	E	SSS	WEATHER						
																									09h.—15h.	15h.—21h.					
Boscombe Down	746	81711	56052	23407	853//	06812	86707	88618		746	81511	56205	21107	854//	06707	84711	88617		746	97081	000	+					d <sub>o</sub> d <sub>o</sub>				
Hurn	862	81509	60011	23608	854//	06813	84710	88615		862	71710	58012	21709	754//	06502	83615	87639		862	00091	000	+					+				
Thorney Island	871	81514	56051	24508	854//	06810	87611	88630		871	71511	66032	22608	754//	06605	87617		871	00091	000	+					+					
Manston	797	81706	56052	25908	854//	07806	85612	88620		797	81611	37102	24306	862//	05705	88704		797	00081			+				+					
Gatwick	776	81712	57052	25008	853//	06808	87708	88645		776	81407	45106	23107	853//	06607	83706	88620		776	97091	001	r <sub>o</sub>				r <sub>o</sub> r <sub>o</sub>					
Kew	775	71808	62031	24209	784//	07812	86812	87636		775	81305	50505	22907	854//	06707	82710	88620		775	97091	004	+				d <sub>o</sub> id <sub>o</sub>					
Heathrow	772	71610	58032	24309	753//	07808	85709	87640		772	71408	40015	22607	753//	06606	82708	87622		772	91091	003	r <sub>o</sub> d <sub>o</sub>				d <sub>o</sub> d <sub>o</sub>					
Honington	586	11909	64015	24509	15600	04805	81630		586	81613	50031	23406	862//	05301	85705	88709		586	97101			+				id <sub>o</sub> d <sub>o</sub>					
Wattisham	590	22107	66015	25009	25500	05807	82620		590	82012	40022	24005	862//	05501	88703		590	91091	024	+						d <sub>o</sub> d <sub>o</sub>					
Gorleston	497	62110	60012	25109	656//	04002	86630		497	71913	60031	23907	755//	05603	87625		497	00090	029	+						+					
Aberporth	502	61615	62022	19809	684//	06808	81818	86630		502	71415	58051	16908	754//	07711	83713	86625		502	97091	027	+					ir <sub>o</sub>				
Ross-on-Wye	627	81708	57022	21609	885//	06812	86820	88625		627	81407	48215	19008	864//	06612	88712		627	97091	000	+						d <sub>o</sub> r <sub>o</sub> id <sub>o</sub>				
Filton	628	81607	58055	22509	854//	07812	83619	88632		628	81510	56005	20108	854//	06608	82712	84618 88639		628	97091	000	id <sub>o</sub>					id <sub>o</sub>				
Rhoose	715	81506	58052	22308	3572//	07809	83650	88458		715	81111	50016	19407	5522//	07509	84703	85645 88458		715	94091	000	id <sub>o</sub>					id <sub>o</sub> ir <sub>o</sub>				
Chivenor	707	71309	66022	21009	756//	07816	87640		707	71410	62505	18309	756//	07704	87640		707	97101	000	d <sub>o</sub>						id <sub>o</sub>					
Mount Batten	827	81609	61022	21410	884//	08817	81710	85815 88635		827	71811	59252	19310	784//	08605	81816	87630		827	97111	000	+					pr <sub>o</sub>				
St. Mawgan	817	81711	58052	20510	854//	08817	83713	88645		817	81815	58602	17709	852//	09706	82705	85615 88630		817	01101	000	+					r <sub>o</sub> r <sub>o</sub> rr				
Silly	804	51813	81012	19111	58500	09721	83823	84630		804	71911	66021	16511	784//	09706	81815	87630		804	01121	037	+					ir				
Culdrose	809	81608	60052	20710	884//	09815	83818	88630		809	81915	56636	17210	852//	09620	83704	85708 88612		809	02112	005	+					ir <sub>o</sub> rr				
Guernsey	894	81716	56025	22708	853//	07714	82706	86708 87622		894	71515	62022	21108	753//	06705	84708	87610		894	97091	000	id <sub>o</sub>					+				
Elmdon	534	71908	64031	22408	784//	05810	81815	87635		534	81810	59202	20707	863//	06604	83708	88710		534	97091	005	+					id <sub>o</sub> d <sub>o</sub> r <sub>o</sub>				
Cardington	559	11806	61025	23810	18531	06810	81820		559	11510	56051	22407	16400	06804	81713		559	00101	032	+							+				
Wittering	462	62012	69031	23109	655//	05708	86625		462	71814	48041	21707	754//	06604	87618		462	00101	031	+							+				
Watnall	354	12211	62011	22009	16400	03809	81715		354	81808	56031	20908	863//	06804	88708		354	00101	025	+							+				
Shawbury	414	12009	82021	20809	18400	04814	81815		414	81908	48511	19208	873//	07706	83706 88711		414	92101	041	+							d <sub>o</sub> d <sub>o</sub> r <sub>o</sub>				
Finningley	360	52217	74011	21609	55600	04604	85630		360	71706	56101	20607	756//	06000	87641		360	00101	030	+							+				
Kilnsea	396	82318	66022	22308	855//	06001	88621		396	42015	63031	21206	40970	05001	84360		396	00090	027	+							+				
Leeming	257	82208	82022	20210	854//	06303	88618		257	31903	80011	19106	35640	04804	83630		257	00041	005	+							+				
Tynemouth	262	72112	61021	18210	755//	07205	87620		262	62011	61022	18208	656//	05400	86630		262	00111	000	+							+				
Carlisle	222	72218	82026	17410	754//	07001	83713 87625		222	71906	80022	16709	755//	04805	84627 86635		222	00111	002	+							+				
Valley	302	81927	80012	18309	854//	07807	81616	88620		302	71623	74012	16509	756//	07710	87632		302	00101	000	+						+				
Ringway	334	11708	65011	21009	15500	03804	81620		334	81806	56042	19608	854//	06703	81710 88630		334	97101	032	+							d <sub>o</sub> -d <sub>o</sub> r <sub>o</sub> -d <sub>o</sub> -r <sub>o</sub>				
Squires Gate	318	71709	60032	20110	755//	07802	82625 87635		318	51612	57042	18507	55600	05706	85643		318	00111	015	+							+				
Ronaldsway	204	82018	61606	17710	6537//	09801	82708 85615 88462		204	81715	60586	16309	854//	09608	83712 85617 88636		204	94111	000	ir <sub>o</sub> r							id <sub>o</sub> r <sub>o</sub> -r <sub>o</sub>				
Mull of Galloway	131	81940	74022	14309	6562//	08707	86630 88460		131	81933	81022	13709	856//	07000	88635		131	00101													
Eskdalemuir	162	81919	28515	16308	871//	08201	88702		162	82014	62205	16306	883//	05805	81708 88628		162	02091	000	id <sub>o</sub> d <sub>o</sub> d <sub>o</sub>							d <sub>o</sub> d<				

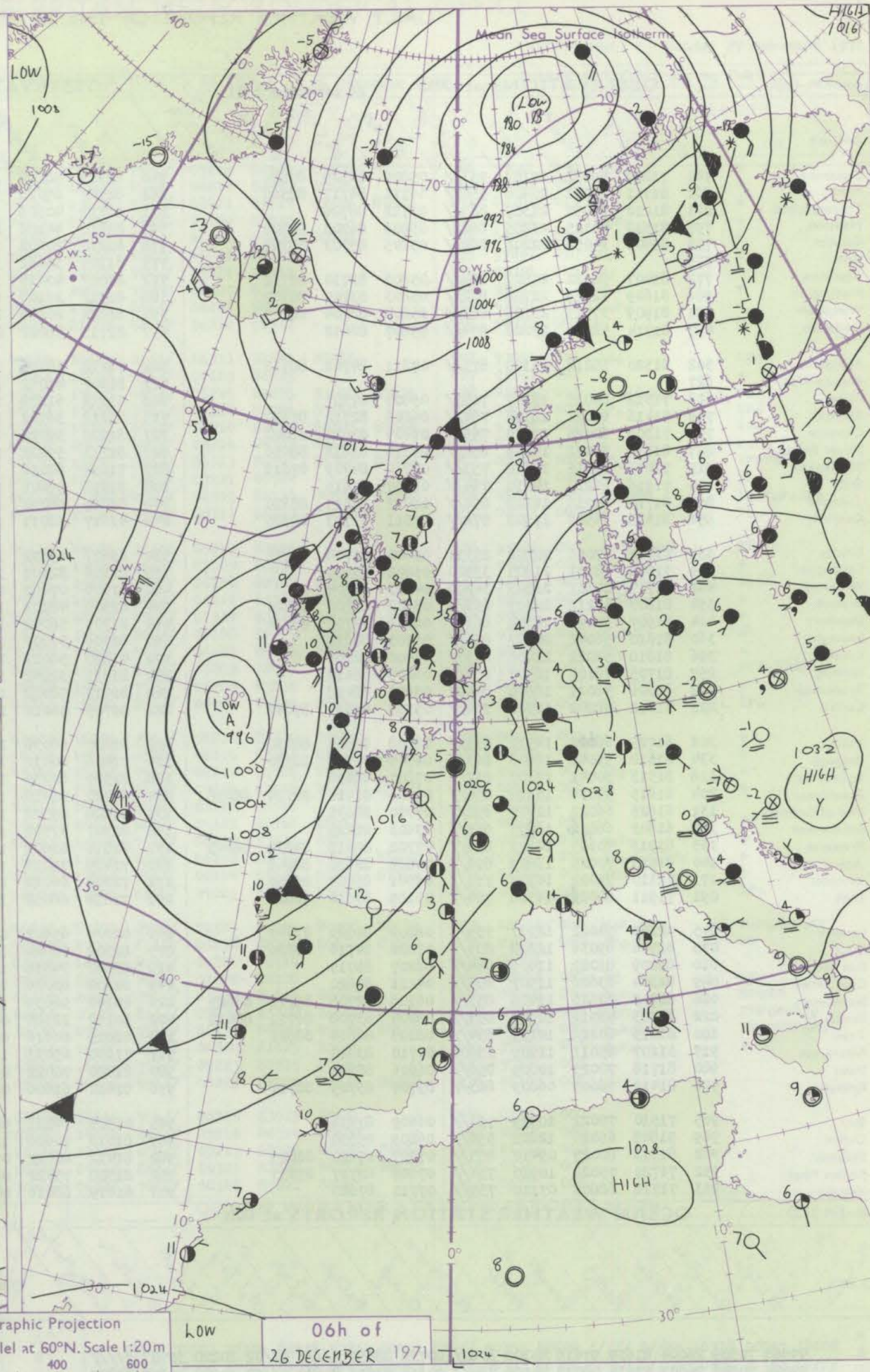
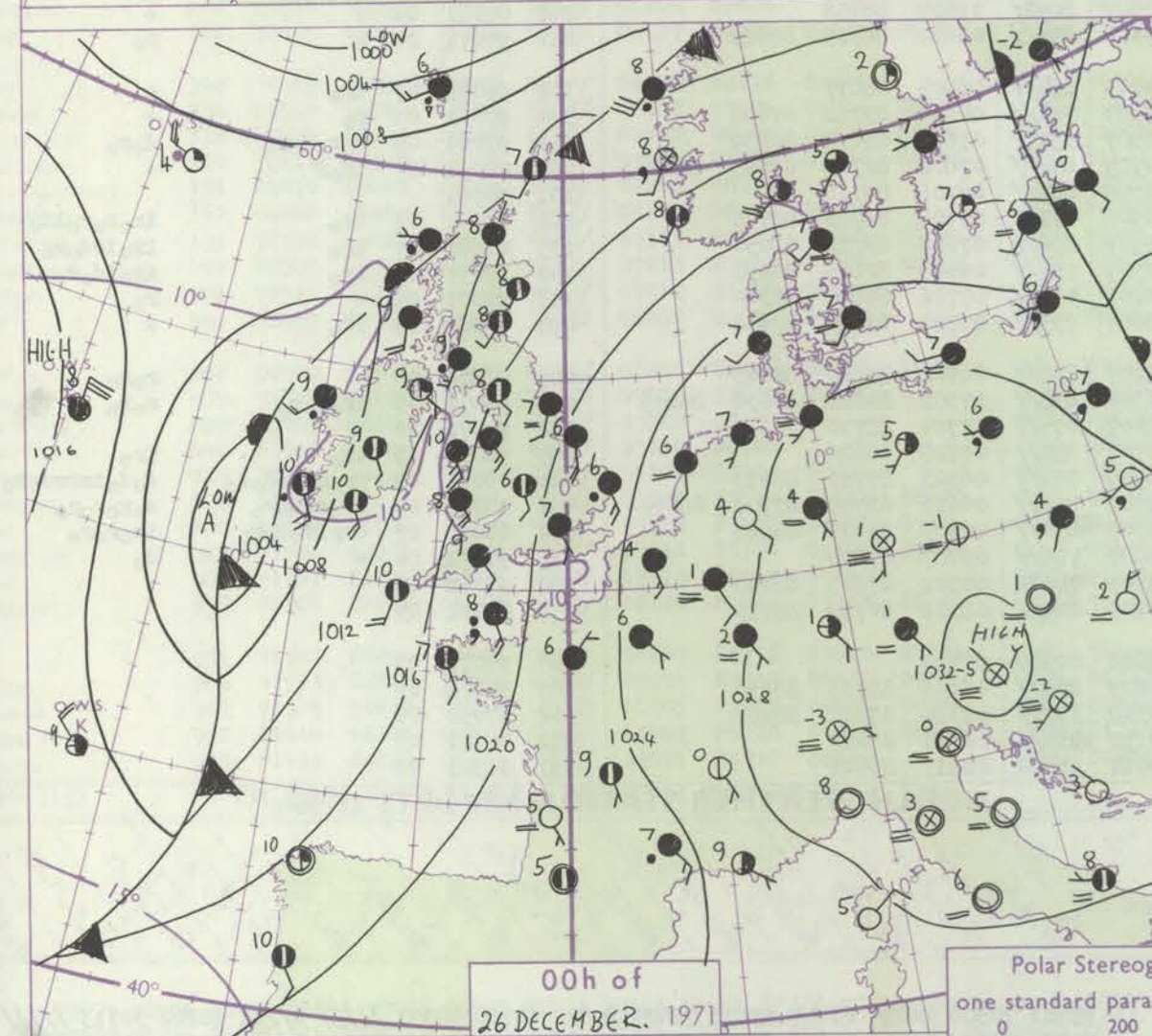
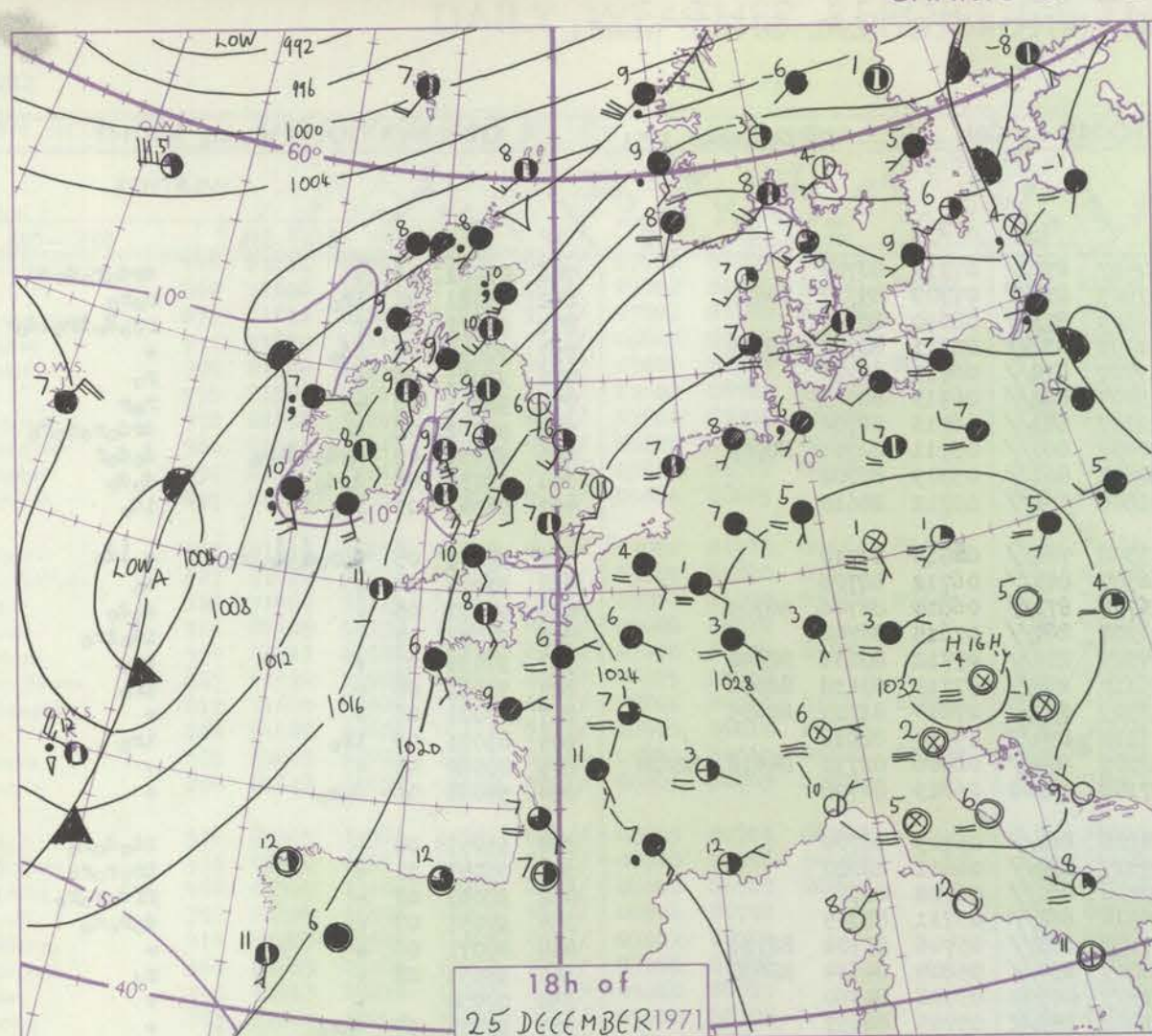


# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



## GENERAL SYNOPTIC DEVELOPMENT

The deep depression near southwest Iceland became stationary and began to fill rapidly as a ridge of high pressure was thrown up from mid Atlantic towards the Faeroes. Meanwhile the cold front, stretching from the Shetlands to the Azores, decelerated as a new depression formed on it southwest of Ireland. During the

next 24 hours the low off southwest Ireland is expected to move slowly southeast. Pressure will continue to rise strongly to the northwest of Scotland and a ridge will cross northern areas of Britain. The overall effect of these changes will be to weaken the cold front as it crosses western parts of the British Isles.

Issued at midday Sunday 26 December 1971



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

Code FM II.D	OBSERVATIONS at 00h. 26 December 1971										OBSERVATIONS at 06h. 26 December 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	RRT <sub>n</sub> T <sub>e</sub>	T <sub>g</sub> T <sub>g</sub>	WEATHER				
																							21h.--03h.	03h.--09h.			
	Boscombe Down	746	71210	59052	20107	753//	05809	86709	87636		746	81311	58206	17407	872//	07715	88704				746	01061	06	+	drdrdrdrdr		
	Hurn	862	81511	65032	20408	5547/	06711	84717	88360		862	81507	65026	17809	854//	07709	85712	88620			862	95081	07	ir	ro		
	Thorney Island	871	81210	59052	21307	863//	07711	88706			871	81310	40506	19109	873//	08610	88706			871	92071	07	r	rrdrdrdrdr			
	Manston	797	81510	40105	23205	862//	05806	86703	88704		797	81610	44102	21105	862//	05711	82704	88705			797	97051	05	id	+		
	Gatwick	776	81409	34052	22206	862//	05805	85703	88704		776	81210	20602	19707	872//	06711	88704			776	97061	06	+	ro			
	Kew	775									775	81105	56052	19407	862//	06715	88705			775	92071	06	+	ro			
	Heathrow	772	81407	58022	21607	864//	05806	83710	88712		772	81007	40215	19107	863//	06713	88706			772	95061	06	do	drdrdrdrdr			
	Honington	586	81609	32585	22706	872//	05803	83705	88707		586	81513	20106	20405	860//	05711	82701	88702			586	97051	05	do	drdrdrdrdr		
	Wattisham	590	81909	37515	23106	862//	05803	86704	88705		590	81611	20105	20805	861//	05709	88702			590	97051	05	do	do			
	Gorleston	497	81714	58606	23206	854//	05807	88612			497	81715	48022	21806	854//	05712	88610			497	93061	05	ir	ro	id		
	Aberporth	502	81520	56216	15308	873//	07811	84708	88712		502	71418	58055	13508	764//	05816	87710			502	94071	05	ir	drdrdrdrdr	id		
	Ross-on-Wye	627									627	81207	48052	16507	863//	06712	88708			627	97071	04	+	do			
	Filton	628	71512	64035	19107	7087/	05807	87357			628	81312	61202	16708	873//	06814	84706	88709			628	97071	05	+	do		
	Rhoose	715	71416	66022	18508	754//	06806	82712	87650		715	81212	56102	16107	861//	07815	88702			715	97071	07	+	id	ir		
	Chivenor	707	71309	62025	17209	755//	06805	83622	86640		707	81209	59022	14509	856//	07712	85631	88642			707	97091	07	+	ir		
	Mount Batten	827	81512	59022	17809	854//	07810	83618	88656		827	81713	59022	15110	854//	07712	83618	88626			827	91091	08	+	ir		
	St. Mawgan	817	71616	59016	16208	753//	07810	84709	87615		817	71614	62012	13509	753//	07814	81709	87635			817	00081	06	+	+		
	Scilly	804	71916	66216	14810	754//	08707	87615			804	81618	59606	11110	854//	09714	88618			804	01091	09	ir	ro			
	Culdrose	809	81710	59036	16109	854//	08812	85615	88620		809	81613	56052	12909	854//	08806	82710	84618	88624			809	00080	05	+	+	
	Guernsey	894	81613	56586	17508	872//	07811	83703	88705		894	41617	58011	17108	46300	06815	84708			894	95081	06	do	ro	+		
	Elmdon	534	71710	57056	20206	25331	05000	81708	87075		534	81607	45502	18106	862//	05709	88704			534	91051	02	+	id	do	ro	
	Cardington	559	31002	48101	21805	35500	05802	83620			559	81306	32101	19507	855//	06611	88620			559	95041	51	+	ir	ro	ro	
	Wittering	462	31707	20101	21105	36200	04803	83704			462	81609	07461	19206	860//	06708	88700			462	92041	02	+	ff	do	ro	
	Watnall	354	81807	48212	20507	853//	05502	85708	88620		354	81506	48101	18706	862//	05711	88705			354	97051	03	ro	do	ro		
	Shawbury	414	81907	50046	18308	863//	06606	82708	88714		414	81705	56042	17107	863//	05706	83708	88710			414	00071	06	+	+		
	Finningley	360	81810	56042	20007	854//	06703	88616			360	81709	37102	18805	854//	05804	84614	88650			360	97051	02	+	ro		
	Kilnsea	396	81818	58022	21406	8097/	05400	88360			396	41820	58011	19505	40970	05708	84360			396	00050		+	+			
	Leeming	257	81705	48106	18907	854//	06803	88612			257	81611	32042	17506	858//	05705	88657			257	91051	04	do	ro	+		
	Tynemouth	262	82006	58021	18606	8092/	05801	88458			262	81913	58022	16607	8092/	06607	88458			262	00051	02	+	+			
	Carlisle	222	71612	58042	16308	756//	05703	83635	87647		222	81705	56212	15308	854//	06602	82715	88629			222	97071	04	+	ro		
	Valley	302	81725	66602	14910	855//	08708	82624	88630		302	81620	66036	14009	854//	06804	88617			302	96091	07	ir	ro	+		
	Ringway	334	81610	56046	18608	863//	06705	84708	88710		334	71406	60012	17607	754//	04604	85712	87650			334	97061	05	ro	+		
	Squires Gate	318	81513	50041	17207	857//	07807	88656			318	71309	60036	16507	5547/	05602	85618	86359			318	97061	05	do	ro	do	ro
	Ronaldsway	204	81615	59036	15310	854//	08706	81710	88656		204	81720	61016	14109	854//	07802	82715	83645	88656			204	02091	07	ir	ro	+
	Mull of Galloway	131	81825	66022	12709	856//	07710	88635			131	81828	69502	11509	864//	08706	88718			131	00081						
	Eskdalemuir	162	61803	66026	16205	655//	03803	86625			162	81507	37506	14906	872//	05608	84703	88705			162	01041	01	ir	ro	ro	ro
	Prestwick	135	81913	70605	14109	854//	07702	82619	84638	88645	135	81811	63602	12909	854//	07605	83712	88650			135	01081	07	ir	ro	ir	ro
	Abbotsinch	140	81710	70026	13609	856//	06804	83630	8																		



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

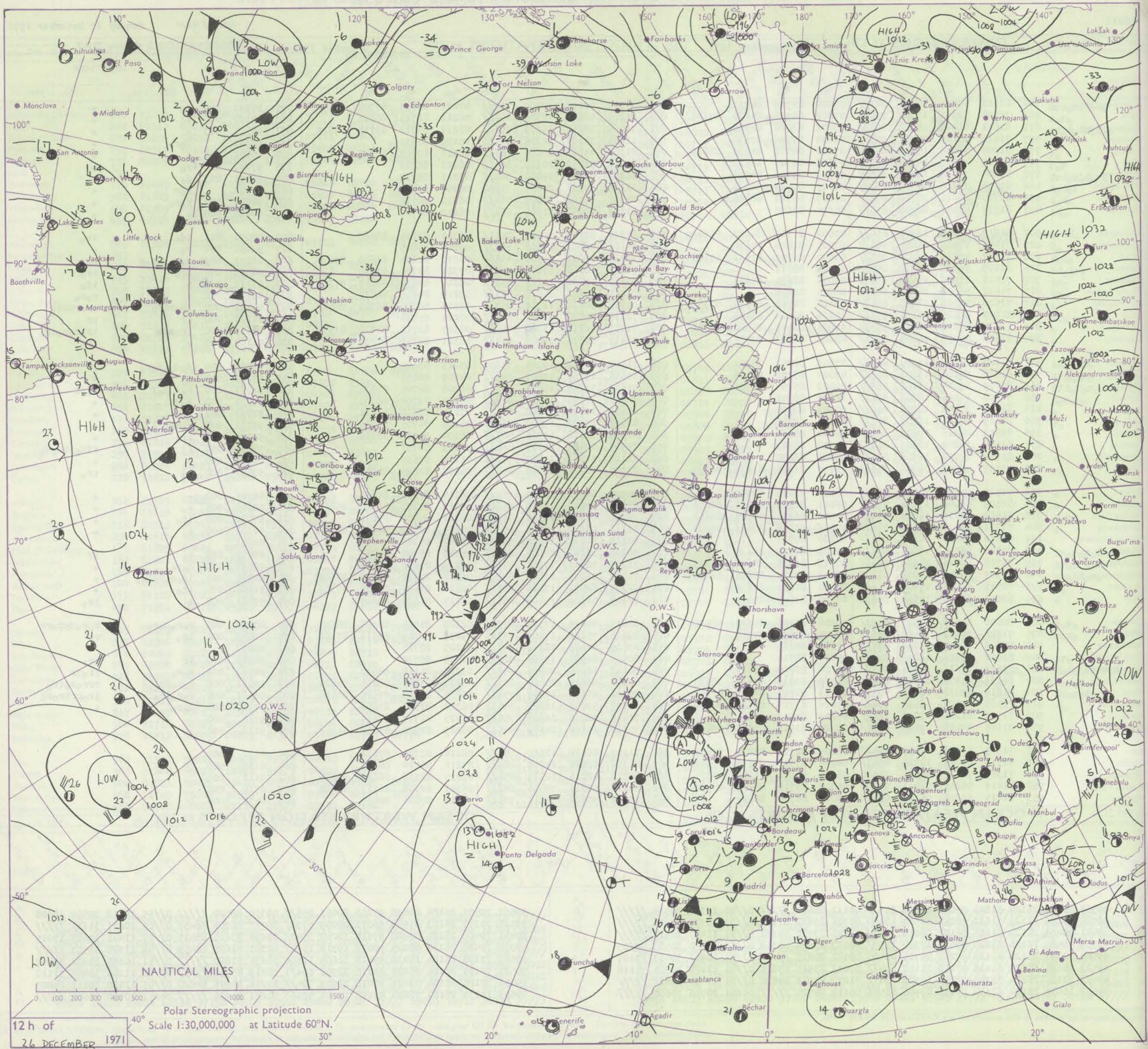
No. 40212

Date of Issue Monday 27 December 1971

OBSERVATIONS at 12h.											OBSERVATIONS at 18h.											OBSERVATIONS during DAY				
26 December 1971											26 December 1971															
Station	iii	Nddff	VVwwVV	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	VVwwVV	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	WEATHER				
																							09h.—15h.	15h.—21h.		
Boscombe Down	746	81611	58055	17508	863//	07400	83709	88712		746	71310	40102	18408	762//	07211	86705	87708		746	97091	000	do	+			
Hurn	862	71608	58032	17709	754//	07802	82712	84620	87640	862	81209	58022	18509	854//	08211	82715	88626		862	00100	000	+	+			
Thorney Island	871	61611	61025	18710	3553//	07802	83620	86358		871	71009	58052	19609	754//	08211	83712	83714	87620	871	00101	013	+	+			
Manston	797	71610	50215	20707	753//	06802	87706	87630		797	11405	34101	21206	15400	05109	81710			797	97081		do ro	+			
Gatwick	776	81508	36056	19508	853//	07602	82707	86710	88615	776	81306	45052	20108	863//	06311	83707	88708		776	00091	000	+	+			
Kew	775	81505	48216	19309	853//	07602	86707	88612		775	81504	58052	20108	864//	06211	88710			775	97091	010	ir o	+			
Heathrow	772	81608	35206	19008	863//	07801	83706	88708		772	81307	56025	19808	864//	07211	88712			772	97091	007	do	+			
Honington	586	81408	37216	19906	852//	05805	87703	88620		586	31306	37051	20507	35600	06207	83640			586	92071		ro r	+			
Wattisham	590	81710	28616	20306	871//	05805	86702	88704		590	81407	37106	21007	864//	06212	88712			590	92071	000	ro ro	+			
Gorleston	497	81717	57052	20907	855//	05604	88625			497	81603	40052	21407	864//	06212	88712			497	00070	000	+	+			
Aberporth	502	61413	58055	13709	654//	07002	81713	84622	85645	502	81214	59212	14609	2561//	06311	82645	88465		502	97091	011	id o	ir o			
Ross-on-Wye	627	71407	57026	15909	785//	07805	81820	87630		627	61106	48051	17508	655//	07109	86625			627	91091	002	ro	+			
Filton	628	71507	58215	16809	753//	07000	81707	83712	87625	628	71310	59021	17508	45532	06210	81625	83640	87075	628	01091	009	do do do ro r	ro			
Rhoose	715	81109	56036	16008	854//	07000	88612			715	71015	50042	17008	752//	07314	81704	87640		715	92091	002	ir o	ir o			
Chivenor	707	71411	61026	14410	65631	07000	82635	85644		707	71212	59502	14711	6563//	08210	82635	86643	87360	707	97111	006	+	id o			
Mount Batten	827	71512	56026	14411	68401	08805	85818			827	81214	48616	15010	853//	09214	84708	88614		827	03111	012	+	ro ro			
St. Mawgan	817	71620	59022	12410	6843//	08806	84711	83634	87359	817	81716	50636	12710	853//	09313	84707	86709	88618	817	08111	000	ir o ro ro	irrrRRir			
Scilly	804	81822	48626	10111	5542//	10400	85614	88458		804	72110	69028	11110	5847//	07221	85714			804	01111	000	ir	pr			
Culdrose	809	71617	60022	12511	55430	09801	82710	85620	87359	809	71809	66216	11909	4545//	08307	82710	84630	87359	809	03112	000	ir o	ir o ro ro ir o			
Guernsey	894	81618	50052	16609	862//	08803	84703	87704		894	71417	60216	17009	754//	08311	86710	87630		894	01101	000	+	ir o			
Elmdon	534	81407	14516	17907	860//	07803	82701	88702		534	31003	20116	19005	35600	05213	83645			534	97081	000	do do—do ro	FF			
Cardington	559	81406	28106	19107	863//	07000	83706	88708		559	81505	19105	19807	856//	07109	88635			559	97081	000	do	+			
Wittering	462	81709	23106	19106	862//	05002	85703	88704		462	71603	19285	19606	752//	06208	82705	87631		462	91071	000	ro do do f	do ff			
Watnall	354	81508	14506	18807	861//	06500	88702			354	81603	17105	19407	862//	06211	83704	88705		354	97071	000	do do	+			
Shawbury	414	81305	35042	16908	862//	07001	88704			414	81605	37035	18408	854//	07214	86710	88614		414	97091	001	do	+			
Finningley	360	81609	14286	18707	873//	07000	88706			360	81607	18102	19507	862//	06108	84705	88707		360	97071	000	ro do f	+			
Kilnsea	396	81813	48216	19606	864//	05000	88710			396	81808	32106	19906	5632//	06105	85708	88460		396	92080	000	ir o	+			
Leeming	257	81607	18042	18607	862//	05002	88703			257	81705	02445	19307	860//	06209	88701			257	97071	000	f	ff do FF do do			
Tynemouth	262	81910	24052	18306	856//	05205	88630			262	72110	32052	19107	756//	06209	87635			262	00071	000	+	+			
Carlisle	222	71505	48042	16908	755//	05107	81620	83635	86650	222	81005	40216	18307	856//	06208	82635	88656		222	97091	000	ro	ir o			
Valley	302	71515	74031	14510	754//	06104	81616	87645		302	70908	62022	16209	755//	06214	81620	87645		302	00101	002	+	+			
Ringway	334	81509	50042	17508	852//	06801	81705	86706	88650	334	61107	50042	18508	65300	06210	81707	83620	85650	334	00081	000	+	+			
Squires Gate	318	81414	40216	16808	852//	07500	86705	84615	88650	318	71308	45046	18108	753//	08211	85708	87650		318	97080	000	ir o	+			
Ronaldsway	204	71211	63012	15409	754/2	07105	81712	87656	86073	204	81111	56042	17409	6533//	07215	82707	86632	88360	204	00101	000	+	+			
Mull of Galloway	131	81810	79022	14909	864//	07220	88715			131	61810	81012	16309	50931	08212	85365			131	00101						
Eskdalemuir	162	80000	48055	17306	854//	05209	86715	88635		162	80000	56102	18905	863//	05313	85708	88711		162	00071	000	+	ff			
Prestwick	135	71708	59026	15509	6542//	07113	81714	84628	86635	135	71305	58041	17906	756//	06219	83630	87642		135	92091	000	do ro	+			
Abbotsinch	140	81507	57046	15209	6547//	07213	82713	85628	88459	140	71202	56046	17908	6547//	06218	82712	84620	86640	140	01091	000	id o ro ro ir o	+			
Leuchars	171	72511	64216	15709	756//	07210	81630	87650		171	72205	62022	17808	3553//	06114	81624	83630	87359	171	91101	000	ir o	+			
Dyce	091	62009	60052	15508	35632	06107	83635	85072		091	72104	58606	17408	6567//	07215	81630	86647		091	97081	000	+	ir o			
Lerwick	005	80000	59616	13407	4532//	06206	81708	84620	88550	005	83613	40636	17303	852//	02328	81704	84708	88621	005	08072	000	ro ro do ro	ro ro do ro rr			
Wick	075	71806	70022	13408	756/2	07210	83635	87645		075																

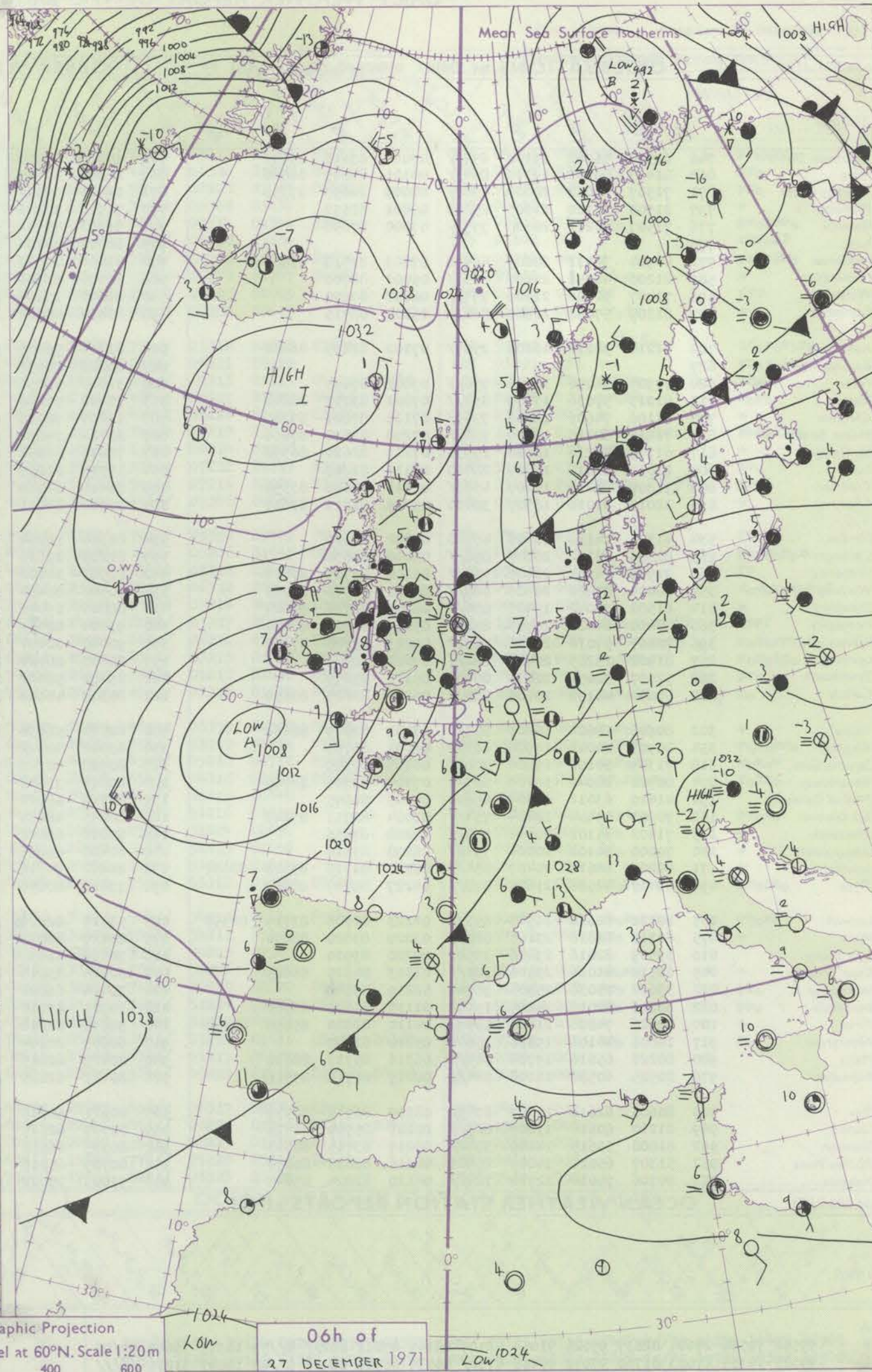
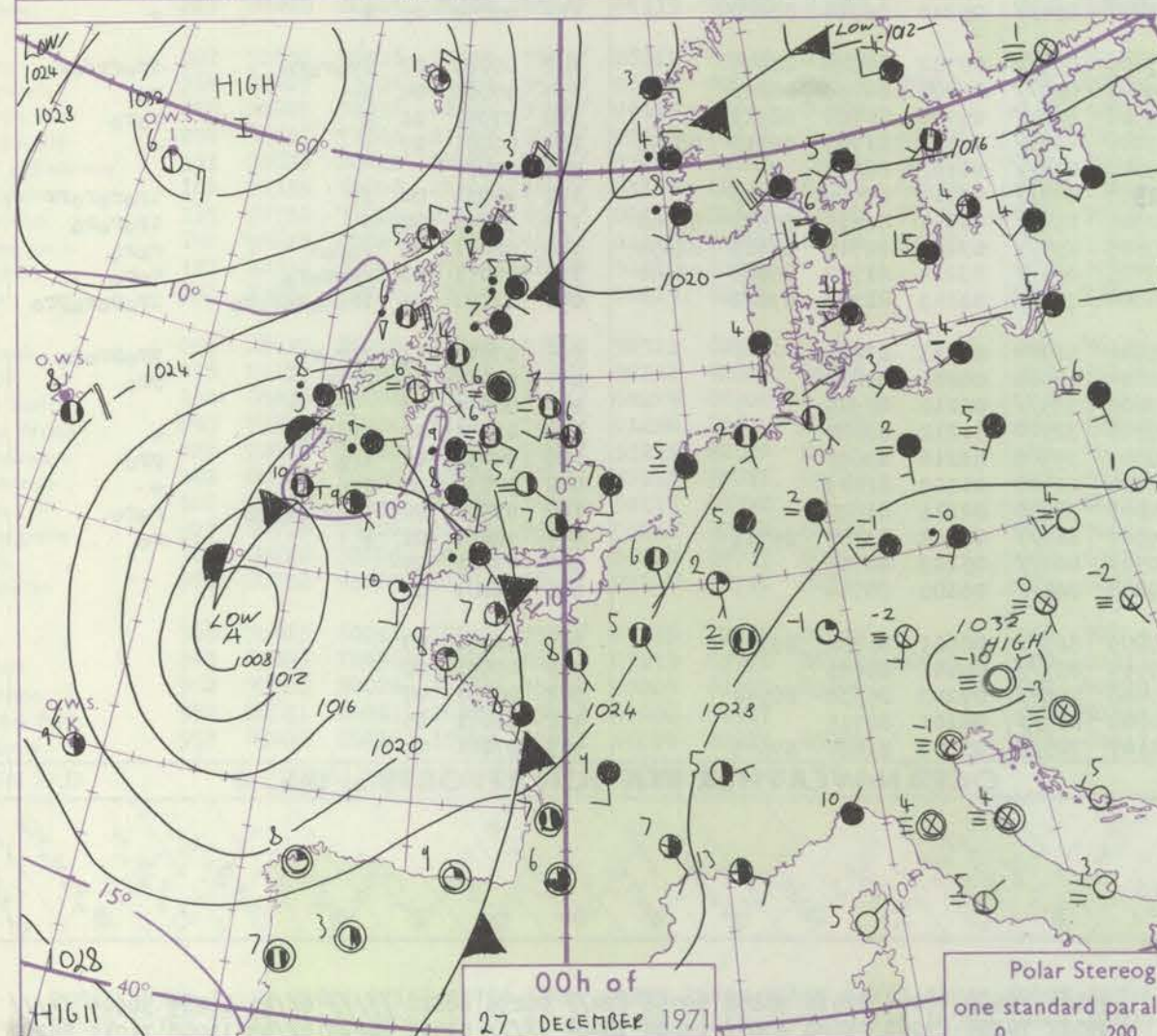
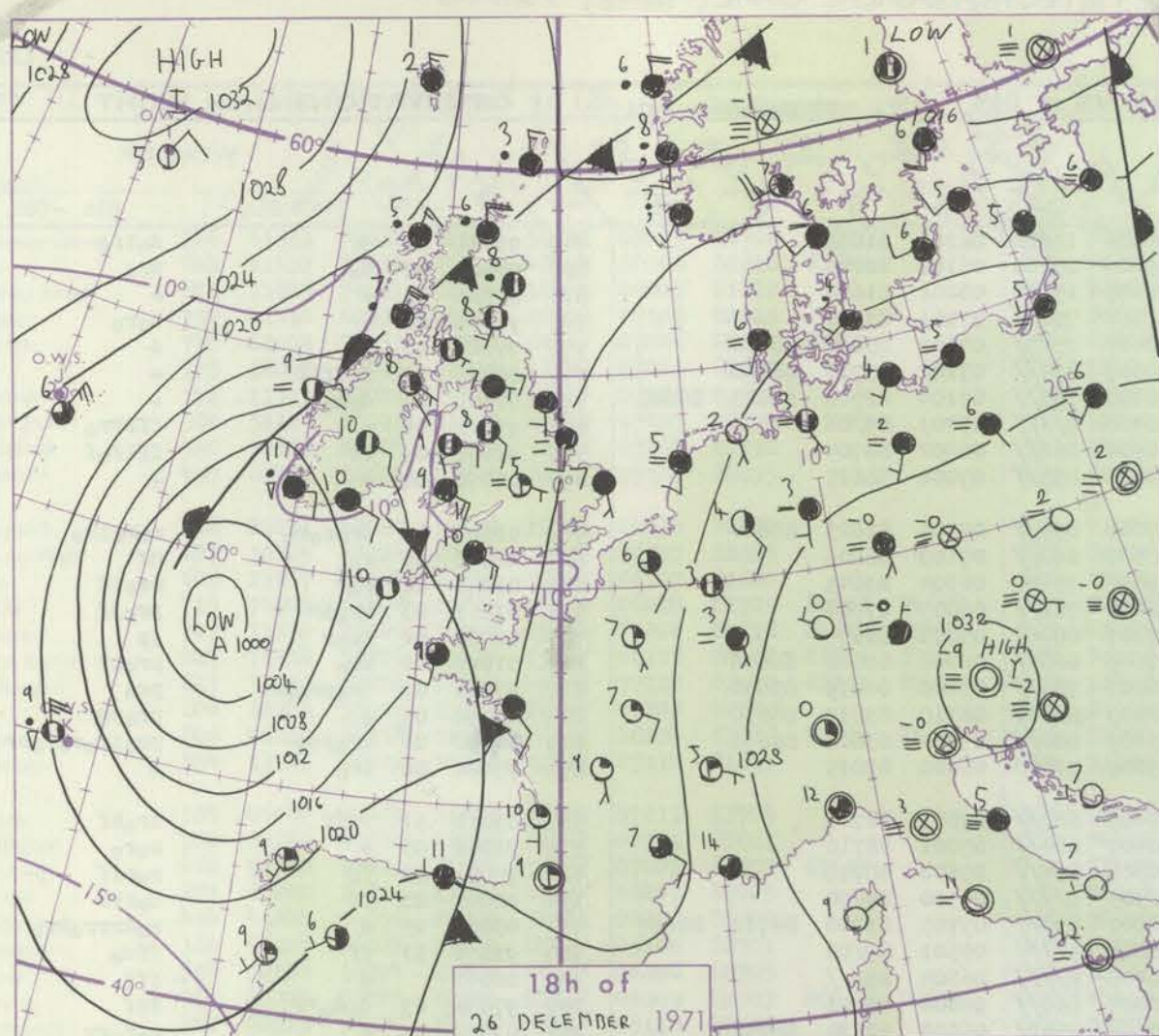


## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The depression to the southwest of Ireland has moved slowly southeast and has begun to fill while its associated cold trough has swung northeast across southern districts of England. An anticyclone has developed to the south of Iceland and has moved towards Scotland. The trailing cold front associated with the depression in

the Norwegian Sea has moved southwards over Scotland and northern England and is expected to move further south over the remainder of England. During the next 24 hours a cool northeasterly airflow is expected to become established over most districts of the British Isles.

Issued at midday Monday 27 December 1971



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

OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
27 December 1971										27 December 1971																			



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

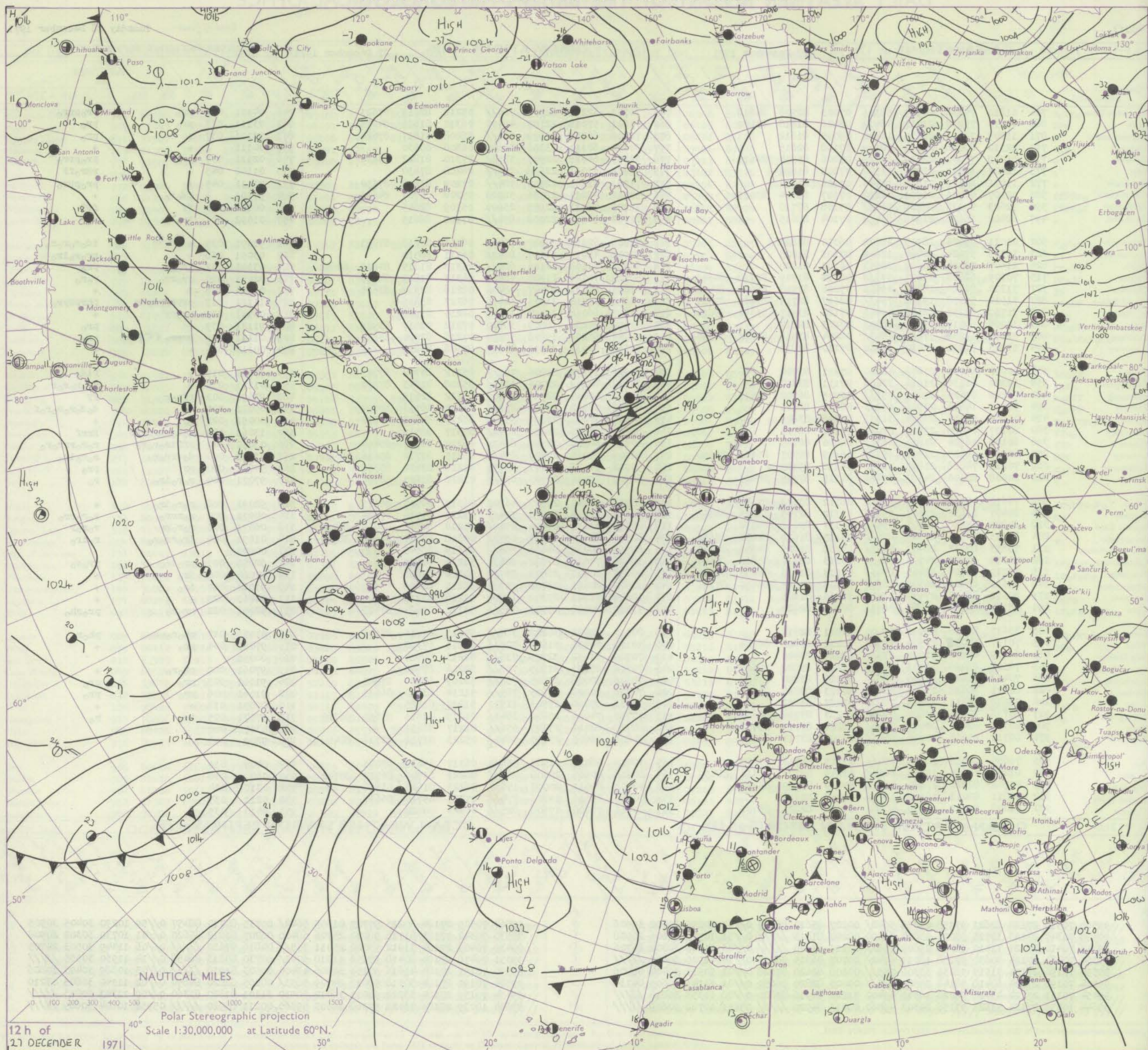
No. 40213

Date of Issue Tuesday 28 December 1971

Code FM II.D	OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
	27 December 1971										27 December 1971														
Station	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	Nddff	VVwwWW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>h</sub> X <sub>h</sub> F <sub>h</sub>	SS <sub>h</sub>	WEATHER			
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	61810	74038	20909	58301	07003	82708	84818		746	70703	62258	22305	784//	05212	82818	87623		746	04101	029	pro		proprro	
Hurn	862	41610	75038	21411	48400	08006	81818	83640		862	40601	57018	22107	48400	06310	81818	84625		862	03111	027	pro		pro	
Thorney Island	871	11809	74011	22110	18400	09005	81812			871	72106	66251	22609	784//	08208	81817	87624		871	97111	037	+		pro	
Manston	797	22310	80036	22810	28400	07108	82815			797	30000	60111	23306	35600	06308	83630			797	00111		+		+	
Gatwick	776	62009	75031	22410	644//	07006	85814	86621		776	62305	66028	22907	3853//	07310	81822	83630		776	02111	037	pro		proprro	
Kew	775	12007	62011	22010	12500	07205	81820			775	71802	61031	22608	756//	06208	87630			775	01102	045	+		rRrRrF	
Heathrow	772	11911	62021	21810	12400	07106	81812			772	71703	61251	22409	784//	07209	83818	87650		772	01111	045	+		proPRro	
Honington	586	52107	48016	21809	46202	07107	83704	83075		586	52702	48011	22406	58300	05208	82707	84635		586	97101		fdrro		+	
Wattisham	590	72609	40026	22209	764//	07108	87710			590	22705	48111	22905	25600	05109	82645			590	00101	020	ff		fff	
Gorleston	497	82402	16626	21908	854//	07104	88615			497	82602	14052	22008	854//	07102	88615			497	01092	001	ir <sub>o</sub> ir		+	
Aberporth	502	21011	69026	18709	28502	06010	81820			502	71005	62215	20207	754//	06312	82618	87633		502	91091	039	idoro		idoro <sub>o</sub> ro <sub>o</sub>	
Ross-on-Wye	627	10305	57024	20407	18502	07103	81825			627	80902	48616	21407	8042/	06111	88510			627	03091	038	+		rrro <sub>o</sub> ro <sub>o</sub> ir <sub>o</sub>	
Filton	628	21607	72024	20609	28563	06107	81820			628	60000	40108	22106	684//	05313	81815	84622	86640	628	03101	032	propr		pro <sub>o</sub>	
Rhoose	715	70909	62808	19807	593/2	06004	81709	82918	84645	715	50902	70028	21706	48401	06317	81817	84645		715	02091	010	prorrro		ro <sub>o</sub> ro	
Chivenor	707	71310	80026	18408	49472	07206	81918	84642	85459	707	41006	69031	20707	48402	06216	82819	83630		707	01091	006	r		+	
Mount Batten	827	71912	59278	19110	794//	08117	82712	83816	87922	827	31303	59018	21306	32400	06217	83815			827	11121	017	proprroprphr		phrprpro	
St. Mawgan	817	71710	62258	18108	49463	07120	83917	83360	85070	817	11707	66018	20407	19400	06214	81918			817	03101	019	propr		+	
Scilly	804	32209	59018	17011	28402	07223	82817			804	31604	74020	18809	39400	07212	81817	83925		804	91121	039	+		pro	
Culdrose	809	72210	69258	17610	4843/	08224	83818	83620	86360	809	50000	66258	19808	59500	07216	82920	83830		809	01111	025	pro	pro	pro	
Guernsey	894	11915	81021	21010	11430	07110	81814			894	51712	80031	21910	4563/	07308	84630			894	00110	066	+		+	
Elmdon	534	40000	40056	21608	48200	07211	83704			534	70506	17101	22806	761//	05312	85702	87703		534	97091	017	+		fido	
Cardington	559	32306	61036	21910	32400	07111	83817			559	70802	48108	22706	1563/	05208	81645	87360		559	01111	035	+		pro <sub>o</sub> ro <sub>o</sub> ro <sub>o</sub> r	
Wittering	462	71202	07426	21407	751//	07005	86702	87615		462	23607	40044	22707	25400	05112	82615			462	93091	003	ffror		ff	
Watnall	354	80402	14216	21906	872//	06007	88705			354	80202	08512	23706	872//	06312	86703	88704		354	05071	000	rr		do do ro ro ro of	
Shawbury	414	41605	58056	20909	31331	06108	83809			414	50909	37041	22807	55500	05214	84622	83630		414	00091	023	+		+	
Finningley	360	80107	06585	21905	870//	05106	88701			360	80207	61636	24006	8042/	05317	88519			360	13061	000	do do ro rrrRff		Rrrf	
Kilnsea	396	80108	16104	21806	862//	06206	88705			396	80618	66616	22907	6642/	06210	86710	88460		396	03072	000	Rffir <sub>o</sub> ro <sub>o</sub> ro		ro <sub>o</sub> ro rrrro <sub>o</sub> ro	
Leeming	257	80310	56605	22907	853//	06109	85707	86618	88650	257	80409	69216	25806	854//	03215	81712	85616	88621	257	01071	000	do rrrro <sub>o</sub> ro		ro <sub>o</sub> roir <sub>o</sub>	
Tynemouth	262	70223	74028	23807	5363/	05118	85930			262	50222	74028	26407	35630	01218	83630	85358		262	94071	000	pr		pro	
Carlisle	222	80608	80606	24307	854//	04115	83715	88623		222	60507	75016	26705	655//	01218	81620	86656		222	97071	000	ro <sub>o</sub> roir <sub>o</sub>		ro	
Valley	302	70610	48216	20409	754//	08112	83618	87630		302	60720	58042	22507	46302	06319	84707	86075		302	92091	008	ro <sub>o</sub> roir <sub>o</sub>		+	
Ringway	334	80407	19636	21707	5522/	06112	81705	85615	88545	334	70510	62016	23806	754//	03217	84714	87626		334	04071	000	ro rrrro		ro <sub>o</sub> ro rrrro	
Squires Gate	318	80807	32636	22207	3542/	06117	83618	88530		318	80710	62636	24406	4542/	05218	82712	83635	88458	318	06071	000	ro <sub>o</sub> ro rrr		ro <sub>o</sub> ro r	
Ronaldsway	204	80515	72616	21907	854//	05115	81616	84624	88636	204	80515	62606	24607	6547/	04318	82715	86620	88460	204	01091	000	ir <sub>o</sub> rrro <sub>o</sub> ro		roir <sub>o</sub>	
Mull of Galloway	131	70833	80012	22407	4853/	03218	81825	84640	87362	131	80731	80032	24606	856//	01319	88645			131	00070					
Eskdalemuir	162	70315	62806	24705	784//	03313	82710	85818	86634	162	13606	74018	27802	12430	51216	81819			162	92051	001	proir <sub>o</sub>		proso	
Prestwick	135	70719	76026	25405	6543/	00113	8																		



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

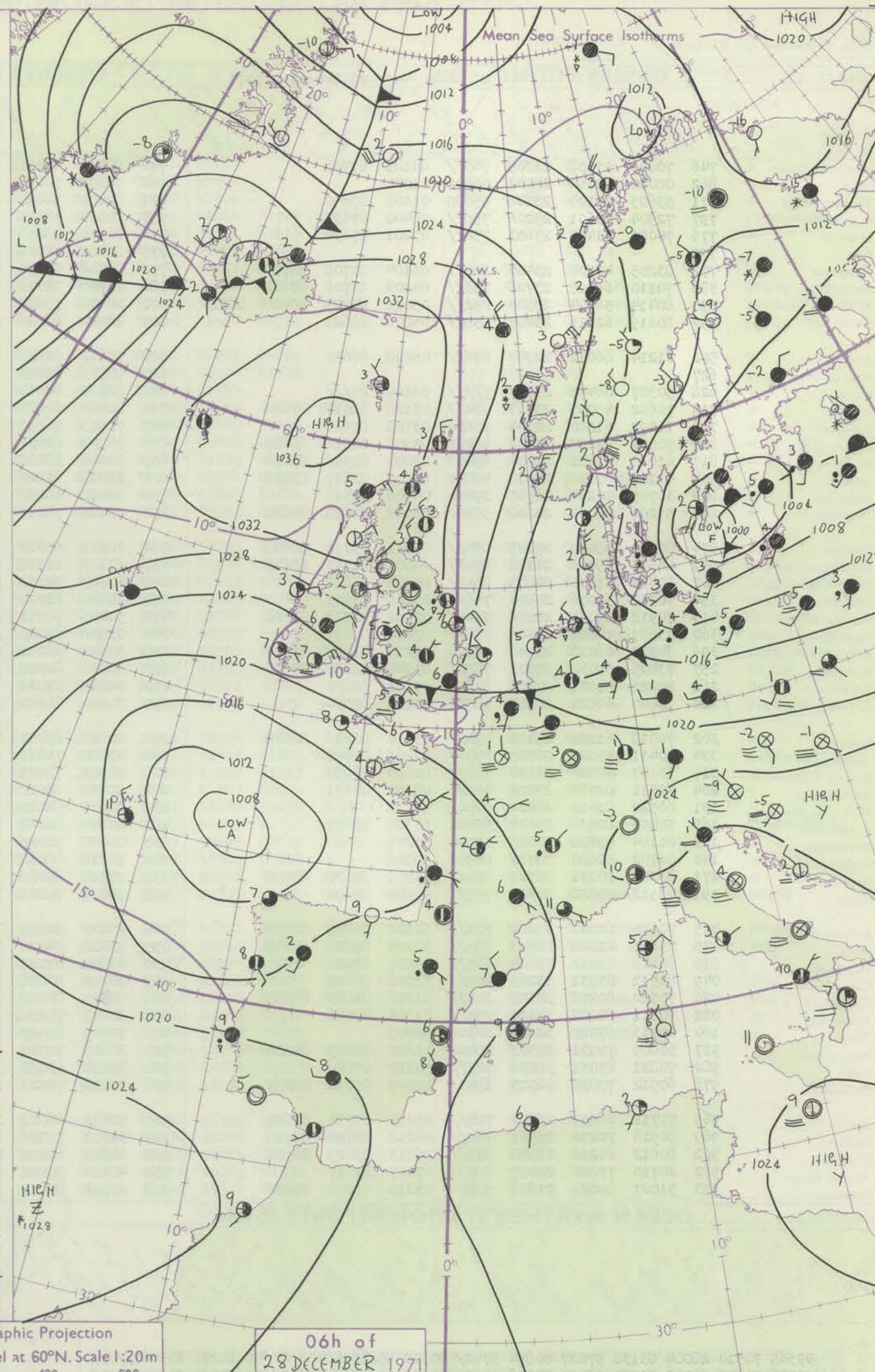
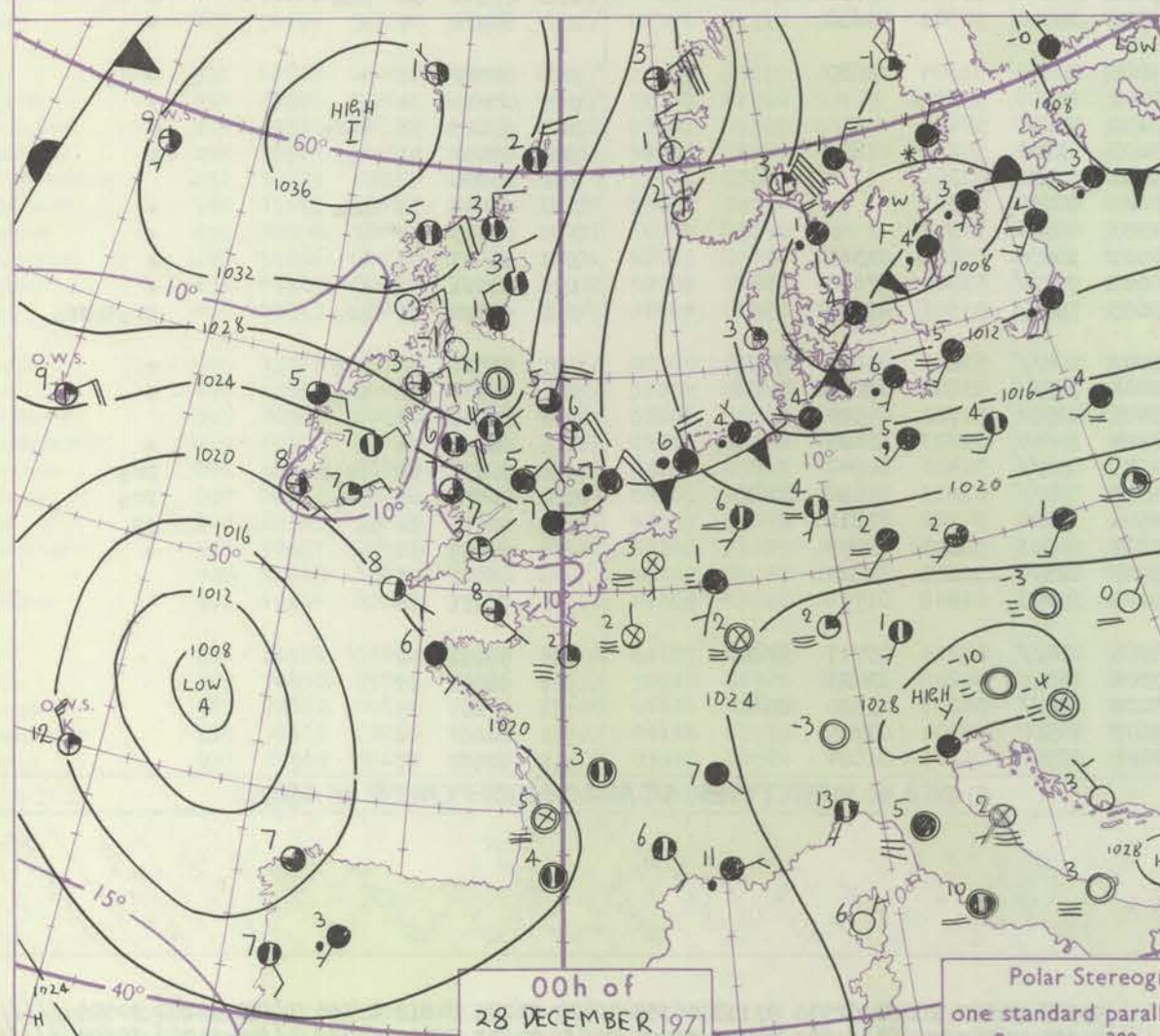
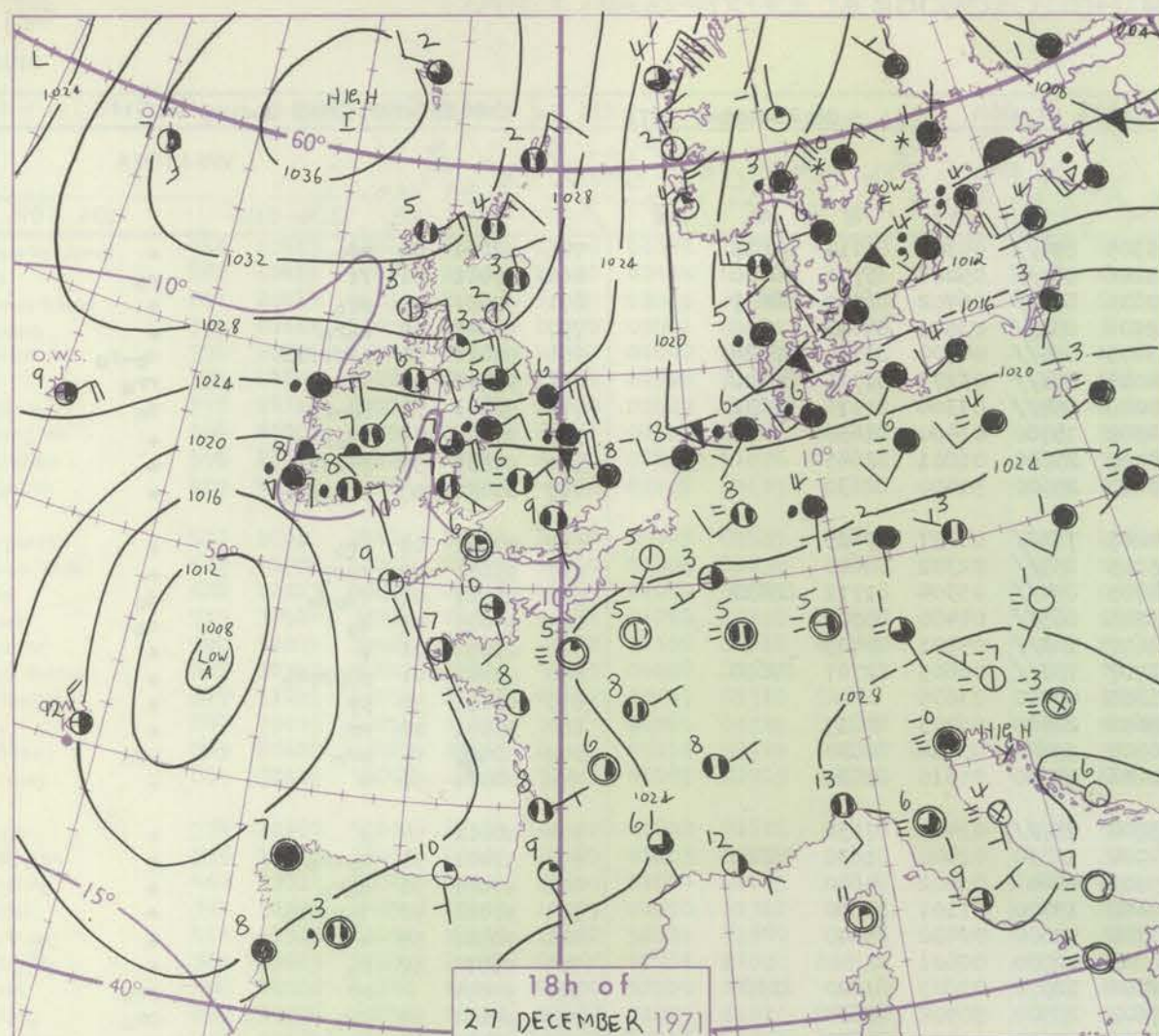


12h of  
27 DECEMBER 1971

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 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The anticyclone which has been almost stationary between Iceland and Scotland is now expected to move south, to be centred west of the Hebrides by tomorrow morning. Meanwhile the almost stationary depression some 300 miles southwest of the British Isles is expected to move away south into northern Spain. An associated trough of

low pressure across southern counties of England will also move away south, so that the cold and unstable north to northeast gradient, now already into Scotland, Northern Ireland and northern England, will spread into remaining parts of the British Isles during the course of today.

Issued at midday Tuesday 28 December 1971



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



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

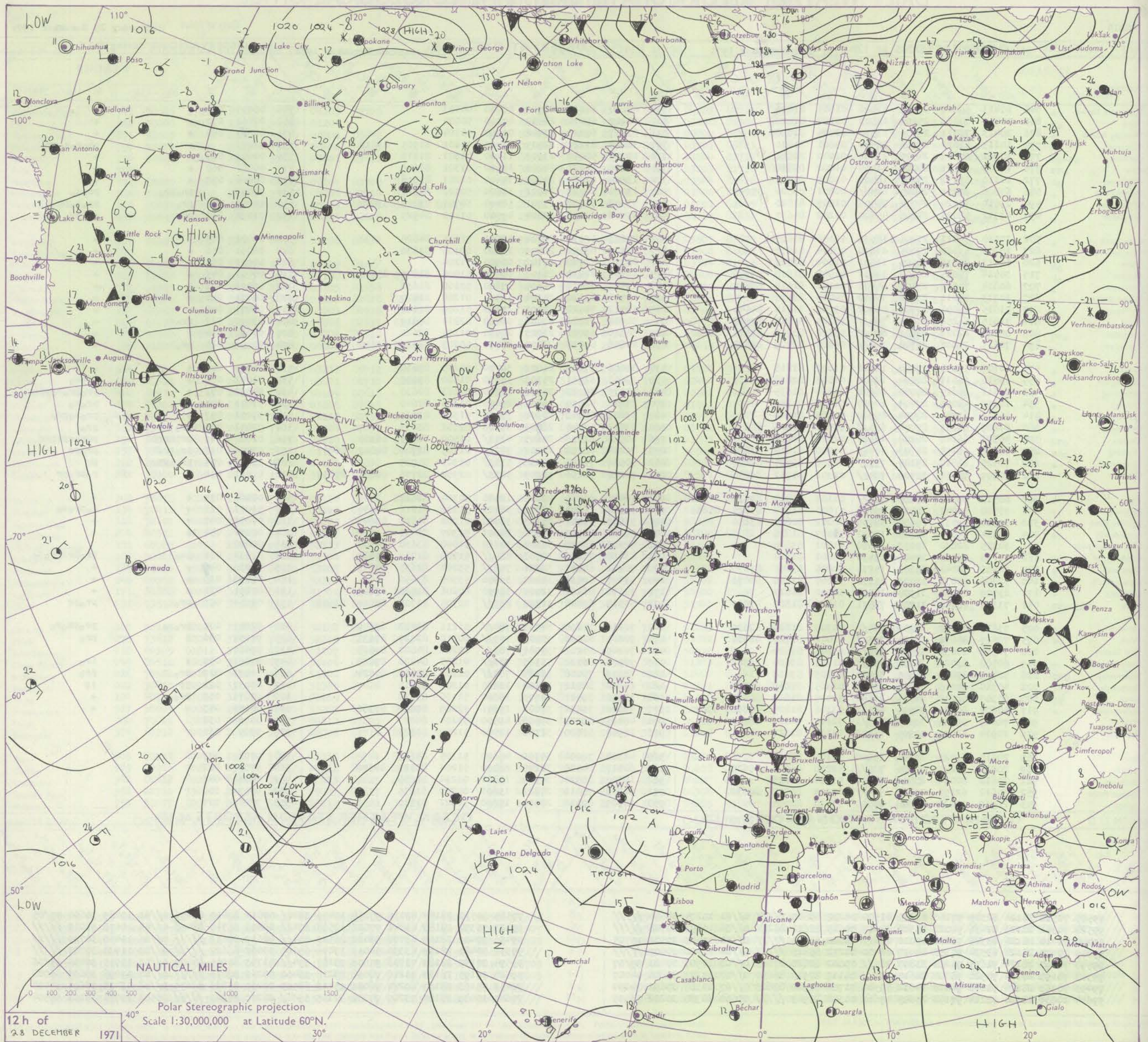
No. 40214

Date of Issue Wednesday 29 December 1971

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		28 December 1971										28 December 1971																			
Station	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>L</sub> M <sub>h</sub> CH	T <sub>d</sub> T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>L</sub> M <sub>h</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	RRTT <sub>E</sub>	SSS	WEATHER									
																						09h.—15h.	15h.—21h.								
Boscombe Down	746	10413	66011	25405	11400	01005	81816			746	00210	64010	24902	00900	00103				746	00053	054	+		+							
Hurn	862	10411	70016	25106	18500	02104	81822			862	00109	65010	24502	00900	50004				862	00061	050	+		+							
Thorney Island	871	20413	78011	24506	11530	02005	81828			871	03607	66020	23902	00900	50104				871	00071	060	+		+							
Manston	797	10113	81021	23706	18500	03801	81820			797	30215	81021	22505	33400	01801	81915	83818		797	91071		+		pho <sub>ro</sub> so <sub>pro</sub>							
Gatwick	776	10211	67021	24506	11400	01000	81815			776	10209	58050	23903	11400	01301	81818			776	00061	067	+		+							
Kew	775	10107	74021	25005	11400	01000	81818			775	13606	64021	24203	14600	01301	81640			775	00061	062	+		+							
Heathrow	772	10110	67031	25205	18400	01003	81815			772	13609	62020	24203	14400	01201	81618			772	00061	057	+		+							
Honington	586	63308	80151	24805	685//	00801	83820	85645		586	13410	80028	23902	18500	50102	81825			586	91053		pho <sub>pro</sub>		pro <sub>so</sub>							
Wattisham	590	23510	74020	24704	28500	01803	81820			590	53408	50838	23701	58400	50701	83815	83640		590	95055	053	pro <sub>ro</sub>		pro <sub>so</sub> ps							
Gorleston	497	43312	58021	24205	45600	01202	84637			497	43416	60278	22804	49500	01400	84925			497	01071	031	phr		phrpr							
Aberporth	502	10510	74011	27205	18530	52108	81825			502	40613	69030	27504	42501	51205	84825			502	00051	049	+		+							
Ross-on-Wye	627	10308	63020	27005	11600	00104	81830			627	10107	48051	26503	15600	00308	81630			627	00051	056	+		+							
Filton	628	10313	70031	26504	11501	01004	81825			628	00310	58040	26102	00900	51204				628	00051	060	+		+							
Rhoose	715	30514	75035	26304	11431	01008	81818	83359		715	50309	62031	26103	58400	51006	81815	85650		715	00051	049	+		+							
Chivenor	707	60814	74021	25107	65400	01108	81618	86645		707	10512	74011	25605	15600	50108	81630			707	00071	031	+		+							
Mount Batten	827	30713	74011	23906	35600	04008	83630			827	10510	69020	24104	18500	01208	81820			827	00071	040	+		+							
St. Mawgan	817	51015	59051	23706	45402	03007	81710	84640		817	10512	74021	24603	15600	51209	81640			817	00071	045	+		+							
Scilly	804	71015	66258	21608	794//	06105	84715	87918		804	50914	81012	23006	58400	02214	84819			804	93090	012	pro		+							
Culdrose	809	80618	62022	22707	854//	05116	83710	85615	88620	809	30310	69021	23003	25530	01204	82620			809	00070	004	+		+							
Guernsey	894	70615	74008	21708	723//	06005	82709	86812		894	40616	80018	21206	48500	00303	82820	83640		894	91091	014	pro		+							
Elmdon	534	10107	59031	27004	18401	01802	81818			534	33606	57041	26802	38400	50205	83814			534	00051	057	+		+							
Cardington	559	13510	66011	26004	18400	01803	81818			559	33611	62021	25103	35600	01500	83645			559	01052	050	+		prpr <sub>ro</sub>							
Wittering	462	13611	78020	26004	15600	01804	81635			462	23512	78028	25503	25600	01103	82630			462	94051	052	+		pro <sub>pro</sub> so <sub>pro</sub> s							
Watnall	354	10110	48050	27404	10939	01000	81362			354	23608	48050	26802	25600	01303	82640			354	97041	044	+		pro <sub>so</sub>							
Shawbury	414	10313	61041	20404	15600	50104	81640			414	33608	50041	28302	35600	51306	83630			414	97051	057	+		pro <sub>so</sub> ps <sub>so</sub>							
Finningley	360	63609	64251	27704	685//	02701	81820	86650		360	33411	57048	26903	35600	02302	83635			360	97051	034	pro		pro							
Kilnsea	396	40322	66148	26208	43600	02104	84930			396	60520	61838	24605	43577	01500	84925	86360		396	02062	040	prphrp <sub>R</sub>		prphrp <sub>R</sub> phr							
Leeming	257	63306	66258	28703	4846//	01000	81810	83820		257	70214	62258	28202	782//	01105	82704	84822	86657	257	03041	013	pro <sub>pro</sub> s		pro <sub>pro</sub>							
Tynemouth	262	70525	61818	29104	735//	02206	85925	87630		262	50526	74028	28406	535//	01301	85925			262	03061	004	prphphr		pr							
Carlisle	222	70209	75031	30703	784//	02301	81712	86640		222	70210	58256	30203	5833//	02302	82708	84635	85359	222	01051	018	+		ro <sub>pro</sub> pr							
Valley	302	60512	80011	29406	685//	01107	85820	83635		302	10412	82011	29205	12500	50304	81822			302	00061	039	+		+							
Ringway	334	73508	50041	28504	754//	51000	81714	83625	85645	334	33508	56041	28103	38400	51302	81816	83630		334	91051	020	+		ro <sub>pro</sub> so							
Squires Gate	318	30310	62031	29604	38500	02002	81825	83650		318	33607	57041	29303	38400	01202	81818	83645		318	00051	047	+		+							
Ronaldsway	204	10514	84020	30805	18501	50007	81828			204	20206	86030	30802	28601	51307	81830			204	00051	058	+		+							
Mull of Galloway	131	30225	82030	31103	31600	51001	83840			131	40226	82020	30603	34660	51000	83630	84360		131	00050											
Eskdalemuir	162	10115	78018	30403	18430	53802	81714			162	63614	78011	30403	684//	51500	81713	85633		162	01031	036	ps <sub>o</sub>		pro <sub>pro</sub> s <sub>pro</sub> so							
Prestwick	135	60406	58041	33102	35731	54005	83650	83070		135	70102	65031	32601	756//	53204	82635	87645		135	00033	049	+		+							
Abbotsinch	140	52806	84031	33003	15731	52005	81650	85070		140	33507	86031	32402	35740	53305	83650			140	00053	039	+		+							
Leuchars	171	23509	80011	31904	18502	50000	81820			171	33610	86021	32003	38500	00206	81820	83645		171	00051	028	+		+							
Dyce	091	73313																													



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

Station  
tools

JD  
Cloud  
Symount  
(ktas)

0  
1 or less

2

3

4

5

6

7 or more

8

Obscured

or

data.

HER

Symweather

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

Code FM I.L.D.		OBSERVATIONS at 00h.								29 December 1971		OBSERVATIONS at 06h.								29 December 1971		OBSERVATIONS during NIGHT							
Station	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	ill	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>h</sub> C <sub>h</sub> H	T <sub>d</sub> app	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	8N <sub>5</sub> Ch <sub>5</sub> h <sub>5</sub>	ill	RRT <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER							
																						21h.—03h.	03h.—09h.						
Boscombe Down	746	60213	59051	24502	61300	50802	83707	84810		746	00213	62021	24350	00900	52603				746	00513	53	+	+						
Hurn	862	13609	70020	24201	15500	50802	81620			862	00210	75020	23800	00900	52803				862	00513	54	+	+						
Thorney Island	871	20112	62030	23501	26400	50001	82713			871	00108	66021	23451	00900	52301				871	00513	55	+	+						
Manston	797	50413	78261	22603	58500	50003	82828	84650		797	60714	64271	22603	634//	51602	82916	83640		797	91011	51	proproso	psophoproso						
Gatwick	776	30212	66030	23401	36400	50702	83712			776	10704	60020	23550	15600	52001	81635			776	00511	56	+	+						
Kew	775									775	10206	70020	24001	15700	52400	81650			775	00003	53	+	+						
Heathrow	772	13612	62020	24102	15400	00400	81615			772	00207	64010	24201	00900	51301				772	00001	55	+	+						
Honington	586	13605	78018	24650	18400	52305	81815			586	50108	74038	24952	58400	53208	82818	84640		586	92536	57	phoproso	psoproso						
Wattisham	590	23507	66028	24651	25600	52207	82640			590	10410	66028	24750	15600	52500	81640			590	94515	55	psoproso	phoproso						
Gorleston	497	30418	62838	24105	33500	51211	83920			497	30325	60018	24304	33500	00102	83925			497	01022	51	prprsr	prsr						
Aberporth	502	40214	74031	28004	42500	51000	84822			502	10611	82011	27702	18400	51301	81818			502	00021	52	+	+						
Ross-on-Wye	627									627	10405	57020	26401	15600	52707	81630			627	00013	53	+	+						
Filton	628	70307	62051	26301	754//	51000	87618			628	10212	66011	26000	15400	51202	81712			628	97505	53	+	phoproso						
Rhoose	715	10210	62021	26602	00901	51000	81075			715	10312	66020	26001	15500	51301	81620			715	00013	52	+	+						
Chivenor	707	20412	62010	25504	25600	51802	82635			707	60609	66031	25603	68500	51501	83823	85630		707	00031	51	+	+						
Mount Batten	827	00509	66020	25103	00900	00301				827	00510	74010	24002	00900	51500				827	00011	51	+	+						
St. Mawgan	817	10418	66030	25802	15600	51104	81640			817	10416	66020	24901	18500	52500	81825			817	00503	53	+	+						
Scilly	804	40916	79030	24605	42400	01204	84819			804	20720	74018	22705	22500	01709	82820			804	92040	03	+	prooproso						
Culdrose	809	10305	62020	24701	15500	50305	81625			809	20315	64020	23701	20930	51607	82360			809	00003	55	+	+						
Guernsey	894	60319	80258	21305	62500	50703	86822			894	70521	80258	19904	785//	52508	86824			894	05001	51	prooproso	prsr						
Elmdon	534	70109	57251	27102	783//	50303	84708	85811 87647		534	70109	59261	26901	784//	52501	81812	87639		534	97005	53	prooproso	psophoproso						
Cardington	559	23608	56108	25501	25600	01002	82640			559	00107	62018	25700	00900	51301				559	92513	53	roso	psoproso						
Wittering	462	73510	64038	26001	756//	51105	87635			462	13611	69018	26201	18400	51302	81815			462	96006	53	proso	psoproso						
Watnall	354	13609	40268	27301	15600	00203	81633			354	80212	56851	27401	2137/	00301	82807	88358		354	95506	53	proso	psoproso						
Shawbury	414	50113	56048	28602	25630	51105	82630	85362		414	03610	40041	28001	00900	51502				414	00513	53	+	+						
Finningley	360	20107	66018	27902	25600	01105	82635			360	60108	62031	28201	656//	50304	86635			360	92003	52	prooproso	psoproso						
Kilnsea	396	40518	66018	26105	33570	51303	83920	84360		396	30825	66011	26706	23570	01801	82920	83360		396	00011	+	+	+						
Leeming	257	70212	56808	29203	782//	01206	82705	84822 86650		257	23406	66018	29201	25700	01301	82650			257	01513	54	prooproso	proso						
Tynemouth	262	60526	81278	29606	635//	01105	86925			262	70820	81258	30105	5357/	02103	85925	87358		262	03041	02	phpr	pr						
Carlisle	222	60206	75018	31302	684//	01303	81713	83820		222	30208	75011	31102	38500	01501	81820			222	96011	53	prooproso	proso						
Valley	302	70314	74031	29906	785//	01001	83820	87645		302	40314	74018	29105	48500	01605	83820			302	97041	02	prooproso	prooproso						
Ringway	334	33306	57258	28703	35400	00002	83618			334	10107	70020	28502	15600	51400	81630			334	97003	53	prooproso	+						
Squires Gate	318	73606	56041	30003	757//	01104	87650			318	40409	60251	29803	48500	01501	82820	83650		318	97021	51	+	prooproso						
Ronaldsway	204	70110	80801	31504	784//	00400	81818	83825 86650		204	10108	84018	31103	18500	00503	81822			204	93031	51	proopr	proopr						
Mull of Galloway	131	40232	82011	31104	34660	51000	83630	84360		131	30229	81030	31504	30970	00606	83360			131	00030									
Eskdalemuir	162	63610	80258	31802	656//	51207	86630			162	60111	74038	31603	694//	01504	83918	83820		162	03011	53	proso	proso						
Prestwick	135	73507	66022	34001	755//	51107	82626	86630 87647		135	60207	75031	33801	655//	51400	81622	86656		135	97503	53	+	iro						
Abbotsinch	140	73109	86021	33903	755//	51305	82626	87630		140	20310	86011	34004	25600	00500	82630			140	00013	51	+	+						
Leuchars	171	60111	80251	33304	68400	01205	81818	85645		171	70214	70808	33603	785//	02303	83820	87640		171	01031	50	prooproso	proopr						
Dyce	091	73616	59808	33803	784//	02205	83710	84816 85630		091	70313	62258	35103	784//	01311	81710	83816 85630		091	01011	51	prooproso	prooproso						
Lerwick																													



# DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

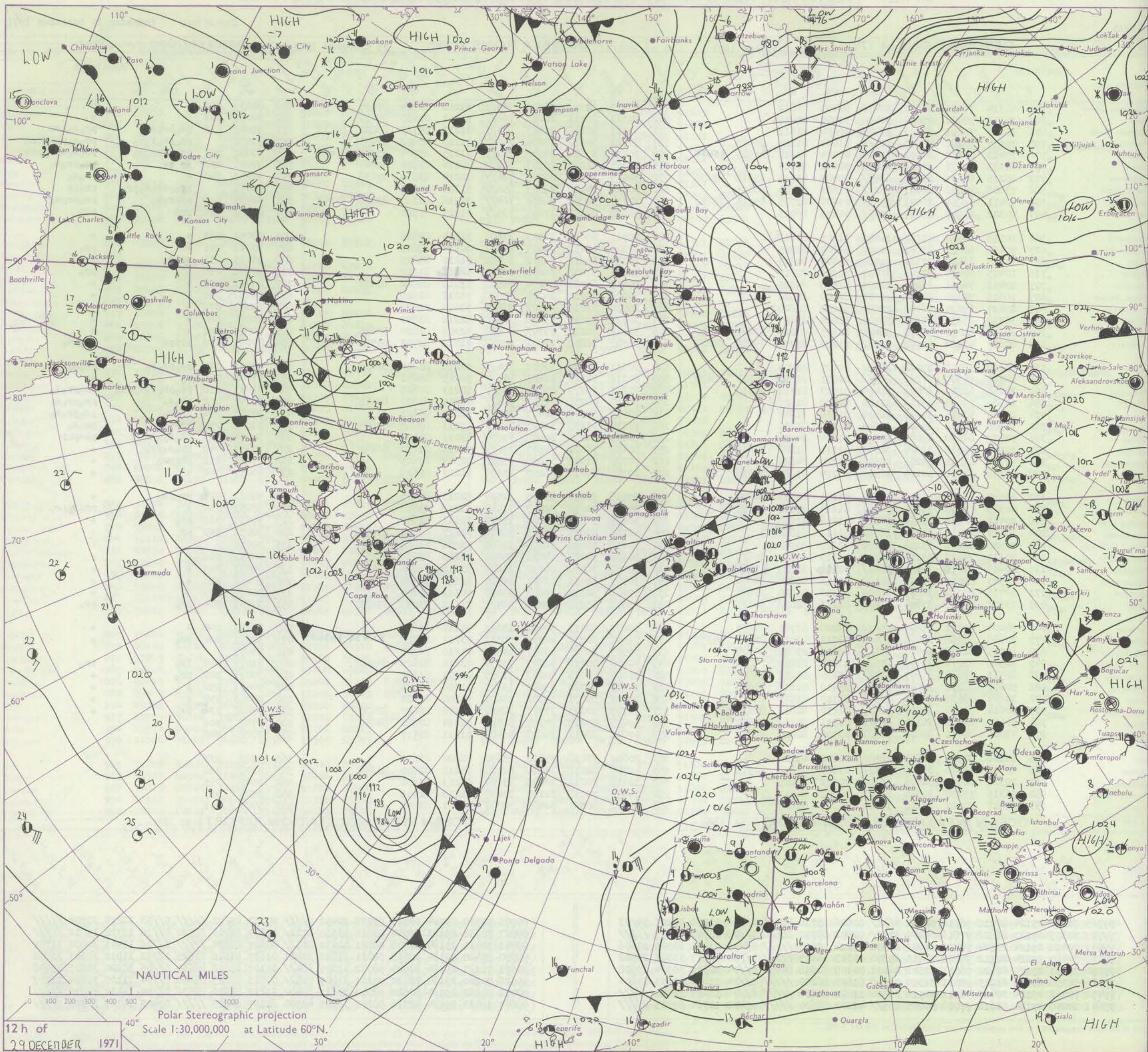
No. 40215

Date of Issue Thursday 30 December 1971

OBSERVATIONS at 12h.											OBSERVATIONS at 18h.											OBSERVATIONS during DAY					
29 December 1971											29 December 1971																
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>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	Nddff	VVwwwW	PPPTT	N <sub>h</sub> Ch <sub>h</sub> Ch <sub>h</sub>	T <sub>d</sub> T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	ill	RRT T E	SSS	WEATHER					
																						09h.—15h.	15h.—21h.				
Boscombe Down	746	60314	74031	25002	60430	51004	86012			746	70413	60021	26702	744//	51211	82714	87634		746	00031	050	+	+				
Hurn	862	30316	70030	25003	30400	51001	82010			862	70313	70031	26003	756//	51311	83630	87650		862	00041	053	+	+				
Thorney Island	871	10417	70261	24203	18400	50000	81811			871	80517	50048	25503	804//	01212	04713	86022	88633	871	91041	032	psopr <sub>o</sub> so	pro <sub>o</sub> pr <sub>s</sub>				
Manston	797	70617	82261	23804	785//	51004	81825	86635		797	70522	80832	25204	785//	51210	83822	87635		797	91051		psoph <sub>o</sub> ro <sub>o</sub> so	pro <sub>o</sub> soph <sub>o</sub> ro <sub>o</sub> so				
Gatwick	776	70413	57268	24902	694/3	00004	83812	81925	85650	776	70410	40838	26002	782//	01215	85704	85708	86810	776	01031	011	psopspr <sub>o</sub> so	pro <sub>o</sub> so-pro <sub>o</sub> pr <sub>s</sub>				
Kew	775	60313	69031	25303	684//	50002	85814			775	70307	61268	26903	784//	00114	82814	87640		775	97041	036	ps <sub>o</sub> pr <sub>o</sub> so	pro <sub>o</sub> so				
Heathrow	772	60215	68031	25403	684//	00002	81713	83818	85630	772	70415	68261	26703	784//	00214	83815	87638		772	97041	040	+	pro <sub>o</sub> so				
Honington	586	73608	40688	26601	752//	01003	85704	86635		586	60214	74028	28303	656//	51215	86635			586	02041		psopr <sub>o</sub> so	pro <sub>o</sub> pr				
Wattisham	590	70411	59858	26401	792//	01006	81705	85915	85640	590	70714	58858	28202	784//	00216	81710	83820	87640	590	02035	018	pspr <sub>o</sub> so	psopr <sub>o</sub> so				
Gorleston	497	60322	60048	26404	694//	00205	86915			497	70328	60258	27805	735//	01213	87920			497	02051	026	pr <sub>s</sub>	pr <sub>s</sub>				
Aberporth	502	10515	80010	29103	18440	51105	81818			502	20517	69020	30903	21401	51214	82818			502	00041	063	+	+				
Ross-on-Wye	627	20414	60021	27003	21500	51804	82825			627	80309	40058	29503	855//	00114	88625			627	97041	041	+	pro				
Filton	628	10315	66028	27102	11400	51000	81815			628	10313	61018	28502	10400	51210	81815			628	97031	051	pro <sub>o</sub> so	jp				
Rhoose	715	10415	67020	27203	18400	51002	81815			715	10414	57058	28602	10400	52114	81818			715	97041	056	+	pro				
Chivenor	707	10418	74021	26205	12500	51805	81825			707	60615	69021	28204	68500	51213	85822	83630		707	00051	049	+	+				
Mount Batten	827	10618	74020	24004	12500	52000	81822			827	20620	74030	26104	25500	51212	82620			827	00051	050	+	+				
St. Mawgan	817	20417	69030	26003	22500	51000	82820			817	20520	69010	27302	28500	53215	81825			817	00041	072	+	+				
Scilly	804	30718	81030	24606	32500	51004	83820			804	30723	79020	25806	32500	52212	83820			804	00060	066	+	+				
Culdrose	809	30317	69030	24303	38500	02105	81820	83625		809	30419	68011	25703	38500	52308	81820	83625		809	00040	070	+	+				
Guernsey	894	80617	40268	21902	881//	51206	83702	85810	88618	894	80725	58858	21902	832//	01712	83703	85706	87810	894	07041	009	prsp <sub>s</sub>	ph <sub>o</sub> ps <sub>o</sub>				
Elmdon	534	10208	58018	29002	18300	50007	81809			534	60311	60028	30702	604//	50216	81814	86636		534	97033	027	psopr <sub>o</sub> so	pro <sub>o</sub> so				
Cardington	559	80414	64606	27302	884//	02003	81810	86815	88630	559	80312	62026	28803	856//	50215	88641			559	97041	031	ro	+				
Wittering	462	20208	62018	28002	29400	01003	81712	81918		462	70211	69278	29802	755//	50213	87625			462	01031	018	psoph <sub>o</sub> pr <sub>o</sub> so	ph <sub>o</sub> pr <sub>o</sub> so				
Watnall	354	10309	59018	29703	11500	00108	81828			354	70310	40268	31801	785//	00215	81820	87645		354	95045	052	pro <sub>o</sub> so	pro <sub>o</sub> pr <sub>o</sub> so				
Shawbury	414	20209	56041	30103	28500	51110	81825			414	60415	59048	32403	655//	51219	86621			414	97041	044	pro <sub>o</sub> so	pro <sub>o</sub> pr <sub>o</sub> so				
Finningley	360	10308	69158	30504	12600	00109	81830			360	70314	61838	32603	784//	01213	83815	87645		360	01041	050	pro <sub>o</sub> so	pro <sub>o</sub> so				
Kilnsea	396	50727	66268	29006	43570	51214	84920			396	50840	66268	30905	43570	03011	84920			396	92061	033	ph <sub>o</sub> ro <sub>o</sub> ph <sub>r</sub>	prsp <sub>h</sub> r				
Leeming	257	30508	74018	32504	38500	51115	81825	83635		257	60406	74028	34903	656//	51218	81630	86640		257	97051	049	pro <sub>o</sub> so	+				
Tynemouth	262	40720	81021	34206	45500	52220	84625			262	70720	81028	35606	755//	52309	87625			262	97061	013	ph <sub>r</sub> pr <sub>o</sub>	+				
Carlisle	222	40308	74018	34104	48500	50214	81823	84635		222	20310	69011	36203	25600	51212	82638			222	00051	040	+	+				
Valley	302	60517	82801	31105	6846//	01111	82816	84824		302	30518	82028	33605	32500	52213	83825			302	97061	026	pro <sub>o</sub> ps <sub>o</sub>	+				
Ringway	334	40309	57030	31204	40400	51214	81818	83630		334	30410	62018	32903	31400	51213	83818			334	97051	050	+	pro <sub>o</sub> so				
Squires Gate	318	20411	62151	32404	28400	01216	81818			318	10411	58048	34103	15600	50113	81640			318	97051	031	pro	+				
Ronaldsway	204	10417	89018	33305	18500	51111	81822			204	50210	81031	35603	50500	52217	81827	85650		204	92051	029	pr	+				
Mull of Galloway	131	30528	82011	33205	31600	52207	83840			131	10618	82020	36004	11600	53216	81840			131	00050							
Eskdalemuir	162	50311	74018	35102	58500	53115	81820			162	30109	74031	37601	35600	53213	83633			162	00031	026	+	+				
Prestwick	135	30409	67018	36104																							



## CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





# CHARTS OF WEATHER IN WESTERN EUROPE

ation  
mbols

UD  
Cloud  
Amount  
(oktas)

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

Obscured  
by fog or  
other data.

OTHER  
Weather

izzle

and snow

shower

and snow  
shower

shower

shower

Thunderstorm

IND

Wind  
speed  
(knots)

Calm

1-2

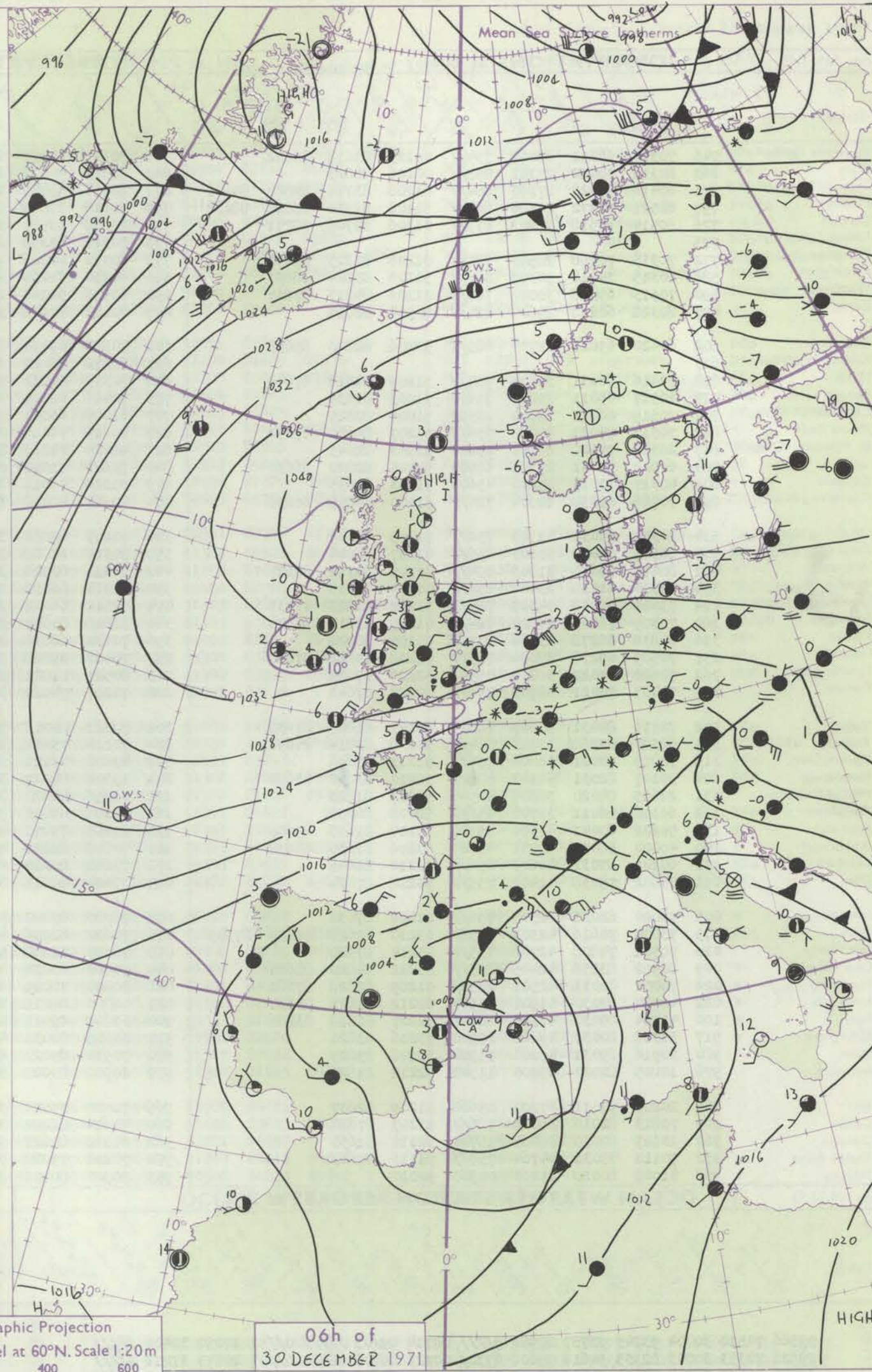
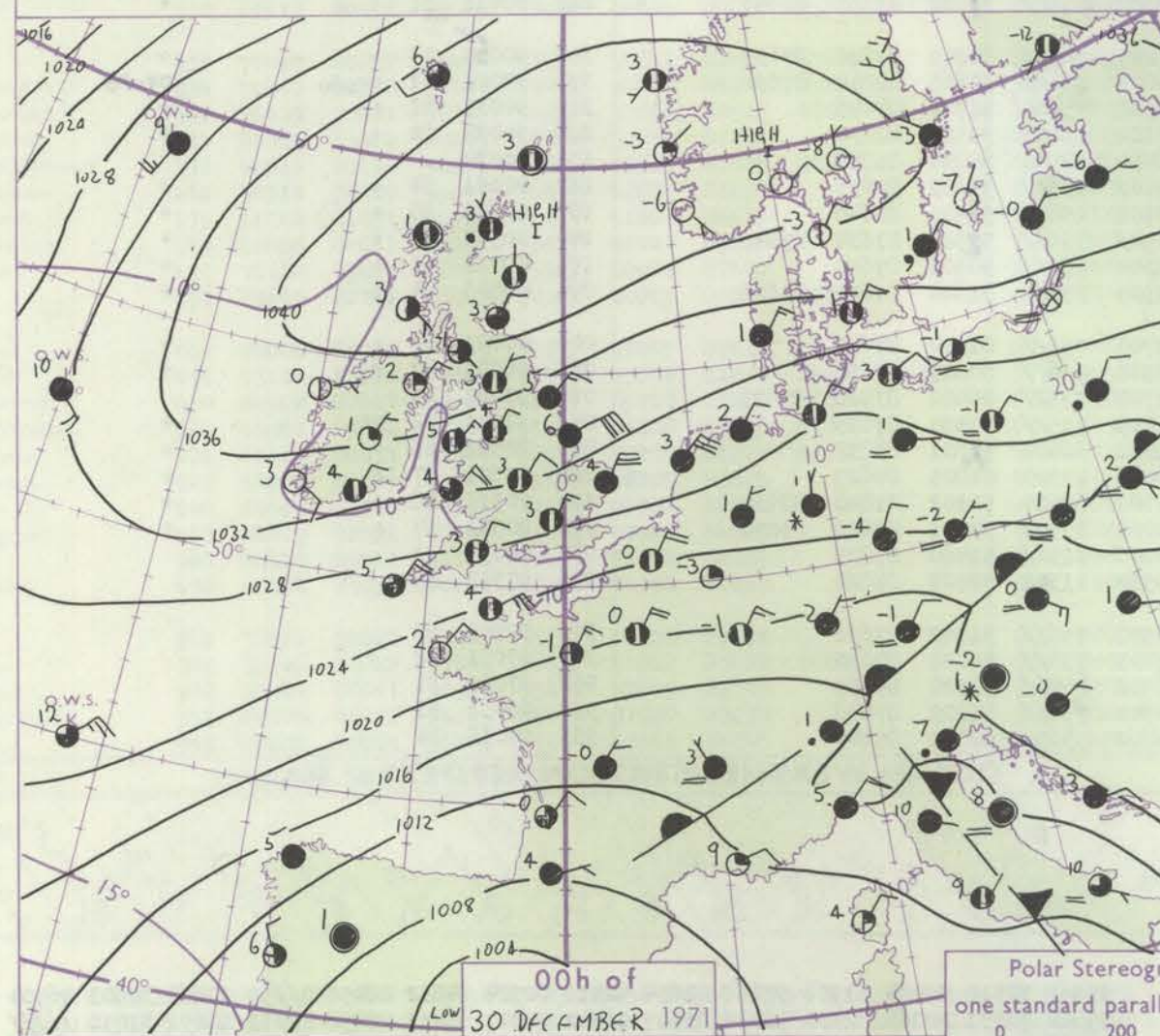
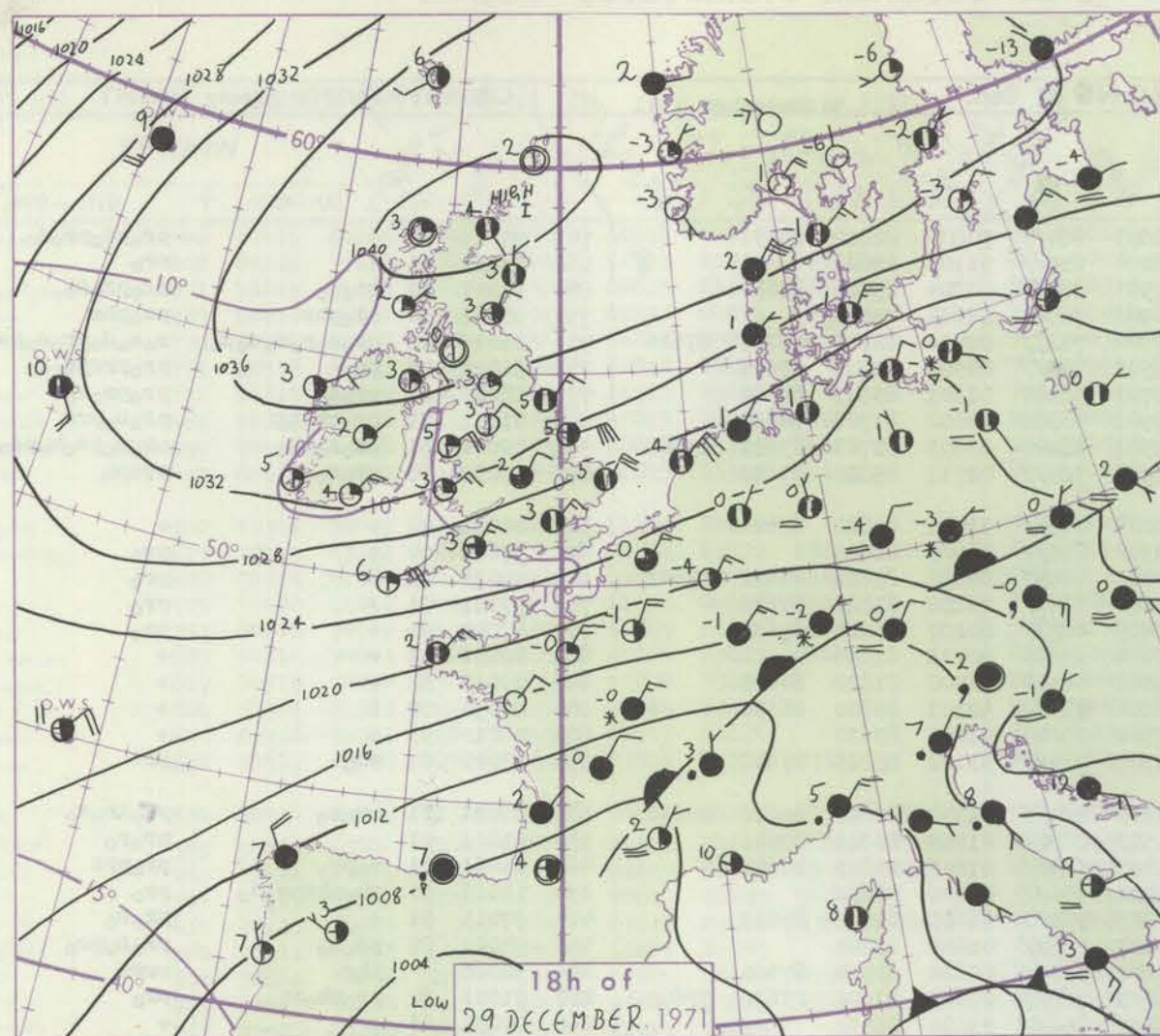
3-7

8-12

13-17

Additional  
weather add

48-52



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPSIS DEVELOPMENT

The anticyclone near northern Scotland has intensified a little and extended eastwards with the formation of another centre over southern Scandinavia which in 24 hours time is expected to be the primary one. The low which yesterday was over the southern Baltic has filled up, and the lows over Spain have amalgamated

to form one centre which will move east towards Sardinia. On the western flank of the anticyclone, a series of depressions will continue to move northwards between Iceland and Greenland turning northeast over the Greenland Sea.

Issued at midday

30 December 1971



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

Code FM II.D		OBSERVATIONS at 00h.								30 December 1971		OBSERVATIONS at 06h.								30 December 1971		OBSERVATIONS during NIGHT							
Station	iii	Nddff	VVwww	PPTT	N <sub>h</sub> Ch <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	PPTT	N <sub>h</sub> Ch <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	RR	T <sub>n</sub> T <sub>n</sub> E	T <sub>g</sub> T <sub>g</sub>	WEATHER						
																							21h.—03h.	03h.—09h.					
Boscombe Down	746	70314	66031	28402	754//	50105	83618	86632		746	80311	62022	28603	884//	50803	82812	88630		746	97011	51	+		pro ps o pro so					
Hurn	862	80315	70022	27703	855//	00106	88623			862	80314	70022	28004	855//	51101	88623			862	97031	01	+		pro					
Thorney Island	871	80416	59028	27203	884//	01208	87714	84820	88640	871	80414	59805	27903	884//	01304	85816	88634		871	91021	50	pro so		ido pro so					
Manston	797	80521	81272	27304	884//	51108	81714	85820	88632	797	30618	87018	26903	38500	52604	82820			797	91011	00	ps o phs		ps o phs					
Gatwick	776	80414	60518	27803	873//	01306	84708	88711		776	70309	62517	27902	752//	00400	82703	84709	87626	776	01015	51	pro so x o so do do		ro so do pro so ps					
Kew	775									775	70312	62258	28503	784//	00502	82816	87625		775	91021	00	pro		pro pr spr o so					
Heathrow	772	70315	70268	28503	784//	01206	82815	87640		772	60312	70808	28703	68400	01501	83813	86640		772	92021	51	pro so		pro pro so					
Honington	586	80315	74018	30303	885//	51106	83824	88633		586	40210	74268	29901	43300	00602	81706	84635		586	01011	51	pro pr o so		pro so prs					
Wattisham	590	70513	69028	30002	784//	01106	84817	87640		590	60510	62268	29501	68200	00803	82703	83812	85640	590	02006	51	pro so ph o		pro so ps o ph o ps o					
Gorleston	497	80328	60268	29604	884//	00504	88815			497	70426	60908	28904	785//	02711	85820	87630		497	03032	00	pro so		pr sprh					
Aberporth	502	60420	69021	32704	685//	52206	82820	85635		502	70318	69032	33004	745//	51400	81820	87626		502	00031	00	+		+					
Ross-on-Wye	627									627	80212	60022	31303	855//	00803	88625			627	97021	00	+		pro					
Filton	628	70316	66031	30603	754//	51209	84618	87649		628	70315	66032	30703	784//	00500	81818	84622	87642	628	97021	00	+		pro					
Rhoose	715	10517	65011	29802	15600	51003	81635			715	70416	62031	30603	784//	00202	81812	87630		715	97021	01	+		pro					
Chivenor	707	20519	66011	29704	22500	51008	82825			707	61009	66031	30405	685//	00207	83824	85635		707	97041	01	+		pro					
Mount Batten	827	70513	74021	28003	756//	51207	84630	87650		827	10619	74011	27404	15600	50712	81640			827	00031	02	+		+					
St. Mawgan	817	20320	74020	28702	25600	51103	82645			817	40214	74011	29502	48500	51500	81820	84645		817	00013	52	+		+					
Scilly	804	60622	81031	27205	68500	54005	82820	86630		804	70621	81032	28106	785//	52101	85820	86630		804	00050	02	1		+					
Culdrose	809	40317	70018	27202	45600	51003	84635			809	30318	76011	27502	35600	51803	83630			809	00010	53	+		+					
Guernsey	894	70726	65038	22604	784//	51400	84815	86630		894	70622	80022	23705	784//	51102	83815	87630		894	93040	00	ph o		prs					
Elmdon	534	70310	59031	32303	756//	51205	87639			534	80209	62252	32103	884//	01704	82810	85628	88640	534	97021	51	pro so		pro i ro so					
Cardington	559	80315	64022	30803	856//	01207	88644			559	80314	62808	30503	885//	01503	83820	88641		559	01011	01	+		pro ro					
Wittering	462	80414	69608	31803	854//	01105	84712	88627		462	80316	80028	31203	884//	01606	85815	88644		462	01021	01	ro pr o		pro prs					
Watnall	354	80314	61038	33402	856//	01104	88635			354	80314	66038	33202	884//	01806	88632			354	01011	50	ph o phs pr o so		pro					
Shawbury	414	73610	66038	34303	785//	51207	88623	87637		414	70312	66022	33803	785//	51605	81826	87633		414	97011	51	+		pro so					
Finningley	360	70309	78268	34602	724//	01005	82818	87820		360	83606	80022	34203	856//	01604	88640			360	95021	51	pro so		pro so pr o					
Kilnsea	396	80838	66278	33406	835//	01105	88920			396	70632	66038	32805	3357//	00802	83920	87360		396	92061		phr		pr rs					
Leeming	257	70509	69278	37004	785//	01208	83822	87640		257	70407	69028	36803	785//	01603	81823	83632	87640	257	91021	50	pro ph o ro		pro					
Tynemouth	262	70620	81022	38205	755//	52206	87625			262	80521	81022	38306	856//	01805	88630			262	00051	03	+		+					
Carlisle	222	70405	70021	38703	756//	00007	87643			222	70207	74022	39103	756//	51802	83637	86645		222	00011	51	+		+					
Valley	302	70516	80031	35605	785//	52107	81825	87635		302	70313	80012	36005	785//	50201	82820	87630		302	00051	03	+		+					
Ringway	334	60307	65268	35103	684//	51108	83814	84630		334	70114	75268	34803	784//	50605	82814	87630		334	97021	51	pro so		pro so					
Squires Gate	318	70209	70021	36804	756//	51213	87646			318	43606	75021	36503	45600	51702	84645			318	00031	51	+		+					
Ronaldsway	204	50107	82031	38103	586//	50210	83832	85650		204	13508	84011	38102	18600	53101	81830			204	00023	52	+		+					
Mull of Galloway	131	20615	84020	38504	12540	52209	81825			131	30818	84020	38404	12540	50804	81825			131	00030									
Eskdalemuir	162	60106	66011	39701	656//	52008	86638			162	70208	69032	39802	756//	53803	87635			162	00011	54	+		+					
Prestwick	135	51202	60041	40551	55600	51108	81635	85650		135	21005	75011	40751	25600	52500	82640			135	00533	58	+		+					
Abbotsinch	140	40000	58040	40751	45600	53206	81630	84638		140	70606	82021	40903	756//	52503	81634	87640		140	00533	56	+		+					
Leuchars	171	60109	85031	40803	656//	00210	86645			171	73608	86022	41304	757//	50501	87650			171	00011	51	+		+					
Dyce	091	73602	75038	41401	755//	50208	87624			091	33408	80011	41901	35500	51604	81620	83626		091	00503	54	+		+					
Lerwick	005	70000	82031	42503	756//	01208	87632			005	70000	80022	42703	755//	01000	87628			005	00001	54	+		+					
Wick	075	73004	70616	42503	6553//	03210	82625	86630	87359	075	72602	82036	42900	756//	00003	87630			075	96001	52	ro ro		+					
Sule Skerry	010	70502	74808	42706	735//	05214	87920			010	70000	81038	42707	735//	04400	83920	87625		010	93061	03								
Cape Wrath	049	80902	83156	42405	885//	03212	84820	88625		049	70000	83031	42405	755//	01400	87625			049	91041	02	pr o		+					
Stornoway	026	70000	80011	42501	2253//	01209	82828	87362		026	30000	70021	42751	32400	52801	83818			026	00523	55	+		+					
Benbecula	022	40000	87030	41901	45500	00212	81625	83630		022	40000	88011	42002	45500	01005	84627			022	00501	57	+		+					
Tiree	100	41104	89030	41303	28406	52207	81818	83280		100	30807	89011	42101	38500	52102	81820	83630		100	00513	58	+		+					
Aldergrove	917	30308	80030	39802	35500	53206	83626			917	50505	80031	40001	35502	52501	83622	84070		917	00513	57	+		+					
Malin	980	50916	89031	40206	51500	53108	85825			980	70514	89022	40706	715//	51400	87825			980	00051	01								
Belmullet	976	10805	82020	39200	11500	52212	81822			976	10908	83020	39550	11502	52701	81824			976	97523	55								
Birr	965	20205	70011	37301	25600	51209	82637			965	70000	75021	37901	756//	51102	87636			965	97501	55								
Dublin	969	70813	82018	36806	786//	53207	87630			969	70614	82022	37005	756//	52801	87635			969	97051	02								
Shannon	962	10109	80020	36401	15700	52110	81650			962	60112	80021	36902	4573//	51500	84650			962	97000	51								
Roches Point	952	70110	75031	34704	756//	51113	87643			952	70214	75022	34704	756//	51302	87638			952	00031	51								
Valentia	953	01008	80020	35203	00900	52010				953	50904	80011	35802	55600	52802	85647			953	97013	54								

Code FM 21.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>	QcLoLoLoLo	YYGGiw	Nddff	VVwwWW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> vapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	OT <sub>s</sub> T <sub>s</sub> T <sub>d</sub> T <sub>d</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	O.W.S.	99L <sub>3</sub> L <sub>3</sub> L <sub>3</sub>	QcLoLoLoLo	YYGGiw	Nddff	VVwwWW	PPPTT	N <sub>h</sub> C <sub>L</sub> hC <sub>M</sub> C <sub>H</sub>	D <sub>s</sub> vapp	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	OT <sub>s</sub> T <sub>s</sub> T <sub>d</sub> T <sub>d</sub>	IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub>	3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>	
A	99566	70510	30004	93245	93757	89952	9/////	00714	89/03	//////	0//52	10250	30406	//////		A	99565	70510	29064	81908	97268	02654	42410	00724	84812	80456	0//59	10263	30603	26504	
B	99526	70353	30003	82335	94616	95608	6732/	00221	86708	88520	0//07	10675	31012	//////		B	99522	70351	30063	82430	98026	03307	06542	00247	86615	88458	0//13	10891	31010	//////	
C	99440	70410	30004	83215	98022	05011	1557/	00328	81625	88360	0//08	11449	30303	//////		C	99438	70410	30064	80310	98021	06609	855//	00102	88630	//////	0//05	11466	30502	//////	
D	99350	70480	30004	62315	98022	10318	65500	00710	86625	//////	0//16	11915	30604	//////		D	99350	70480	30064	82516	98028	07519	855//	00722	88620	//////	0//16	11903	30603	//////	
E	99592	70190	30004	81924	98022	31309	884//	00201	83815	88630	0//06	10942	30605	19908		E	99592	70190	30064	71832	98031	30409	31434	41811	83815	87075	0//08	10940	30706	17010	
I	99527	70201	30004	81422	98032	31209	885//	00804	82825	88640	0//03	11098	30704	10805		I	99527	70201	30064	81721	98022	30810	885//	00400	83825	88635	0//03	11090	30805	10805	
J	99452	70162	30004	60625	98021	24611	68500	21007	82826	85640	0//03	11418	30809	//////		J	99451	70164	30064	30622	98251	24110	38500	00102	83826	//////	0//03	11419	30809	//////	
K																K															
M	99653	10031	30004	42524	98018	34306	49400	00715	84917	//////	05204	10724	30506	//////		M	99658	10028	30064	72729	98028	32106	79400	00717	87917	//////	05104	10703	30608	//////	

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



## DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40216

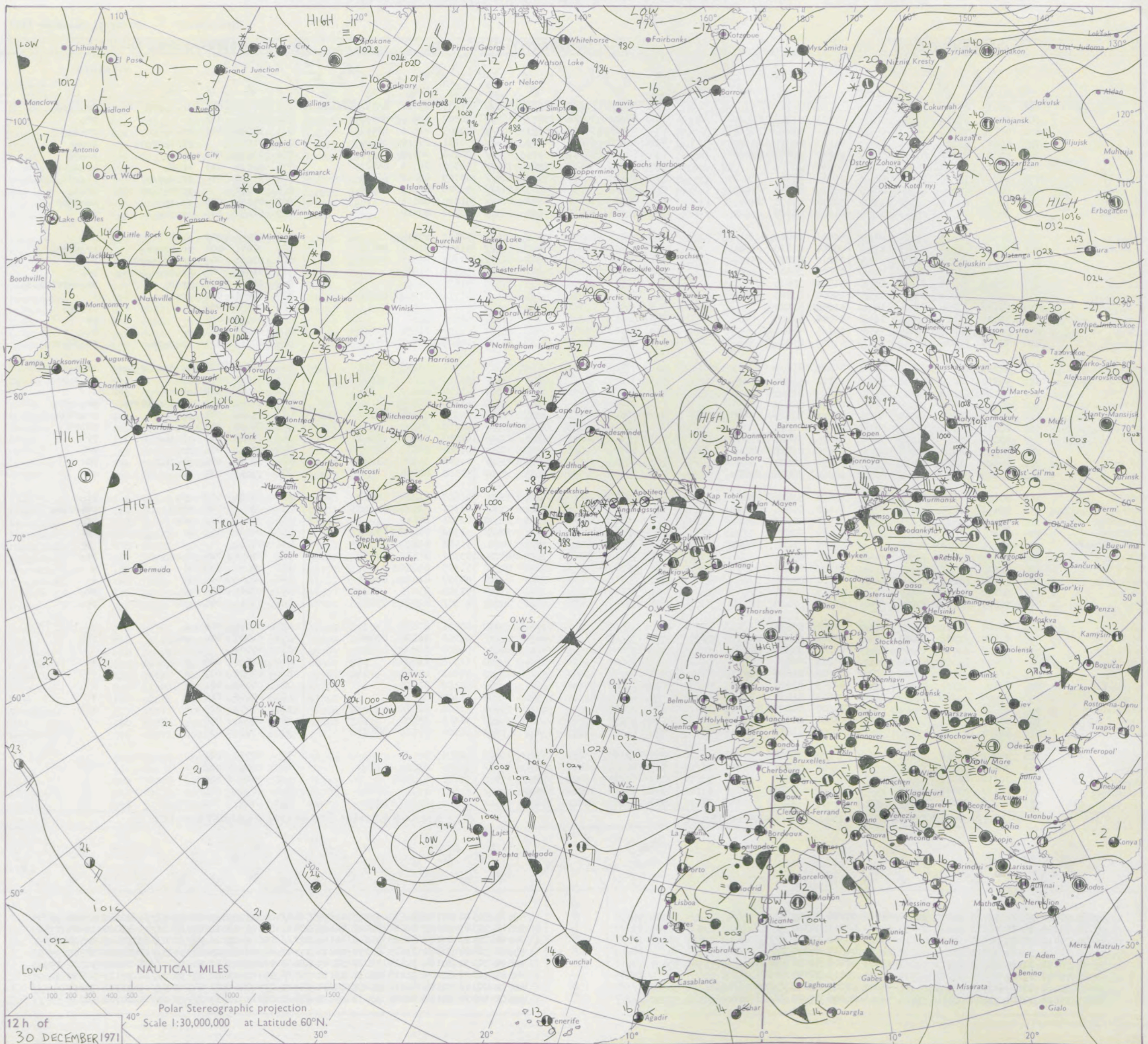
Date of Issue Friday 31 December 1971

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
30 December 1971										30 December 1971																			
Code FM 11.D										Code FM 11.D										Code FM 11.D									
Station										Station										Station									
Nddff VVwww PPTT N <sub>h</sub> L <sub>C</sub> M <sub>C</sub> H T <sub>d</sub> T <sub>a</sub> app 8N <sub>S</sub> Ch <sub>s</sub> h <sub>s</sub> 8N <sub>S</sub> Ch <sub>s</sub> h <sub>s</sub> 8N <sub>S</sub> Ch <sub>s</sub> h <sub>s</sub>										Nddff VVwww PPTT N <sub>h</sub> L <sub>C</sub> M <sub>C</sub> H T <sub>d</sub> T <sub>a</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>										RRTT x E SSS WEATHER									
09h.—15h.										09h.—15h.										15h.—21h.									
Boscombe Down	746	40415	64268	27903	48400	50814	83812			746	80618	58858	26801	884//	51307	83714	83816	88624	746	97041	040	proSoPsh	proSoPso						
Hurn	862	60215	75038	27304	684//	51813	81715	86822		862	60416	70218	25701	684//	50302	82815	86638		862	97041	036	+	pro						
Thorney Island	871	40219	75268	26403	49400	00815	81912	83819		871	70315	74038	25201	784//	50105	81816	87640		871	94041	022	proSo	proSo						
Manston	797	60613	58261	25503	694//	01813	84815	83920		797	80618	64832	26303	884//	50111	86814	88620		797	01041		pspsproSo	proSo						
Gatwick	776	70310	57268	26802	784//	50813	85813	85625		776	80308	40268	26101	855//	00206	88628			776	03035	002	psps	psPs						
Kew	775	60313	66038	27603	624//	50812	86814			775	70413	59268	26902	724//	50307	86710	85820		775	01031	013	proSo	proSopsoldo						
Heathrow	772	50314	72268	27903	58400	00712	85815			772	80415	56718	27102	884//	00109	83812	86620	88628	772	95031	014	proSoPso	psopssoroso						
Honington	586	60312	74278	28902	694//	51815	84815	81920		586	80513	66038	29103	855//	51208	86623	88635		586	03041		psproSoprspsh	proSo						
Wattisham	590	70511	60268	28501	783//	50815	85708	84815		590	80713	62038	28702	854//	51205	88616			590	05035	008	psps	phpsops						
Gorleston	497	80632	57847	27903	7358/	01623	86920	85630		497	70625	62028	29005	735//	00202	87920			497	02052	010	prsprs	+						
Aberporth	502	60315	74012	33104	6843/	51805	85815			502	70422	66251	30603	784//	52505	87815			502	97041	007	+	pro						
Ross-on-Wye	627	70415	63258	30603	785//	00811	83820	87625		627	70513	63028	29402	785//	51106	81825	87630		627	92041	003	proprspro	proSoPro						
Filton	628	70316	61268	30003	784//	01810	83815	85640		628	70313	64028	28302	784//	52302	83815	87626		628	93031	007	proproSoPso	ps						
Rhoose	715	70420	62252	30203	784//	51808	84816	85640		715	20417	70018	27901	28500	52508	81825			715	01041	006	proproSopsPso	ps						
Chivenor	707	60518	74038	30105	68530	51809	85823	83634		707	50515	66268	27703	52500	51605	85825			707	01061	020	proSo	proSoprspshps						
Mount Batten	827	60314	74801	28805	68500	00004	83820	84640		827	70518	66038	25603	785//	51711	81820	87634		827	97051	037	pro	+						
St. Mawgan	817	30519	74030	29404	38500	51806	83820			817	20422	74251	26502	29400	51710	82915			817	97053	066	+	iropro						
Scilly	804	30724	81011	28806	32500	51805	83820			804	50623	66801	25906	52500	51507	85820			804	01071	035	+	pr						
Culdrose	809	60316	81031	29004	65500	00105	86624			809	50322	78031	25902	48501	51709	81820	84625		809	00050	061	+	+						
Guernsey	894	70719	62238	24701	723//	01802	83706	87810		894	80718	11858	21601	872//	00605	86703	88705		894	07052	001	proSoPh	psophopro						
Elmdon	534	80414	62608	31503	853//	00809	81706	83709	88616	534	80410	56237	30701	863//	00301	83708	87710		534	94041	005	irosoro-roSos	isorosairo						
Cardington	559	50313	62258	29802	58400	02811	83815	84825	85635	559	70315	66268	29202	785//	51306	84820	86640		559	91031	014	pro	proSoPro						
Wittering	462	70414	61268	30701	5926/	01809	82705	83915	87359	462	70512	66028	30602	745//	51208	87622			462	03041	006	phps	+						
Watnall	354	50519	69038	32304	58500	00809	82820	85640		354	40417	56268	32101	48200	01400	82705			354	02051	019	proSoPhphpsps	proSoPro						
Shawbury	414	70113	60808	33703	784//	01811	83818	83625	87638	414	70613	59268	32203	784//	50303	82816	84820	87640	414	93041	001	proSoPro	proproSo						
Finningley	360	20411	66018	33805	28500	01811	81820			360	70510	66268	33703	756//	01103	87640			360	02051	015	propRS	prSPR						
Kilnsea	396	70840	66268	32705	5357/	01805	85920	87360		396	80940	66278	32206	6357/	01003	86920	88360		396	01062	014	prsphr	prs						
Leeming	257	80611	74038	36804	884//	01806	83816	88645		257	70907	69801	36405	786//	53304	83833	86650		257	92051	001	pro	pro						
Tynemouth	262	70525	81028	38405	755//	02804	87625			262	80926	81278	38606	835//	01002	83925	88630		262	01061	000	prophr	phr						
Carlisle	222	60613	80252	39005	68500	50805	82820	85635		222	30808	74021	38103	35600	51500	83635			222	97051	034	pro	+						
Valley	302	70417	80022	35406	785//	50811	82824	87640		302	30518	74018	34005	38400	51603	81818	83632		302	97061	007	pro	pro						
Ringway	334	70417	62268	34104	784//	50812	85816	87630		334	50313	60268	33302	52300	00301	82708	84818		334	93041	006	proSo	proSoPso						
Squires Gate	318	70515	70011	36205	785//	01806	82822	87640		318	30713	68018	34903	35600	52501	83643			318	97051	001	pro	pro						
Ronaldsway	204	20314	86010	38005	28600	50805	81830			204	70316	84031	36605	785//	51302	81827	87646		204	94061	052	+	phr						
Mull of Galloway	131	40515	80010	38905	48500	51806	81825	84640		131	30627	84030	37605	18630	51502	81830	83362		131	00060									
Eskdalemuir	162	30313	78017	39603	35600	52806	83635			162	20314	70018	39501	28500	53301	81822			162	97041	026	soProSo	ps						
Prestwick	135	61202	61031	40903	656//	51801	86645			135	10610	60041	40202	15700	51303	81650			135	00043	038	+	+						
Abbotsinch	140	70406	84031	41504	756//	51001	87630			140	50510	62041	40803	54500	00303	82627	85635		140	00061	013	+	+						
Leuchars	171	70110	85032	42005	756//	00003	87640			171	30616	82018	41506	35600	51303	83635			171	97061	005	pro	pro						
Dyce	091	73609	82141	43003	785//	00005	82820	86625		091	73607	70028	42603	785//	01302	82820	87625		091	97051	001	pro	pro						
Lerwick	005	70000	83022	44205	756//	01005	87635			005	70000	79022	44704	756//	00206	87632			005	00051	000	+	+						
Wick	075	73104	82028	44003	785//	03002	81820	84635	85656	075	70908	84022	44006	755//	02208	81620	87624		075	91061	000	pro	pro						
Sule Skerry	010	60902	82012	44007	685//	05207	83820	86625		010	60000	81022	44106	685//	04204	82825	86630		010	00071									
Cape Wrath	049	60901	85012	43905	3557/	01208	83625	85360		049	30902	85020	43804	35500	01306	83625			049	00061	027	+	+						
Stornoway	026	61107	84031	43904	685//	02202	81824	86630		026	41107	80011	43505	48500	01201	83822			026	00051	007	+	+						
Benbecula	022	60000	89021	43103	655//	01205	86625			022	10000	89011	42601	15600	50102	81630			022	00043	021	+	+						
Tiree	100	10507	89020	42303	11601	00801	81830			100	10804	89010	42351	15600	53303	81630			100	00043	060	+	+						
Aldergrove	917	40609	82011	40404	45501	52000	84625			917	20607	80020	39102	25500	51502	82620			917	00051	025	+	+						
Malin	980	40717	89011	41106	41500	51004	84825			980	70618	89021	40606	745//	51301	87628			980	0006	008								
Belmullet	976	30904	86030	40204	28532	00001	81823			976	41002	84031	39602	454//	51704	81719	84640		976	9705	038								
Birr	965	70501	75022	37903	756//	50805	87636			965	40105	75031	36402	456//	51705	84630			965	9705	021								
Dublin	969	70616	82022	37505	785//	51802	83822	86640		969	80618	80032	35406	885//	51608	83823	87640		969	0006	003								
Shannon	962	30312	80011	36905	35600	50805	83643			962	13511	80021	36202	15700	51701	81650			962	0005	025								
Roches Point	952	80108	80022	35305	856//	01000	88634			952	70116	75032	33305	784//	01807	81818	87638		952	0006	005								
Valentia	953	40808	80021	36005	45600	52801	84645			953	50603	80021	35604	58500	50500	81823	85640		953	9706	041								
Code FM 21.D										Code FM 21.D										Code FM 21.D									
O.W.S.										O.W.S.										O.W.S.									
99 L <sub>a</sub> L <sub>a</sub> L <sub>a</sub> Q <sub>c</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> YYGGiw Nddff VVwww PPTT N <sub>h</sub> L <sub>C</sub> M <sub>C</sub> H D <sub>S</sub> vapp 8N <sub>S</sub> Ch <sub>s</sub> h <sub>s</sub> 8N <sub>S</sub> Ch <sub>s</sub> h <sub>s</sub> OT <sub>S</sub> T <sub>S</sub> T <sub>d</sub> T <sub>d</sub> IT <sub>w</sub> T <sub>w</sub> T <sub>w</sub> T <sub>w</sub> 3P <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub> d <sub>w</sub> d <sub>w</sub> P <sub>w</sub> H <sub>w</sub> H <sub>w</sub>										99 L <sub>a</sub> L <sub>a</sub> L <sub>a</sub> Q <sub>c</sub> L <sub>o</sub> L <sub>o</sub> L <sub>o</sub> YYGGiw Nddff VVwww PPTT N <sub>h</sub> L <sub>C</sub> M <sub>C</sub> H D <sub>S</sub> vapp 8N																			

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



# CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Exp  
of

Symb

W

Symb

= M

= F

+ D

+ R

+ S

+ T

+ U

+ V

+ W

+ X

+ Y

+ Z

+ A

+ B

+ C

+ D

+ E

+ F

+ G

+ H

+ I

+ J

+ K

+ L

+ M

+ N

+ O

+ P

+ Q

+ R

+ S

+ T

+ U



# CHARTS OF WEATHER IN WESTERN EUROPE

Explanation  
of symbols

**CLOUD**  
Cloud Amount (oktas)  
0 or less  
1  
2  
3  
4  
5  
6  
7 or more  
8

sky obscured  
Missing or doubtful data.

**WEATHER**

Weather

list

pg

drizzle

rain and drizzle

rain

rain and snow

snow

rain shower

rain and snow shower

snow shower

rain shower

thunderstorm

**WIND**

Wind speed (knots)

Calm

1-2

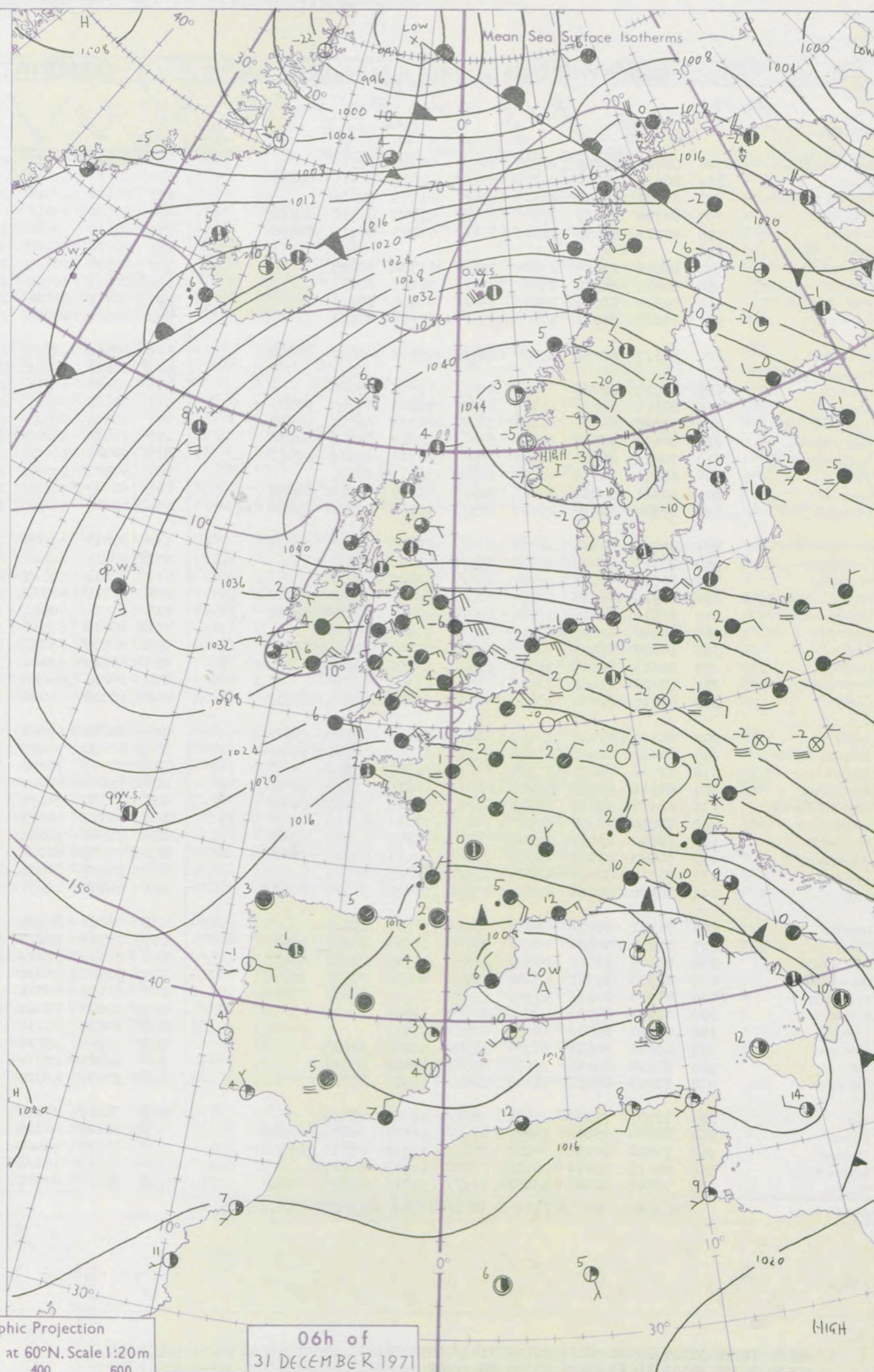
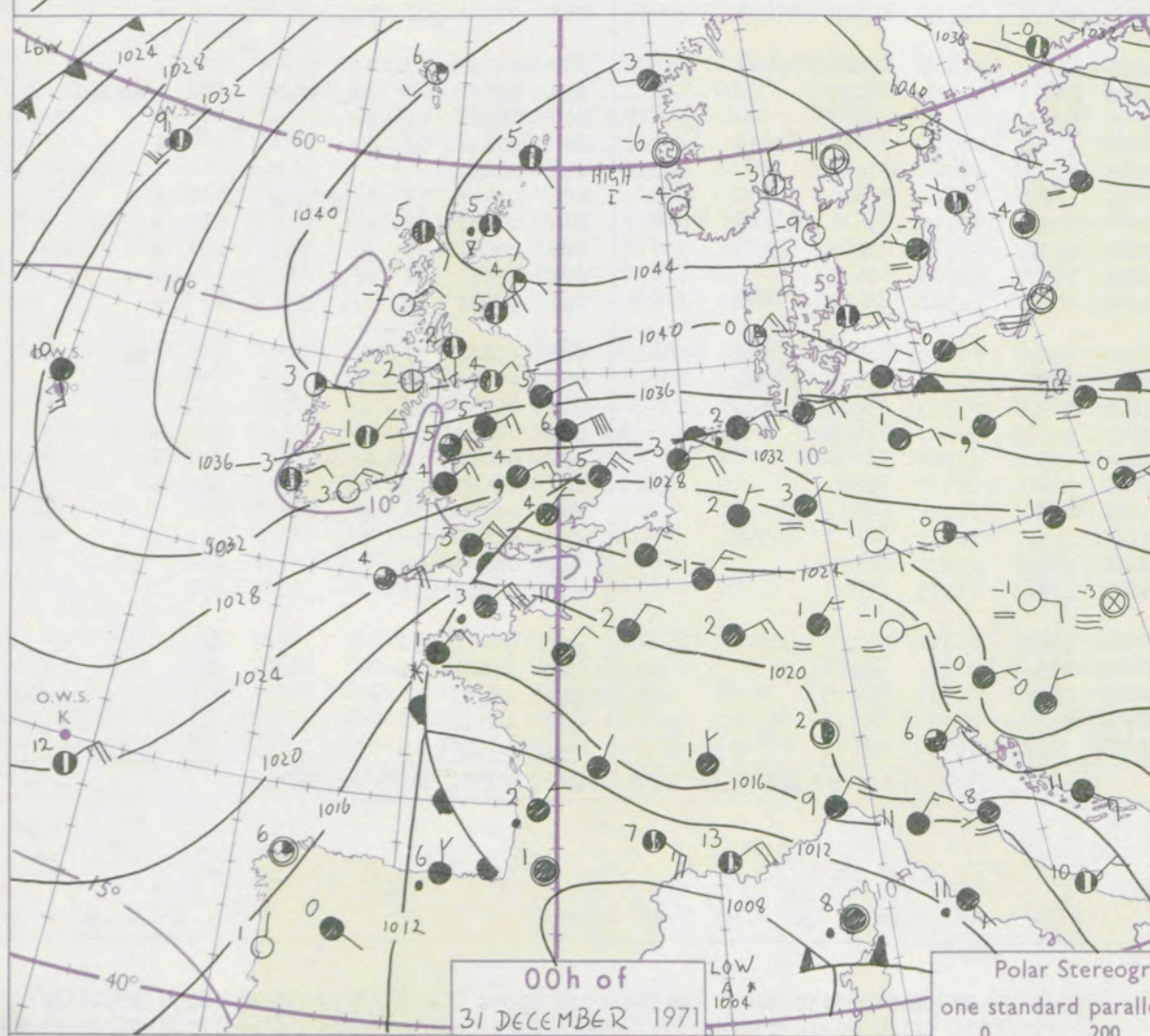
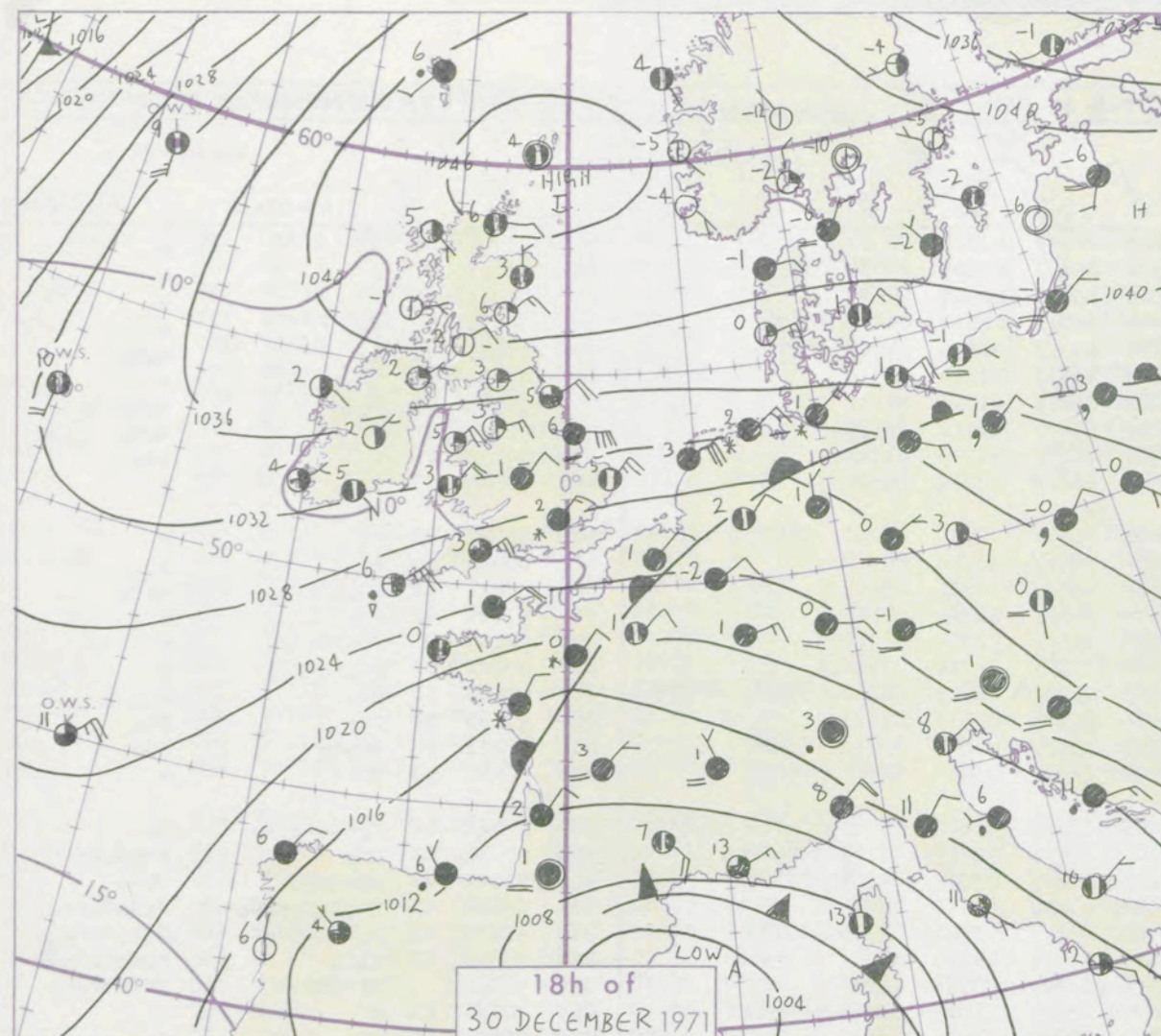
3-7

8-12

13-17

each additional weather add

48-52



Polar Stereographic Projection  
one standard parallel at 60°N. Scale 1:20m  
0 200 400 600

## GENERAL SYNOPTIC DEVELOPMENT

The intense anticyclone over north Scotland has moved a little eastwards and is now stationary over south Norway. Pressure remained low over Iberia with strong to gale force easterly winds blowing across the British Isles except for Scotland. A weak warm front moved westwards from the Continent, bringing relatively milder air

to southern Britain. Meanwhile a deepening Atlantic low moved very rapidly north-eastwards between Iceland and Greenland. During the next 24 hours the synoptic picture in the vicinity of the British Isles will remain almost unchanged.

Issued at midday Friday 31 December 1971



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

Code FM II.D		OBSERVATIONS at 00h.										31 December 1971										OBSERVATIONS at 06h.										31 December 1971										OBSERVATIONS during NIGHT									
Station		iii	Nddff	VVwww	PPPTT	N <sub>h</sub> Ch <sub>m</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>m</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>m</sub> Ch <sub>h</sub>	T <sub>d</sub> app	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	8N <sub>s</sub> Ch <sub>s</sub> h <sub>s</sub>	iii	RRT <sub>n</sub> F	T <sub>g</sub> T <sub>g</sub>	WEATHER																			
																																21h.—03h.	03h.—09h.																		
Boscombe Down		746	80720	59208	26303	864//	00000	88710			746	80820	62022	25203	863//	01810	88707			746	97021	01	do										+																		
Hurn		862	80611	70012	25304	854//	50804	81715	88620		862	80513	65032	24504	854//	01509	87712	88618		862	00021	01	+										+																		
Thorney Island		871	80620	59058	25603	854//	01003	88616			871	80622	62022	24504	854//	02507	88612		871	00021	01	+											+																		
Manston		797	80720	60028	27203	854//	01500	82710	88612		797	80520	59022	25604	863//	02611	86708	88710		797	00031	02	+										+																		
Gatwick		776	80717	57058	26503	854//	01203	86712	88616		776	80617	58505	25104	873//	02613	84708	88710		776	97031	02	do										do do																		
Kew		775									775	80518	61022	26104	864//	01614	88710		775	97031	03	id <sub>o</sub>											+																		
Heathrow		772	80516	62027	27204	854//	01302	88615			772	80520	70025	25804	854//	01719	88612		772	97031	02	do do											do do id <sub>o</sub>																		
Honington		586	80512	66022	29904	854//	02105	88612			586	80413	80022	28204	854//	01712	88613		586	91031	03	+											do do																		
Wattisham		590	80812	58012	29604	864//	01204	88710			590	80715	60022	27703	863//	01713	88709		590	97031	01	+											id <sub>o</sub>																		
Gorleston		497	80625	60022	30305	855//	01204	88621			497	80625	60022	28505	855//	02712	88625		497	00040	03	+											+																		
Aberporth		502	80617	62251	29804	884//	50504	86818	88630		502	80516	62028	27605	854//	02506	81710	88617		502	97021	02	pro										+																		
Ross-on-Wye		627									627	80616	48052	27504	864//	03708	88712		627	00021	50	+											+																		
Filton		628	80520	62208	27904	855//	51500	88620			628	80622	66206	26404	854//	01811	88612		628	97011	01	ps <sub>o</sub> id <sub>o</sub> air <sub>o</sub>											do do																		
Rhoose		715	80522	62038	26703	884//	50810	87815	88645		715	80625	64022	25404	854//	01808	88613		715	97021	01	ps <sub>o</sub>											+																		
Chivenor		707	70818	66268	25804	784//	00714	86817	84625		707	80915	62022	24005	864//	02714	88711		707	92020	01	ps <sub>o</sub> pro <sub>o</sub> s <sub>o</sub>											+																		
Mount Batten		827	80622	58688	23403	854//	00810	84616	88630		827	70825	59027	20804	754//	02719	87618		827	97021	01	ps <sub>o</sub> ro <sub>o</sub> s <sub>o</sub> ro <sub>o</sub>											+																		
St. Mawgan		817	70623	66038	24202	1841/	53716	81816	87462		817	70921	66028	21603	25472	00609	82712	85460 86070		817	97001	51	ps <sub>o</sub>										+																		
Scilly		804	60822	74038	22704	68500	52711	85820			804	80923	59028	19506	855//	04513	88623		804	97020	01	pro											pro																		
Culdrose		809	80421	64031	23102	884//	51814	83818	88635		809	80723	58028	20905	854//	02604	82710	88620		809	92511	54	pro s <sub>o</sub>										id <sub>o</sub>																		
Guernsey		894	80728	40638	19203	883//	02708	85706	85810 88616		894	80625	58052	19504	853//	03000	82706	88608		894	06021	50	prrr										+																		
Elmdon		534	80713	50536	30304	872//	02803	84705	88707		534	80714	57505	28905	853//	03812	83709	86611 88614		534	94021	02	ro-do-ro-do										do																		
Cardington		559	80515	62028	29704	854//	02102	88613			559	80517	66208	28104	854//	02716	85713	88619		559	97031	02	pro										pro do ro																		
Wittering		462	80615	59028	30704	854//	02002	88612			462	80616	56515	29105	863//	03714	82706	88708		462	91041	02	pro do do										do do																		
Watnall		354	80519	56618	32104	873//	03001	85706	88710		354	80517	48516	30604	872//	04711	88705		354	96022	02	pro ro ro do do do											do do do ro																		
Shawbury		414	80617	62218	31804	863//	02804	82708	88710		414	80812	50586	30705	863//	03708	82708	88713		414	91031	02	ro s <sub>o</sub> air <sub>o</sub> do ro										do ro do ro																		
Finningley		360	80614	61618	34005	855//	03301	88620			360	80412	57516	32105	864//	04716	88711		360	93041	03	ro ro											ro do ro do do																		
Kilnsea		396	80840	66028	32906	3357/	03302	83925	88360		396	80935	66268	30306	834//	05726	88915		396	92052		prsprhr											prsprhr ro																		
Leeming		257	80613	74018	36705	856//	01001	88630			257	80613	69012	34605	855//	01815	83625	88650		257	00031	02	+										+																		
Tynemouth		262	70825	74022	38906	756//	01303	87630			262	80821	81022	37106	856//	02816	88630		262	00051	05	+											+																		
Carlisle		222	70410	69028	38104	755//	50807	82625	87638		222	80711	66022	36705	855//	01712	81622	88628		222	97031	01	pro										+																		
Valley		302	60518	74021	33505	684//	00608	82818	85626		302	80622	69022	31206	854//	01809	81612	88614		302	00051	03	+										+																		
Ringway		334	80419	62608	33304	854//	01801	86711	88618		334	80420	70026	31305	864//	01714	88710		334	97041	02	pr s <sub>o</sub> ar ro											ro do do d																		
Squires Gate		318	80716	70031	35105	856//	01805	88630			318	80717	70032	33105	855//	01813	88623		318	00031	01	+																													