

THE DAILY WEATHER REPORT

(INTRODUCTION)



1st October to 31st December, 1970

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE
Bracknell, Berkshire

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.

(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.

CODE FM 11 D—Land Stations										RRTxTxERRTnTnE		sssTgTg			
N dd ff		VV ww W		PPP TT		Nh CL h CM CH		Td Td a pp		8Ns C hshs					
<p>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.</p>		<p>VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).</p>		<p>PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius.</p> <p><i>Note</i>—In reports from ocean weather stations (FM 21D) only the tens and units figure of air temperature are reported. The tenths figure is reported by t_r.</p>		<p>Nh = Fraction of celestial dome covered by CL (or CM if no CL). CL = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). CM = Form of Medium Cloud (Table 7). CH = Form of high cloud (Table 8).</p>		<p>Td = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).</p> <p>Stations situated in tropical latitudes use the form $T_d T_d 9 p_{24} p_{24}$, where $p_{24} p_{24}$ gives the 24-hour pressure changes (Table 21).</p>		<p>8 = Indicator figure. Ns = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). hshs = Height of base of cloud (Table 12).</p>		<p>RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h). TxTx = Maximum temperature in whole degrees Celsius (09h–21h). TnTn = Minimum temperature in whole degrees Celsius (21h–09h).</p>		<p>TgTg = 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).</p>	
CODE FM 21 D—Ships															
99L _a L _a L _a		QcL _o L _o L _o L _o		YYGGi _w		D _s v _s a pp		O T _s T _s T _d T _d		I T _w T _w T _w t _r		3P _w P _w H _w H _w			
<p>99 = Indicator group. L_aL_aL_a = Latitude in tenths of a degree.</p>		<p>Qc = Quadrant of the globe (Table 17). L_oL_oL_oL_o = Longitude in tenths of a degree.</p>		<p>YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i_w = Wind indicator (Table 18).</p>		<p>D_s = Direction of movement of ship (Table 14). v_s = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).</p>		<p>O = Indicator figure. T_sT_s = Difference between air temperature and sea temperature in $\frac{1}{2}$ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T_dT_d = Dew point temperature in whole degrees Celsius.</p>		<p>I = Indicator figure. T_wT_wT_w = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added. t_r = The tenths figure of the air temperature.</p>		<p>3 = Indicator figure. P_wP_w = Period of waves in seconds. H_wH_w = Height of the waves in units of 0.5 metre. <i>This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3/00.</i></p>		<p>d_wd_w = Direction (in tenths of degrees) from which waves come. P_w = Period of waves (Table 16). H_wH_w = Height of the waves in units of 0.5 metre. <i>This group is used to report swell when it is possible to make a clear distinction between swell and wind waves.</i></p>	

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.

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

First Code Figure				Second Code Figure						
	0	1	2	3	4	5	6	7	8	
				Km						
5	5	*	*	*	*	*	6	7	8	9
6	10	11	12	13	14	15	16	17	18	19
7	20	21	22	23	24	25	26	27	28	29
8	30	35	40	45	50	55	60	65	70	Over 70
			METRES							
9†	< 50	50	200	500	1,000	2,000	4	10	20	50 or over

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

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

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

00-19 No precipitation at the station at the time of observation.	00	Cloud development not observed.	30-39 Duststorms, Sandstorms, drifting or blowing snow.	30	Slight or moderate duststorm or sandstorm.	has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour. has decreased during preceding hour. no appreciable change during preceding hour. has begun or has increased during preceding hour.	70-79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.	slight at time of observation. moderate at time of observation. heavy at time of observation.
	01	Clouds generally dissolving or becoming less developed.		31				71	Continuous fall of snow flakes.	
	02	State of sky on the whole unchanged.		32				72	Intermittent fall of snow flakes.	
	03	Clouds generally forming or developing.		33				73	Continuous fall of snow flakes.	
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.		34				74	Intermittent fall of snow flakes.	
	05	Haze		35				75	Continuous fall of snow flakes.	
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation		36				76	Ice prisms (with or without fog).	
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.		37				77	Snow grains (with or without fog).	
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.		38				78	Isolated starlike snow crystals (with or without fog).	
	09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.		39				79	Ice pellets type (a).	
	10	Mist.		40-49 Fog or ice fog at time of observation.	40	Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.	80-90 Showery precipitation	80	Rain shower(s), slight.	thunderstorm during the preceding hour, but not at time of observation.
	11	Shallow fog or ice fog, in patches.			41	Fog or ice fog in patches.		81	Rain shower(s), moderate or heavy.	
	12	Shallow fog or ice fog, land or 10 metres at more or less continuous.			42	Fog or ice fog, sky discernible.		82	Rain shower(s), violent.	
	13	Lightning visible, no thunder heard.			43	Fog or ice fog, sky not discernible.		83	Shower(s) of rain and snow, slight.	
	14	Precipitation within sight, not reaching the ground or the surface of the sea.			44	Fog or ice fog, sky no appreciable change during the preceding hour.		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 has begun, or has become thicker during the preceding hour.		86	Snow shower(s), moderate or heavy.	
	17	Thunderstorm, but no precipitation at time of observation.			47	Fog or ice fog, sky not discernible.		87	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed.	
	18	Squalls.			48	Fog, depositing rime, sky discernible.		88	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder.	
	19	Funnel cloud(s)†			49	Fog, depositing rime, sky not discernible.		89		
20-29 Precipitation, fog or thunderstorm at station during the last hour but not at time of observation.	20	Drizzle (not freezing), or snow grains.	50-59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.	slight at time of observation. moderate at time of observation. heavy (dense) at time of observation.	91-99 Precipitation with current or recent thunderstorm	91	Slight rain at time of observation.	thunderstorm at time of observation.
	21	Rain (not freezing).		51	Drizzle, not freezing, continuous.			92	Moderate or heavy rain at time of observation.	
	22	Snow.		52	Drizzle, not freezing, intermittent.			93	Slight snow, rain and snow mixed, or hail* at time of observation.	
	23	Rain and snow or ice pellets type (a).		53	Drizzle, not freezing, continuous.			94	Moderate or heavy snow, rain and snow mixed or hail* at time of observation.	
	24	Freezing drizzle or freezing rain.		54	Drizzle, not freezing, intermittent.			95	Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation.	
	25	Shower(s) of rain.		55	Drizzle, not freezing, continuous.			96	Thunderstorm, slight or moderate, with hail* at time of observation.	
	26	Shower(s) of snow, or of rain and snow.		56	Drizzle, freezing, slight.			97	Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation.	
	27	Shower(s) of hail*, or of hail and rain.		57	Drizzle, freezing, moderate or heavy (dense).			98	Thunderstorm combined with duststorm or sandstorm at time of observation.	
	28	Fog or ice fog.		58	Drizzle and rain, slight.			99	Thunderstorm, heavy, with hail* at time of observation.	
	29	Thunderstorm (with or without precipitation).		59	Drizzle and rain, moderate or heavy.					
60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	60-69 Rain at time of observation.	60	Rain, not freezing, intermittent.	slight at time of observation. moderate at time of observation. heavy at time of observation.				
	61	Rain, not freezing, continuous.		61	Rain, not freezing, continuous.					
	62	Rain, not freezing, intermittent.		62	Rain, not freezing, intermittent.					
	63	Rain, not freezing, continuous.		63	Rain, not freezing, continuous.					
	64	Rain, not freezing, intermittent.		64	Rain, not freezing, intermittent.					
	65	Rain, not freezing, continuous.		65	Rain, not freezing, continuous.					
	66	Rain, freezing, slight.		66	Rain, freezing, slight.					
	67	Rain, freezing, moderate or heavy.		67	Rain, freezing, moderate or heavy.					
	68	Rain or drizzle, and snow, slight.		68	Rain or drizzle, and snow, slight.					
	69	Rain or drizzle and snow, moderate or heavy.		69	Rain or drizzle and snow, moderate or heavy.					

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.

(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.
/	Stratocumulus, stratus, cumulus and cumulonimbus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena.

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

0	No altostratus, altostratus or nimbostratus.
1	Altostratus, the greater part of which is semi-transparent: through this part the sun or moon may be weakly visible as through ground glass.
2	Altostratus, the greater part of which is sufficiently dense to hide the sun (or moon), or nimbostratus.
3	Altostratus, the greater part of which is semi-transparent, and no part of which is crenellated or in the 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 fish scales) 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 altocumulus in one more or less continuous layer progressively invading the sky: these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.
6	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.

Table 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.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 180

MONTHLY SUMMARY

For DECEMBER 1970

GENERALLY DRY WITH SOME FOG BECOMING COLD WITH SNOW

A mobile westerly type dominated the British Isles from 1st-5th, with a train of troughs and weak ridges crossing the country, between a low pressure belt to the north and a large anticyclone over Spain. The southeastward passage of a cold front across the country early on 6th was accompanied by a major build in pressure west of Ireland. From 7th-11th a large anticyclone drifted slowly across the British Isles, subsequently declining southeastwards into central Europe as a weak frontal trough moved erratically eastwards across the country on 12th. Pressure recovered quickly across the United Kingdom during 13th and 14th and a ridge transferred over the North Sea by 15th. From then till 19th a mainly southwesterly flow covered the British Isles as a belt of high pressure persisted across Spain and central Europe. Weak frontal troughs within this flow crossed the country during the period, although cyclonic activity was mainly confined to northwestern districts. During 19th and 20th a cold front moved slowly south-eastwards across the country, associated with a marked pressure rise in mid-Atlantic, and a large anticyclone became centred off Ireland until 23rd. On 23rd the anticyclonic centre retreated northwards to the southeast of Iceland as a shallow depression transferred southwards from the Norwegian Sea across southeast England and Brittany, establishing an easterly flow over much of the country in its wake by 24th. A current of very cold, dry continental air, with small westward-moving disturbances embedded in it, dominated the southern half of Britain until 29th, as a low complex persisted across Spain and southern Europe. The anticyclone near Iceland continued to influence northern areas till 27th when it was replaced by a cell over the Denmark Strait. However, by 29th and 30th marked troughing northwards from Germany to southern Scandinavia had established a northeasterly airstream over all parts, subsequently backing light northwesterly by 31st, as the Icelandic high declined southwards.

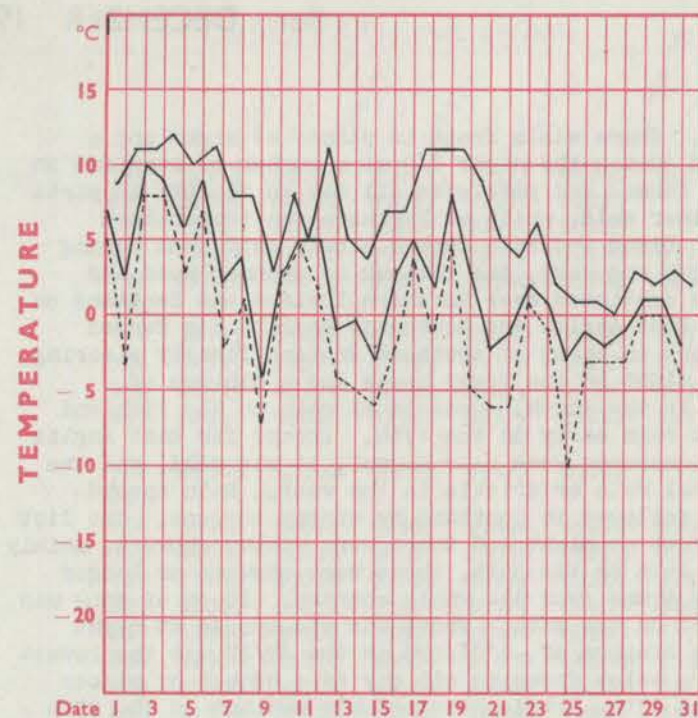
There were showers on the 1st, mainly in the west and north. From the 2nd to the 4th an area of rain moved slowly eastwards, followed by showery weather. Further periods of rain and showers on the 6th and 7th died out and from the 8th

to the 11th it was generally dry. There was a frost in places at night and a minimum of -4°C (25°F) was recorded during the night 8/9 at a number of stations in southern and central areas. Fog formed and persisted all day on the 9th in parts of the south, and it was also rather cold, while at Pershore the temperature remained below freezing all day. Cloud and rain spread slowly eastwards during the 12th. It was mild in the south and west, the maximum at Gwennap Head and Llandudno was 13°C (55°F). Showers continued over Northern Ireland and Scotland on the 13th, and over the Midlands, East Anglia and Southeast England fog formed during the night and was persistent in parts of southern England finally clearing on the 15th. There was frost at night in the foggy areas and a minimum of -5°C (23°F) was recorded at places in the south. Occasional rain on the 15th and 16th was followed by more general rain early on the 17th. Except for East Anglia and Southeast England, where temperatures were near normal, it was mild, and the 18th continued mild with occasional rain or drizzle in the west. Rain spread southwards on the 19th and 20th, followed in Scotland by wintry showers. The 21st and 22nd were rather cold with frost at night and there were wintry showers, mainly in the east and north. From the 24th to the 30th, there were showers or longer periods of rain, sleet or snow at times over the whole country. 20 cm of snow was reported from the North Downs Kent on the 26th. Frost was widespread at night from the 24th to 28th, Pershore's minimum of -6°C (21°F) on the 27/28 was the lowest recorded there. Temperatures were below freezing all day at a number of places in the south on the 25th, 26th and 27th, Little Rissington's maximum on the 27th was -3°C (27°F). Temperatures rose to near normal in the north on the 29th but along the southeast coast remained below freezing all day. Showers on the 31st were confined to eastern districts. Temperatures were below normal in the south and southwest, elsewhere values were close to average. Sunshine generally was above average but rainfall values were well below normal except in East Anglia and Kent.

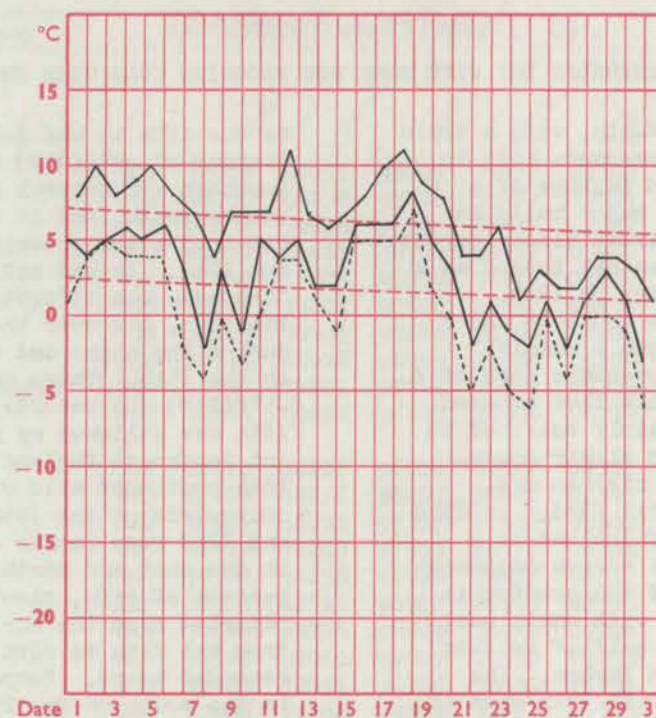
PLACE	TEMPERATURE										SUNSHINE										RAINFALL												Days with thunder	Days with snow or rain and snow	Days with fog (Vis. \leq 100 metres at 09 h.)
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days 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	06.5	-0.6	02.1	-0.5	12.3	04	-03.6	09	17	11	13	05.8	05	037	092	1880	072	1886	0.3	1890	19	13	03	038	073	1866	162	1914	06	1926	01	08	02		
Thorney Island	07.1	-1.1	02.2	-1.1	12.4	04	-03.5	27	19	11	12	07.0	13	062	115	1958	105	1962	037	1966	19	07	03	022	031	1941	114	1965	19	1953	00	06	00		
Gorleston	07.2	0.0	03.4	0.0	11.8	04	-00.9	31	15	05	11	06.2	15	049	107	1908	079	1962	016	1959	15	08	25	055	100	1914	104	1960	12	1932	00	07	02		
Cardington	06.3	-0.3	01.2	-1.3	12.4	04	-04.6	(b)	18	15	09	04.8	24	043	091	1954	091	1962	014	1969	21	14	03	036	084	1953	093	1965	10	1953	00	08	01		
Boscombe Down	06.0	-1.0	01.2	-1.2	11.7	04	-05.2	28	22	15	15	05.6	31	051	104	1932	091	1962	020	1956	19	06	29	024	031	1931	204	1934	11	1933	00	07	00		
Ross-on-Wye	06.2	-1.2	02.3	-0.9	11.6	18	-04.1	09	16	13	12	06.9	31	040	080	1914	078	1948	026	1956	17	06	05	022	032	1859	197	1929	11	1926	00	04	01		
Rhoose	07.0	+0.6	02.3	-1.6	12.0	04	-03.5	(c)	14	12	12	07.2	31	056	140	1954	065	1961	003	1956	13	15	03	056	061	1954	208	1965	42	1957	00	05	00		
Mount Batten	08.0	-1.2	04.3	-0.8	12.7	03	-02.8	27	14	06	09	05.8	(b)	067	129	1921	082	1946	027	1927	15	08	12	057	050	1948	229	1965	19	1953	01	05	00		
Elmdon	06.1	-0.5	01.6	-0.6	11.0	18	-04.0	09	17	15	08	06.2	08	047	118	1928	059	1967	019	1956	16	08	03	027	044	1933	138	1965	08	1933	00	10	01		
Valley	08.1	-0.6	04.3	-0.9	11.5	03	-02.0	27	13	07	07	06.7	20	060	139	1913	080	1960	015	1931	11	07	03	049	054	1946	179	1964	17	1963	00	05	00		
Ringway	06.4	-0.3	02.7	+0.4	11.1	18	-03.3	31	14	07	10	05.9	20	054	169	1945	061	1962	016	1947	14	07	05	027	039	1929	180	1965	08	1933	00	07	00		
Watnall	05.9	+0.2	02.1	-0.3	10.8	02	-03.3	26	18	11	16	05.6	09	046	121	1948	062	1961	012	1956	17	05	03	029	049	1946	180	1965	19	1963	00	07	00		
Finningley	06.6	-0.3	02.8	+0.5	11.8	19	-02.3	09	16	11	11	05.5	04	049	148	1958	058	1967	014	1958	16	05	26	022	047	1958	097	1965	08	1963	00	08	00		
Tynemouth	06.7	-0.3	03.6	-0.1	12.0	18	-00.6	31	08	01	11	05.4	(a)	050	151	1936	071	1966	023	1968	12	10	30	056	092	1864	133	1915	04	1905	00	08	00		
Eskdalemuir	04.9	-0.2	00.9	+0.1	09.5	(a)	-07.5	31	19	14	12	06.3	21	051	142	1910	074	1967	003	1912	10	19	16	096	060	1910	339	1932	33	1933	00	09	00		
Abbotsinch	07.3	+0.7	02.2	0.0	12.5	18	-05.9	31	17	10	11	06.2	07	046	177	1921	068	1967	009	1956	15	17	02	063	059	1920	230	1929	15	1933	00	07	00		
Leuchars	06.5	0.0	01.9	-0.2	12.1	19	-02.2	12	19	10	09	06.6	09	062	138	1921	082	1967	016	1934	20	19	02	032	059	1921	127	1959	08	1926	00	05	00		
Dyce	06.1	+0.1	01.4	0.0	12.3	19	-03.9	08	22	08	11	06.0	04	044	098	1925	067	1951	017	1968	15	05	23	027*	033	1946	147	1955	27	1963	00	09	00		
Stornoway	07.2	-0.1	02.7	-0.9	10.8	18	-04.5	21	16	05	14	05.3	07	023	089	1880	054	1935	006	1884	09	10	05	064	062	1942	214	1949	58	1963	00	01	00		
Aldergrove	06.9	0.0	02.6	-0.3	12.1	18	-04.0	31	14	08	13	06.1	22	047	134	1927	070	1935	017	1954	16	05	06	036	036	1926	145	1929	15	1963	00	05	00		
(a) 19, 20 (b) 25, 28 (c) 26, 27										(a) 09, 20 (b) 08, 09										* Equal Lowest															

Corrections to Monthly Summary No. 179 November 1970
WATNALL: Total rainfall 132, Percentage of average 194

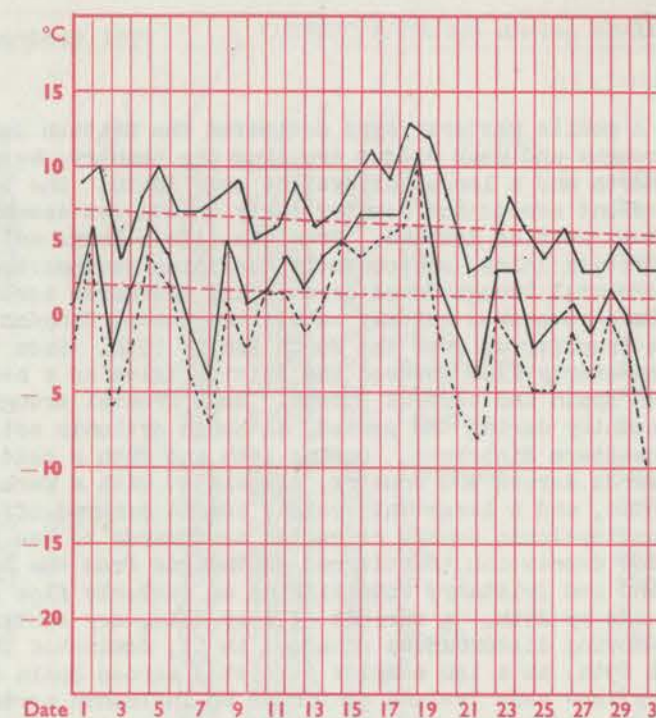
LONDON (Kew)



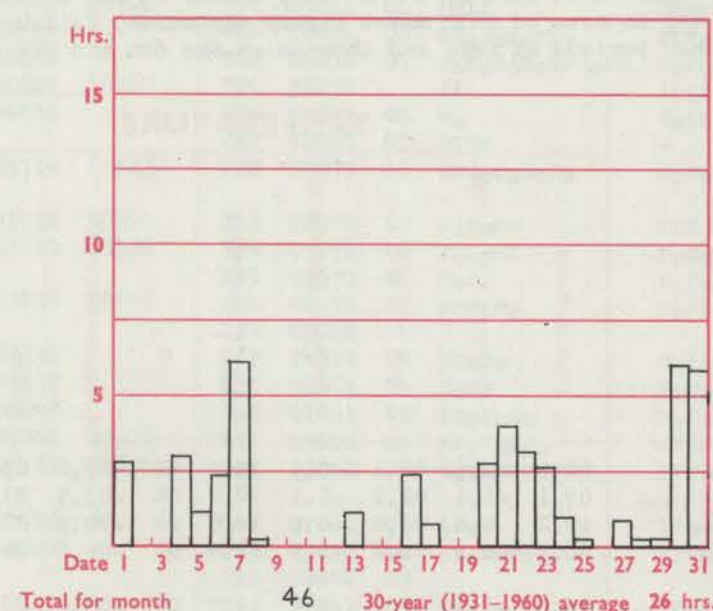
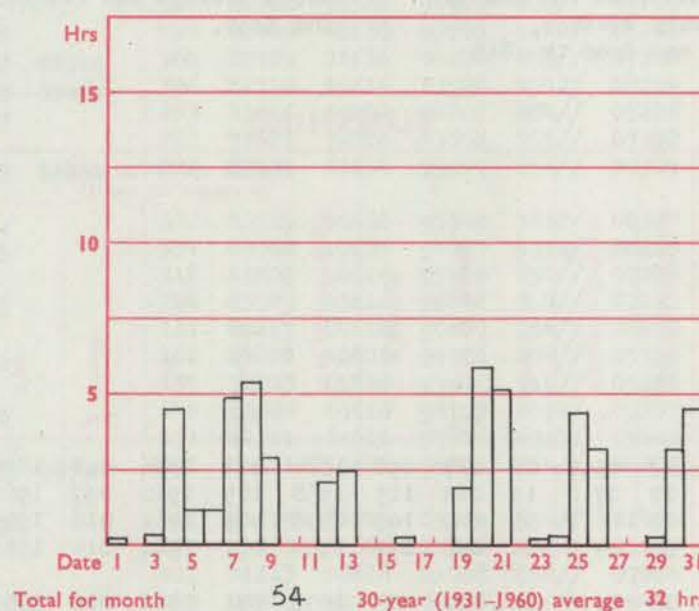
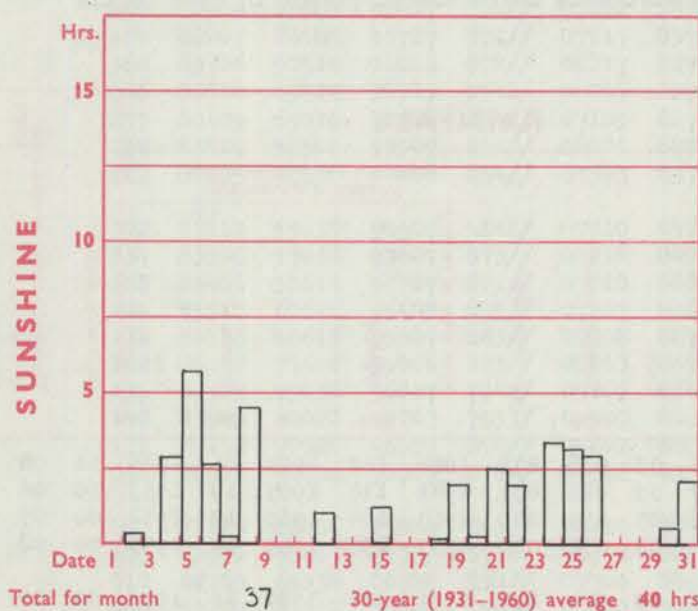
MANCHESTER (Ringway)



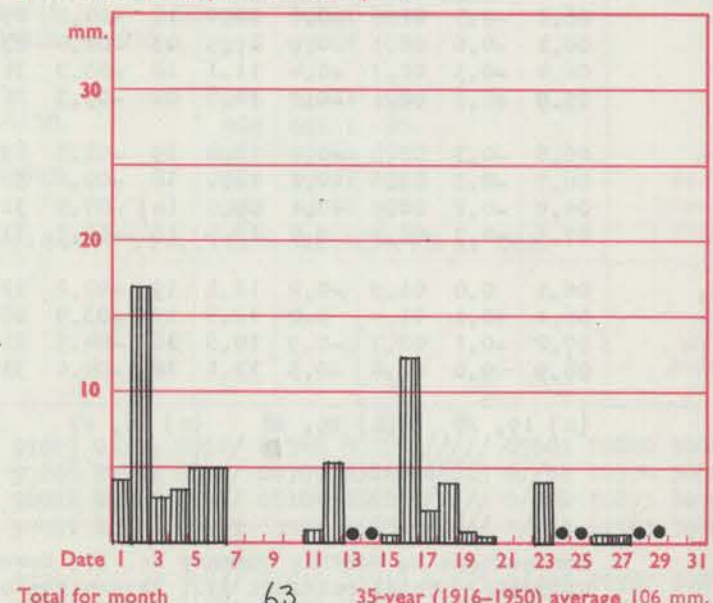
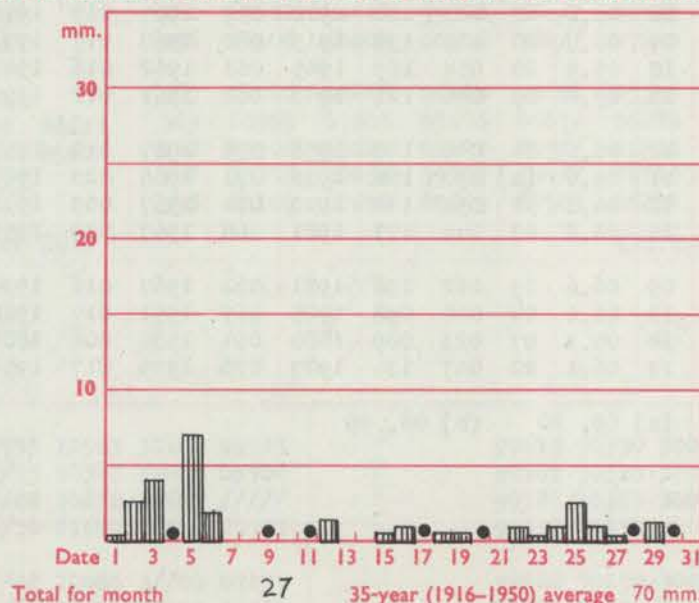
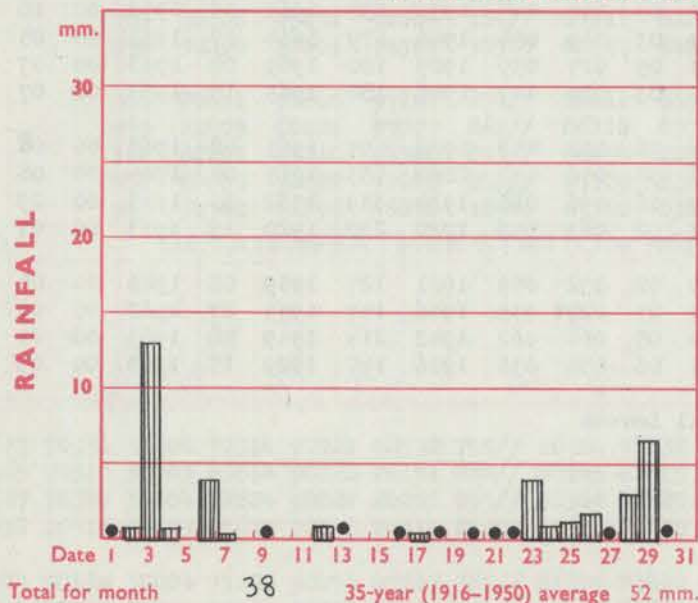
GLASGOW (Abbotsinch)



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.

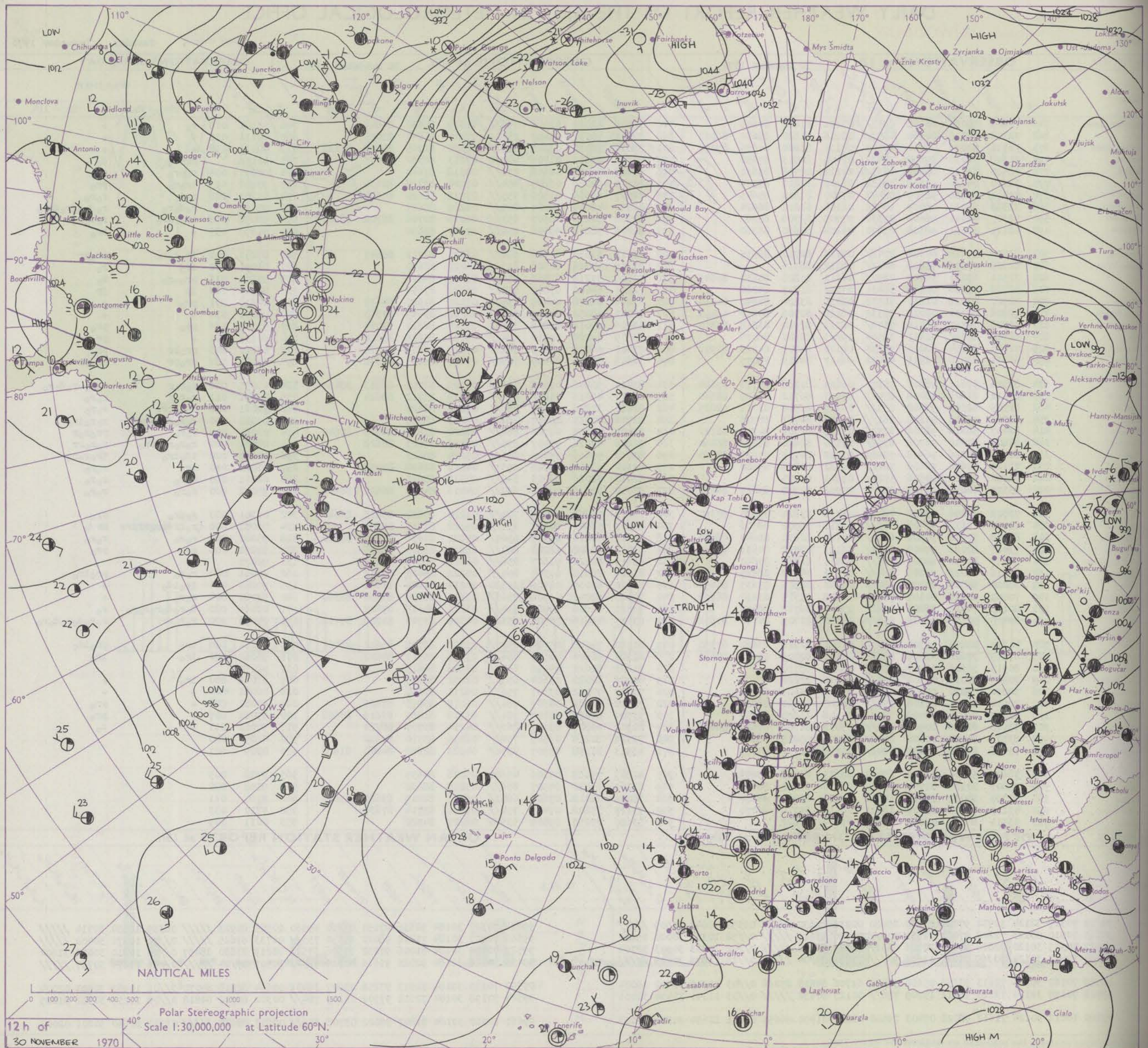
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39821

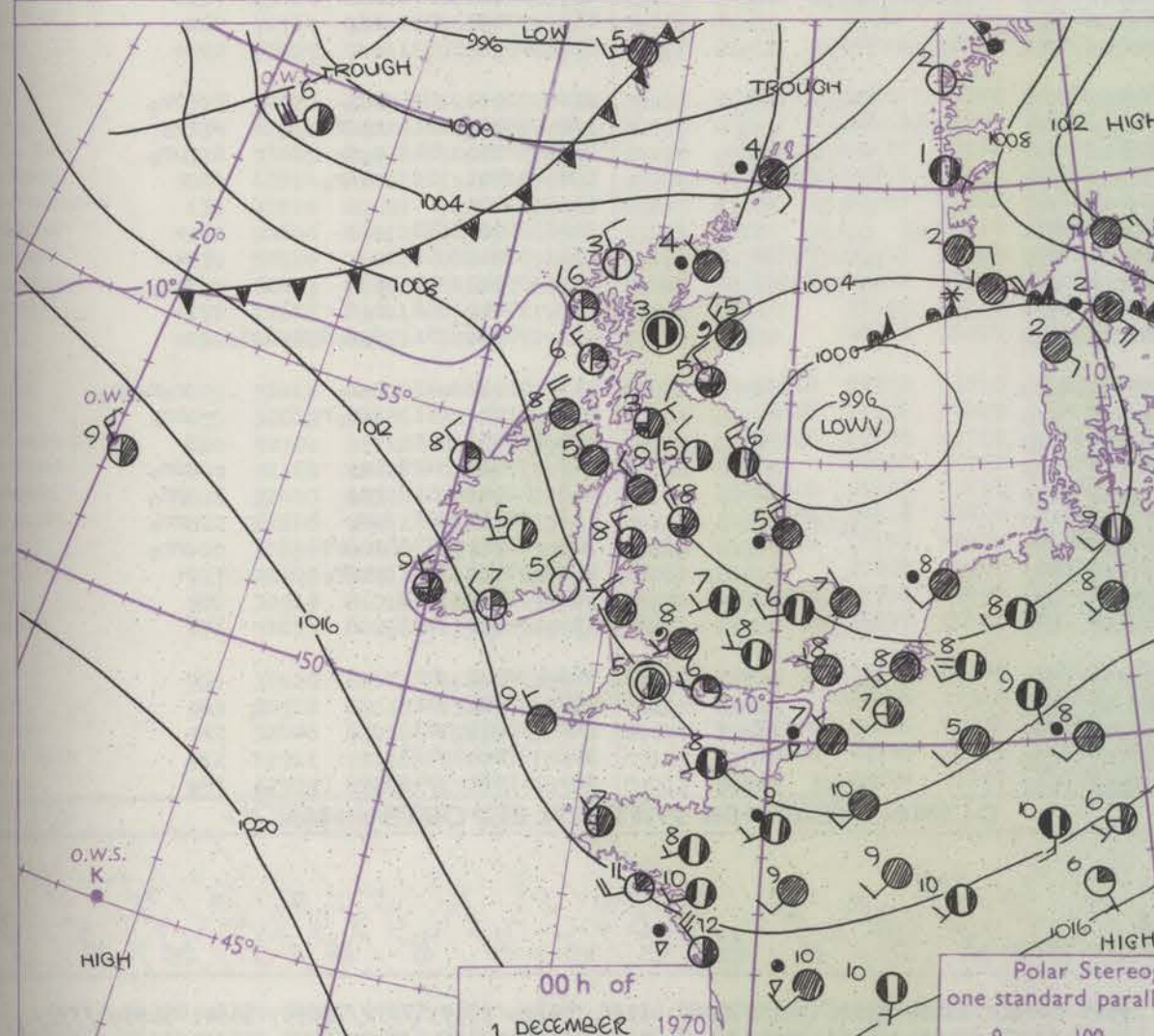
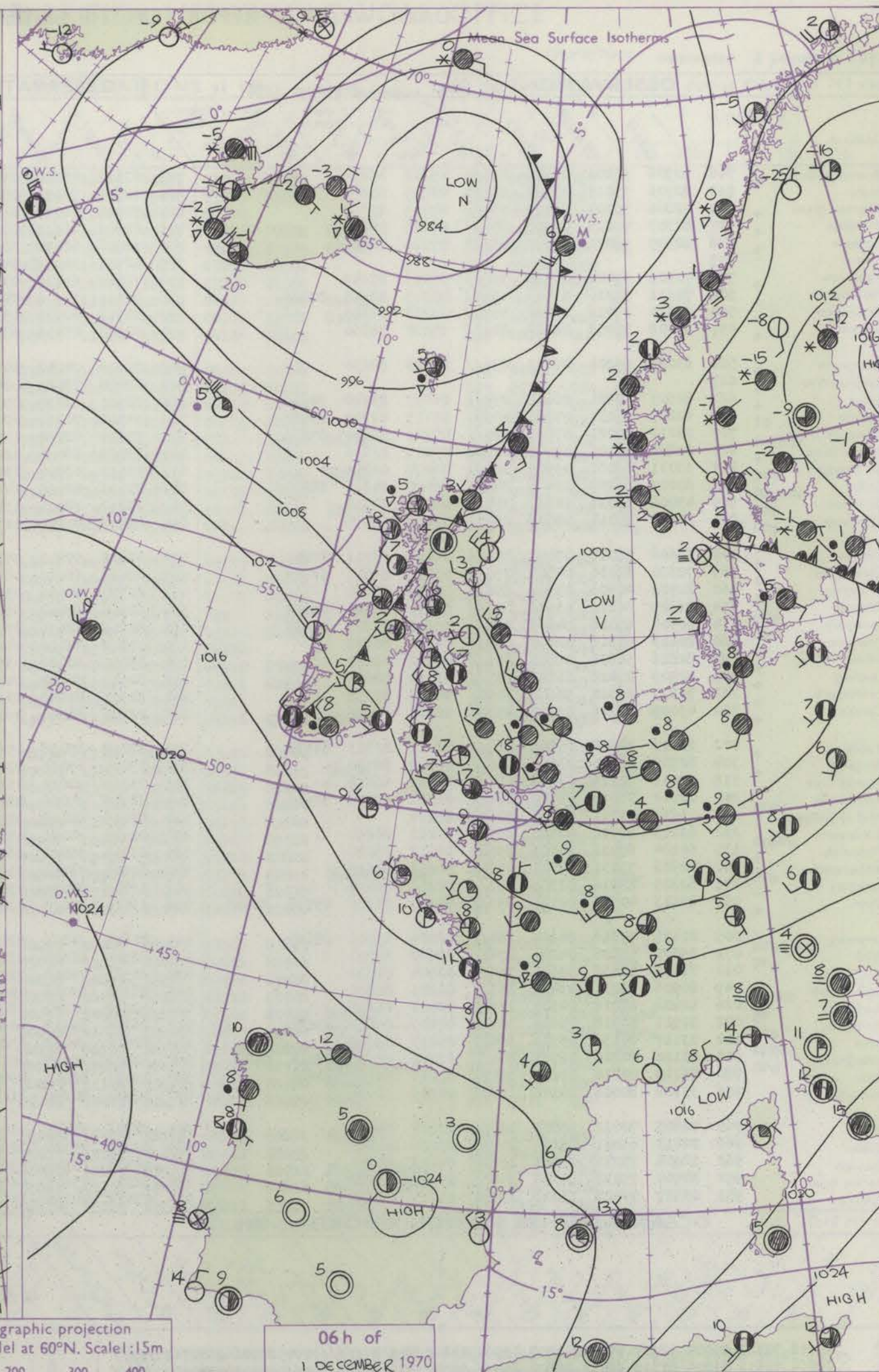
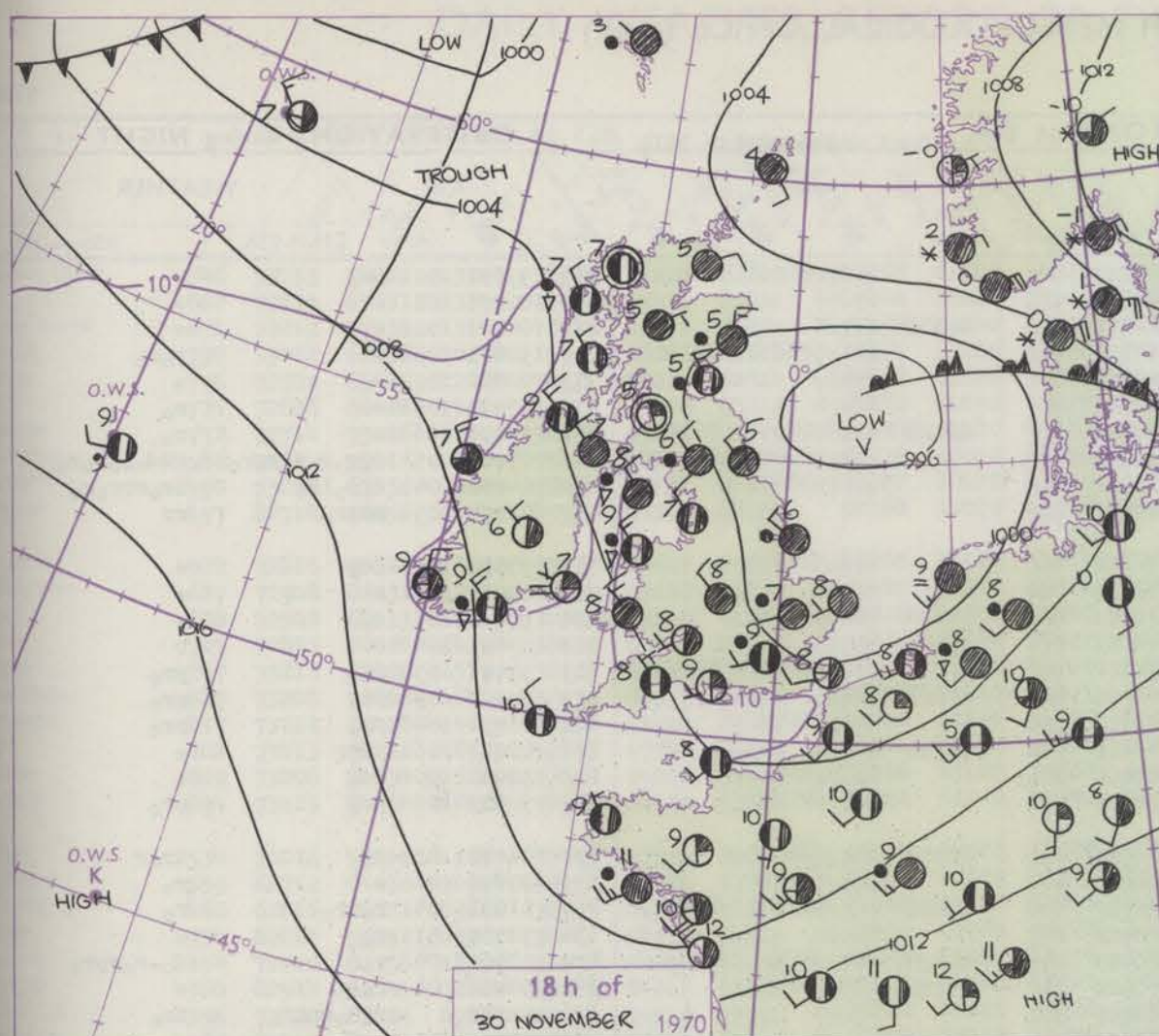
Date of Issue Tuesday 1 December 1970

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
30 November 1970										30 November 1970														
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	θN _s Ch _s h _s	θN _s Ch _s h _s	θN _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	θN _s Ch _s h _s	θN _s Ch _s h _s	θN _s Ch _s h _s	iii	RR T x E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	72609	69016	00108	6853/	07111	81820	84656		746	72809	62022	02907	756//	07319	85630	86645		746	93101	018	r _o	+	
Hurn	862	72308	68016	00910	6857/	08216	81820	85650	86362	862	72407	50051	03409	15601	07217	81640	83075		862	00111	012	+	+	
Thorney Island	871	72511	82026	00710	48502	08112	81820	84636	87070	871	72610	66032	03309	795//	08220	81925	83628	87636	871	00111	008	+	+	
Manston	797	72308	74038	99809	784//	07104	82815	87650		797	52310	81011	01808	40972	07213	84362	84075		797	01101		prpr _o	d _o	
Gatwick	776	72410	65038	00009	6533/	07211	82708	85611		776	72408	66028	02608	756//	06218	87640			776	97091	006	r _o pr _o	pr _o	
Kew	775	72207	74036	99109	38451	07207	82810	85359		775	82305	62026	01809	854//	07220	83718	88630		775	93101	013	ir _o r _o	ir _o	
Heathrow	772	72411	70036	98909	58442	07107	81814	85645		772	72507	65606	01509	755//	07218	82620	87634		772	01101	008	r _o r _o	r _o r _o	
Honington	586	72309	66031	98009	68432	06106	81812	86624		586	82510	48606	00207	855//	06220	88627			586	95091		r _o d _o r _o	r _o d _o r _o	
Wattisham	590	52307	48011	98608	27330	07005	82708	85360		590	82608	50216	00507	853//	06216	82706	86708	88616	590	96092	006	ir _o r _o r _o	r _o d _o r _o	
Gorleston	497	62111	58051	98308	25670	06208	82630	86360		497	82206	58216	99008	856//	07307	88630			497	91092	033	+	ir _o	
Aberporth	502	83016	59616	00108	2742/	07116	82710	88535		502	83013	61036	03908	854//	06221	82712	88647		502	07091	000	ir _o r _o r _o	pr _o pr	
Ross-on-Wye	627	82305	77216	98608	864//	06112	88715			627	82205	77026	02308	856//	06222	88630			627	01091	000	ir _o	r _o	
Filton	628	72511	69031	99409	785//	06111	81820	85630	86645	628	42606	57218	02808	45600	06221	84640			628	97101	016	pr _o -r _o	r _o	
Rhoose	715	52712	75036	00009	38431	07112	81817	84360		715	72911	64022	03507	757//	06222	87656			715	00101	014	jp	jp	
Chivenor	707	72907	82028	01210	58532	08115	83824	84640	86360	707	63209	66028	04409	43501	07222	81920	84635		707	02111	001	pr _o	+	
Mount Batten	827	72806	80031	02010	38332	08116	81709	83650	86365	827	73203	58052	04909	3563/	08222	83645	87363		827	00111	034	+	+	
St. Mawgan	817	72708	74151	02211	5346/	08111	82910	83818	85360	817	53406	69018	05808	38402	06225	82817	83075		817	97111	026	pr _o	pr _o	
Silly	804	62802	82022	02411	38504	09213	82820	86075		804	73509	82028	06710	784//	09229	85815	85620		804	94131	022	+	pr	
Culdrose	809	72603	72258	02010	53333	08110	81709	84815	82912	809	73503	66028	05609	58430	07229	81816	85632		809	03101	003	pr _o pr	pr _o	
Guernsey	894	62614	83018	02911	48432	06117	84819	85075		894	72305	80258	04609	7853/	07214	84825	86640		894	03121	032	pr _o pr	pr _o pr	
Elmton	534	82506	57616	98007	7537/	06010	81708	84712	87624	534	83010	50216	01508	7232/	06325	82709	86813	88459	534	01091	000	r _o r _o r	r _o r _o -r _o d _o r _o	
Cardington	559	82211	61606	98008	854//	07107	86712	84625	88640	559	82310	48616	01008	854//	07219	85712	88624		559	02091	011	r _o r _o r	r _o r _o	
Wittering	462	82509	62581	97408	853//	06107	81708	83711	88625	462	82810	32216	00207	855//	07220	88627			462	01081	006	d _o r _o rr _o	r _o r _o	
Watnall	354	82704	80616	97207	861//	07110	84702	88705		354	82706	32215	00607	854//	05223	88617			354	05081	000	d _o r _o r _o r _o rrf	r _o r _o ir _o	
Shawbury	414	82407	56616	98108	6732/	07215	82706	84708	86712	414	82407	74038	01708	884//	06220	81818	84625	88649	414	03081	000	r _o r _o	pr _o r _o r	
Finningley	360	82804	17616	96708	6552/	07110	82620	86650	88460	360	82806	40616	99407	855//	06219	84623	88628		360	07081	000	r _o r _o r _o r _o r _o	r _o r _o rr	
Kilnsea	396	82710	32216	96408	7542/	07210	84715	87625	88460	396	83010	59616	99206	855//	05225	88623			396	01082	000	id _o ir _o	ir _o r _o r _o	
Leeming	257	73110	80606	96608	784//	04211	82816	87620		257	82912	69616	99006	2557/	04219	82628	88458		257	01081	000	ir _o	r _o r _o	
Tynemouth	262	83220	58022	94506	5727/	05101	85705			262	82910	58026	96205	855//	04317	88625			262	02071	000	r _o r _o	r _o r _o	
Carlisle	222	83310	66616	97707	853//	05008	81709	83615	86625	222	83010	62616	00506	6542/	04216	84617	86625	88459	222	95071	000	r _o r _o	r _o r _o	
Valley	302	73513	74256	99610	4847/	07116	83814	83630	87360	302	73216	69808	02909	784//	06220	83812	85818	86640	302	01101	000	r _o pr _o	pr _o	
Ringway	334	82806	12636	97407	871//	07111	86702	88706		334	82907	56046	00907	854//	05322	81713	88650		334	02081	000	r _o rrf	r _o r _o	
Squires Gate	318	83408	50616	97908	6567/	07114	82630	85640	88460	318	73311	58216	01107	6567/	05222	84636	85650	87360	318	95081	000	r _o r _o	r _o r _o	
Ronaldsway	204	73407	80026	99409	6843/	06113	82712	84616	87360	204	83012	70808	02208	884//	05219	86815	88635		204	91091	000	r _o	pr _o	
Mull of Galloway	131	73615	80156	99207	785//	06111	81820	87640		131	83615	80022	01607	856//	06218	88645			131	91071				
Ekdalemuir	162	83516	62026	98205	854//	02111	84712	88625		162	83316	78218	00304	855//	00320	85621	88642							

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

Issued at midday Tuesday 1 December 1970

A depression has remained almost stationary in the central North Sea and filled steadily. This process should continue and a new low pressure area will form over south Scandinavia. Yesterday's complex low pressure area over Iceland has

moved slowly east and the main depression, now to the east of Iceland will move eastnortheast towards O.W.S.'M'. A weak ridge of high pressure from the Azores high is moving slowly east across the British Isles.

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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		1 December 1970										1 December 1970																			
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	RRT _n T _n E	T _g T _g	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	62906	58101	06806	656//	05218	86634			746	62812	56028	08607	656//	05210	82636	85656		746	97051	01	pr _o	+								
Hurn	862	22706	75011	07108	15601	04219	81640			862	62707	75021	09807	657//	06215	86656			862	00051	02	+	+								
Thorney Island	871	72806	50101	06707	757//	07115	87650			871	72908	56021	09207	757//	06213	87650			871	00061	02	+	+								
Manston	797	82707	70025	05208	856//	07216	88642			797	82608	66612	07107	6567//	06211	84630	86650	88360	797	92071	05	+	r _o r _o								
Gatwick	776	82505	58021	05907	856//	07215	88641			776	72408	60021	08007	756//	05213	87647			776	00041	02	+	+								
Kew	775									775	62705	74012	07408	55601	05313	85638			775	97071	05	+	r _o								
Heathrow	772	72705	60026	05408	756//	07217	87647			772	72709	62216	07308	4567//	06210	82635	84647	86359	772	97071	06	+	r _o								
Honington	586	72511	50216	03406	6567//	05215	86640	87360		586	82511	37616	04907	852//	06304	81704	85620	88630	586	07061	05	d _o r _o d _o r _o r _o r _o r _o	rRd _o r _o r _o r _o								
Wattisham	590	52810	37016	04006	55600	05213	85645			590	82711	40636	05506	855//	06206	85620	88640		590	04052	04	d _o r _o i _o	i _o r _o rr _o r _o								
Gorleston	497	83402	50056	02607	8097//	07220	88360			497	82308	48636	03906	855//	05001	88620			497	02072	05	rrir _o	rr								
Aberporth	502	83020	69208	07207	856//	05120	88630			502	72918	74032	10407	784//	04316	82816	87640		502	97071	05	1d _o	+								
Ross-on-Wye	627									627	22407	77021	08407	25600	04215	82630			627	00061	03	+	+								
Filton	628	82507	50501	06608	854//	06217	83710	88636		628	32511	62035	09007	38500	05215	81820	83650		628	97061	04	d _o	+								
Rhoose	715	42807	66031	07107	45300	07115	82709	83630		715	52912	70011	10107	55600	05318	85630			715	97051	04	+	r								
Chivenor	707	73210	80021	07909	786//	07216	82830	87656		707	73213	82028	11309	785//	05217	83826	83634	87648	707	97071	03	pr _o	pr _o								
Mount Batten	827	22804	40101	09107	25700	07219	82656			827	73009	66028	12208	756//	05317	87638			827	91061	01	pr _o	pr _o								
St. Mawgan	817	33011	66011	09909	38400	06220	82813			817	73312	62808	13108	784//	04215	83816	83630		817	01051	04	pr _o	pr _o								
Silly	804	83007	66258	11409	884//	08220	84816	88625		804	33113	82018	14609	38400	05218	82816			804	02081	06	pr _o	+								
Culdrose	809	43008	68011	10307	38430	06222	82818			809	33211	72015	13408	38500	04318	82820	83630		809	97051	00	1d _o	+								
Guernsey	894	23109	80018	08508	28402	07222	82818			894	63113	80258	11709	684//	07212	83818	85650		894	92081	06	pr _o	pr _o								
Elmdon	534	72606	58016	05007	754//	06215	83711	87647		534	82808	57212	07307	854//	06215	85710	88630		534	01072	05	r _o	ir _o r								
Cardington	559	72310	62036	04507	755//	07112	84620	87644		559	82411	66022	06407	855//	05211	82625	88648		559	97071	06	+	r _o								
Wittering	462	82708	40606	03907	856//	05216	88630			462	82712	64026	05507	854//	05210	83614	85618	88635	462	01051	04	r _o rr _o	r _o								
Watnall	354	82609	56216	03506	855//	04110	82620	88633		354	62804	64012	06006	65700	04319	86656			354	91031	51	r _o	+								
Shawbury	414	82507	69026	04807	855//	05211	83625	88631		414	82711	62636	07507	6732//	06218	82708	84715	88518	414	03061	04	r _o r	d _o -r _o r _o r _o								
Finningley	360	82813	61616	02406	8062//	04111	88548			360	82912	64016	04807	3577//	04216	83650	88459		360	94051	04	r _o r _o	+								
Kilnsea	396	82816	58636	01805	855//	04212	88625			396	83017	66026	03906	855//	03216	88625			396	01052		r _o r _o rrir _o	ir _o								
Leeming	257	82909	82026	01706	855//	03114	88628			257	82913	74022	04705	856//	02217	88634			257	00041	01	+	+								
Tynemouth	262	72815	66028	99606	7097//	04215	87358			262	82911	81022	03805	8097//	03220	88358			262	97031	01	pr _o	+								
Carlisle	222	43009	74026	03205	45700	02213	84656			222	12606	66020	06102	15600	01216	81645			222	00021	52	+	+								
Valley	302	63017	74258	05808	684//	06215	82813	86630		302	83018	80038	09208	884//	04221	83816	88628		302	91071	04	pr _o	pr _o								
Ringway	334	82707	40606	03607	856//	05209	88632			334	33005	65026	06705	35600	04219	83635			334	95051	01	r _o -rr _o	r _o								
Squires Gate	318	63011	62216	03808	654//	07211	86618			318	73310	70021	06907	755//	04219	81625	87641		318	92071	04	r _o r _o	pr _o								
Ronaldsway	204	82912	75018	04909	884//	06314	83715	88635		204	32916	75026	08107	28402	03318	81816	83070		204	93071	05	prir _o	r								
Mull of Galloway	131	03616	31011	04407	00900	05216				131	83618	82038	07506	856//	04217	88635			131	03051											
Eskdalemuir	162	63213	80012	02903	657//	51212	86650			162	02916	74021	05103	00900	01112				162	00021	52	+	+								
Prestwick	135	60104	65031	04603	65500	02213	86626			135	63305	75021	06506	68500	03210	82826	85634		135	00011	51	+	+								
Abbotsinch	140	42606	75031	04201	45600	00213	84636			140	62505	78251	05905	685//	03312	83820	86635		140	97011	52	+	pr _o								
Leuchars	171	62809	83016	02305	656//	02212	86630			171	12709	82031	03603	15500	01303	81620			171	97011	52	r _o	+								
Dyce	091	83313	40516	021																											

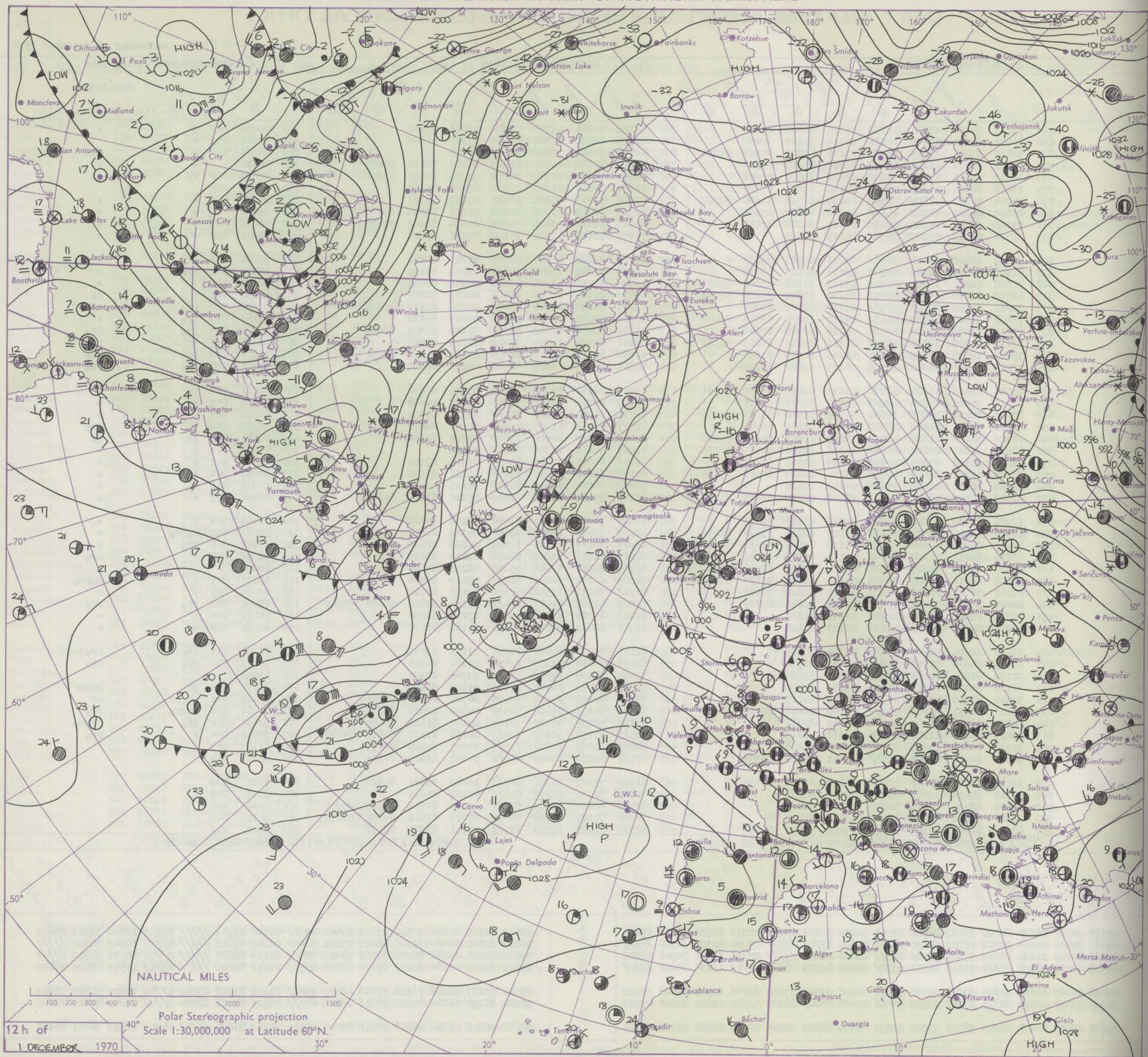
Date of Issue Wednesday 2 December 1970

Date of Issue Wednesday 2 December 1970

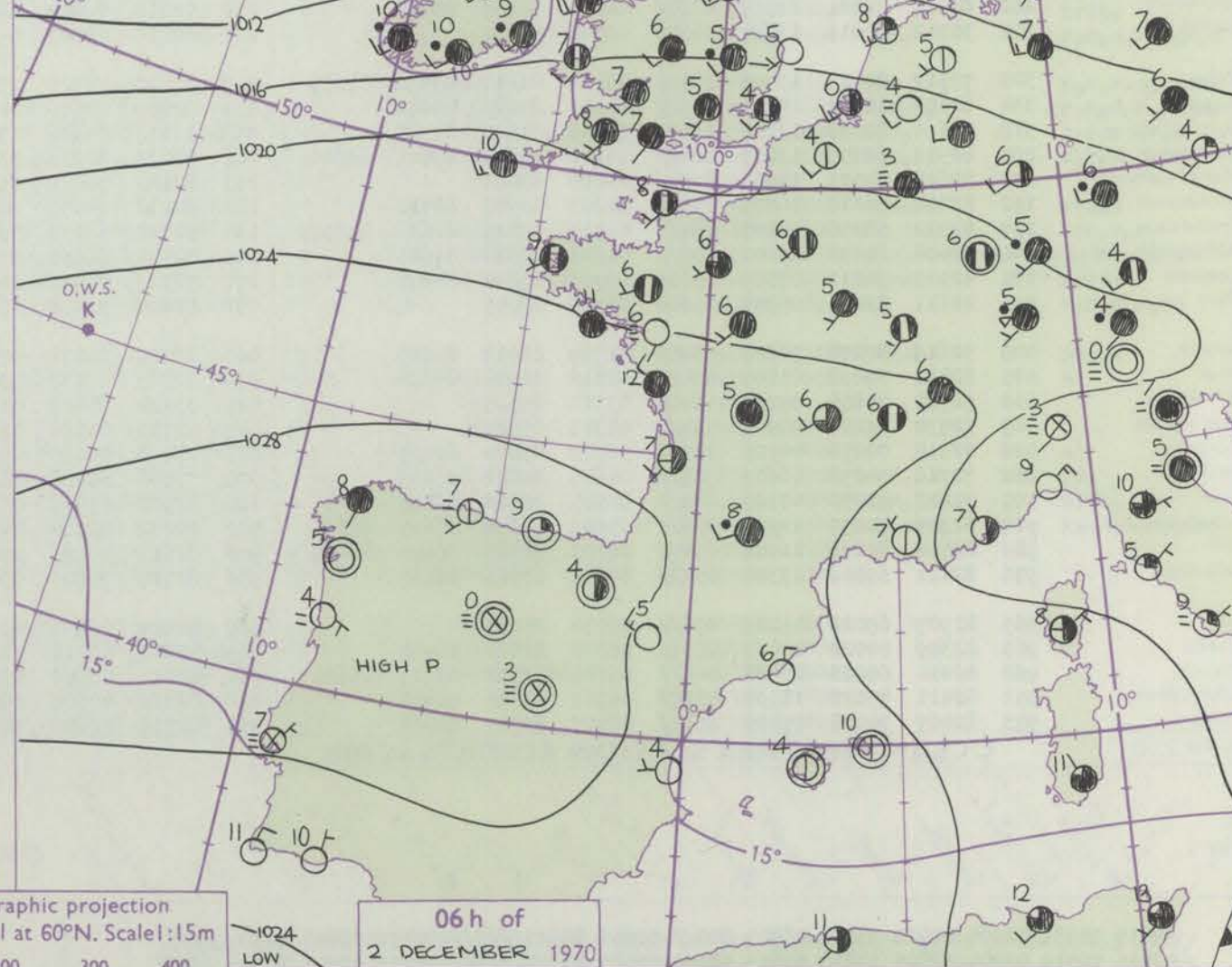
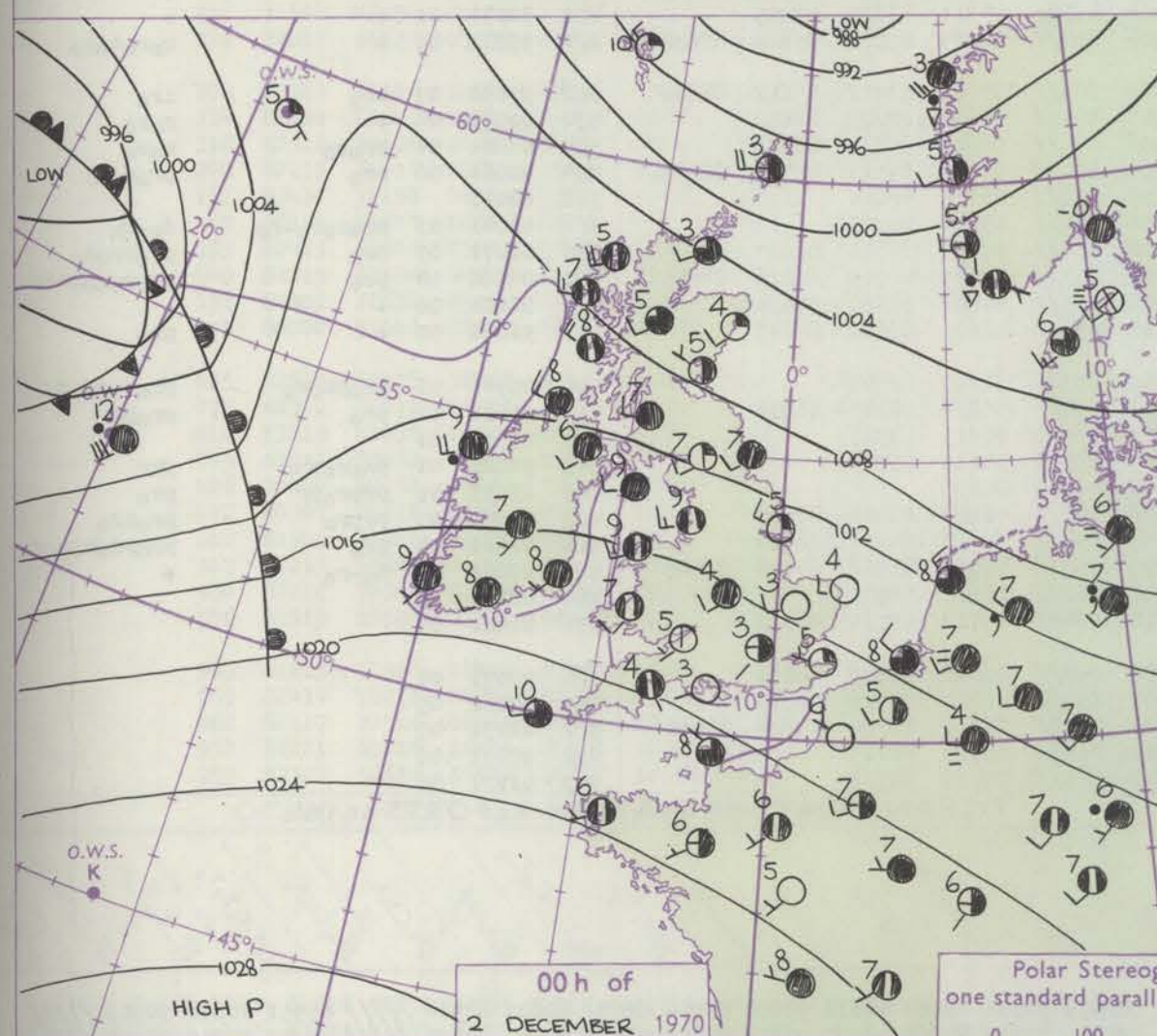
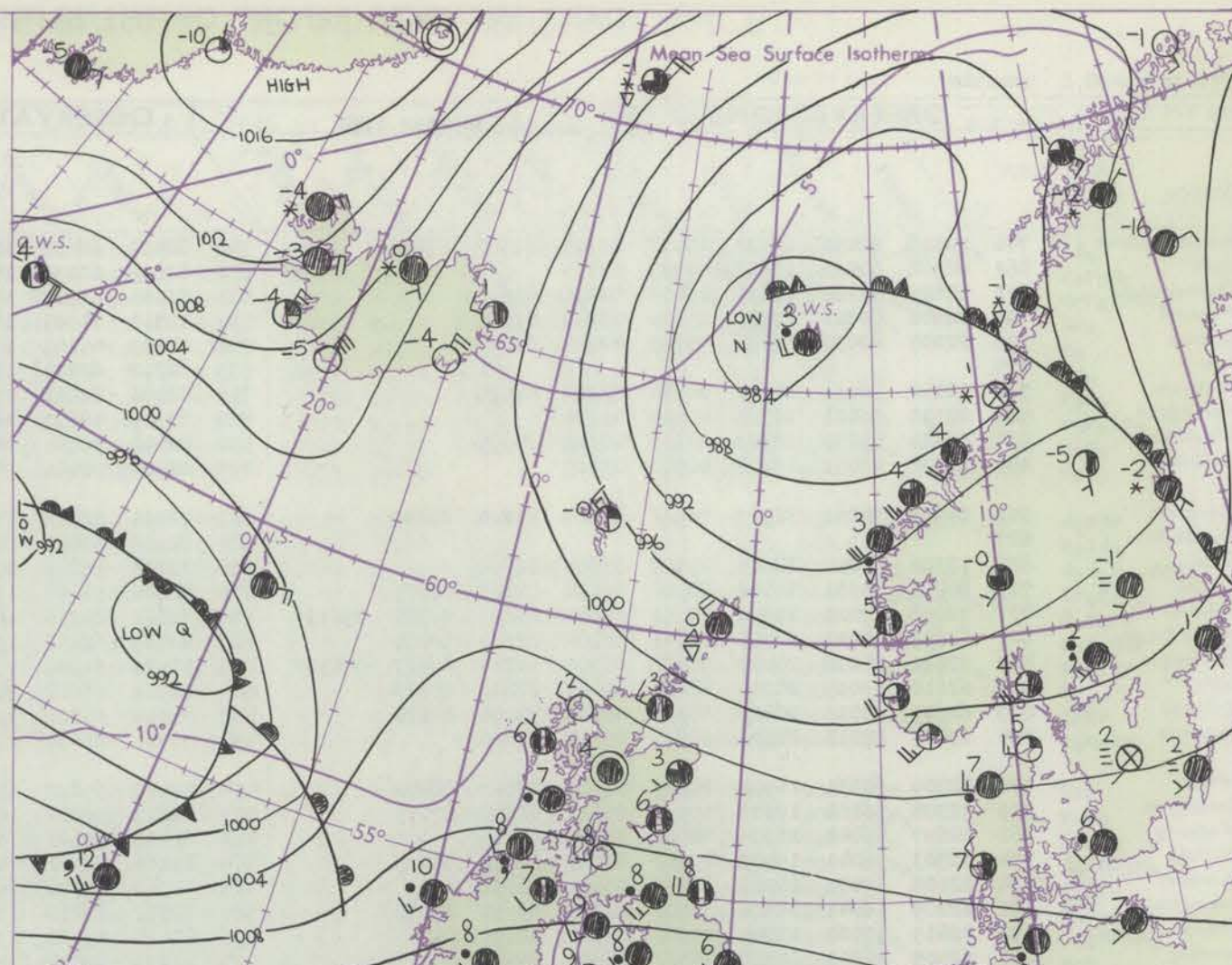
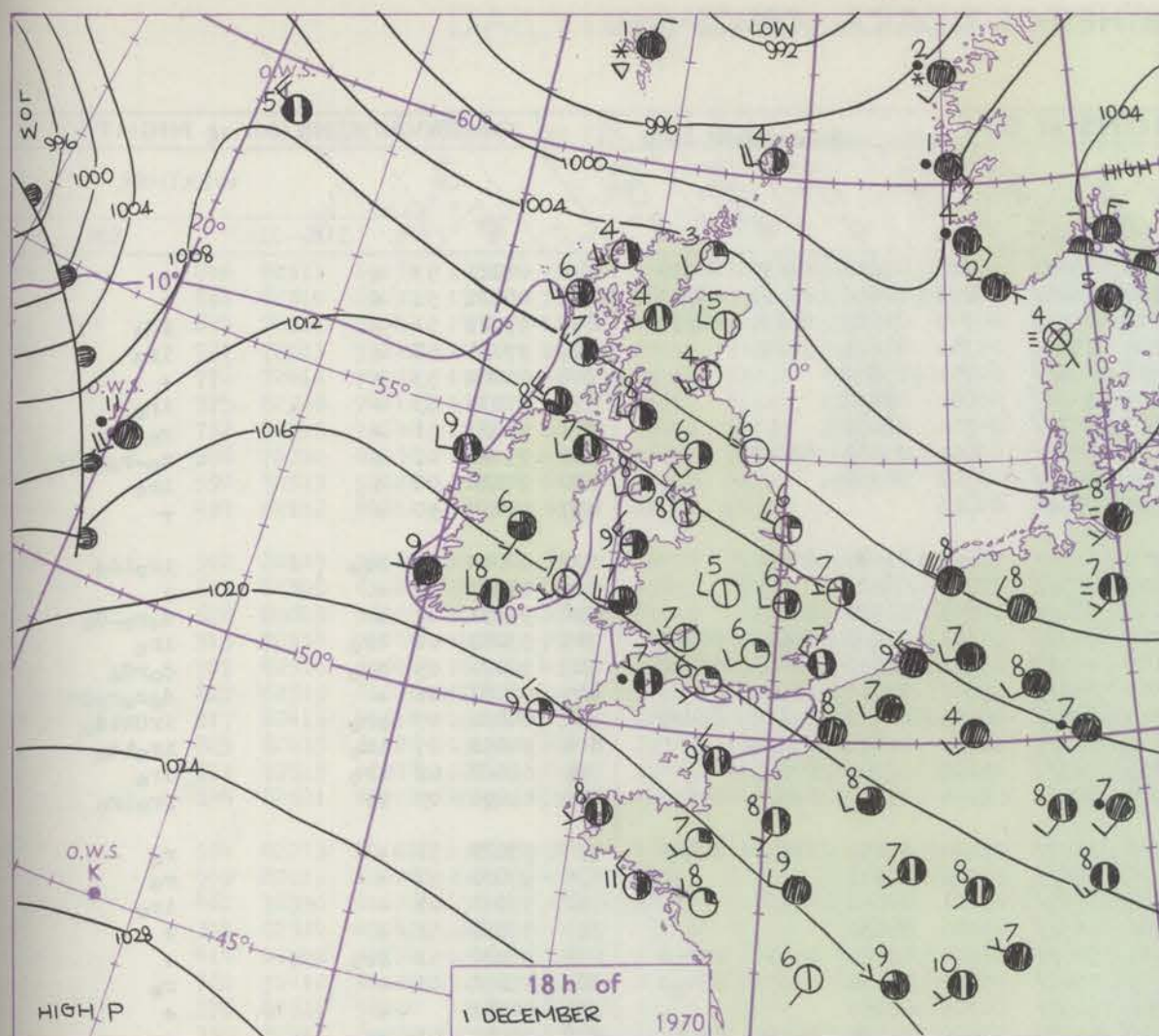
Code FM 21.D		OCEAN WEATHER STATION REPORTS at 12h.														OCEAN WEATHER STATION REPORTS at 18h.															
O.W.S.	99	L _a L _a L _a	Q _c L _o L _o L _o	YYGGIw	Nddff	VVwwWW	PPPTT	N _h C _h C _h C _h	D ₃ v ₃ app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT ₅ T ₅ T ₅ T ₅	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99	L _a L _a L _a	Q _c L _o L _o L _o	YYGGIw	Nddff	VVwwWW	PPPTT	N _h C _h C _h C _h	D ₃ v ₃ app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	OT ₅ T ₅ T ₅ T ₅	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
A	99619	70328	01124	60000	97022	08950	48567	00210	84832	////	06356	10621	30000	29606			A	99619	70329	01184	70710	97152	07402	6966/	00608	86943	////	05855	10580	30101	29505
B	99565	70510	01124	92222	93717	94800	9////	00620	89/04	////	0//50	10381	30504	////			B	99565	70510	01184	72725	98027	95051	62400	00309	87815	////	0//55	10343	30605	////
C	99528	70355	01124	82027	97152	92208	885//	00605	88620	////	0//06	10816	30908	18806			C	99526	70354	01184	82728	97028	93407	885//	00114	88820	////	0//06	10771	31109	////
D	99439	70423	01124	80220	97616	04712	6732/	21017	86709	88540	0//12	11636	30604	////			D	99440	70419	01184	80223	97026	01814	855//	21512	88620	////	0//12	11503	30604	18805
E																	E														
I	99591	70183	01124	72824	97278	05704	794//	61208	83912	87650	0//01	10997	30808	31912			I	99592	70187	01184	72922	97028	06305	7946/	61308	81912	83815	0//51	10895	30808	31912
J	99524	70195	01124	82320	97502	17909	854//	00000	85616	88620	0//05	11247	30404	29905			J	99524	70194	01184	82222	97616	13010	854//	61725	85712	88620	0//08	11245	30404	21005
K																	K														
M	99660	10012	01124	42220	98018	91905	38570	41804	81822	83640	05203	10686	30705	19904			M	99662	10018	01184	11810	98018	89005	18500	41813	81825	////	05303	10693	30401	20804

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

A depression over the central North Sea filled up during yesterday. Another off northeast Iceland yesterday will continue moving slowly but steadily northeast towards Norway without much change in central pressure. These systems are followed by a ridge of high pressure which now covers most parts of the British Isles, but a warm front, associated with a developing secondary depression about

400 miles west of the Hebrides, is already near the west coast of Ireland. It is expected to cross Ireland Wales and England during today with the secondary deepening a little and tracking across northern England into the southern North Sea by tomorrow morning. Northern Scotland will remain in the cold unstable airstream associated with the low near west Norway.

Issued at midday Wednesday 2 December 1970

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

Code FM I.L.D.	OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT				
	2 December 1970										2 December 1970														
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER			
																							2h.—03h.	03h.—09h.	
Boscombe Down	746	72508	62031	19303	10938	03108	81360	87273		746	82411	64032	18006	854//	05808	83618	84630	88650	746	00021	53	+		+	
Hurn	862	02502	60020	19803	00900	02210				862	82002	60031	18507	5547//	06809	82618	85630	88360	862	00011	51	+		+	
Thorney Island	871	12805	56100	19805	15400	04311	81618			871	81101	61021	19204	855//	04707	82627	86637	88650	871	97021	51	+		ido	
Manston	797	22806	64011	17905	25600	03212	82635			797	72310	74021	18504	15606	03303	81645	87275		797	97031	50	+		iro	
Gatwick	776	22005	40030	19002	00902	02213	82075			776	72103	45101	18803	756//	02701	87649			776	00001	53	+		+	
Kew	775									775	82202	62021	17805	856//	03803	88632			775	97031	53	+		iro	
Heathrow	772	52102	58031	18103	00904	02212	85075			772	82006	62022	17805	857//	04704	88650			772	97031	51	+		ro	
Honington	586	02511	56021	16503	00900	03215				586	82309	48601	16105	856//	03603	83630	88640		586	95031	01	+		ro-ro-ro-ro	
Wattisham	590	42610	57030	16703	00901	02213	84075			590	82410	56601	16604	856//	03703	88638			590	94022	00	+		iro	
Gorleston	497	02708	48051	15404	00900	03219				497	02407	58050	15005	00900	04806				497	00030	50	+		+	
Aberporth	502	71911	74251	16907	785//	06804	83820	87630		502	71910	82018	15907	1567//	06606	81645	87360		502	92071	05	pr		iroido	
Ross-on-Wye	627									627	82108	60022	16007	855//	06708	88625			627	00051	02	+		+	
Filton	628	12306	58050	18505	15700	03005	81650			628	82210	66026	17007	854//	06803	81711	88635		628	97051	02	+		do-ro-do	
Rhoose	715	60000	75031	18506	38506	05000	82820	86075		715	82810	58216	17208	6532//	07601	82708	86615	88463	715	93041	01	iro		iro	
Chivenor	707	72008	80021	19009	58531	07000	82825	84640	87075	707	72811	80216	18109	45428	07701	82712	84626	87270	707	96071	05	iro		doro	
Mount Batten	827	62603	58021	20706	25601	05205	82630	86070		827	82708	62206	19609	854//	09602	83715	88647		827	02061	01	+		doro-ro-dr	
St. Mawgan	817	72512	74038	20409	784//	08000	81710	84817	87650	817	82516	61216	19810	854//	08500	84710	85618	88628	817	04081	07	pr		irRRido	
Scilly	804	62610	74035	20910	684//	09807	82816	85623		804	82413	66212	20110	884//	10101	82816	88625		804	94091	07	ido		iroido	
Culdrose	809	62605	62016	20809	683//	08001	82706	84628		809	72714	68022	19810	783//	08102	82709	87625		809	01061	02	iro		iro	
Guernsey	894	23009	82018	21508	22500	05111	82820			894	72714	81038	20910	784//	08500	81710	83820	87640	894	01071	05	pr		proiro	
Elmdon	534	82309	60031	16904	20947	03105	82362	88272		534	82410	65212	15906	3577//	05804	83650	83362	88465	534	97021	51	+		ro	
Cardington	559	72308	56101	17603	10932	03113	81360	87075		559	82211	56602	16706	856//	04702	88631			559	97021	52	+		ro	
Wittering	462	32607	56041	16304	00901	03109	83075			462	82413	69601	15207	4567//	05811	84640	88457		462	97031	01	+		iro	
Watnall	354	62303	58041	15903	25502	03005	82625	85075		354	82106	50042	14706	856//	05706	88630			354	97031	51	+		+	
Shawbury	414	62108	69031	16005	656//	05101	86631			414	72310	74038	14607	785//	06710	82825	84635	85650	414	91021	51	pr		+	
Finningley	360	62209	56041	14306	35701	04103	83650	85075		360	82312	62212	13007	5562//	05807	82640	84656	88459	360	97031	01	+		ro	
Kilnsea	396	22815	57020	13905	00908	04707	82275			396	82418	59021	13306	8097//	04706	88460			396	00051		+		+	
Leeming	257	62309	74011	12408	655//	04603	86620			257	82105	82032	10909	5557//	04609	85620	85359	88364	257	00051	01	+		+	
Tynemouth	262	82511	74021	11007	4561//	06804	84635	88460		262	72718	74022	08908	1257//	05711	81820	87359		262	00051	01	+		+	
Carlisle	222	32312	80011	11807	28540	06101	81822			222	82214	66601	09808	854//	07714	83712	85624	88630	222	97071	05	+		ro-ro-ro-ro	
Valley	302	72517	80011	15409	38426	06501	81812	83630	87275	302	82420	74026	13809	854//	07811	83712	85622	88640	302	97091	07	iro		iro	
Ringway	334	82108	62021	15005	855//	03000	85622	88645		334	82009	70616	14107	855//	05803	82625	88650		334	92041	04	+		ro-ro	
Squires Gate	318	72614	80038	13809	2857//	07606	81820	87366		318	82412	65606	13008	854//	08807	85615	88638		318	97081	04	pr-ro		ro-ro	
Ronaldsway	204	82512	82258	13809	6842//	06601	81712	83816	86640	204	82413	80218	11709	854//	07712	83710	86714	88625	204	92081	06	pr		pr-ro-ro	
Mull of Galloway	131	82618	84021	12607	8092//	05000	88460			131	82521	80022	09808	856//	06715	88640			131	00071					
Eskdalemuir	162	82208	56618	10805	873//	04603	84708	88710		162	82212	48056	08706	862//	05814	88705			162	01041	03	pr-ro-ro-ro		do-ro	
Prestwick	135	82712	68258	10407	884//	05704	83815	84626	87657	135	82712	68218	08208	854//	07714	85711	88637		135	01071	05	pr		proiro-do	
Abbotsinch	140	72406	80038	09607	785//	04506	82824	87645		140	82511	68618	07107	853//	07715	81709	86616	88645	140	04062	04	pr		pr-ro-ro-dr	
Leuchars	171	42907	74011	07305	15601	03703																			

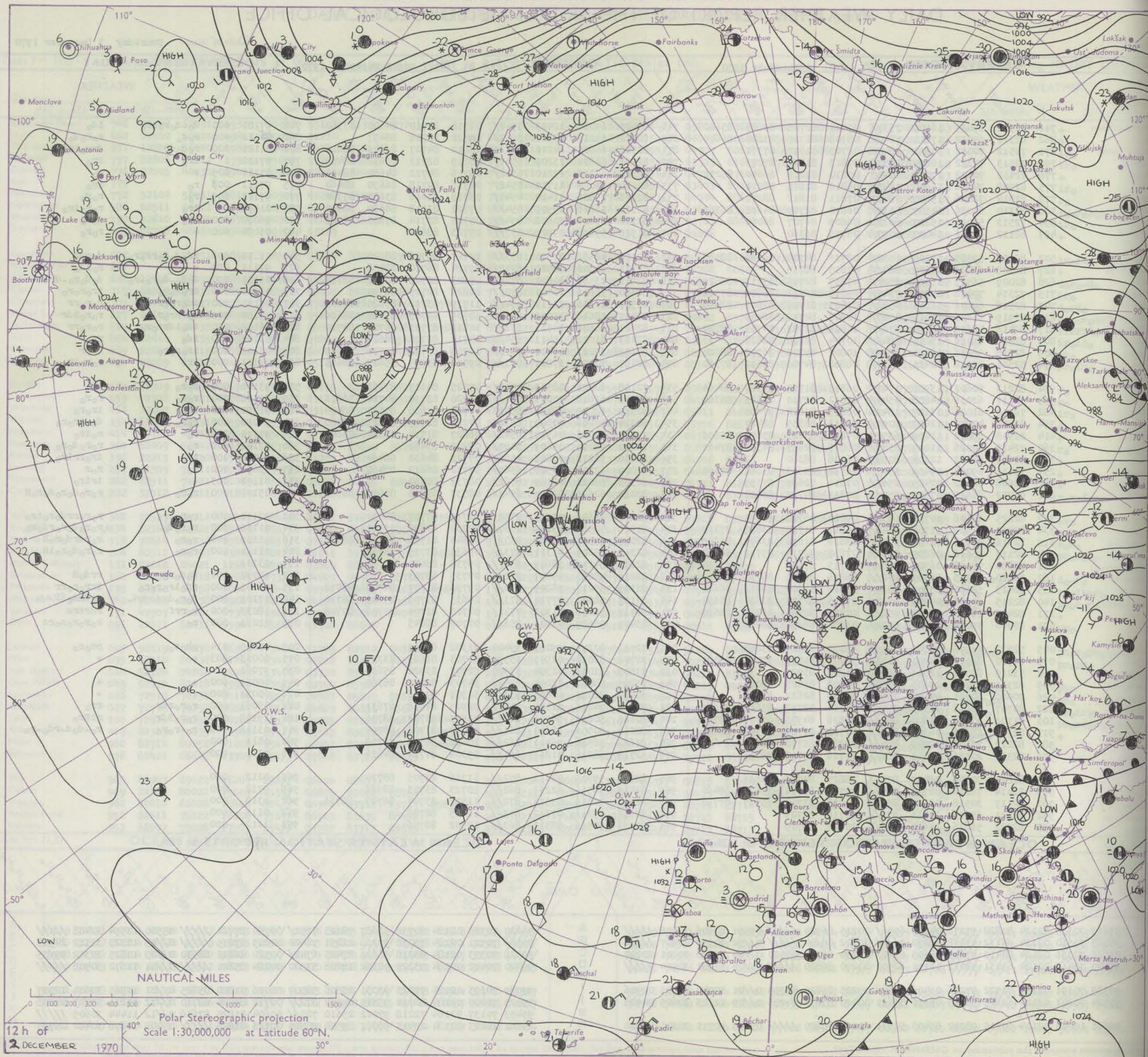
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39823

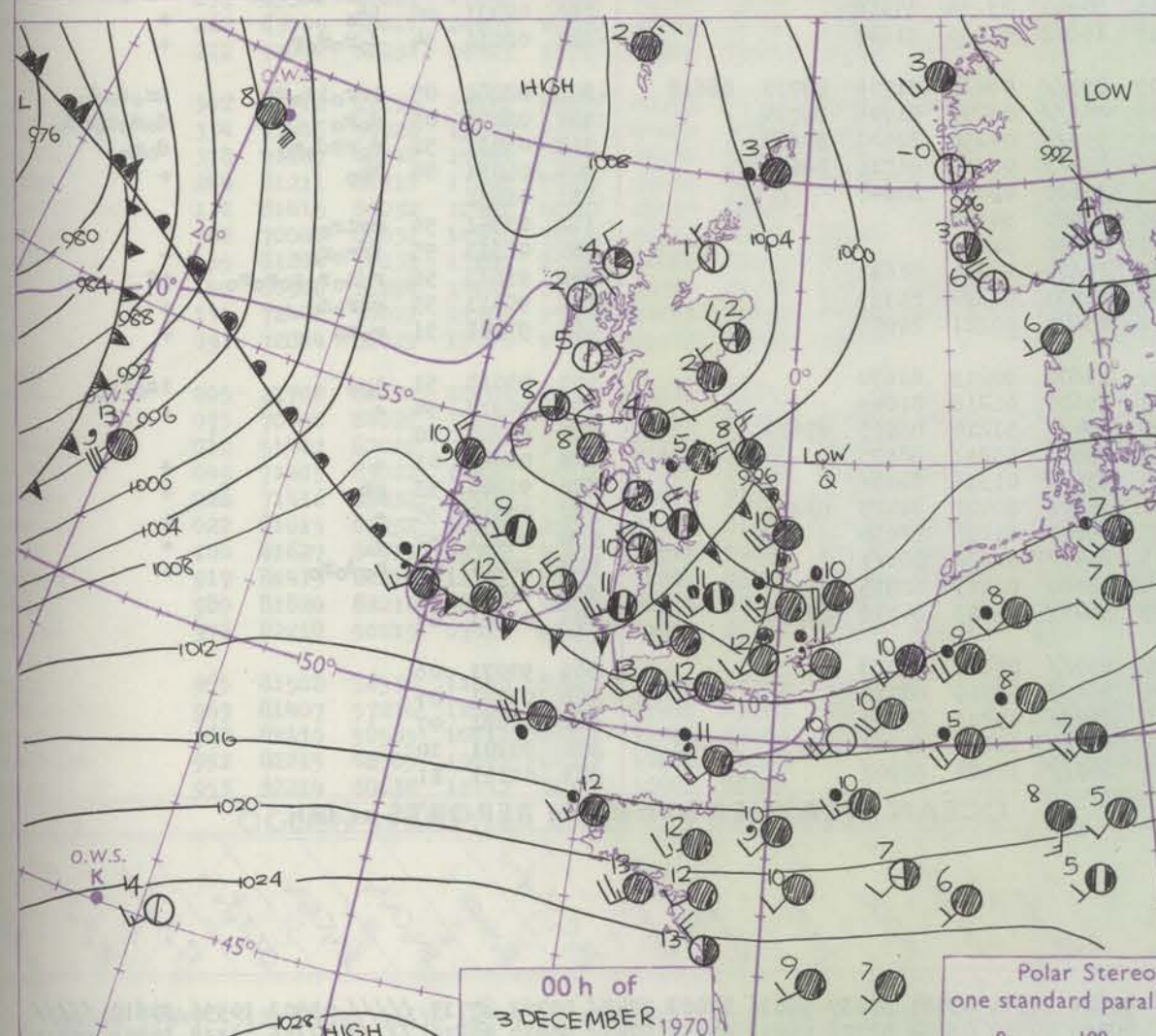
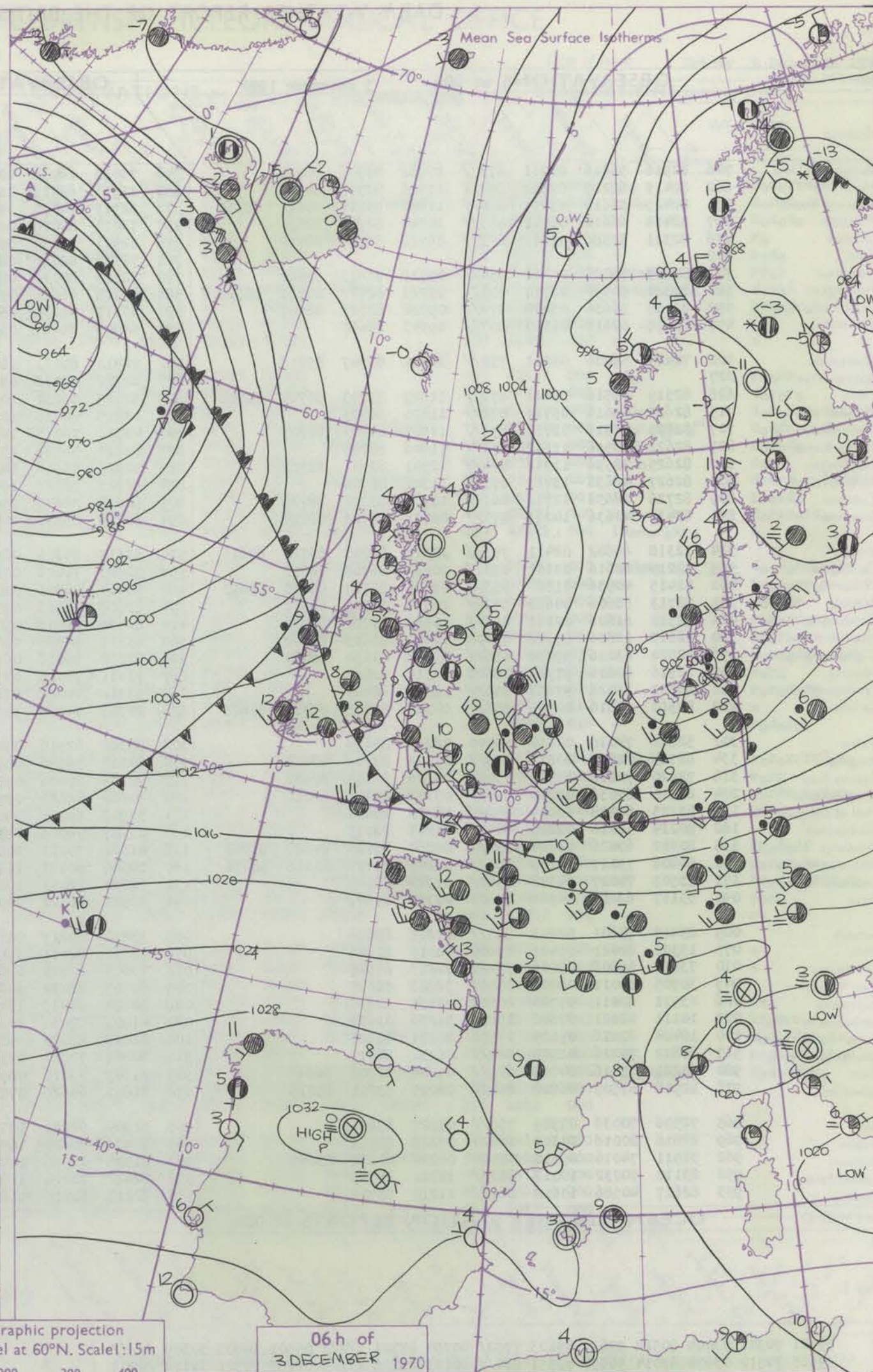
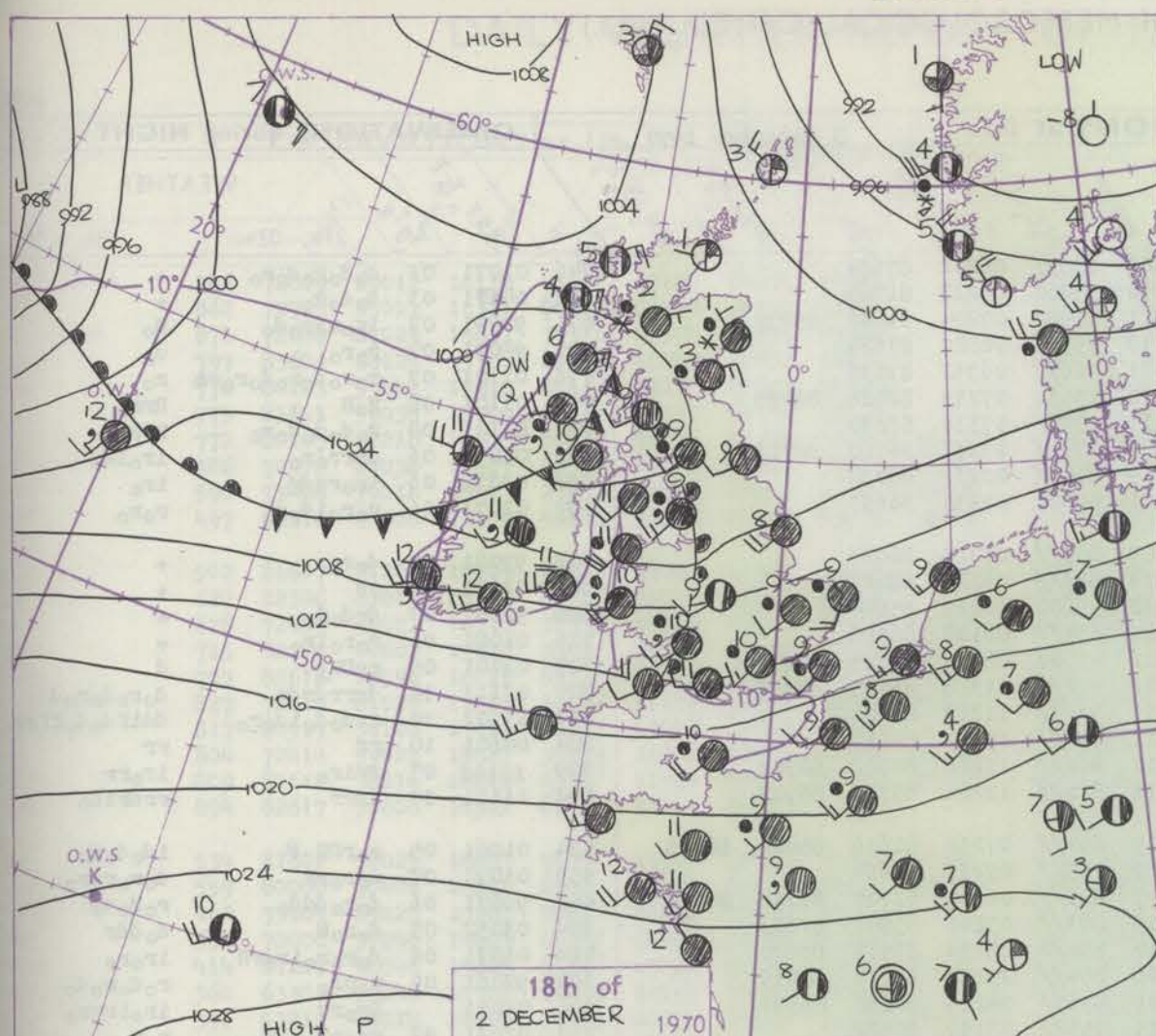
Date of Issue Thursday 3 December 1970

Code FM II.D		OBSERVATIONS at 12h.									OBSERVATIONS at 18h.									OBSERVATIONS during DAY								
		2 December 1970									2 December 1970																	
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	ART T x F	SSS	WEATHER						
																						09h.—15h.	15h.—21h.					
Boscombe Down	746	82311	69035	16509	7537/	07814	82708	83625	85640	746	82413	69026	12409	5547/	08718	83710	84620	87360	746	97101	000	d _o -d _o r _o ir _o	id _o					
Hurn	862	82310	65032	17611	7847/	08708	81715	83820	86645	862	82312	65216	13311	3632/	08718	83708	88457		862	95111	000	r _o r _o	r _o r _o d _o					
Thorney Island	871	72512	70012	17811	18472	08709	81812	87361		871	82516	66605	14211	883//	10812	84707	86809	88616	871	01121	000	r _o d _o dr	drr _o irir _o					
Manston	797	72513	77212	16809	28578	07813	81824	87273		797	82311	68602	13209	6547/	08719	82713	86632	88459	797	97111	000	ir _o	ir _o					
Gatwick	776	72412	70022	17010	68448	07810	81818	86640	85272	776	82310	62216	13210	6542/	08716	84712	84650	88460	776	97111	005	+	r _o					
Kew	775	82308	74016	15910	18437	06812	81815	88272		775	82110	74026	11711	7542/	08716	84718	86630	88460	775	97111	008	r _o	ir _o					
Heathrow	772	82312	72026	15810	28437	07811	81812	88270		772	82216	75606	11410	4547/	08718	81616	83635	85360	772	97111	005	r _o	r _o r _o					
Honington	586	72310	61036	14507	5533/	06810	82709	84635	86363	586	82112	56606	09909	854//	07722	83618	86630	88640	586	01091		ir _o	r _o r _o ir _o					
Wattisham	590	72513	58026	15207	66332	06809	86707	86070		590	82110	37616	10808	854//	07720	83714	87630	88645	590	96092	000	ir _o	r _o r _o					
Gorleston	497	62112	60011	14007	6097/	06706	86360			497	81913	59616	09809	857//	07723	88650			497	91092	000	+	r _o r _o					
Aberporth	502	82117	59585	13209	6532/	08716	84709	86630	88556	502	82122	48586	07810	853//	10727	85706	88620		502	01111	000	id _o d _o d _o rr _o r _o	d _o r _o dr					
Ross-on-Wye	627	82308	63022	14109	864//	07815	88715			627	82313	60506	08910	6742/	09724	86710	88458		627	97111	000	+	r _o id _o					
Filton	628	82009	56515	15009	852//	07817	82705	85711	88625	628	82213	23586	10810	872//	08823	82705	86707	88712	628	01101	000	d _o d _o -d _o r _o -r _o	d _o d _o r _o -drdr					
Rhoose	715	72314	70016	14711	7547/	09817	82712	86620	87360	715	82420	58616	10511	872//	10824	82705	88710		715	01111	000	ir _o r _o r _o id _o r _o	ir _o r _o r _o					
Chivenor	707	82518	69606	16111	4532/	09813	81709	83615	88460	707	82519	62616	12111	854//	11719	83712	85620	88645	707	06121	000	id _o r _o rr	r _o r _o rr					
Mount Batten	827	82519	61606	18011	4747/	10808	84712	88459		827	82417	58616	15011	852//	10709	83705	85710	88626	827	05121	000	r _o r _o rr _o r	r _o r _o Rdr					
St. Mawgan	817	82416	48616	18110	872//	10806	82703	84705	88710	817	82423	56606	14511	872//	10813	83705	86707	88710	817	06112	000	id _o idrr _o r _o	r _o r _o rr					
Silly	804	82419	61026	19011	884//	10704	82818	88628		804	82423	61022	15411	854//	10714	83710	88626		804	03122	000	id _o	rr					
Culdrose	809	82518	58216	18711	853//	10807	85706	86708	88620	809	82625	62026	15411	853//	10708	83706	85710	88622	809	03112	000	ir _o r _o r _o	irrr					
Guernsey	894	82521	82028	20411	7537/	08808	84706	86612	87360	894	82427	70026	17811	853//	09712	83709	85613	88625	894	04111	000	ir	r _o r _o ir					
Eimdon	534	82213	60602	13908	1747/	06815	81710	85361	88464	534	72108	60026	08509	4543/	07725	84615	87362		534	93101	000	r _o r _o	ir _o					
Cardington	559	82111	62036	14808	4547/	07812	82710	84625	88360	559	81915	62616	10009	854//	08720	83710	84714	86618	559	91101	000	r _o r _o	r _o r _o					
Wittering	462	72310	61026	13607	1847/	06813	81812	87465		462	82315	62022	08409	5542/	07725	81618	85627	88460	462	91091	000	ir _o	ir _o r _o					
Wanall	354	82314	40042	12607	8097/	06713	86359	88460		354	82314	40206	07009	6532/	07726	82709	86623	88460	354	94092	000	r _o r _o	d _o -rr _o r _o					
Shawbury	414	81908	69212	12409	6552/	07816	83623	83645	85656	414	72115	80026	06510	6542/	08827	81714	83620	86645	414	97111	000	r _o	r _o ir _o					
Finningley	360	72412	60026	11009	2587/	06817	82657	84359	87461	360	72212	56216	05609	7097/	08729	87462			360	97101	000	r _o	r _o r _o d _o r _o					
Kilnsea	396	82618	58022	12308	8097/	06708	88360			396	82320	58216	07808	4562/	07721	84630	88460		396	94082	000	ir _o	ir _o rrir _o					
Leeming	257	72411	69022	09409	5547/	06714	83615	83640	87360	257	82009	62216	03509	6547/	07732	86613	88460		257	93091	000	r _o	r _o r					
Tynemouth	262	72608	48052	07409	2567/	07814	82630	87359		262	82309	58022	02109	856//	08731	88630			262	01102	003	+	irir _o					
Carlisle	222	82212	66615	07509	854//	07813	84712	88620		222	82012	62616	00809	6542/	08733	83713	85620	88556	222	05102	000	r _o r _o	r _o r _o d _o r _o d _o r _o R					
Valley	302	82225	69606	10710	6632/	09820	86708	88545		302	82231	48606	03911	7732/	10735	87707	88530		302	02111	000	r _o r _o ir _o	r _o r _o rrd _o r _o ir _o					
Ringway	334	82010	62606	11708	3547/	06817	81710	83630	87362	334	81912	58586	05109	2567/	07732	82630	88360		334	01101	000	r _o r _o d _o	d _o r _o r _o d _o r _o d _o r _o					
Squires Gate	318	82316	70606	10609	3547/	08816	81618	83645	85359	318	82017	57596	03409	853//	09840	81706	86709	88620	318	02101	000	r _o r _o	r _o r _o dr _o d _o r _o R					

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPSIS DEVELOPMENT

The secondary depression which developed about 400 miles west of Ireland yesterday moved steadily eastwards across the north of England and into the North Sea. Another deep depression about 600 miles southwest of Iceland is expected to move northwards while its associated fronts move quickly eastwards to affect the British

Isles within the next 24 hours. The weak ridge between these two depressions is expected to move steadily eastwards across the British Isles during the early part of the day.

Issued at midday Thursday 3 December 1970

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

Code FM II.D		OBSERVATIONS at 00h.										3 December 1970										OBSERVATIONS at 06h.										3 December 1970										OBSERVATIONS during NIGHT									
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR	T _g T _g	WEATHER																				
																															21h.—03h.	03h.—09h.																			
Boscombe Down	746	82516	56516	06011	873//	10732	87706	88713		746	73013	66036	10309	755//	06232	87624			746	01071	03	d _o d _o r _o d _o r _o	+																												
Hurn	862	82419	62215	07512	854//	11726	83712	88627		862	32913	62016	11210	35400	07228	81710			862	04071	03	d _o d _o r _o	+																												
Thorney Island	871	82425	58612	07411	853//	11840	83707	85611	88615	871	62913	74036	10211	15605	07224	81640	85270		871	92091	07	1r _o r _o r _o d _o	d _o																												
Manston	797	82418	66612	06111	853//	10742	82708	88611		797	73014	82026	06710	755//	06327	87624			797	95091	07	r _o r _o	d _o																												
Gatwick	776	82321	59586	07311	873//	09728	83707	88710		776	72911	75036	09011	756//	06332	87636			776	01101	07	r _o r _o d _o r _o d _o r _o r _o	r _o																												
Kew	775									775	72708	82016	08610	25532	07235	82628	86075		775	01101	08	r _o R	Rrr _o																												
Heathrow	772	82217	75026	05412	854//	09729	85613	88620		772	72814	80036	08311	756//	07336	87630			772	01101	08	r _o d _o d _o d _o r _o	RDR																												
Honington	586	82320	50596	02910	853//	09723	82707	86711	88618	586	83218	66606	05809	874//	07242	86710	88713		586	01071	06	drrr _o r _o	1r _o d _o																												
Wattisham	590	82419	56636	03410	873//	09738	82707	88709		590	83219	61036	05309	864//	07233	88710			590	03072	06	1r _o rrdr	1r _o																												
Garleston	497	82118	60616	01710	857//	09743	88650			497	62925	60606	03011	65600	09330	86635			497	02071	06	r _o r _o d _o r	r _o r _o																												
Aberporth	502	72424	56036	06311	753//	10312	83707	87618		502	82812	80021	11009	855//	07219	88623			502	97081	07	d _o r _o	+																												
Ross-on-Wye	627									627	82707	77028	09711	855//	06223	88625			627	01101	08	pr	+																												
Filton	628	82519	23516	05411	872//	11529	83703	85704	88708	628	52709	66036	10110	55600	06227	85640			628	92091	07	drd _o	+																												
Rhoose	715	82625	45616	05711	872//	11520	88703			715	62815	80036	10909	654//	08128	86616			715	01081	06	r _o r _o 1r _o	+																												
Chivenor	707	82725	37516	08712	872//	12507	84704	88707		707	43011	74015	12611	45500	08225	81625	84642		707	02101	09	rrDRd	d																												
Mount Batten	827	82622	28596	11112	872//	11606	88705			827	82814	56586	13812	872//	11318	85705	88710		827	03111	10	drrrdrdr	d _o r _o d _o d																												
St. Mawgan	817	82625	28596	11912	870//	12501	83701	88702		817	92821	03516	14311	9//	11218	89700			817	11102	10	rrd _o d _o 1d _o r _o	ddif d _o d _o ffrr																												
Scilly	804	82627	48636	13711	873//	11501	88706			804	82723	58026	15911	854//	10211	88619			804	04101	10	rr	rr																												
Culdrose	809	82726	26636	12711	861//	11705	83702	88705		809	82818	26636	15011	861//	11218	84702	88705		809	10102	07	rr1r _o	1r _o rr																												
Guernsey	894	82434	40636	14211	873//	08716	86706	88710		894	82729	25596	14412	871//	11206	85702	88703		894	11111	10	1rrr	rrdr1d _o																												
Elmdon	534	72318	65602	02411	753//	10617	82707	85710	87616	534	83113	65206	08509	854//	07236	81616	85624	88638	534	01061	05	r _o rDR-R	1d _o d _o th _o																												
Cardington	559	82219	62616	03111	853//	10630	86707	88615		559	72610	74026	07809	755//	07237	87624			559	01071	07	r _o r _o rR	d _o r _o r _o r _o																												
Wittering	462	82415	40536	01810	853//	09624	83707	86710	88613	462	83414	58506	08007	853//	06347	83707	86708	88612	462	96071	06	d _o r _o ddd _o	r _o d _o d _o																												
Watnall	354	82713	58606	00610	5722//	10617	85705	88512		354	83608	58516	09005	883//	05246	85808	87623		354	03052	05	d _o r _o R	d _o ddr																												
Shawbury	414	82510	61606	02111	854//	10505	81710	88628		414	82606	69606	09010	854//	08234	83715	88620		414	01071	06	d _o r _o r _o 1r _o rR	1r _o r _o																												
Finningley	360	52813	62806	99112	58400	10619	83819	84640		360	83511	80588	08706	854//	05257	85714	88619		360	92061	05	r _o pr _o	r _o d _o r _o d _o																												
Kilnsea	396	82520	63216	99410	4562//	09733	84630	88460		396	80230	66036	06606	4567//	04266	84630	88360		396	01051		1r _o rr	1r _o irpr _o																												
Leeming	257	22916	80806	97911	28500	09510	82828			257	73311	74016	08905	755//	03139	87622			257	02031	52	rr _o pr _o r _o r _o	r _o r _o																												
Tynemouth	262	83522	66026	97808	855//	08502	88620			262	53312	74026	07805	50940	03238	85358			262	02031	00	1r _o	+																												
Carlisle	222	80510	58616	00505	853//	04328	82708	84711	88622	222	20703	74016	10303	15602	01236	81645			222	02011	54	d _o r _o r _o r	+																												
Valley	302	52822	74036	04110	55400	08221	85614			302	83308	62516	09609	853//	09225	81706	83710	88618	302	02081	07	1rr _o 1r _o dr	1r _o d _o d _o																												
Ringway	334	82714	62606	00811	873//	09504	83709	88711		334	80310	56586	08906	853//	05243	81706	88714		334	02051	05	d _o r _o	d _o d _o r _o rd _o																												
Squires Gate	318	72920	70216	00910	754//	09306	81615	87626		318	70209	80016	09306	755//	04250	82622	87638		318	05031	52	r _o rRd _o r _o	d _o r _o																												
Ronalds Way	204	62510	84036	02210	654//	07328	82712	86616		204	80408	82026	09906	854//	03236	81715	88626		204	01051	04	Rr _o	+																												
Mull of Galloway	131	83225	80028	00009	856//	08223	88630			13																																									

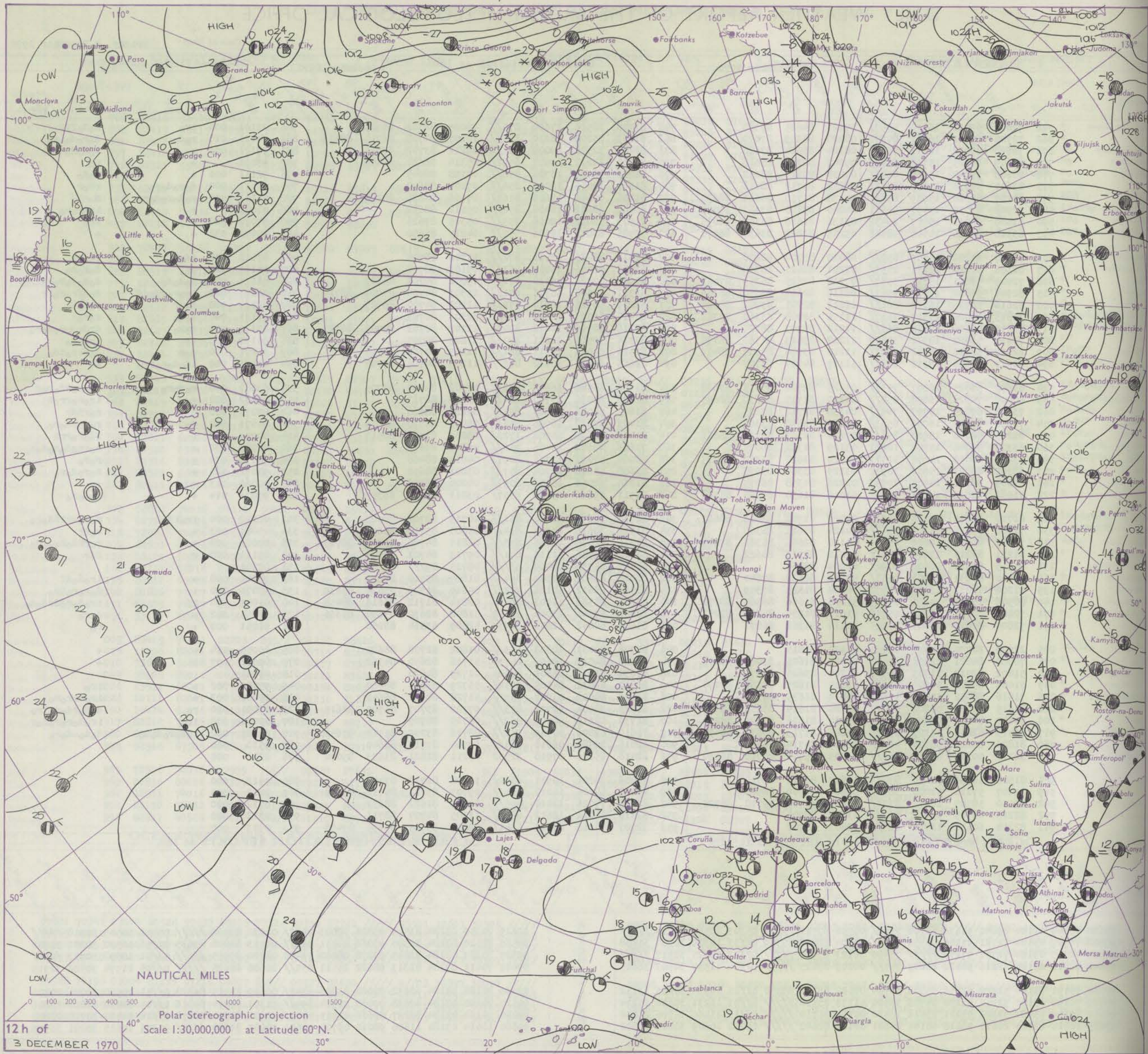
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39824

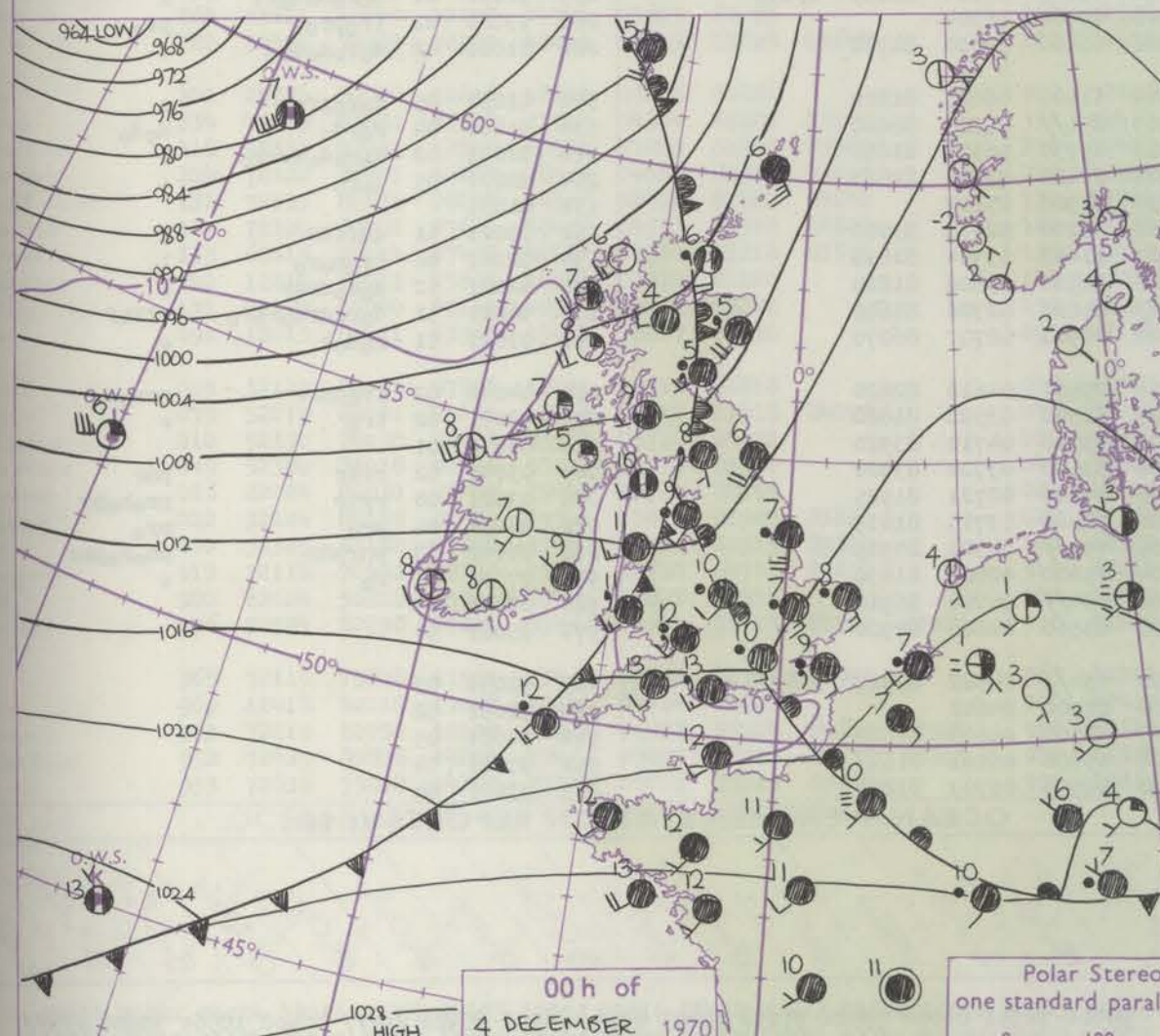
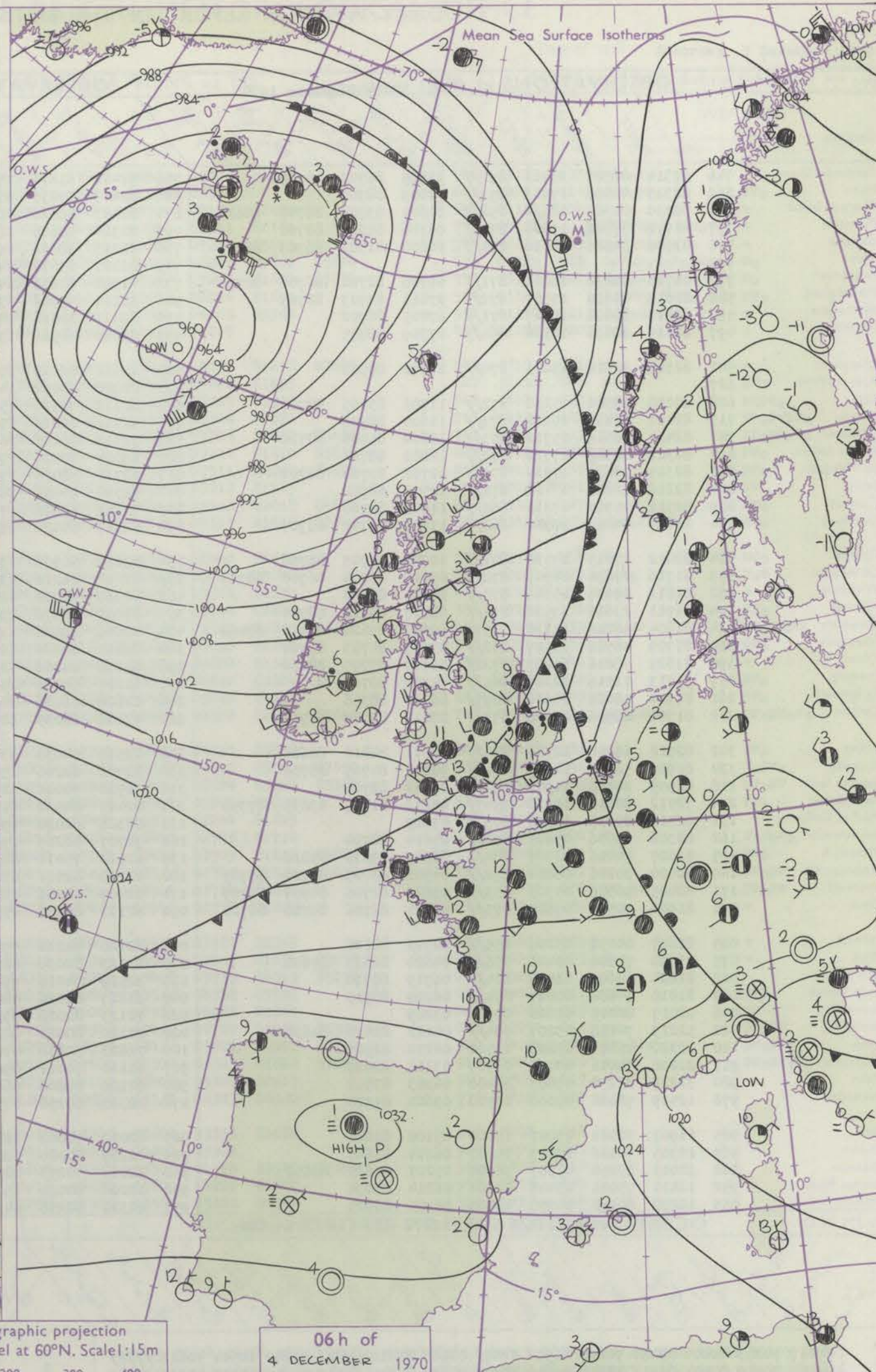
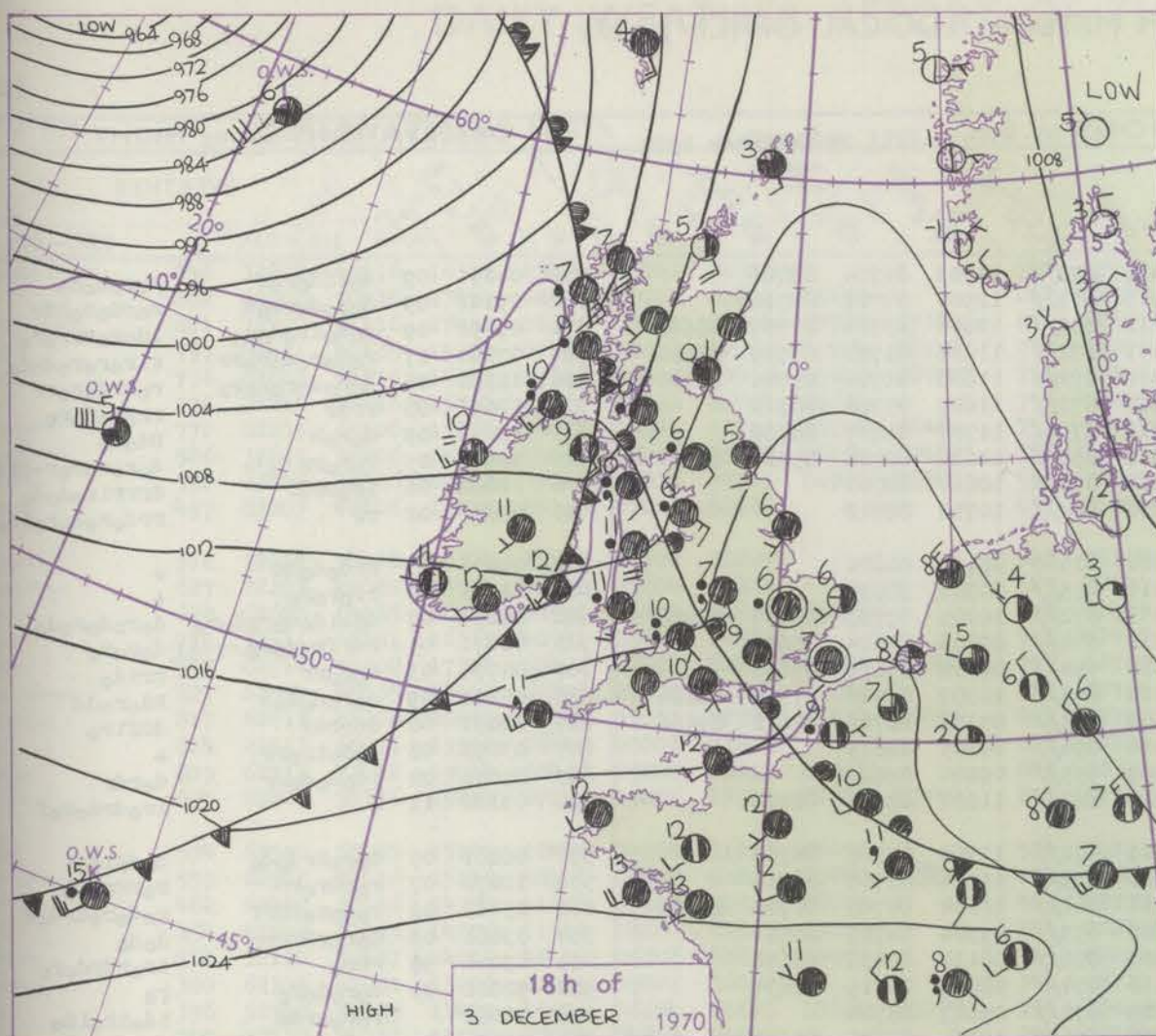
Date of Issue Friday 4 December 1970

Code FM H.D.		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		3 December 1970										3 December 1970														
Station		iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT T E	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Boscombe Down	746	72809	69012	16110	4557/	07121	84625	87360			746	81708	28516	17609	870//	08005	86701	88705			746	02101	000	1ro	dodoffdoff	
Hurn	862	72705	65011	16311	40972	08020	86359	87070			862	81603	35206	18210	852//	10207	84705	86715	88619		862	94121	010	rodo	dorodo-ro	
Thorney Island	871	72608	67022	16811	755/6	08124	86624	87628			871	82206	32506	19009	851//	09211	83702	88614			871	97121	001	+	rododo	
Manston	797	83609	66025	15708	854//	05242	82712	88616			797	80000	64212	19507	6567/	05314	86635	88459			797	93091		+	ro	
Gatwick	776	80103	59042	15910	854//	07234	85617	88632			776	81202	28106	18708	856//	07108	88645				776	92111	001	+	rodod	
Kew	775	83601	59036	15709	854//	06232	83712	88618			775	81601	19056	18009	856//	07105	88640				775	01111	000	dorodoro	rror	
Heathrow	772	80107	62216	15609	854//	05138	81710	86616	88630		772	81406	40046	17609	4567/	07106	84630	88460			772	01111	000	rodorodoro	doro	
Honington	586	72908	83036	15407	58531	04240	85820	83362	85075		586	80000	58602	18406	856//	05112	88632				586	01081		+	irororo	
Wattisham	590	73408	70016	15407	25432	03136	81616	83367	86075		590	71903	56032	19006	755//	05315	87626				590	97072	000	+	iro	
Gorleston	497	63310	60026	14508	48546	03255	81822	83630	86075		497	52405	60012	18506	557//	04217	85650				497	00090	038	+	+	
Aberporth	502	81607	61202	14709	852//	08010	83704	88620			502	81814	48635	13511	872//	11706	88705				502	07112	000	ido	idorr	
Ross-on-Wye	627	82306	81022	15211	2557/	07221	82625	88360			627	82006	48056	16009	863//	09103	88708				627	01111	000	ro	doro	
Filton	628	72409	59021	15711	3557/	07218	82625	86359	87463		628	81606	12586	16410	871//	09001	85702	88703			628	01111	000	rododo	dododododior	
Rhoose	715	82706	64602	15810	3547/	08116	82614	83650	88358		715	82311	40606	16311	871//	11303	84702	87704	88710		715	08111	000	irororoddf	dodfrorofr	
Chivenor	707	82612	16596	16112	861//	11011	82701	83702	88704		707	82209	50526	16012	872//	11001	84704	88707			707	02131	000	dodr	rododo	
Mount Batten	827	72815	61026	17513	3637/	11115	82708	83360	87362		827	82414	56585	18412	872//	12303	88703				827	97131	000	dodo	doro	
St. Mawgan	817	82515	56106	17812	862//	11012	85703	88705			817	82316	28506	18012	870//	11102	82701	85702	88703		817	03121	000	rogo	drdrdorodoro	
Silly	804	72414	59022	18912	35579	11212	83623	84360	86175		804	82314	32506	18211	872//	11602	88705				804	95132	003	ir	irido	
Culdrose	809	82612	58216	18212	6722/	11210	83704	85706	88459		809	82514	50026	18311	861//	11203	84702	88704			809	96121	000	dor	dorirido	
Guernsey	894	82617	50606	18912	872//	11117	84704	87707			894	82615	60026	20412	862//	11209	84705	87707			894	01121	000	idodoroiro	+	
Eimdon	534	81602	56025	16007	7537/	05125	82706	85618	87628		534	81706	40586	16607	872//	07302	84703	88705			534	03082	000	rodoro	dodododo	
Cardington	559	80000	70026	16008	854//	05130	81715	85630	88645		559	81103	61036	17707	864//	06109	88713				559	01082	000	ro	irorrorr	
Wittering	462	73104	69025	15707	784//	04130	82712	87635			462	81607	58046	17806	855//	05214	88620				462	02071	000	+	rorRdr	
Wanail	354	70000	37045	16006	6563/	04127	86638	83360			354	81407	37625	16706	854//	05001	86710	88619			354	01071	000	do	rorordoro	
Snawbury	414	81203	48046	15208	853//	07224	82707	83712	88621		414	81407	28636	14908	1722/	08803	81703	88513			414	04091	000	r	idorrRR	
Finningley	360	63306	56046	15708	10931	03129	81362	86075			360	71606	48602	16406	756//	05802	87630				360	02081	030	+	rorrdorodof	
Kilnsea	396	53213	48018	14606	12571	04129	81820	83360	85075		396	82004	57022	17306	8097/	04014	88460				396	97071	030	+	oro	
Leeming	257	63302	66021	15606	30932	03129	83364	85075			257	81608	58616	15704	857//	03801	88650				257	95071	025	+	rorodoro	
Tynemouth	262	63009	58021	14905	20948	02226	84358	86275			262	81814	32052	15005	8097/	04000	88358				262	00061	013	+	+	
Carlisle	222	71002	62031	14803	1575/	01016	81650	85358	85360		222	81511	59602	13106	6557/	03811	86627	88359			222	97071	014	+	rodoro	
Valley	302	81712	69215	13410	853//	09009	81708	84613	88617		302	81718	58636	11611	861//	10713	82702	88703			302	06112	000	irido	rororrrRdoro	
Ringway	334	71406	59026	15207	5547/	04124	85615	86360			334	81611	30636	14907	854//	05805	85710	88650			334	03081	003	+	rorr	
Squires Gate	318	71107	40042	15006	25636	04120	82645	85360	87275		318	81316	22636	13006	873//	06815	84706	85710	88713		318	03081	008	+	rorRdorodoro	
Ronaldsway	204	81211	84212	13208	854//	05012	82713	88622			204	81612	50586	11110	871//	09713	84701	88703			204	05111	000	r	Rdr	
Mull of Galloway	131	81415	80032	12406	8092/	02004	88465				131	91407	05538	09409	91//	08715	89//				131	02101				
Erkdalemuir	162	70000	80031	14301	7563/	52012	82633	87640			162	80000	69602	13303	854//	01807	83710	88619			162	93041	008	+	irododf	
Freestwick	135	81204	70031	13103	15578	00004	81625	87359			135	81512	58612	10106	7532/	04819	81709	83624	87630		135	93071	000	+	dororoiro	
Abbotsinch	140	80506	15284	14101	15777	51206	81656	86360	88270																	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

The depression over Denmark has continued to move steadily east. The intense depression near southwest Iceland has deepened a little more but has remained nearly stationary. The associated frontal troughs have continued to move east

across the British Isles and during the next 24 hours will reach the Low Countries. The Iceland low will start to fill and move slowly east or south-east bringing a vigorous airstream to northern districts of the British Isles.

Issued at midday Friday 4 December 1970

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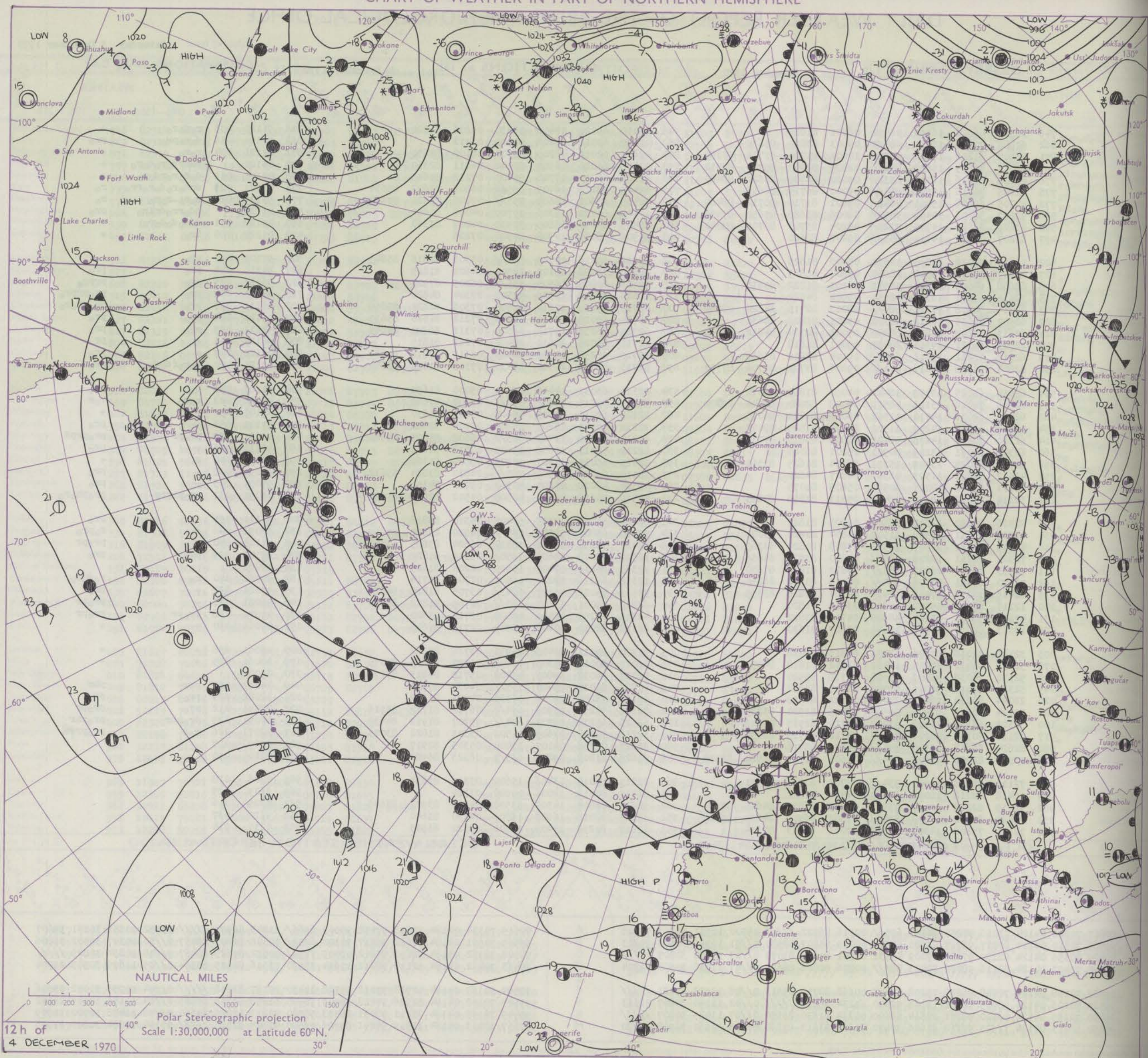
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39825

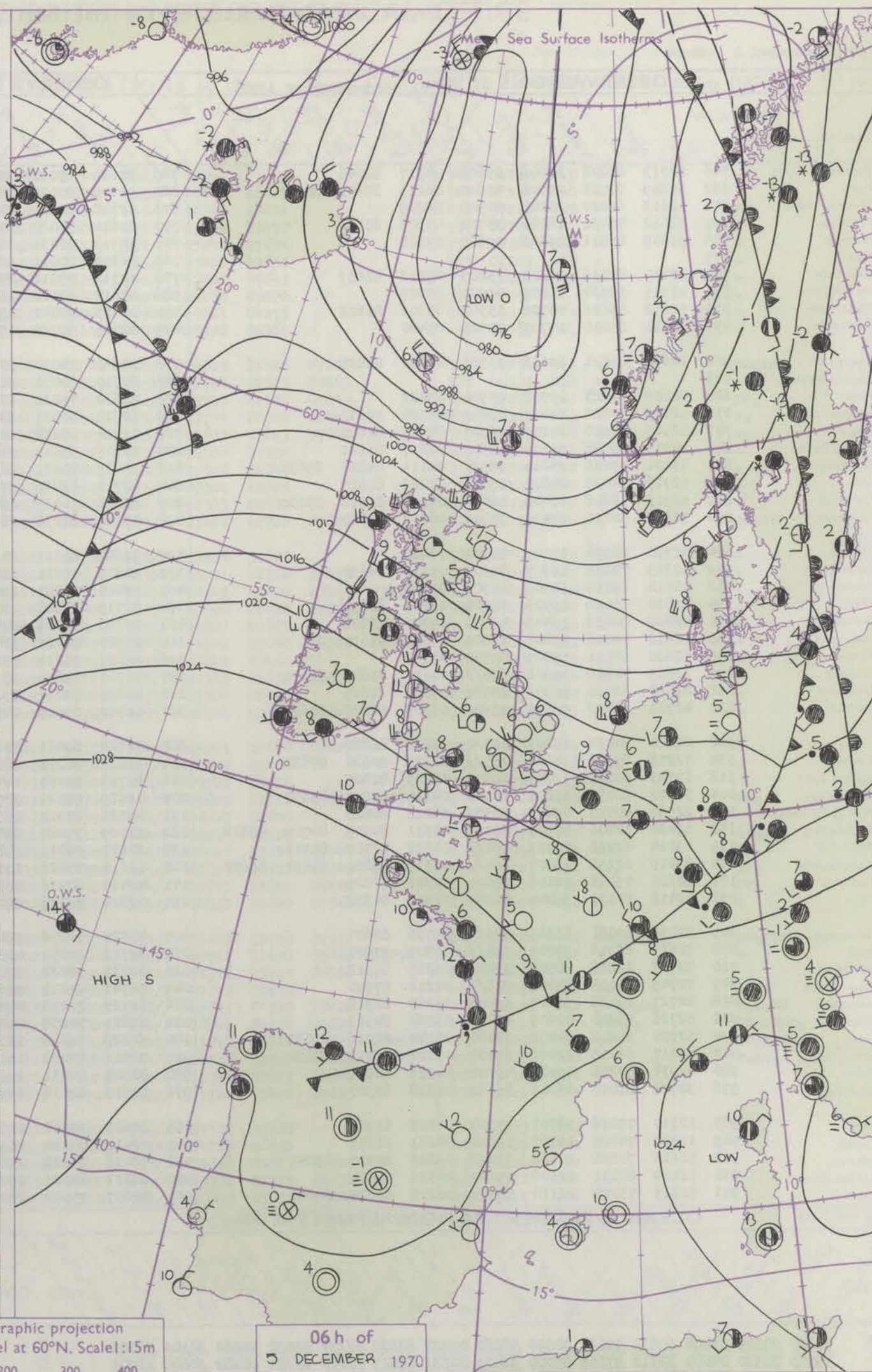
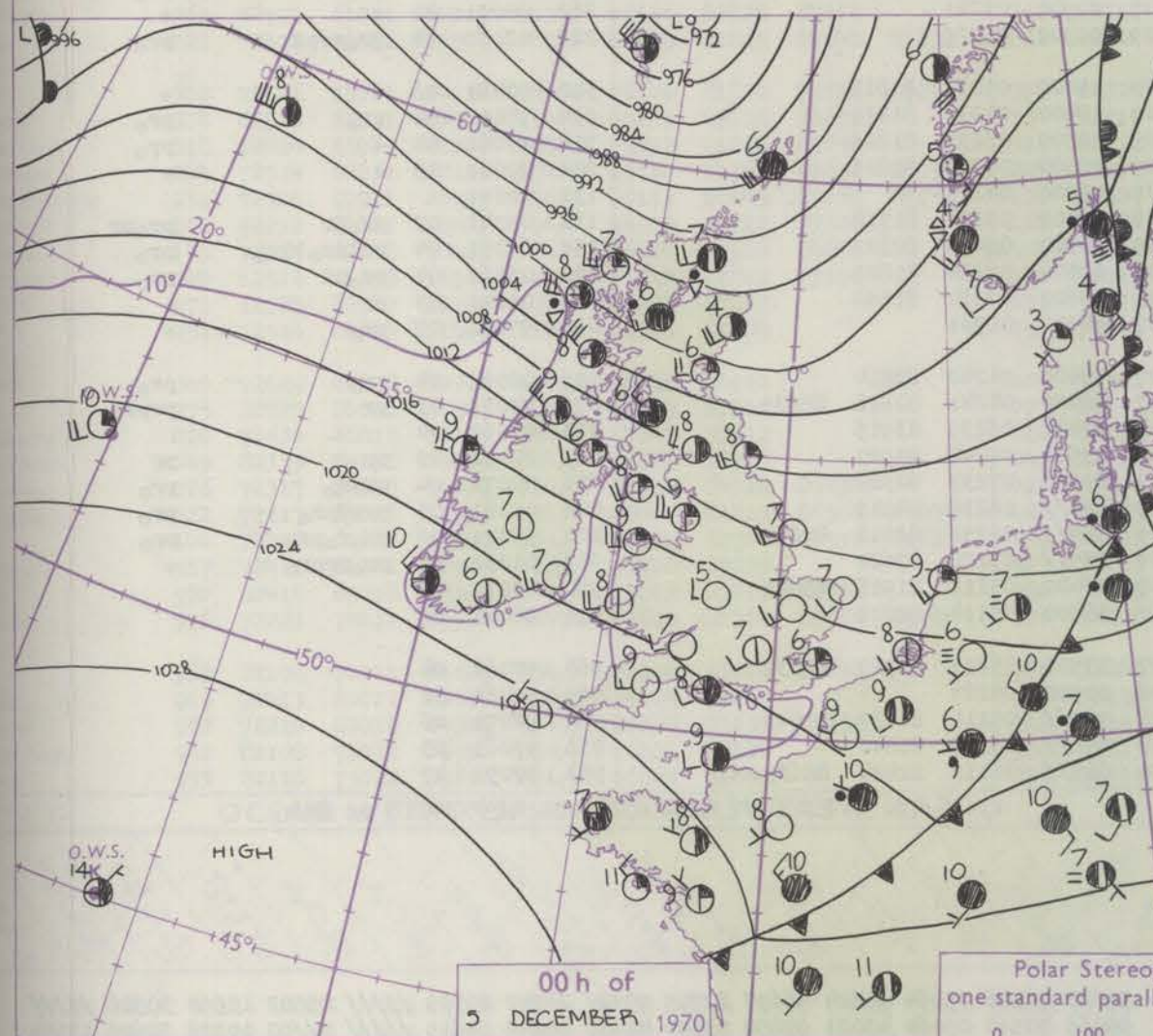
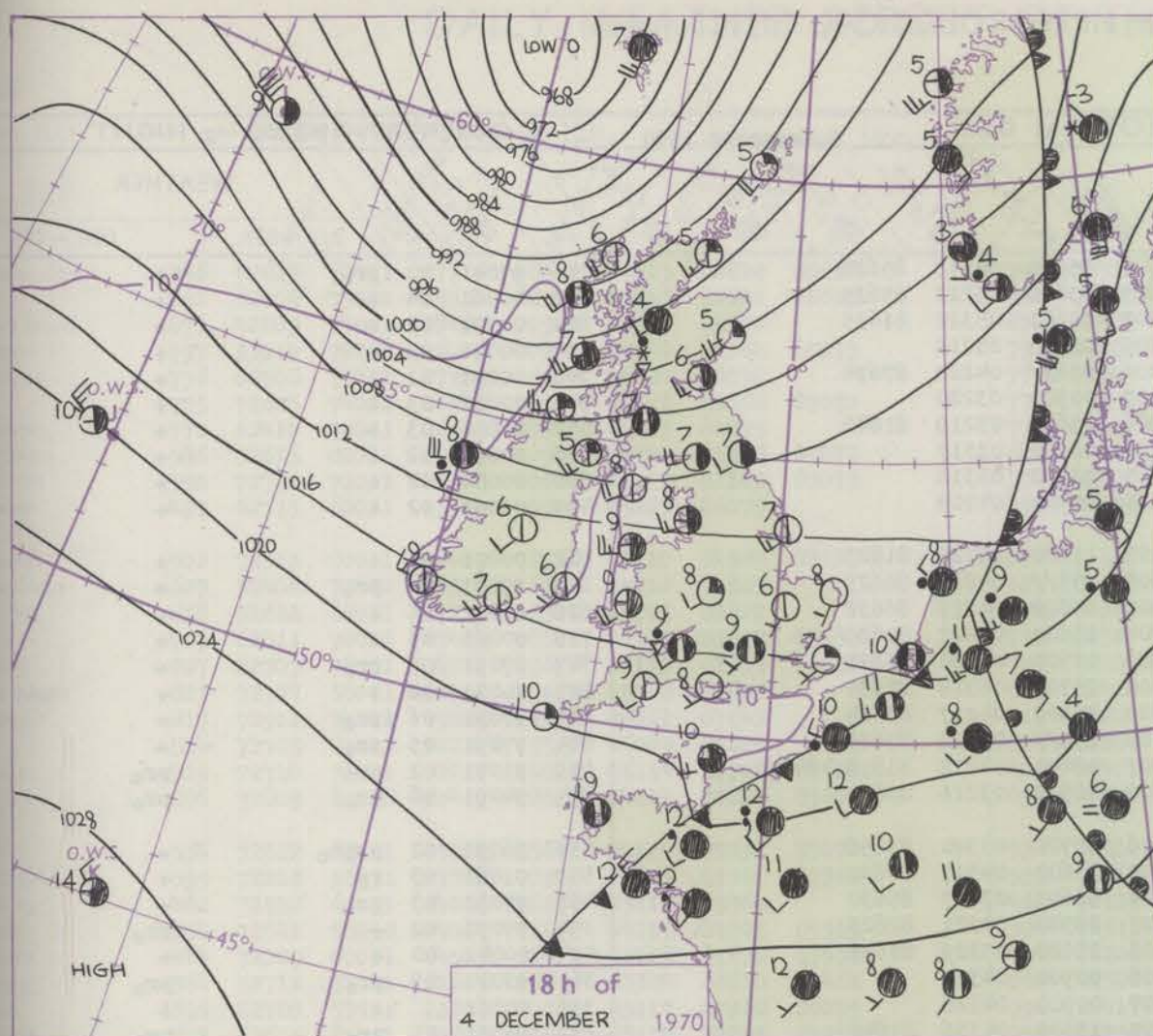
Date of Issue Saturday 5 December 1970

Code FM I.L.D.	OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
	4 December 1970										4 December 1970														
	Station	iii	Nddff	VVwwWW	PPPTT	N _h Ch _M Ch _H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwwWW	PPPTT	N _h Ch _M Ch _H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT x x x	SSS	WEATHER		
																								09h.—15h.	15h.—21h.
Boscombe Down	746	32912	66016	16511	28430	06001	81818			746	12410	69021	17406	18530	05206	81820				746	91121	033	r _o d _o r _o	+	
Hurn	862	62808	70036	17411	685/1	09003	83820	85635		862	02407	60018	18208	00900	06312					862	92111	016	d _o r _o pr _o	pr _o	
Thorney Island	871	72707	61216	17011	3625/	10001	81704	83708	87360	871	22607	62011	18209	25700	08108	82650				871	01121	004	r _o r _o	+	
Manston	797	82411	40635	15812	871//	12804	82702	85704	88712	797	22406	66026	16907	20940	06111	82360				797	04121		RRrr d _o r _o d _o r _o	+	
Gatwick	776	82805	60216	16310	6532/	09000	83709	85626	88460	776	52306	60011	17708	55600	07212	85645				776	02121	019	d _o d _o r _o rd _o r _o	+	
Kew	775	82205	70216	15511	854//	09000	86714	88638		775	62405	58216	16709	655//	06208	83622	85634			775	01121	029	dr d _o r _o d _o r _o rr _o	r _o	
Heathrow	772	82205	65606	15211	7642/	09801	81710	86712	88460	772	72405	65606	16609	755//	07206	81620	87630			772	93121	021	d _o r _o -r _o r _o	r _o	
Honington	586	72607	56206	14409	5557/	08006	83628	85650	87459	586	12105	61031	15306	15700	04006	81650				586	01121		dd _o rr _o drir _o	pr _o	
Wattisham	590	83409	32586	14709	7722/	09204	85703	86705	88540	590	32405	58036	15805	30930	04209	83360				590	01112	011	ddd _o d _o d _o r _o	+	
Gorleston	497	83207	48606	14110	855//	09208	88620			497	01906	58056	14908	00900	07206					497	01122	000	ir _o	+	
Aberporth	502	12114	74018	15309	18530	05000	81825			502	52318	69018	14709	584//	05303	81818	85645			502	97101	041	pr _o	+	
Ross-on-Wye	627	22107	70010	15510	28501	05804	81825			627	22210	77028	15109	28500	04602	81825				627	91111	044	pr _o	pr _o	
Filton	628	62608	64055	16510	58531	06103	81822	85635		628	72408	60808	16509	735//	06205	87920				628	96111	035	pr _o	pr _o pr _o	
Rhoose	715	72411	67251	16311	48531	09802	84822			715	42615	80258	16509	42500	07304	84820				715	01111	028	pr _o	pr _o pr _o pr _o	
Chivenor	707	82714	50808	17311	884//	08002	82715	84820	88640	707	62717	69258	17610	68500	07306	82822	85656			707	01111	033	pr _o	pr _o ph _o r _o	
Mount Batten	827	62507	58035	18512	68300	09001	81808	86635		827	52714	69018	19610	58400	07212	81810	85635			827	97121	024	pr _o	pr _o	
St. Mawgan	817	62613	58258	18810	68200	09003	82704	84812	86645	817	62717	66258	19710	68500	07311	84820	84645			817	94111	039	pr _o	pr _o	
Selly	804	22513	66021	19311	28400	09001	81818			804	22711	66028	20610	28400	07212	81815				804	92121	041	+	pr	
Culdrose	809	62712	72012	19011	684//	09104	83818	85626		809	52710	68258	19909	58400	07313	82818	84630			809	01122	047	+	pr _o	
Guernsey	894	82807	50516	19210	871//	09006	83702	84706	87710	894	52713	82015	20510	38430	07313	81818	83640			894	03121	000	d _o r _o f d _o d _o	pr _o	
Elmdon	534	62510	65025	15109	18442	04000	81815	86072		534	22311	63031	14408	15740	05000	81650				534	91101	057	+	pr _o	
Cardington	559	62508	74016	15111	48538	08008	82820	83640	86070	559	72309	59216	15708	756//	07207	87640				559	96121	023	r _o r _o	r _o r	
Wittering	462	62710	62036	14710	11502	06002	81820	86075		462	12108	62011	14305	15600	03801	81630				462	00101	052	+	+	
Watnall	354	52509	62015	14209	11502	06000	81825	85072		354	22210	56041	13207	25600	05704	82640				354	97101	052	+	pr _o	
Shawbury	414	52110	70031	14208	48402	06806	83818	84072		414	62210	69808	13408	685//	06602	83825	85640			414	03091	039	pr _o pr	pr _o prpr	
Finningley	360	62308	61031	13209	00901	05001	86080			360	12212	58011	11608	15600	05710	81645				360	92111	055	+	pr _o	
Kilnsea	396	52712	57025	13409	15571	06104	81625	83360	85075	396	12415	66011	12507	10970	05804	81360				396	00091	040	+	+	
Leeming	257	42412	74031	11509	42500	04807	84820			257	72110	69802	09508	785//	04810	83824	85632			257	92091	038	+	pr _o	
Tynemouth	262	12111	48040	10207	00901	05605	81075			262	42508	48028	07607	40930	05710	84358				262	97091	045	+	pr _o	
Carlisle	222	52314	74031	08909	48431	05813	81818	84645		222	42518	70258	07507	48500	04502	82825	83650			222	01091	031	pr _o prphr	pr _o ph _o r _o	
Valley	302	22326	80020	12810	18502	05805	81822			302	52626	80038	12309	52400	04310	85818				302	94111	035	+	pr _o	
Ringway	334	42209	63031	13308	11502	04804	81820	83070		334	72417	65806	12208	785//	04500	83820	87650			334	97091	046	+	r _o pr _o	
Squires Gate	318	42313	70031	12509	18531	07805	81820	83365		318	52417	75251	10708	38530	06604	83825	83360			318	01101	040	+	pr _o pr	
Ronaldsway	204	72322	80251	10209	785//	04810	83820	86656		204	12521	82018	09608	18502	03305	81822				204	97101	029	pr _o	pr _o	
Mull of Galloway	131	72333	80031	08207	785//	04810	81820	87650		131	12331	84011	07407	15500	02204	81625				131	00081				
Esdailemuir	162	72320	69031	07606	784//	04713	83712	86820		162	12318	66216	06204	16400	02706	81									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

Issued at midday Saturday 5 December 1970

The intense depression which yesterday morning was near southwest Iceland is now near O.W.S.'M', moving northeast and filling. The associated occluding frontal system is moving east over Europe followed by the broad trough in the colder air mass over the North Sea. The weak ridge west of Britain will move east in turn,

reaching the North Sea tonight. However, another depression now near O.W.S.'A' will move east towards southern Iceland and its frontal system will reach western and northern Britain during tonight.

All times

All times

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39826

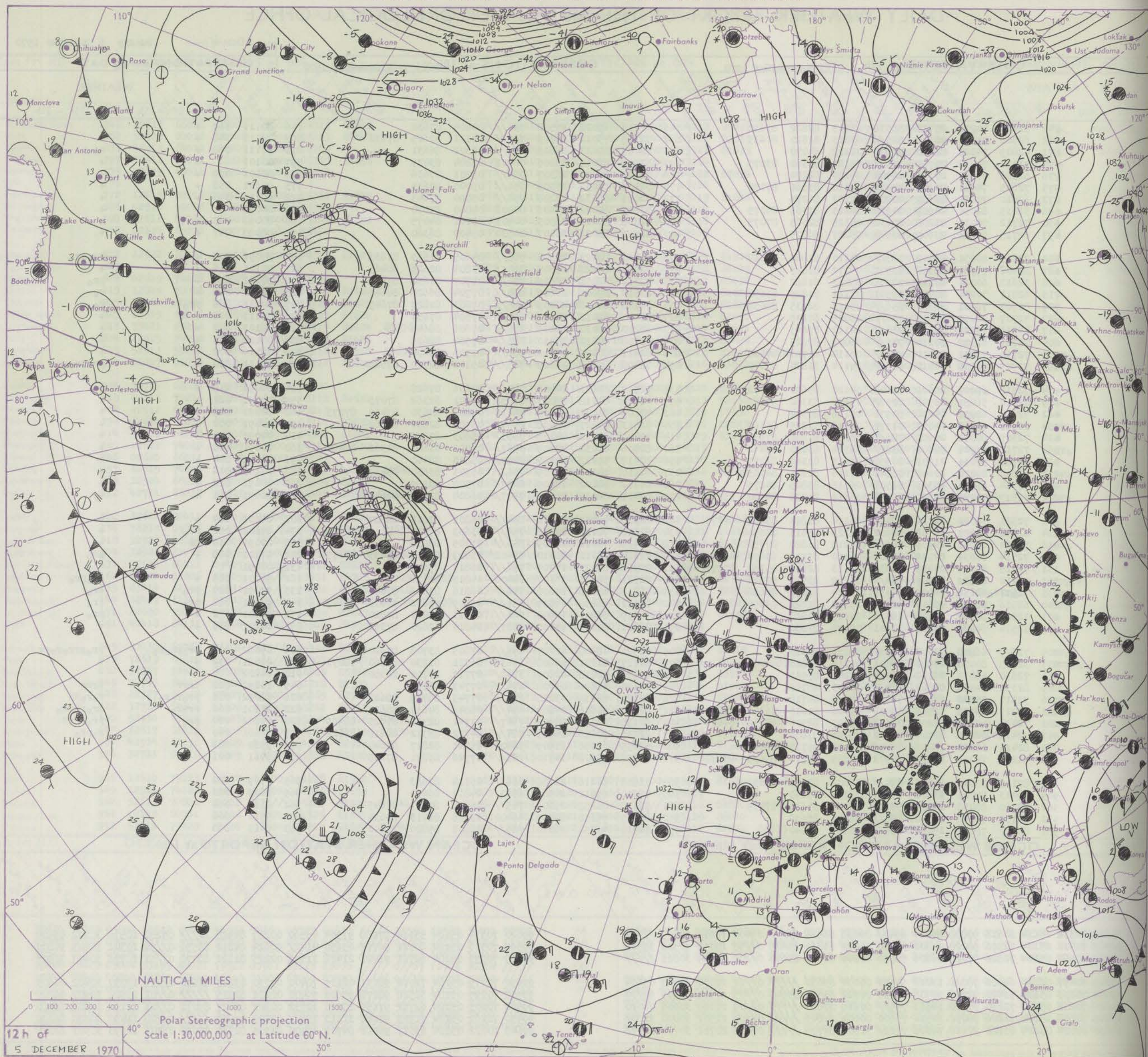
Date of Issue Sunday 6 December 1970

Code FM I.I.D		OBSERVATIONS at 12h.										5 December 1970		OBSERVATIONS at 18h.										5 December 1970		OBSERVATIONS during DAY				
Station	III	Nddff	VVwww	PPPTT	NChChCh	T d app	8NChCh	8NChCh	8NChCh	III	Nddff	VVwww	PPPTT	NChChCh	T d app	8NChCh	8NChCh	8NChCh	III	RR T x F	SSS	WEATHER								
																						09h.—15h.	15h.—21h.							
Boscombe Down	746	52610	74011	27710	58531	06115	82822	83630		746	72710	69022	27508	756//	04804	87632			746	00111	019	+	+							
Hurn	862	62506	75031	28510	685//	07213	81820	86635		862	72305	75011	28309	755//	06101	82625	87636		862	00111	048	+	+							
Thorney Island	871	42809	74021	28410	00905	06117	84070			871	62407	62021	28808	656//	06302	86631			871	97111	068	+	ro							
Manston	797	33010	74030	26709	10931	05122	81360	83075		797	32509	69011	28205	00901	03204	83075			797	00101		+	+							
Gatwick	776	62506	75031	27709	00904	05120	86070			776	72105	60021	28307	756//	05201	87636			776	00101	069	+	+							
Kew	775	72605	74031	26909	30936	04118	83366	87070		775	72107	61032	27309	756//	05000	87635			775	00101	058	+	+							
Heathrow	772	62410	70021	26609	00906	05123	86275			772	72011	65032	27208	756//	05000	87643			772	00111	056	+	+							
Honington	586	52615	82031	24909	10934	04223	81365	85075		586	72209	61022	25606	00902	04000	87070			586	00091		+	+							
Wattisham	590	72712	70031	25208	20932	05125	82365	87075		590	42308	59011	26505	00901	03101	84075			590	00092	063	+	+							
Gorleston	497	62715	60031	23609	00904	05227	86075			497	61906	60022	25107	60930	05400	86360			497	00090	047	+	+							
Aberporth	502	72513	80031	26409	785//	03110	81820	87637		502	71811	82022	25308	755//	04605	81625	87633		502	97091	005	+	proiro							
Ross-on-Wye	627	32408	77021	26310	18501	04212	81825			627	82308	66022	25809	2551/	03804	82625	88465		627	00101	016	+	+							
Filton	628	32612	60031	27210	18531	05213	81822			628	72312	62051	26609	756//	05707	81630	87649		628	97101	020	+	pro							
Rhoose	715	62811	70031	27409	58501	07111	81825	85650		715	82510	65602	26809	855//	07704	86628	88645		715	91111	019	+	ro							
Chivenor	707	82707	78031	28310	856//	05113	82635	88656		707	72108	80028	27709	785//	07603	81823	87645		707	97111	006	pro	ro							
Mount Batten	827	72707	56051	29410	756//	06008	87635			827	72410	69012	28910	757//	07504	87650			827	00111	006	+	+							
St. Mawgan	817	72911	74021	29610	756//	04112	87645			817	82210	69032	28809	856//	07606	88645			817	00101	002	+	+							
Scilly	804	72705	81022	30210	755//	06009	87625			804	82108	74022	29510	855//	07500	88625			804	00101	000	+	+							
Culdrose	809	72710	76021	30010	783//	06114	81708	87628		809	82411	80022	29410	856//	07703	88630			809	00110	002	+	+							
Guernsey	894	72809	82038	30410	785//	04114	81824	87640		894	72408	82258	30609	785//	05102	82720	87628		894	97111	020	+	proiro							
Elmdon	534	72512	65021	25609	55642	04120	85631	85072		534	72512	65022	24908	755//	02606	87628			534	00091	015	+	+							
Cardington	559	72212	56051	25709	7097/	05218	83360	87362		559	71910	61012	26007	20932	05001	82362	87075		559	00091	021	+	+							
Wittering	462	72712	62031	24208	50971	05116	85364			462	72109	61032	24706	25612	04803	82630	83465	87075	462	00091	019	+	+							
Watnall	354	72511	58058	24007	11572	04119	81825	85365		354	72513	61021	23408	2567/	03708	82630	87362		354	00091	000	+	+							
Shawbury	414	72309	80031	24909	786/1	06118	81830	87634		414	72208	80032	24408	7553/	05603	87625			414	00091	010	+	+							
Finningley	360	72712	57041	22609	3567/	05324	83630	87462		360	82506	61032	22609	3567/	04502	83640	84362	88468	360	00091	003	+	+							
Kilnsea	396	62720	57031	21709	20951	05117	82360	86075		396	82417	59022	22207	8097/	05805	88460			396	00091	034	+	+							
Leeming	257	62613	80021	20609	38541	03114	82825	84365		257	72210	74031	21109	756//	05503	83630	85650		257	00101	014	+	+							
Tynemouth	262	72714	61021	18309	31506	06116	83825	84275		262	82312	58022	18009	8097/	07500	88359			262	00091	012	+	+							
Carlisle	222	72517	70031	19509	685/1	06119	81825	84640	85650	222	82412	62032	18709	7557/	06804	82625	87645		222	00091	011	+	+							
Valley	302	72521	78021	24110	58408	06114	81814	85635	87275	302	82326	78032	23110	854//	05801	82618	88627		302	00101	007	+	+							
Ringway	334	62513	62021	23709	55402	05223	85616	84650		334	72212	70028	23508	755//	03603	87628			334	97101	012	pro	+							
Squires Gate	318	72614	65031	22909	785//	07218	81820	87650		318	82418	70022	22209	856//	07705	88638			318	00091	013	jp	+							
Ronaldsway	204	72514	80031	22109	35406	06110	81715	83650	87075	204	72214	75012	20310	55402	05809	81716	85635	87075	204	97101	009	+	pro							
Mull of Galloway	131	72725	80021	20009	25638	05113	82645	85360	87275	131	72328	84022	17309	756//	06817	87645			131	00091										
Ekdalemuir	162	72212	80031	18207	724//	04219	83712	87822		162	22321	59201	16107	28400	04817	81710			162	97071	005	+	ido pro							
Frestwick	135	72617	62158	18009	68431	06214	81816	84656		135	72315	68016	15608	756//	06816	83636	87644		135	97091	007	pro	iro							
Abbotsinch	140	62516	68258	16910	48502	05312	81822	83650		140	82012	68038	14909	855//	05809	81622	83638	88647	140	97101	012	pro	iro							
Leuchars	171	12525	80020	13108	18431	04227	81818			171	72419	66801	12908	784//	06713	83814	87620		171	97101	052	+	pro							
Dyce	091	12514	84020	11509	11641	02325	81830			091	72111	82021	11007	2557/	04810	82620	87362		091	00101	033	+	+							
Lerwick	005	72629	66808	00707	6943/	04235	84910			005	82522	48808	02207	893//	07805	83708	87910		005	09082	006	propho ro	proprro rorr							
Wick	075	32725	80038	07907	38401	05219	81818			075	82117	82021	06608	15637	06711	81630	85360	88270	075	00081	032	+	+							
Sule Skerry	010	72630	48818	06109	734//	07242	87912			010	82330	58618	02909	3742/	07717	83710	88550		010	04102										
Cape Wrath	049	82339	74158	07809	864//	06243	88715			049	82330	66626	02708	874//	07743	88712			049	10092	000	irrr	irrr							
Stornoway	026	72317	75038	10008	784//	07018	84718	87630		026	82121	58638	03208	853//	07743	86709	88622		026	08092	003	pro ro ro	ro ro RR							
Benbecula	022	72217	69038	12509	15436	09006	81615	86360	87275	022	82025	70606	04809	854//	08848	84614	88627		022	07101	000	rrrr ro	ir ro RR pro							
Tiree	100	72420	60808	15209	733//	08005	82706	84912	86635	100	82135	62038	08209	7547/	07741	82712	87625	88459	100	07102	000	pro	prorrrR							
Aldergrove	917	72411	66021	20907	756//	05006	87635			917	72015	70026	16807	784//	04722	83712	84818	86622	917	97081	000	+	ro pro							
Malin	980	82418	65038	18209	5647/	07003	85717	88462		980	52235	75256	11909	58400	05741	82817	84640		980	9710	001									
Belmullet	976	72221	74011	19910	68472	07809	81714	85635	85070	976	72228	75808	14710	785//	07726	83821	87635		976	9711	001									
Birr	965	82108	70021	24609	854//	06002	83716	88632		965	71808	70216	21108	756//	05714	87633			965	9709	000									
Dublin	969	72413	80021	23608	756//	05105	87640			969	72110	65012	20508	6573/	04817	86650			969	0009	000									
Shannon	962	72210	80038	24809	5567/	05000	85635	87459		962	72113	70258	21009	785//	06818	84827	87645		962	0110	000									
Roches Point	952	82108	75032	26910	856//	06001	88638			952	42215	75258	24109	45400	08708	81715	84634		952	9710	000									
Valentia	953	82110	75022	25610	856//	06803	88640			953	72318	70258	23010	785//	08808	85820	87640		953	9411	000									

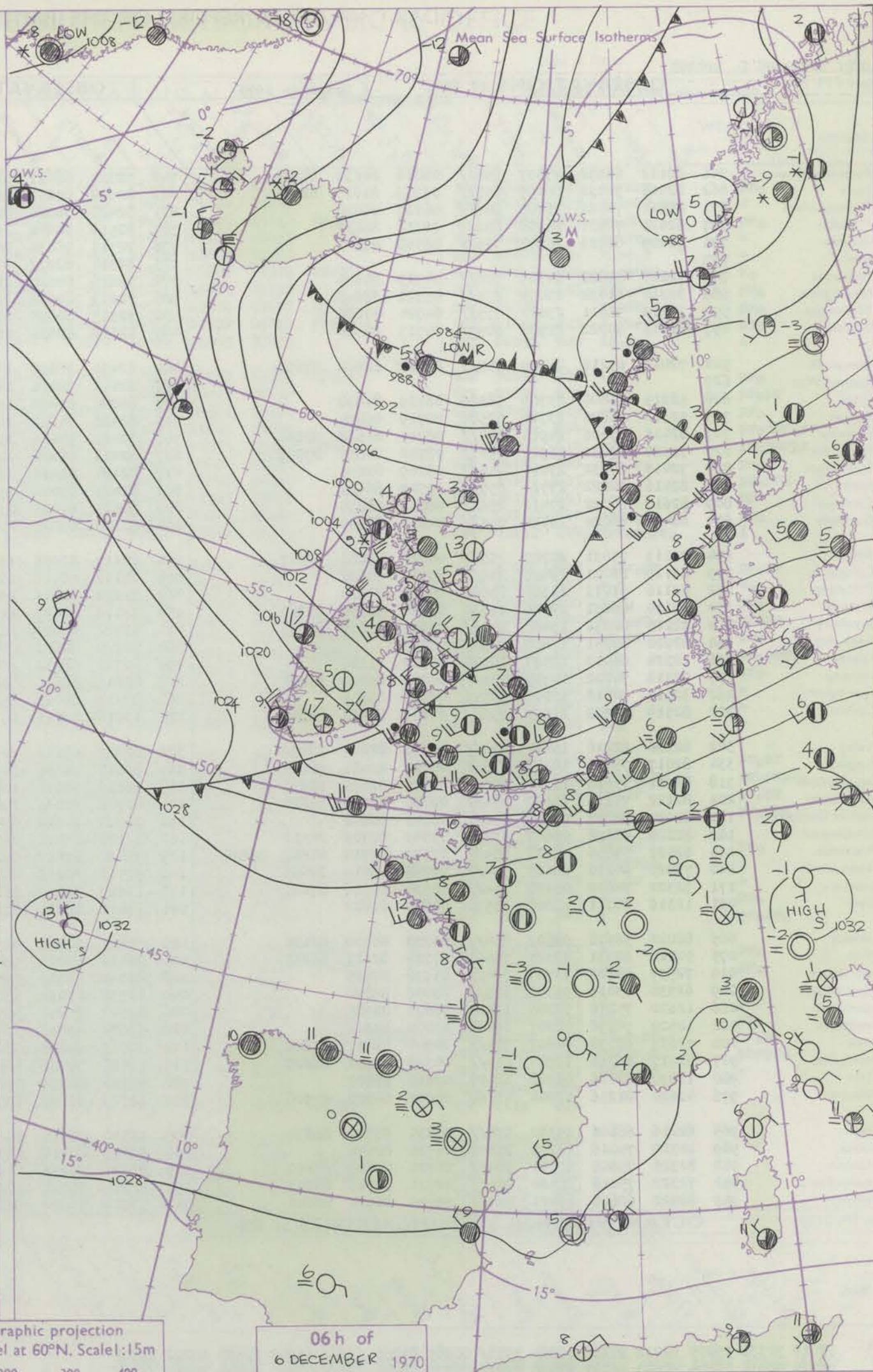
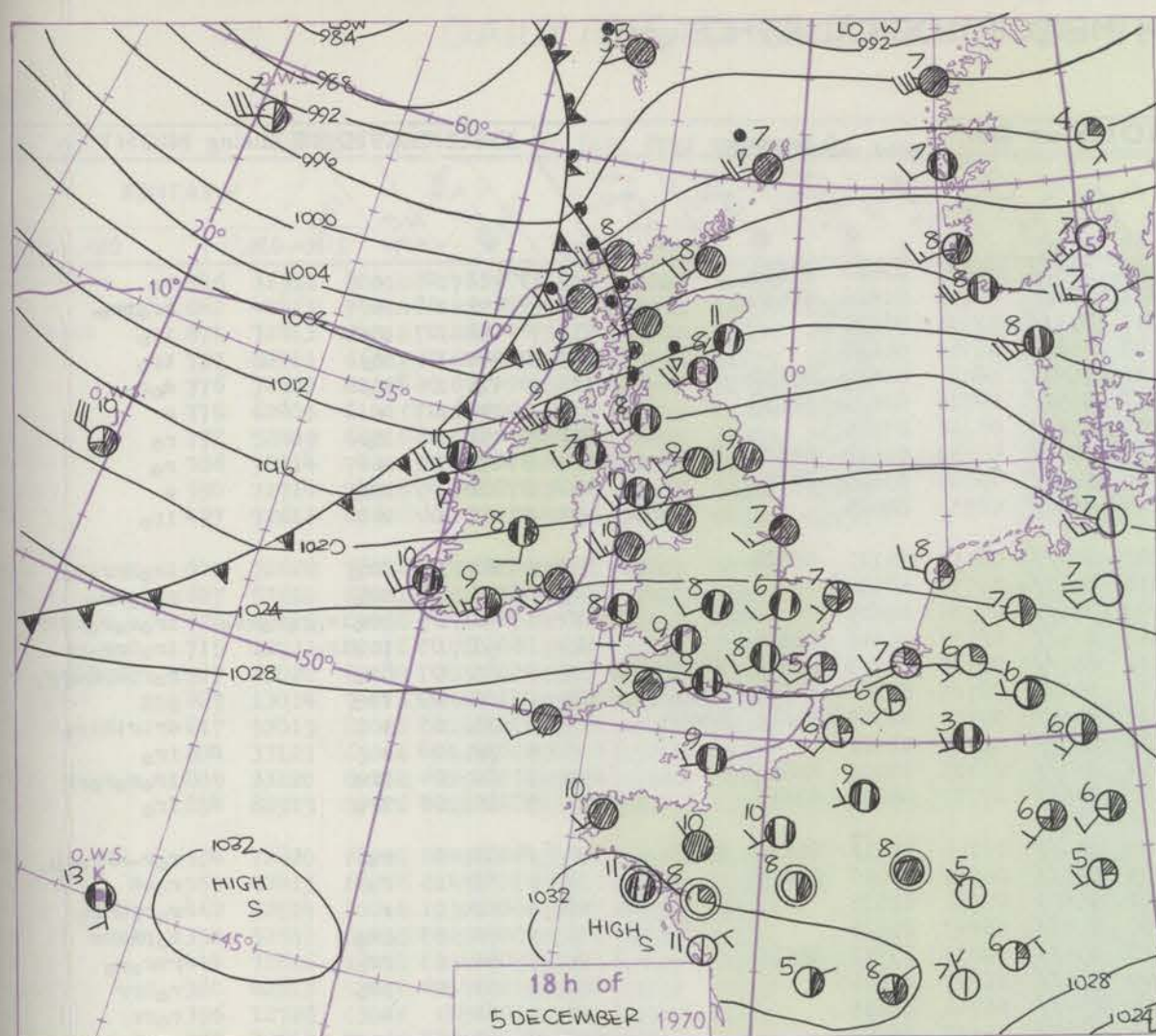
Code FM 21.D		OCEAN WEATHER STATION REPORTS at 12h.														OCEAN WEATHER STATION REPORTS at 18h.													
O.W.S.	99L _a L _b L _c	QcLoLoLoLo	YYGGIw	Nddff	VVwwVV	PPPTT	N _h C _L hC _M C _H	D _s vapp	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _d T _d	IT _w T _w T _w T _t	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L _a L _b L _c	QcLoLoLoLo	YYGGIw	Nddff	VVwwVV	PPPTT	N _h C _L hC _M C _H	D _s vapp	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _d T _d	IT _w T _w T _w T _t	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
A	99620	70332	05124	80316	97808	85004	6947/	00228	86914	////	05402	10610	30405	////	A	99620	70334	05184	53114	97158	97504	49560	00267	84928	////	05200	10576	30202	99504
B	99565	70510	05124	72910	98028	07300	38420	00022	81810	83625	0//55	10313	30502	35705	B	99565	70510	05184	80721	96712	05650	4142/	00624	84812	88550	0//54	10342	30503	34807
C	99524	70364	05124	72528	97028	16806	58570	00244	82630	83640	0//01	10794	30811	////	C	99525	70353	05104	62711	98021	21406	11506	00225	81820	86070	0//51	10776	30403	30907
D															D														
E	99349	70477	05124	62912	98021	13218	55501	00004	85630	////	0//11	12070	30301	05604	E	99350	70479	05184	72018	98031	08119	78400	00730	83815	86630	0//15	12037	30402	04603
I	99589	70193	05124	72433	97216	91708	58438	00522	83815	83640	0//05	10915	30909	99/07	I	99588	70195	05184	52528	98278	95606	59400	00221	82915	////	0//02	10908	30907	99/07
J	99526	70202	05124	72230	97028	14811	755//	00610	87620	////	0//09	11185	30066	26010	J	99526	70203	05184	62732	97156	18910	32532	00321	83827	85070	0//03	11190	30606	26010
K	99449	70158	05124	71106	98032	31514	75600	00003	87643	////	0//08	11507	30000	31004	K	99450	70160	05184	71705	97022	31513	756//	00305	87633	////	0//08	11490	30000	31009
M	99650	10014	05124	81122	97618	79306	7722/	31308	87706	////	05205	10711	30704	22011	M	99649	10022	05184	63517	98018	84706	69400	81335	82915	85630	05105	10693	30503	22008

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

The depression near Faeroes yesterday moved northeast to the Norwegian coast while another depression has replaced it in Faeroes by this morning. This new depression is expected to move east-southeast towards Denmark. An associated

front moved southeast rapidly over night and by this morning lay across central England. This southeast movement will continue as a ridge builds to the west of the British Isles, bringing a cold, unstable northwest airstream to all areas.

Issued at midday Sunday 6 December 1970

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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		6 December 1970										6 December 1970										6 December 1970									
Station		iii	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s		iii	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s		iii	RRT _n F	T _g T _g	WEATHER						
																									21h.—03h.	03h.—09h.					
Boscombe Down	746	82112	66032	25507	856//	06616	84630	88645				746	72324	66011	18909	755//	06834	82620	87645			746	97071	05	+	ro					
Hurn	862	82506	70032	26109	855//	07713	81620	88635				862	82314	65252	20611	884//	08732	81818	88634			862	92091	08	+	pro					
Thorney Island	871	82211	70026	26709	856//	06717	88644					871	82420	66026	20911	857//	07731	88650			871	01091	07	roir	iro						
Manston	797	82615	74021	26308	856//	06716	88632					797	42516	80016	19708	45600	06740	84630			797	91061	05	ro	iro						
Gatwick	776	72209	68022	26208	756//	06718	87641					776	72314	75036	20110	755//	06734	81620	87650			776	92071	06	ro	do					
Kew	775											775	82314	82022	18211	855//	04736	81625	88638			775	00091	07	+	+					
Heathrow	772	72115	80022	24509	756//	04719	87645					772	72217	80036	18210	756//	05736	87645			772	97091	08	ro	ro						
Honington	586	82212	61032	23008	856//	05722	88648					586	72219	62602	16009	754//	05738	81618	83630	87641		586	97071	05	+	ro					
Wattisham	590	72213	58011	23607	755//	04724	87628					590	72317	60026	17108	755//	05735	83625	87650		590	97062	05	iro	+						
Gorleston	497	82113	63022	22908	8097//	05717	88360					497	82118	62602	16109	855//	06739	88625			497	97051	04	+	iro						
Aberporth	502	72019	69218	21209	755//	07722	82620	87656				502	82420	37636	15907	854//	06519	84711	88626		502	06061	05	iro	iro						
Ross-on-Wye	627											627	82415	70216	14610	8042//	07733	88510			627	06051	05	iro	rpro						
Filton	628	52215	66808	23709	58500	06719	84828					628	82220	62608	17209	855//	07734	88625			628	07061	05	pro	iro						
Rhoose	715	52318	80806	23710	52500	08719	85820					715	82426	75608	16810	854//	08737	86616	88624		715	06051	05	pro	iro						
Chivenor	707	82416	69606	24911	854//	08715	84618	88640				707	82422	59616	19111	854//	08730	83713	85618	88635	707	05081	07	iro	ro						
Mount Batten	827	72520	69032	26911	4567//	08712	84645	87359				827	82423	66026	22111	854//	08725	82710	84630	88650	827	03102	09	iro	ro						
St. Mawgan	817	72417	69032	27010	756//	08709	87645					817	82424	66212	22310	853//	08725	82709	85618	88640	817	03081	07	+	drir						
Silly	804	82416	74022	27711	855//	09709	88625					804	82423	69022	23311	855//	08722	88621			804	01092	08	+	iro						
Culdrose	809	82617	80022	27411	856//	08812	88630					809	82625	64026	23011	853//	08726	82706	88630		809	01082	04	iro	iro						
Guernsey	894	82415	80026	29410	856//	04811	88630					894	82320	80022	25111	855//	07723	84626	87640		894	97101	08	iro	iro						
Elmdon	534	72113	75031	21707	755//	05720	83628	87647				534	72119	82026	13209	754//	06748	81618	85620	87636	534	04042	01	ro	ro						
Cardington	559	82115	62021	23408	856//	05717	88635					559	82117	62216	16209	854//	06737	82710	88627		559	03062	05	ro	ro						
Wittering	462	22116	61011	21306	15601	05725	81630					462	22223	62011	13607	15601	05751	81635			462	06022	01	+	ro						
Watnall	354	42114	66251	19706	25630	05824	82630	83360				354	72118	74022	11008	755//	06747	87626			354	05042	03	pro	ro						
Shawbury	414	72213	80031	19808	755//	06825	83622	86635				414	82522	48646	11510	854//	09839	83710	88615		414	05051	03	rrro	ro						
Finningley	360	02220	80251	17608	00900	04735						360	72220	82601	09509	755//	06747	87626			360	03061	04	pro	ro						
Kilnsea	396	12324	66012	18507	10970	04724	81360					396	82332	66031	10907	857//	06740	88656			396	01062	+	+	ro						
Leeming	257	72318	74022	14709	755//	05740	83620	85650				257	82813	66636	08606	8082//	04622	88557			257	01061	02	+	ro						
Tynemouth	262	32515	74018	12008	30940	07738	83359					262	82514	81028	05807	8097//	05622	88358			262	93051	04	pr	+						
Carlisle	222	82519	66608	11509	856//	07837	83630	88640				222	12818	80216	07106	15600	04511	81640			222	08051	03	pro	ro						
Valley	302	82236	62216	16810	854//	08833	82614	88630				302	62827	69216	12508	684//	05302	83818	85632		302	02071	05	iro	iro						
Ringway	334	82017	75036	18108	855//	04732	82620	88656				334	82611	56636	11506	853//	05522	82709	84616	88650	334	07062	04	ro	ro						
Squires Gate	318	82221	75616	16309	856//	07733	82635	88656				318	72815	70216	10308	754//	06510	82618	87627		318	03071	05	ro	ro						
Ronaldsway	204	82122	75216	13610	854//	06736	83714	88618				204	42722	80036	10307	45400	02706	81715	84630		204	04071	05	iro	ro						
Mull of Galloway	131	82035	82022	09709	856//	06741	88640					131	32820	84028	08407	32500	03701	83820			131	02051			ro						
Eskdalemuir	162	82226	48628	09607	873//	05743	82709	88710				162	82720	64216	06204	874//	01506	88715			162	12031	01	pro	ro						
Prestwick	135	82522	59636	08508	854//	07739	83																								

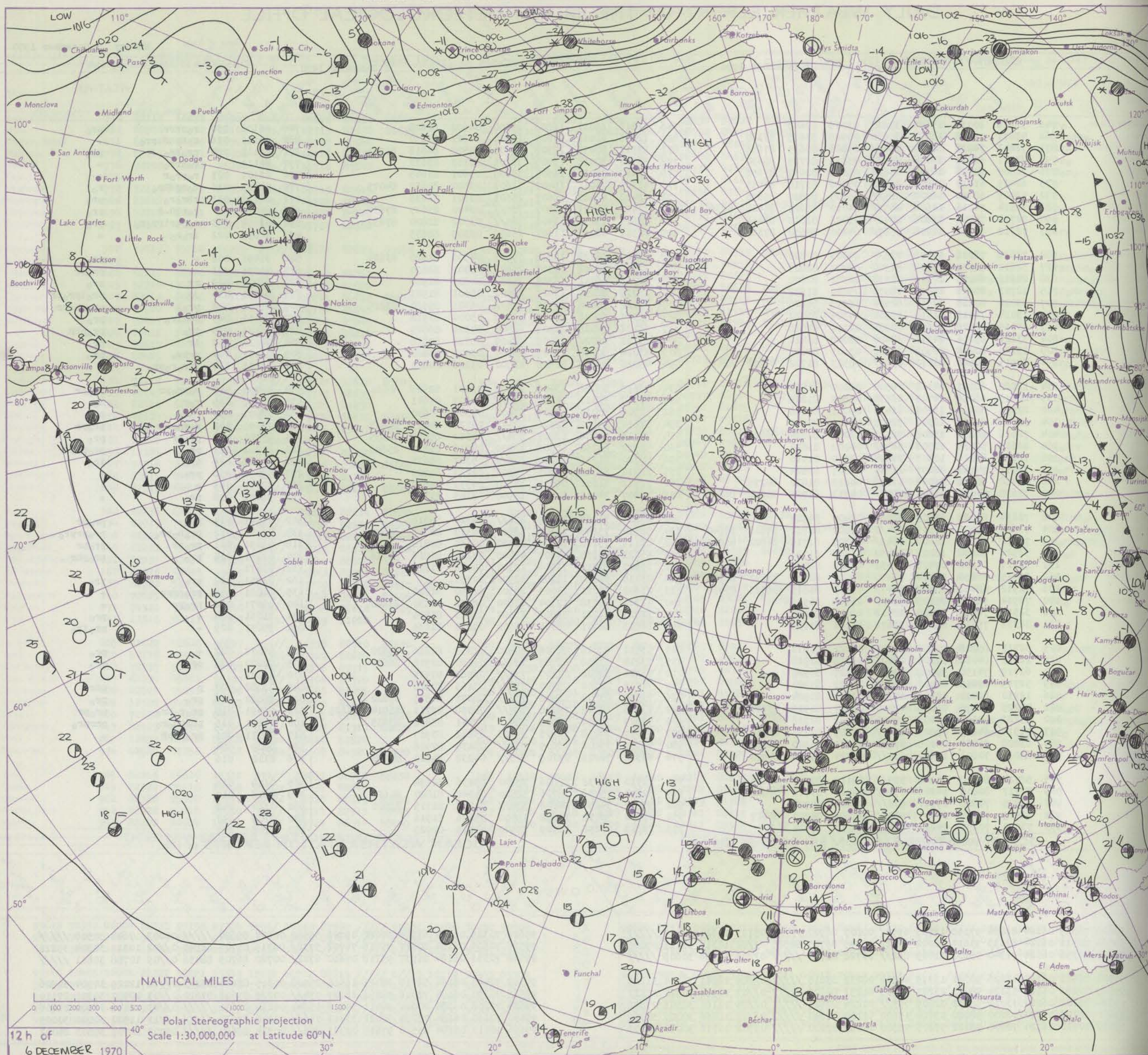
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39827

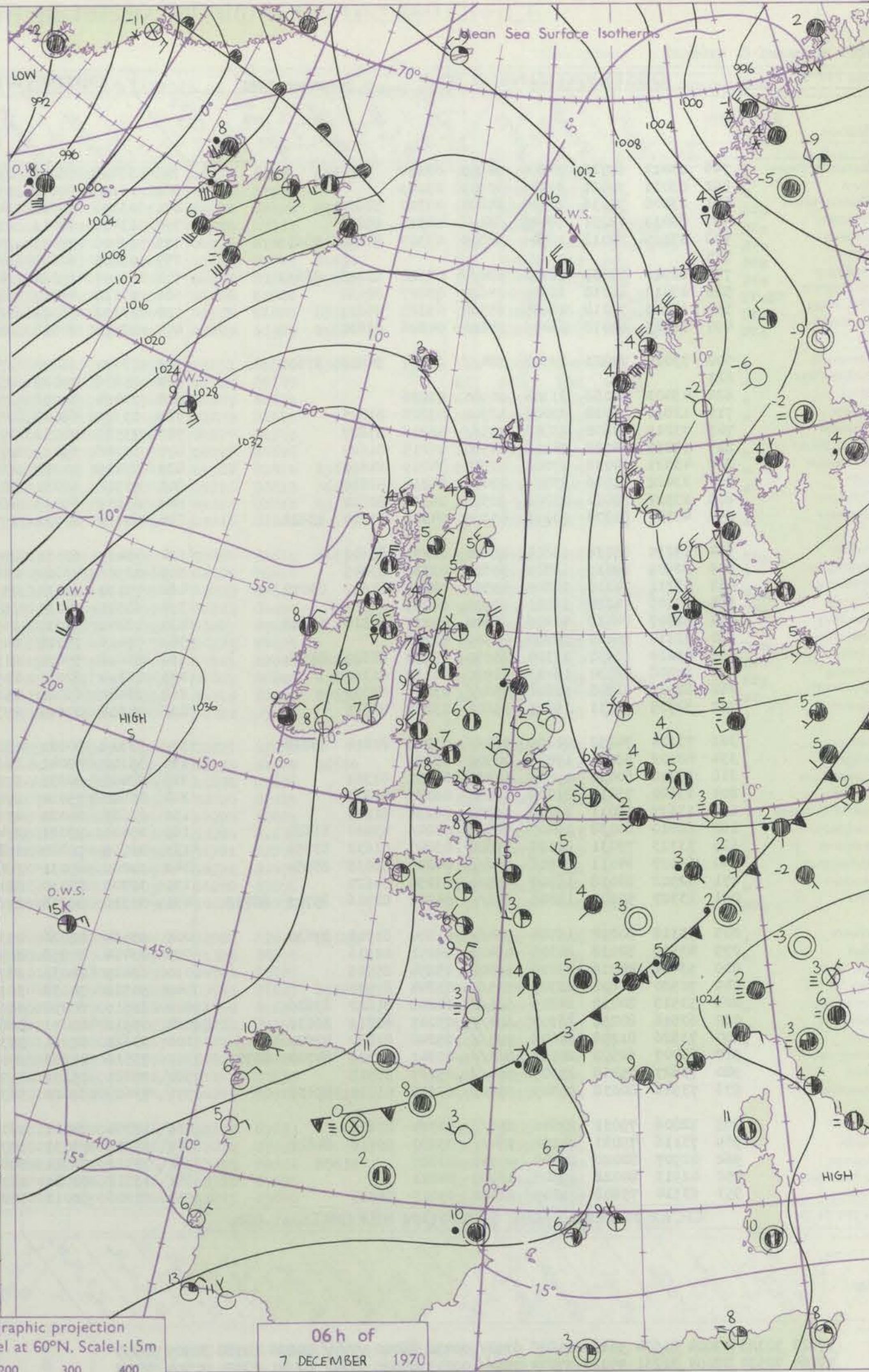
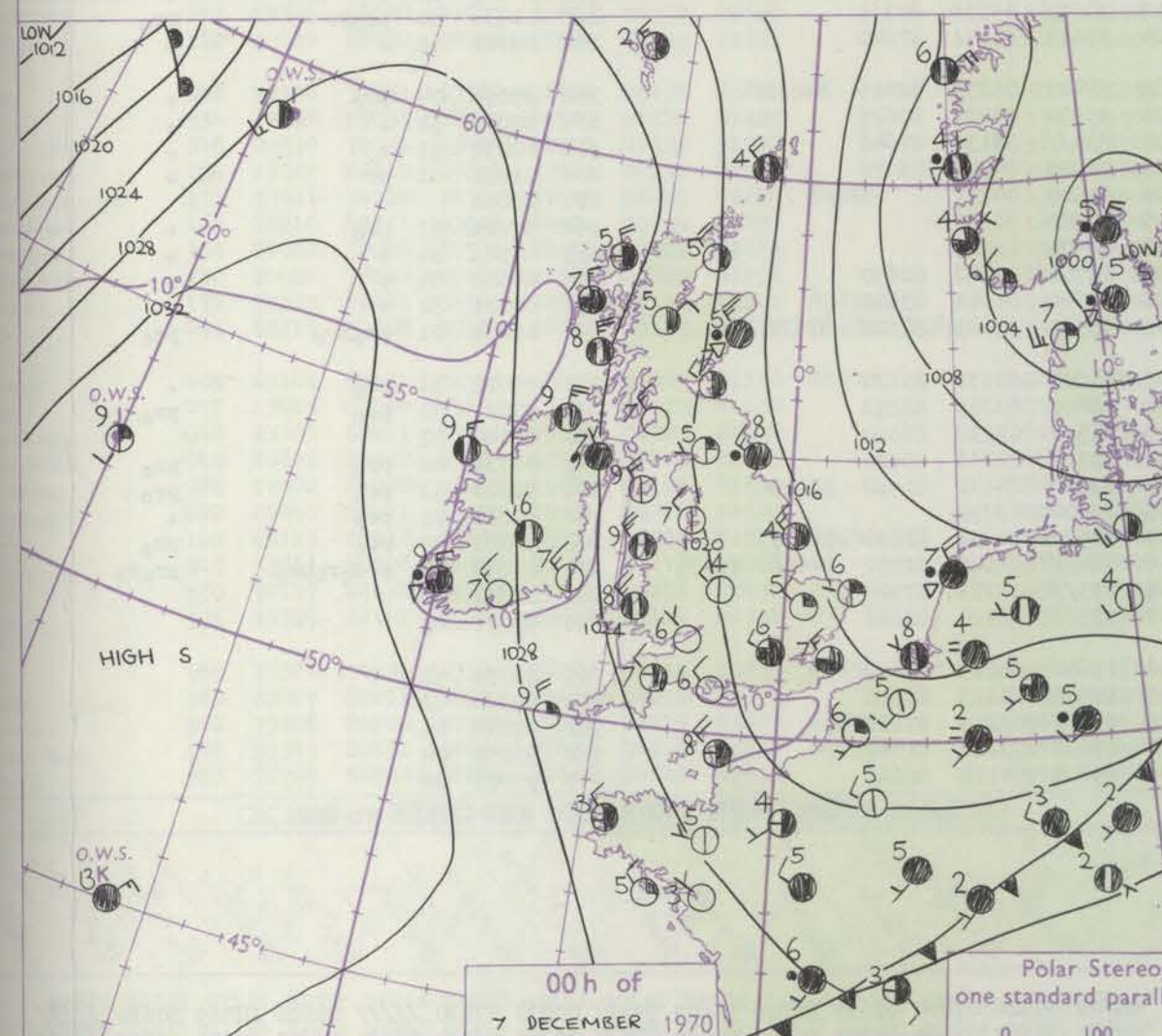
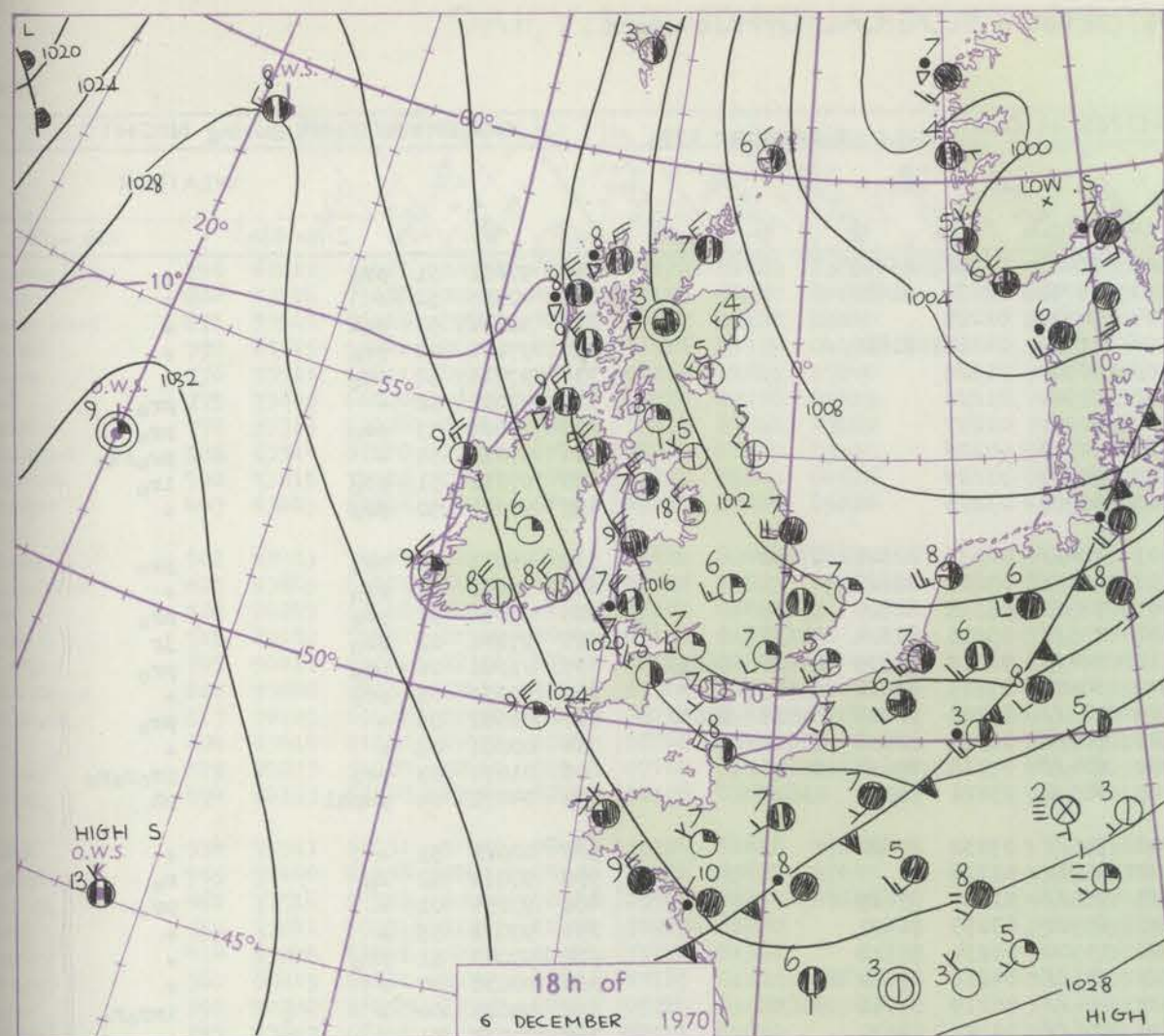
Date of Issue Monday 7 December 1970

Code FM II.D		OBSERVATIONS at 12h.								6 December 1970		OBSERVATIONS at 18h.								6 December 1970		OBSERVATIONS during DAY				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	32916	80018	17607	35600	03006	82640			746	22816	69011	16806	25500	04602	82628			746	03101	030	roPhrr	pro			
Hurn	862	42813	75018	18707	35630	04008	83635	83360		862	12406	60018	17807	15600	04801	81630			862	04111	026	roRphR-pr	+			
Thorney Island	871	72813	74218	18107	756//	05803	85635	87656		871	52517	80038	17308	59400	02805	84818	81925		871	02111	024	proRro	pro			
Manston	797	82711	66611	16206	854//	05513	81715	88630		797	32313	80036	16005	35600	03103	83637			797	02111		roRrrro	+			
Gatwick	776	72507	82218	16707	756//	05503	82630	87656		776	32410	75031	16505	35600	03601	83645			776	02101	021	roproR	+			
Kew	775	62405	61017	15807	1647//	05206	81710	86459		775	42307	70011	15407	15602	03500	81632	84075		775	04111	026	droRHRro	ro			
Heathrow	772	52409	68216	16007	585//	05005	81820	85650		772	22410	66020	15607	25601	03301	82635			772	04111	031	rRroRo	pro			
Honington	586	72514	74216	13606	4857//	04010	81620	84626	86360	586	72413	78021	12707	755//	03400	83627	87637		586	04091		roRHR-R	pro			
Watlington	590	72714	74218	13806	2842//	05002	81812	87458		590	72513	75251	13406	785//	03302	82820	87632		590	01092	023	roPhrrrrroRo	pro			
Gorleston	497	72612	60606	12206	4567//	04400	84630	87360		497	22311	62016	11607	25600	03305	82635			497	02091	022	iroro	+			
Aberporth	502	72628	78026	17408	725//	04005	87820			502	72829	66028	16608	795//	04500	81920	83824		502	91091	008	+	pro			
Ross-on-Wye	627	52610	82031	15808	51500	02400	82825			627	32712	70028	15307	25603	03001	82630			627	01091	031	+	proPr			
Filton	628	22615	64058	17309	22530	02502	82820			628	22715	66011	16307	29500	04801	82920			628	93091	029	rr	pro			
Rhoose	715	12721	80026	17809	18570	05000	81822			715	12719	80258	17407	19500	05601	81921			715	94091	034	jp	prolpropr			
Chivenor	707	63020	80028	20510	62500	06210	86825			707	73021	56808	19708	795//	06301	85920	83825		707	01101	018	prol	proPhrpr			
Mount Batten	827	13014	74018	21810	18500	04304	81822			827	52914	69808	21609	59400	05000	83918			827	94111	043	pRhr	pro			
St. Mawgan	817	53019	82026	22609	42502	02110	84828			817	63122	74028	22909	68500	04306	86825			817	96101	035	ir	proPHR			
Silly	804	33121	69016	24211	32400	03009	83818			804	23123	66020	25009	22400	05313	82818			804	94111	053	ir	pr			
Culdrose	809	33120	80258	22909	22502	03107	82822			809	43014	80258	23607	48500	05208	83820			809	03111	042	rrpro	pro			
Guernsey	894	82915	70626	22210	851//	08513	81702	84706	88630	894	43016	81038	22508	42500	03206	84820			894	03111	014	irroRoPro	l			
Eimdon	534	12820	68027	14108	18500	02000	81825			534	32615	65038	13406	25602	03501	82635	87630		534	02091	042	roproPr	proPr			
Cardington	559	22415	66016	14707	28530	05804	81825			559	72312	78011	14107	756//	04307	87641			559	01081	035	ror	do			
Wittering	462	22514	80018	13207	11432	04001	81818			462	52509	80011	12506	55602	03306	85640			462	93091	030	roRo	pro			
Watnall	354	52612	69038	12307	52500	02000	85820			354	82610	59808	12106	824//	04120	84815	88817		354	01091	042	roRoPro	proPr			
Shawbury	414	72616	78158	13808	725//	03002	82824	86828		414	72714	74808	13807	784//	04312	85817	86635		414	95081	025	propr	pro			
Finningley	360	42613	58018	10708	38532	04002	83822			360	52912	64258	10606	58500	04315	81825	85645		360	01081	027	pro	proPrpr			
Kilnsea	396	12728	63026	10507	10944	03400	81360			396	82720	61216	10407	855//	05301	88625			396	01082	026	ir	ir			
Leeming	257	32511	74166	08207	21543	02807	82824			257	22912	82018	09905	18502	02223	81825			257	97091	036	pro	+			
Tynemouth	262	42718	66021	06007	11638	04812	81830	84275		262	12912	61011	09005	15600	04331	81630			262	00071	043	+	+			
Carlisle	222	72618	66028	06607	784//	04713	81712	83820	86645	222	12807	74018	11805	10940	03345	81360			222	91071	008	pro	+			
Valley	302	72834	80021	13909	62432	04400	86817			302	63024	74038	15809	624//	04324	86818			302	01091	014	pro	proPr			
Ringway	334	72616	65808	11807	784/2	03802	82712	84818	86640	334	52912	75258	12105	58400	04317	82818	85645		334	02081	012	proRoPro	proPrpro			
Squires Gate	318	72722	65808	10608	784/3	05807	81718	84822	86645	318	23116	75018	12807	22400	04334	82818			318	01091	001	proPr	proPr			
Ronaldsway	204	52526	70158	10208	48432	05807	81716			204	43023	80278	14407	49400	03240	84816	81916		204	02091	014	pro	proPhr			
Mull of Galloway	131	72727	63802	07407	57431	03808	85717			131	13427	80018	13606	12500	04346	81825			131	03071						
Eskdalemuir	162	52415	66258	05504	53400	03810	82712	83822	81918	162	03015	69018	11403	00900	00351				162	03051	010	pro R	pro			
Prestwick	135	72912	62258	05407	29473	03603	81815	82923	85458	135	21602	75021	13003	28500	02250	81822			135	04081	006	proprph	+			
Abbotsinch	140	72914	56808	05105	794//	03304	86915			140	42308	84038	12304	48600	02152	81830	83640		140	05071	022	propr	+			
Leuchars	171	32512	74011	03105	18432	03002	81818			171	12813	82021	09905	11502	01243	81820			171	91061	034	+	pro			
Dyce	091	32304	75011	03002	15671	51211	81630			091	12813	82021	08304	15600	00232	81635			091							

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Depression near the Faeroes moved east into Norway yesterday and filled up. Associated cold front from southwest Norway to the south of Ireland moved south-east, clearing southeast England by early afternoon and reaching east Denmark to North Spain by midnight, followed by a cold unstable northwest airstream. An anticyclone near O.W.S. 'K' almost stationary. An associated ridge from the centre

to the Denmark Strait, moved east in the north and now extends to the Faeroes. During the next 24 hours the ridge is expected to extend from the anticyclone to south Norway followed in the north by a trough of low pressure approaching western Scotland by tomorrow morning.

Issued at midday Monday 7 December 1970

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

Code FM I.L.D.		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT				
		7 December 1970										7 December 1970										7 December 1970				
Station		iii	Nddff	VVwww	PPPTT	N _h C _L M _C H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s		iii	Nddff	VVwww	PPPTT	N _h C _L M _C H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s		iii	RR _T n _T E	T _g T _g	WEATHER	
																									21h.—03h.	03h.—09h.
Boscombe Down	746	03011	69028	20804	00900	02234						746	33408	66011	25503	35400	03224	83615				746	97031	51	pro	+
Hurn	862	03011	70021	21106	00900	03229						862	13104	70010	25103	15700	02222	81650				862	00021	52	+	+
Thorney Island	871	23008	70036	20106	24600	04320	82630					871	03106	69020	24704	00900	02225					871	92031	51	rol	+
Manston	797	63013	72251	17407	684//	04313	85814					797	13412	64011	22906	11400	04232	81810				797	97041	02	pro	+
Gatwick	776	33109	70018	18705	38500	03317	81820	83636				776	03406	70020	24103	00900	01228					776	97011	52	pro	+
Kew	775											775	03205	62021	24403	00900	01228					775	97021	52	+	pro
Heathrow	772	62912	75038	18306	684//	03320	81818	86640				772	03007	65021	24302	00900	01227					772	97021	53	pro	pro
Honington	586	23012	66018	16705	25600	03227	82638					586	03112	59021	22702	00900	00226					586	97011	51	+	proido
Wattisham	590	63213	74018	16805	65500	03225	86627					590	03312	58021	22802	00900	01229					590	97011	51	pro	iro
Gorleston	497	32807	60018	15406	35600	04226	83630					497	02810	60018	20905	00900	03225					497	97031	50	pro	+
Aberporth	502	73025	74021	22508	784//	05227	84818	87630				502	73321	66028	27009	784//	06329	82818	87630			502	96071	05	pro	pro
Ross-on-Wye	627											627	83606	70028	25907	855//	05227	88628				627	97041	50	pro	+
Filton	628	03003	58058	21306	00900	02226						628	73004	62058	25907	785//	05325	81820	87635			628	97051	51	pro	pro
Rhoose	715	12810	75028	22005	18500	03228	81825					715	73307	68018	26608	755//	05225	82624	87634			715	97041	03	pro	jp
Chivenor	707	73219	74808	23808	725//	06218	87827					707	73311	74038	27310	784//	08219	82819	83824	86633		707	01081	06	pro	pro
Mount Batten	827	13215	74028	24108	14500	05215	81625					827	63106	69011	27309	68400	07215	82818	85645			827	97071	03	pro	+
St. Mawgan	817	43321	74038	25808	42500	04219	84820					817	73419	80258	28509	783//	07220	81708	84812	87630		817	01081	06	+	pro
Silly	804	23422	81026	27709	22400	04214	82818					804	73518	81031	30109	784//	06219	82818	86623			804	00081	08	+	+
Culdrose	809	23522	80018	25308	22500	04312	82820					809	63615	69028	28609	684//	07318	82814	86624			809	01071	03	pro	propro
Guernsey	894	43321	82278	23108	43500	04306	81924	83828				894	63417	83031	25709	68500	05221	85820	83628			894	04071	04	prphl	pr
Elmdon	534	13210	68038	19804	15600	02231	81640					534	73412	60031	25506	755//	03232	87622				534	00021	51	+	+
Cardington	559	32909	69015	18805	35600	03330	83645					559	02906	59100	24402	00900	01326					559	91011	52	do	ro
Wittering	462	33211	74018	18305	15501	02237	81627	83072				462	73110	66031	23905	755//	01227	87629				462	97031	01	+	pro
Watnall	354	03105	74028	19303	00900	01239						354	63511	74031	25306	65500	03235	86621				354	97011	55	+	+
Shawbury	414	32907	74018	20206	38400	04227	81814	83628				414	13208	74031	26506	15500	05234	81628				414	97041	51	pro	+
Finningley	360	03110	66020	18704	00900	02241						360	73416	78022	24907	755//	04236	87622				360	00031	00	+	+
Kilnsea	396	43214	66031	15304	25570	02230	82625	84360				396	83628	59626	21807	854//	06219	83716	88630			396	94020	00	+	irrro
Leeming	257	12808	82030	18203	10930	01132	81360					257	63315	82031	25906	656//	02241	86630				257	00021	53	+	+
Tynemouth	262	82916	61808	17804	856//	03231	88635					262	73420	66028	25107	7097//	05236	87359				262	01031	50	propr	pro
Carlisle	222	32705	74011	19605	35600	03236	83645					222	30203	80021	27304	15601	01241	81640				222	00021	52	+	+
Valley	302	73124	74252	22209	784//	07228	82814	85816				302	53319	80021	28309	58400	05237	82816	84818			302	97071	04	pro	+
Ringway	334	00102	58021	19804	00900	03233						334	53102	40041	26604	55500	03237	85625				334	00031	52	+	+
Squires Gate	318	13208	80030	19807	10930	06231	81362					318	73407	80031	27008	756//	04139	87646				318	00051	51	+	+
Ronaldsway	204	13320	75018	21009	18400	06335	81814					204	33513	75010	27807	00902	04232	83070				204	01051	01	pr	+
Mull of Galloway	131	13627	78011	20608	11500	06236	81820					131	03623	84020	27606	00900	04231					131	00051			+
Eskdalemuir	162	63010	80038	19405	685//	03246	83820	85630				162	03404	82021	27403	00900	52135					162	97021	53	pro	+
Prestwick	135	33313	75031	21107	35600	05247	81632	83650				135	00504	70000	28704	00900	02239					135	00511	54	+	+
Abbotsinch	140	62107	84011	20506	656//	04248	82638	85650				140	10000	89031	28802	15700	00242	81650				140	00513	54	+	+
Leuchars	171	42912	83018	18907	45500	03254	84627					171	32702	85030	28105	35600	01244	83630				171	00031	52	+	+
Dyce	091	83327	50608	18805	873//	04371	82706	85707	88712			091	33316	82258	27105	38580	02245	81820	83636			091	01031	01	proiro	pro

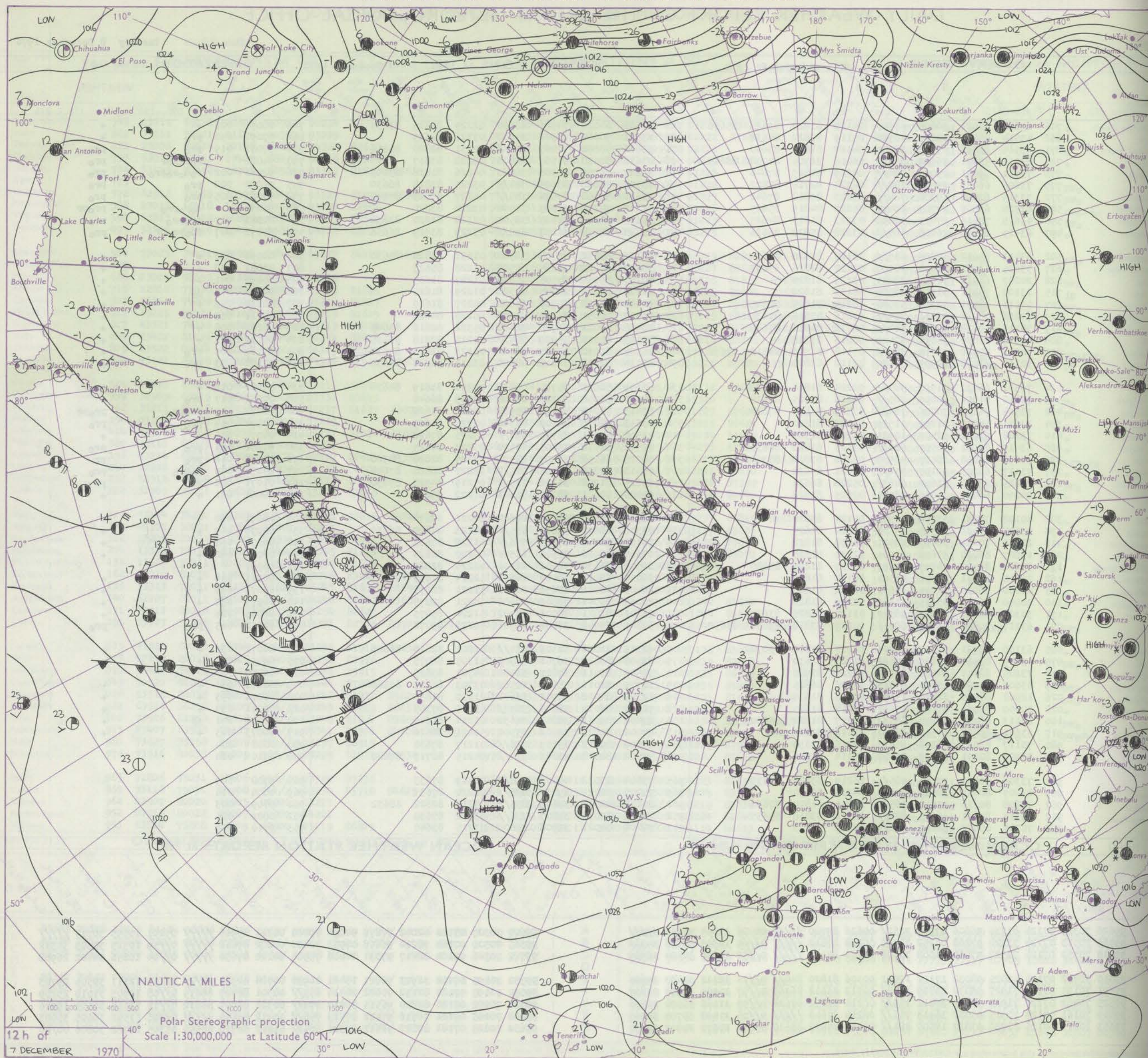
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39828

Date of Issue Tuesday 8 December 1970

Code FM ILD		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		7 December 1970										7 December 1970																			
Station	iii	Nddff	VVwww	PPPTT	N _h ChC _h CH	T _d app	BN _s Ch _s h _s	BN _s Ch _s h _s	BN _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h ChC _h CH	T _d app	BN _s Ch _s h _s	BN _s Ch _s h _s	BN _s Ch _s h _s	iii	RRT x F	SSS	WEATHER									
																						09h.—15h.	15h.—21h.								
Boscombe Down	746	63611	64021	30808	68500	04122	81822	83634	85650	746	53608	64021	34505	48530	02225	81825	83635		746	00081	026	+	+								
Hurn	862	43514	75038	30209	48500	05119	82820	84638		862	13511	70011	33906	15600	03326	81635			862	97091	030	pro	+								
Thorney Island	871	33514	66018	29907	38500	04117	81820	83640		871	53610	58801	34007	585//	04231	82820	85650		871	97081	019	pro	pro								
Manston	797	83515	58021	26907	852//	06216	81705	84708	88645	797	43618	80018	31507	48400	03228	83817			797	94081		ropropr	pro								
Garwick	776	73511	59211	29007	784//	04219	81815	87640		776	33607	59258	33306	38400	04226	81818	83645		776	92081	002	rodoopro	pro								
Kew	775	73606	66028	29408	784//	04224	82718	84822		775	73509	58808	33606	784//	03225	83818	86630		775	91081	002	pro	pro								
Heathrow	772	73315	62028	29308	784//	03223	83818	87642		772	73510	59808	33606	785//	04227	83823	87640		772	97081	005	pro	pro								
Honington	586	63314	62808	27707	68400	05228	84815	85625		586	33308	74258	32805	31500	03228	83820			586	96091		doopro	propr								
Wattisham	590	43615	70016	27407	48400	03223	81815	84625		590	33614	64258	32605	38500	02328	81820	83630		590	01081	017	iropro	pro								
Gorleston	497	63415	60818	26008	685//	03228	85820	86626		497	63628	62258	31207	695//	03229	83929	86656		497	95092	007	idopropr	pro								
Aberporth	502	63413	74012	32809	685//	06128	82820	86630		502	30113	83031	36707	38500	01231	81820	83630		502	00091	038	+	+								
Ross-on-Wye	627	53605	66021	31708	58500	03122	81825	85635		627	53303	60021	36205	55500	01228	85625			627	00081	038	+	+								
Filton	628	20207	66018	31608	28500	03123	81822			628	10107	59050	35505	15600	01227	81635			628	00091	041	+	+								
Rhoose	715	23102	75011	31909	28500	06123	81822			715	10108	66021	35905	15500	01229	81625			715	00111	019	jp	+								
Chivenor	707	50111	74031	32310	58500	08219	81825	84645		707	10607	66011	35707	15600	04227	81640			707	00111	056	+	+								
Mount Batten	827	73608	78032	32011	784//	07216	82818	87630		827	40307	58051	35308	45500	06228	84626			827	00111	023	+	+								
St. Mawgan	817	70115	69028	32910	784//	08216	84812	87645		817	40408	70021	35708	48400	05322	82818	83645		817	00101	008	+	+								
Scilly	804	43614	81020	34011	32401	06216	83818			804	70113	81021	35909	784//	05215	82818	86625		804	00111	031	+	+								
Culdrose	809	70213	74028	32410	783//	07118	81709	83818	87632	809	30308	69011	35307	38400	05323	81818	83634		809	97110	005	iro	+								
Guernsey	894	30117	83018	29909	32530	02118	83825			894	40114	83018	32808	48500	03216	82822	83635		894	97101	023	pro	+								
Elmdon	534	73511	66031	31507	784//	02224	81818	87626		534	63609	58031	35705	55430	00224	83619	84630		534	97081	016	+	iro								
Cardington	559	73410	61056	30007	785//	04226	83825	87635		559	63306	56058	34205	65600	04225	86640			559	97081	017	pro	+								
Wittering	462	73514	74258	30006	784//	03328	83814	87628		462	53413	58258	34405	55500	03226	85622			462	91071	019	propro	propr								
Watnall	354	13611	58051	31207	11500	02223	81820			354	43613	58038	35705	45500	02223	84629			354	97071	014	pro	pro								
Shawbury	414	13208	61041	32407	10931	03228	81362			414	73508	50041	36905	755//	03225	87628			414	00071	055	+	+								
Finningley	360	63419	69031	30707	685//	03125	81820	86635		360	43512	61018	35405	45500	03222	84625			360	91081	019	pro	pro								
Kilnsea	396	50230	66258	28507	48570	05228	83820	83360		396	40228	66258	33507	22570	04205	82820	84360		396	93081	016	pro	pr								
Leeming	257	73417	66205	32107	756//	02121	87630			257	73413	62808	37105	785//	02227	86820	87640		257	97071	009	doopro	pro								
Tynemouth	262	73625	66028	31607	6463/	05228	86630			262	73624	61258	36306	735//	05219	84920	87630		262	01071	000	pr	pr								
Carlisle	222	20000	66030	34006	28541	02125	81828			222	60000	70021	38204	55601	01222	85638			222	00061	031	+	+								
Valley	302	40108	74031	33709	31502	05124	83820			302	20311	82030	37505	25600	02221	82630			302	00091	060	+	+								
Ringway	334	23508	59031	32307	25500	01224	82625			334	73306	40041	36805	755//	00223	84620	86630		334	00071	049	+	+								
Squires Gate	318	20310	70031	33407	28501	01228	81822			318	70103	50041	37805	756//	01228	87638			318	00071	068	+	+								
Ronaldsway	204	13607	86010	34608	11501	02130	81825			204	13604	80010	38602	14501	00220	81625			204	00081	062	+	+								
Mull of Galloway	131	33611	84020	34707	11501	05227	81825	83080		131	20509	84030	38006	21500	02220	82825			131	00091											
Eskdalemuir	162	20210	80011	33904	28501	00124	81827			162	20000	69011	38400	24601	52224	82635			162	00051	048	+	+								
Prestwick	135	20000	56040	34705	15641	02122	81640			135	20000	50041	38850	00901	51221	82075			135	00073	050	+	+								
Abbotsinch	140	20000	56040	35105	11502	03229	81828			140	20000	25041	38800	00901	50221	82075			140	00073	062	+	+								
Leuchars	171	33303	86011	34005	38502	01124	81820	83635		171	53301	83021	38001	00902	51220	85075			171	00063	024	+	+								
Dyce	091	63317	70808	33705	684//	02129	83818	83630	85650	091	52809	62048	37802	00901	50221	85070			091	91051	005	pro	pro								
Lerwick	005	63106	82031	32703	38404	51																									

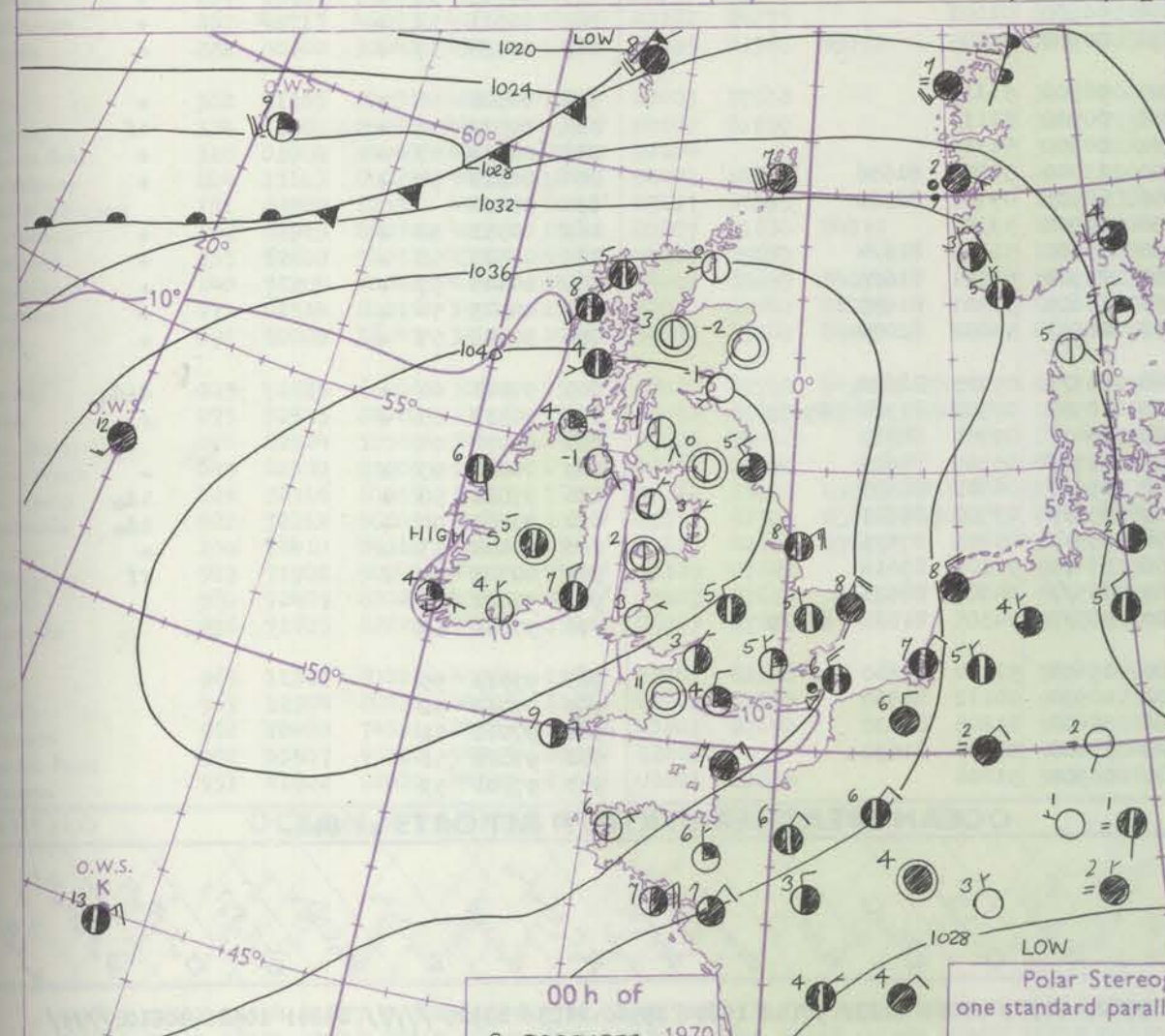
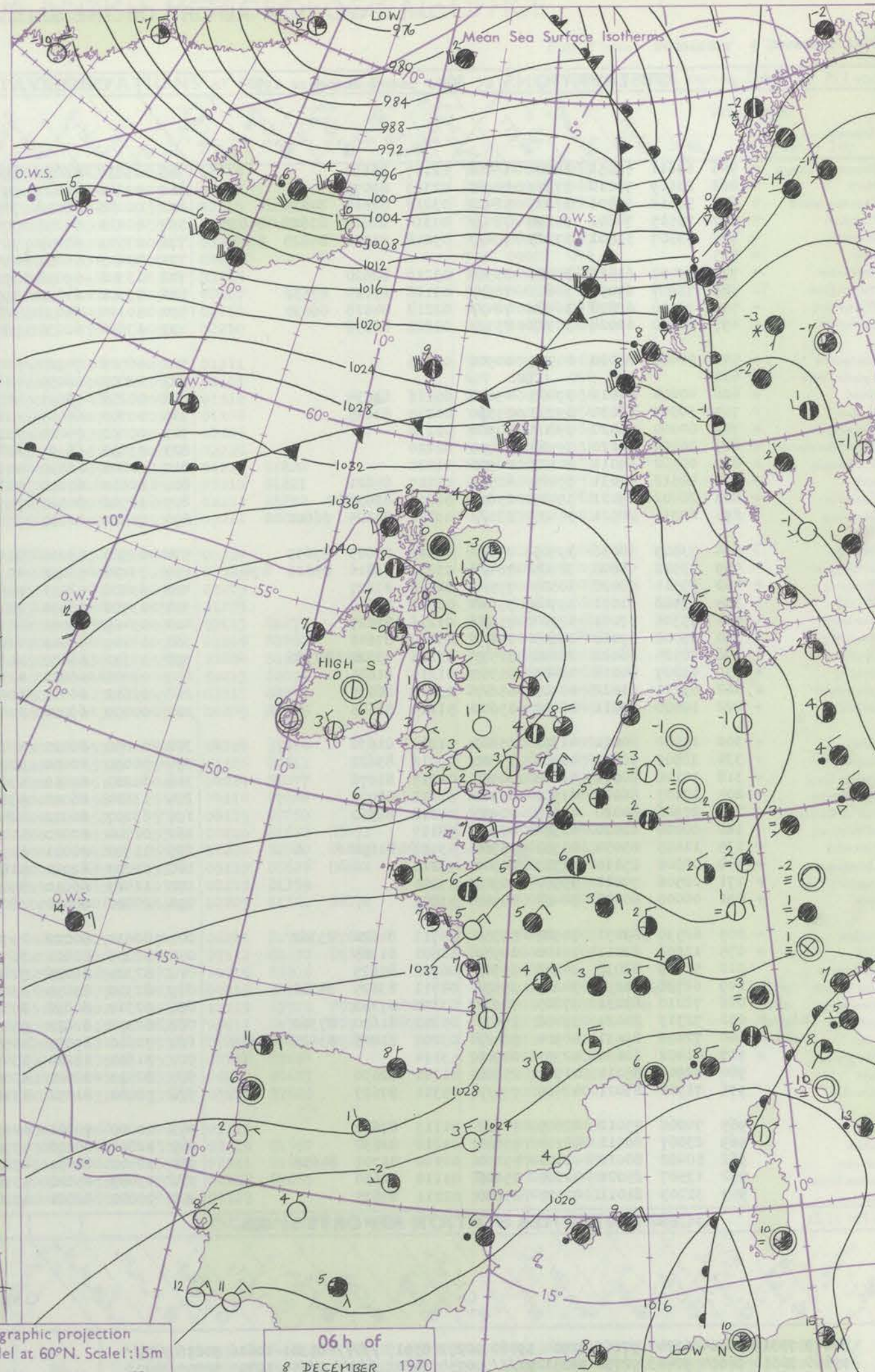
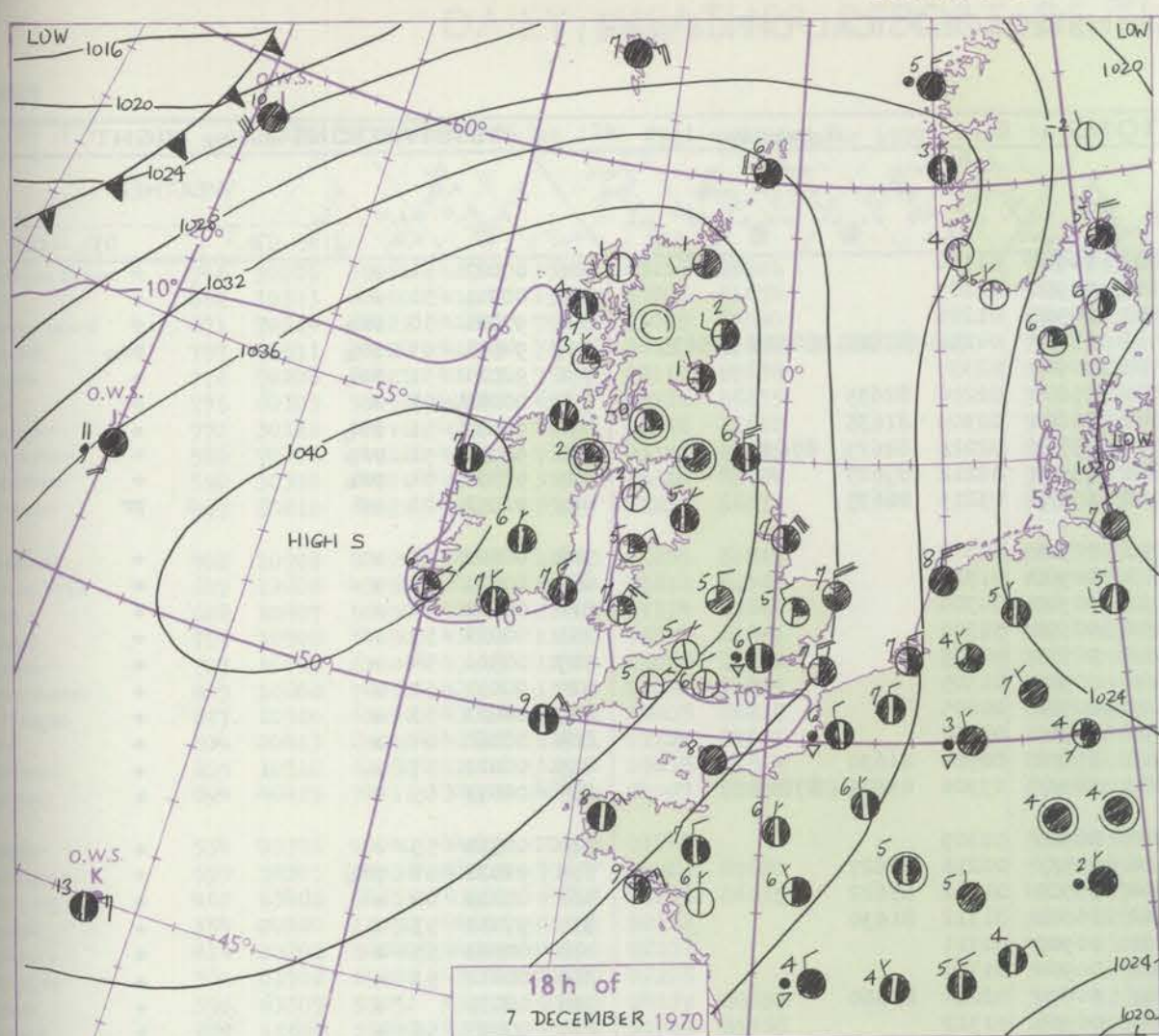
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



12 h of
7 DECEMBER 1970

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

CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 8 December 1970

The anticyclone to the southwest of Ireland yesterday moved slowly eastwards and the associated ridge extending northwards from the centre, towards Iceland, moved southeastwards over central areas of the British Isles. During the next 24 hours

the anticyclone and its associated ridge are expected to move slowly southeastwards and to dominate the situation over the British Isles.

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

Code FM I.L.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		8 December 1970										8 December 1970																			
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _h CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _h CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT _n E	T _g T _g	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	63611	58051	38504	65600	02117	86632			746	03610	56051	39902	00900	01104				746	00021	51	+		+							
Hurn	862	23609	75010	37704	00901	02313	82075			862	03611	70021	39102	00900	01203				862	00011	51	+		+							
Thorney Island	871	53612	58801	37705	58400	03218	82814	84634		871	00108	58058	38903	00900	01205				871	97021	50	pro		+							
Manston	797	73515	74801	35206	784//	04314	82814	83620	85638	797	70114	74252	37407	784//	04211	82814	84626	85635	797	94051	03	pro		pro							
Gatwick	776	73507	57801	37205	784//	03218	81710	84820	87630	776	03503	60018	38703	00900	02307				776	92021	51	pro		+							
Kew	775									775	23605	56051	39004	25600	02206	82635			775	00041	01	+		+							
Heathrow	772	33407	61018	37505	35500	03219	82620			772	13306	59018	39203	15600	02309	81635			772	97031	51	pro		+							
Honington	586	73507	69258	36605	785//	03116	83820	87632		586	73308	61038	39504	755//	02216	82625	87630		586	96031	51	pro		+							
Wattisham	590	70110	62808	36404	784//	02218	84818	86635		590	50110	66038	38804	55500	02212	85625			590	92031	01	pro		+							
Gorleston	497	80120	60028	35508	857//	02222	88656			497	63620	62038	38008	656//	03215	86635			497	92051	03	pr		pr							
Aberporth	502	00406	83020	40903	00900	00216				502	00505	74020	42703	00900	50313				502	00503	54	+		+							
Ross-on-Wye	627									627	02002	48050	41702	00900	01310				627	00011	53	+		+							
Filton	628	40204	62011	39403	45600	00116	84634			628	00208	59051	40703	00900	00304				628	00011	51	+		+							
Rhoose	715	30000	66030	39703	35500	00219	83625			715	00302	66021	41102	00900	50305				715	00011	53	+		+							
Chivenor	707	00000	70020	39803	00900	01218				707	00000	70020	41201	00900	50205				707	00501	54	+		+							
Mount Batten	827	00409	66020	39506	00900	02220				827	03606	66020	40405	00900	01305				827	00031	51	+		+							
St. Mawgan	817	00502	69011	40103	00900	01220				817	00804	66020	41103	00900	00205				817	00023	53	+		+							
Scilly	804	40512	81031	39109	42500	05217	84821			804	00612	81010	40106	00900	02207				804	00060	04	+		+							
Culdrose	809	20402	69021	39103	25600	02218	82630			809	10502	80020	39902	15600	00500	81630			809	00011	57	+		+							
Guernsey	894	60314	80021	36407	685//	03112	84824	86640		894	70412	80031	37207	785//	03306	83624	87640		894	00071	05	+		+							
Elmdon	534	73509	58036	39705	755//	01214	85625	87633		534	03507	58011	41901	00900	50309				534	00511	55	+		+							
Cardington	559	73512	48808	38405	784//	03219	83816	85826	87650	559	73410	58058	40304	755//	02216	87627			559	91031	01	pro		+							
Wittering	462	73511	58028	38505	755//	02118	87627			462	53408	58031	40804	55500	01212	85622			462	00031	00	+		+							
Watnall	354	53408	61051	39704	55600	01215	85640			354	13508	48050	42102	15600	01312	81630			354	97011	53	+		+							
Shawbury	414	73306	37041	40704	755//	01216	87625			414	03409	50041	42701	00900	50311				414	00003	55	+		+							
Finningley	360	73508	59018	39605	756//	03119	87641			360	03207	59011	42002	00900	01315				360	00011	51	+		+							
Kilnsea	396	70524	66022	38208	3257/	03226	83820	87360		396	50312	66032	40707	50970	02214	85360			396	00031		+		+							
Leeming	257	13207	80018	40403	15500	01215	81625			257	02806	66020	42500	00900	51312				257	00503	56	+		+							
Tynemouth	262	63211	61022	40405	656//	03220	86635			262	02612	66011	40601	00900	01002				262	00011	52	+		+							
Carlisle	222	10000	69011	42000	15600	51219	81645			222	00000	69020	42451	00900	52105				222	00533	57	+		+							
Valley	302	10000	80021	41302	15601	01213	81630			302	00000	80021	43001	00900	51113				302	00501	56	+		+							
Ringway	334	32905	50041	40902	35500	00216	83622			334	00000	40040	42850	00900	51111				334	00523	54	+		if							
Squires Gate	318	10106	80011	41403	00902	01217	81070			318	00201	65010	43051	00900	51313				318	00533	57	+		+							
Ronaldsway	204	10107	86020	41901	00901	51113	81075			204	13604	86020	43150	15700	51209	81656			204	00513	54	+		+							
Mull of Galloway	131	20906	84020	41905	20930	01218	82360			131	63207	80022	42406	6093/	05303	86360			131	00031		+		+							
Eskdalemuir	162	00000	82020	42354	00900	58117				162	02704	82020	42050	00900	53307				162	00551	58	+		+							
Prestwick	135	11403	63050	41751	15701	53113	81650			135	11302	70011	42500	15500	51305	81624			135	00523	55	+		+							
Abbotsinch	140	00000	25110	41753	00900	53210				140	22003	62011	41801	25500	51501	81625			140	00543	57	+		+							
Leuchars	171	02506	70011	39951	00900	53206				171	12513	66010	39201	15600	51301	81640			171	00523	54	+		+							
Dyce	091	00000	80021	38452	00900	53802				091	20000	80030	38053	00901	54002	82070			091	00543	57	+		+							
Lerwick	005	62530	82031	30907	4555/	04711	84620	85362		005	82631	80022	29708	855//	05705	88620			005	97061	04	+		dodo							
Wick	075	12606	82011	37100	10930	52601	81365			075	52205	82021	36504	10942	02500	81362	85075		075	00513	55	+		+							
Sule Skerry																															

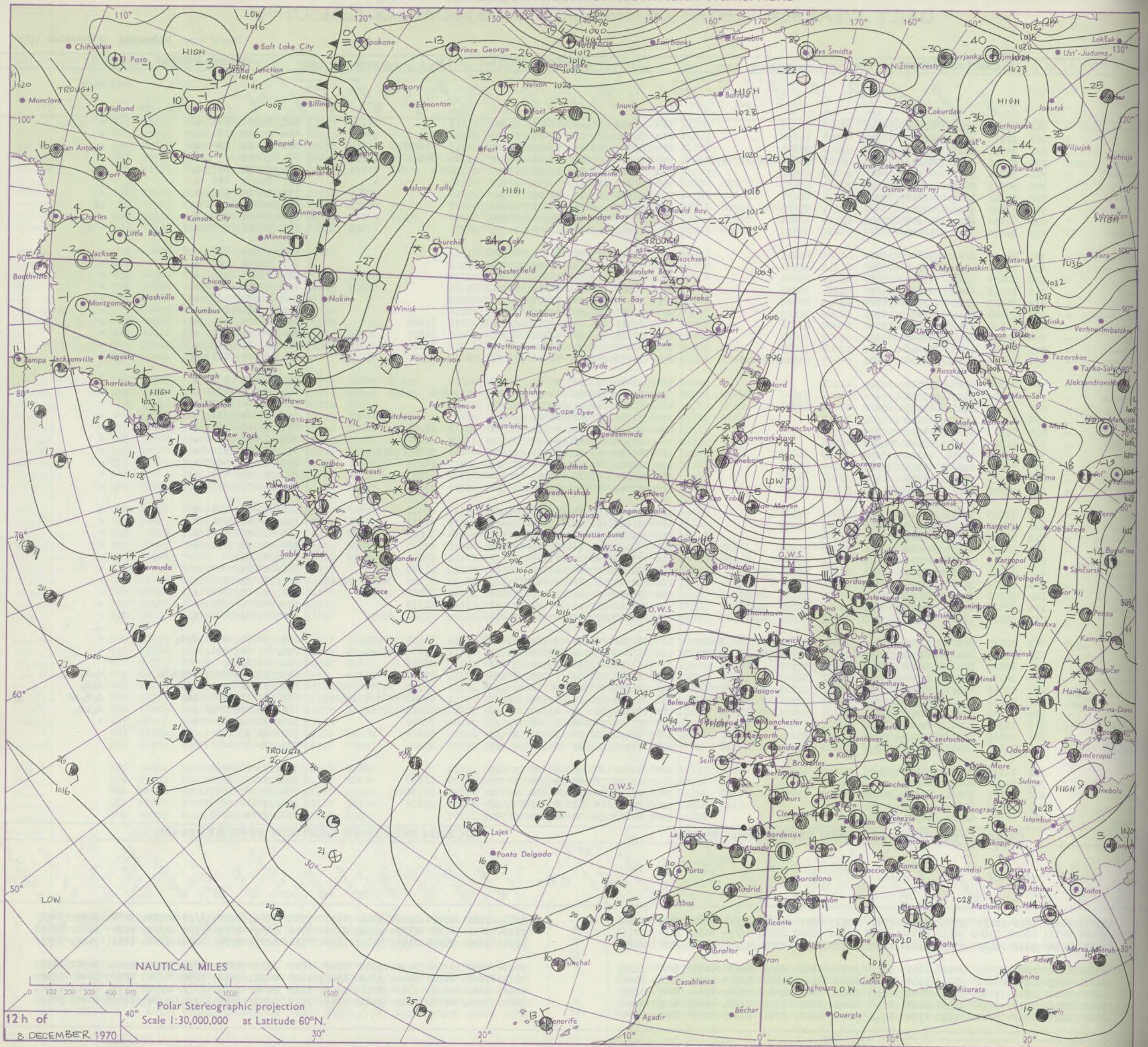
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39829

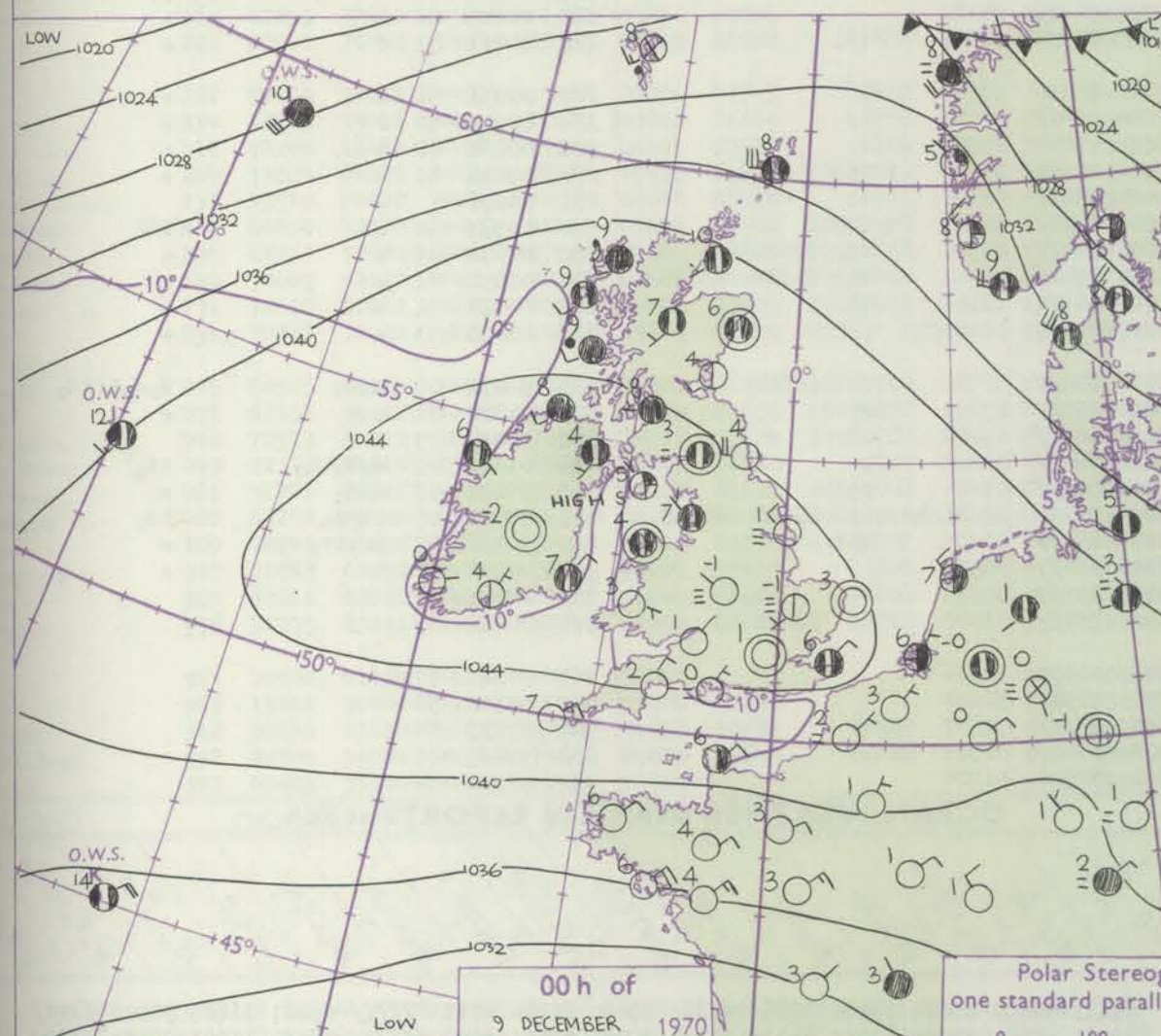
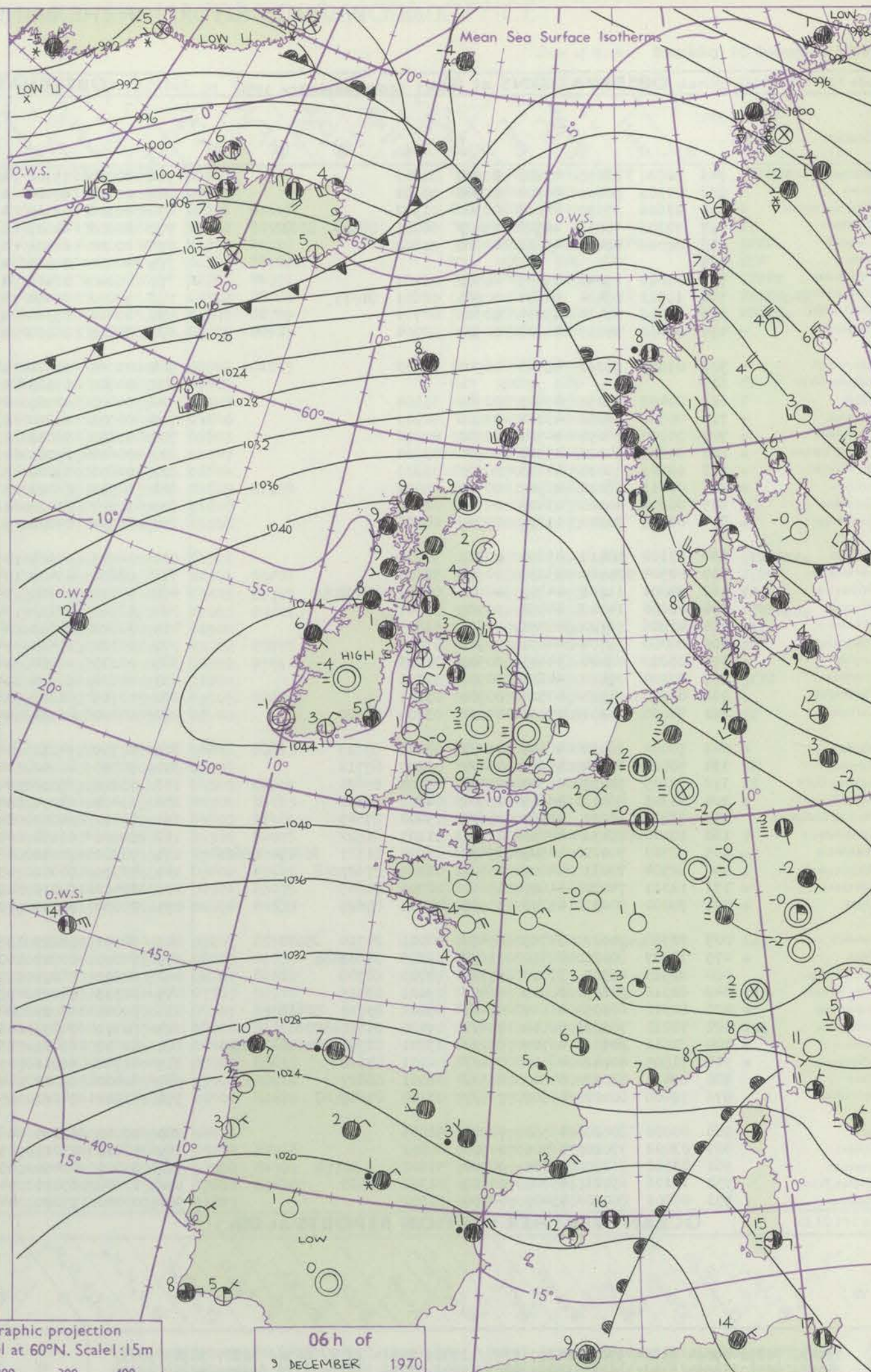
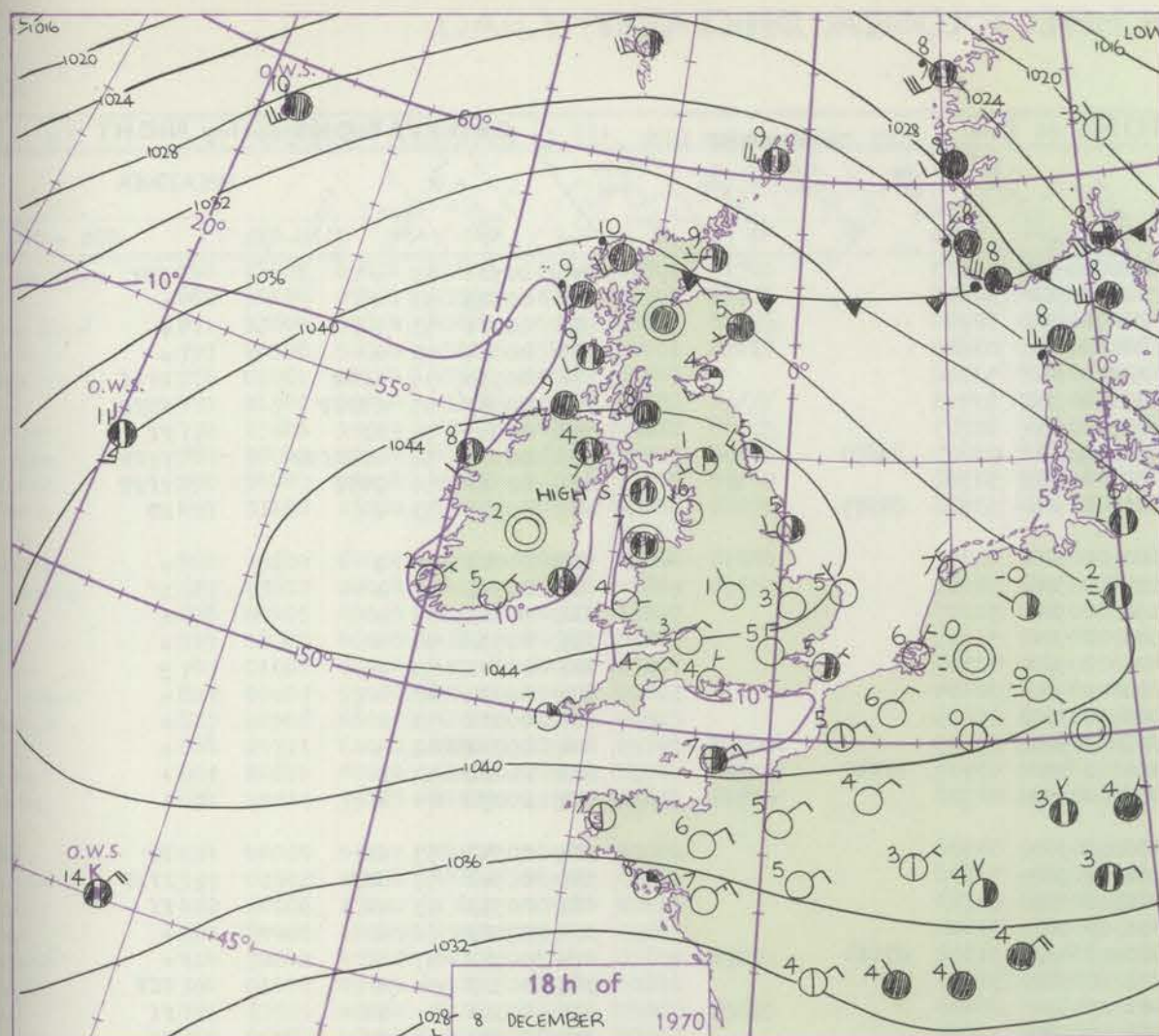
Date of Issue Wednesday 9 December 1970

Code FM II.D		OBSERVATIONS at 12h.									OBSERVATIONS at 18h.									OBSERVATIONS during DAY								
		8 December 1970									8 December 1970																	
Station	iii	Nddff	VVwwwV	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwV	PPPTT	N _h Ch _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR	T _e T _e	SSS	WEATHER					
																							09h.—15h.	15h.—21h.				
Boscombe Down	746	30208	59051	42907	35501	03215	83626			746	00308	40050	44203	00900	01213				746	00071	041	+		+				
Hurn	862	10313	60010	41907	15700	03008	81650			862	00106	50010	43404	00900	02314				862	00081	062	+		+				
Thorney Island	871	70314	62021	41807	756//	03009	87640			871	10207	58011	43405	15700	02215	81650			871	00081	030	+		+				
Manston	797	70511	80022	41309	785//	04117	81824	84628	87645	797	40405	70031	43105	45500	03210	84624			797	00101		+		+				
Gatwick	776	70208	60021	41807	756//	02112	87638			776	00303	56051	43705	00900	03214				776	00081	007	+		+				
Kew	775	60309	58051	42308	656//	02211	86635			775	00203	48051	43805	00900	02214				775	00081	046	+		+				
Heathrow	772	30112	60011	42308	25601	02110	82632			772	03608	50010	44105	00900	03215				772	00081	042	+		+				
Honington	586	70408	74022	42807	755//	03111	87625			586	03107	58011	44103	00900	02207				586	00081		+		1f				
Wattisham	590	30310	64011	42807	35500	03114	83624			590	03506	58011	44104	00900	02210				590	00083	046	+		+				
Gorleston	497	60210	62021	42109	656//	03214	86633			497	03103	58011	43605	00900	02210				497	00090	007	+		+				
Aberporth	502	10705	80020	44106	11400	01205	81815			502	00802	74020	45604	00900	01311				502	00071	067	+		+				
Ross-on-Wye	627	12602	48050	44305	10940	01212	81362			627	02402	48050	45403	00900	01101				627	00071	045	+		+				
Filton	628	20407	56050	43605	25600	01114	82645			628	00309	23051	44803	00900	01312				628	00061	056	+		+				
Rhoose	715	10508	64050	43605	11630	02314	81840			715	00307	56050	44303	00900	01108				715	00061	054	+		+				
Chivenor	707	10609	61020	43408	11500	03009	81826			707	00412	59050	43806	00900	02206				707	00081	068	+		+				
Mount Batten	827	10608	78010	42307	11500	02006	81825			827	00506	40050	43205	00900	02214				827	00081	058	+		+				
St. Mawgan	817	10510	61020	43006	12400	02008	81818			817	10710	66020	43504	11500	01211	81820			817	00071	070	+		+				
Scilly	804	20413	81010	42108	11501	01209	81821			804	20609	81020	42407	28500	03210	81821			804	00080	071	+		+				
Culdrose	809	10510	62050	42206	12500	03208	81824			809	60406	58051	42604	685//	02212	83822	86630		809	00070	068	+		+				
Guernsey	894	40419	74011	38908	48400	04007	83818	83635		894	20716	70018	40308	21500	03211	82820			894	97091	013	pro		+				
Elmdon	534	00306	40040	44604	00900	01213				534	03402	20040	45601	00900	00210				534	00083	062	+		f				
Cardington	559	70305	58051	43305	756//	04011	87630			559	03502	48051	44802	00900	00312				559	00073	009	+		+				
Wittering	462	63406	58031	43905	65600	02115	86635			462	02702	37041	44702	00900	01209				462	00061	020	+		+				
Watnall	354	00000	11050	44106	00900	02112				354	02706	13040	44603	00900	01105				354	97061	030	+		+				
Shawbury	414	00202	56040	44205	00900	02108				414	10000	56040	45801	00901	50113	81075			414	00063	060	+		+				
Finningley	360	01702	19040	43604	00900	02108				360	12502	19040	44104	00901	01109	81080			360	00081	044	+		f				
Kilnsea	396	63307	57052	43306	65600	04109	86630			396	42610	57031	43705	15531	03204	81625	83360		396	00070	022	+		+				
Leeming	257	11604	59040	43303	10932	01004	81368			257	20000	40040	44402	00901	50213	82075			257	00063	066	+		+				
Tynemouth	262	42713	48051	41805	00908	03102	84275			262	22813	58020	42905	00901	03311	82075			262	00051	053	+		+				
Carlisle	222	50000	30041	43702	10944	51105	81365	85072		222	32305	48041	44301	00901	00209	83075			222	00053	045	+		+				
Valley	302	71105	80031	44106	754//	03003	87618			302	70000	74022	45707	754//	04214	87616			302	00081	024	+		+				
Ringway	334	11903	25044	44203	15702	00107	81650			334	71904	11041	45703	754//	01216	87612			334	00041	054	f		+				
Squires Gate	318	01001	14040	44004	00900	02104				318	22804	60011	45106	00901	04214	82077			318	00070	036	+		+				
Ronaldsway	204	13103	80021	44208	18401	04005	81818			204	70000	70011	45606	755//	04116	87620			204	00091	041	+		+				
Mull of Galloway	131	63209	82031	44207	656//	05111	86635			131	73208	60022	45307	757//	03115	87650			131	00071								
Eskdalemuir	162	62915	82031	42505	15601	01207	81630	84070		162	50205	80012	43502	15502	00210	81628	83073		162	00061	040	+		+				
Prestwick	135	62602	50051	43306	55641	04105	85630			135	82704	50042	44108	855//	06210	82620	84622	88625	135	00091	015	+		+				
Abbotsinch	140	72208	40041	42406	55601	04003	85635	84075		140	72308	70022	43507	755/2	05110	85626	86640		140	00081	001	+		+				
Leuchars	171	62514	80011	39905	15632	02006	81640	86075		171	22212	81011	41504	10932	02213	81359			171	00071	050	+		+				
Dyce	091	60000	57041	39201	10931	52002	81362	86070		091	62506	70022	40605	10942	02207	81360	86070		091	00081	028	+		+				
Lerwick	005	72625	66206	30309	751//	08400	82702	84705	87618	005	72726	66022	32709	754//	06211	81710	87625		005	94091	000	do do		+				
Wick	075	72515	82022	37008	754//	06005	81715	85620	86630	075	52707	82012	38609	25														

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 9 December 1970

The anticyclone over the British Isles has continued to move slowly east. A trough of low pressure has crossed the Northern Isles from the west and moved

across Scandinavia. During the next 24 hours little change is expected in the synoptic pattern over the British Isles.

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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		9 December 1970										9 December 1970																			
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s		iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s		iii	RRR	T _n T _n E	T _g T _g	WEATHER						
																									21h.—03h.	03h.—09h.					
Boscombe Down	746	00000	23050	45202	00900	01203					746	00000	15100	44000	00900	00707					746	00513	55	+		fff					
Hurn	862	00303	50100	44500	00900	50102					862	00106	60020	43500	00900	50603					862	00513	56	+		+					
Thorney Island	871	03606	37050	44603	00900	01302					871	00106	18100	43400	00900	50706					871	00511	53	+		+					
Manston	797	70208	70031	44306	754//	04001	86614	85638			797	00205	64011	42804	00900	03809					797	00041	50	+		+					
Gatwick	776	00000	02410	45051	00900	51202					776	00000	02414	43853	00900	53708					776	00533	56	fff		ffif					
Kew	775										775	00000	00444	43453	00900	53705					775	00543	57	fff		ffff					
Heathrow	772	00000	15040	45001	00900	01101					772	00000	08444	43751	00900	51707					772	00513	55	if		ff					
Honington	586	12303	08424	44851	00901	52601	81075				586	90000	00494	43951	9////	52805	89/00				586	00533	56	fff		ffff					
Wattisham	590	00000	01464	45100	00900	00701					590	03406	19104	43650	00900	51708					590	00513	56	ffff		ffff					
Garlestone	497	00000	57050	44103	00900	02004					497	32805	26050	42801	00901	53706	83075				497	00501	53	+		ff					
Aberporth	502	01005	66020	45703	00900	01003					502	01101	62020	44801	00900	50702					502	00003	55	+		+					
Ross-on-Wye	627										627	00000	17100	45154	00900	54602					627	00543	56	+		if					
Filton	628	00402	23050	45401	00900	51104					628	00401	32050	44150	00900	51807					628	97513	55	+		+					
Rhoose	715	00508	62050	45101	00900	00103					715	00505	60050	43900	00900	51607					715	00513	54	+		+					
Chivenor	707	00000	56050	44701	00900	00000					707	00000	56050	43401	00900	01707					707	00501	55	+		f					
Mount Batten	827	00807	74020	43505	00900	03804					827	00602	69020	42603	00900	02604					827	00030	52	+		+					
St. Mawgan	817	00909	59020	44103	00900	01805					817	00803	59020	43002	00900	01605					817	00011	53	+		+					
Silly	804	00613	66020	42907	00900	05004					804	00912	66020	41808	00900	05603					804	00061	02	+		+					
Culdrose	809	00604	40100	43403	00900	02000					809	10507	64010	42104	16400	03707	81710				809	00021	53	+		+					
Guernsey	894	00715	70010	41208	00900	04102					894	00714	70020	40707	00900	02703					894	00071	04	+		+					
Elmdon	534	03102	08414	45651	00900	51704					534	00000	00484	45153	00900	54706					534	00543	57	ff		ff					
Cardington	559	02504	09460	45251	00900	52103					559	03102	01484	44152	00900	53608					559	00543	57	fff		ffff					
Wittering	462	52804	11101	44701	00901	00802	85078				462	03006	14284	44202	00900	50703					462	00513	55	ff		ff					
Watnall	354	00000	14100	44851	00900	51801					354	03105	23104	44401	00900	01604					354	97523	56	f		+					
Shawbury	414	02806	56100	45551	00900	51503					414	72504	61041	44900	754//	51502	87614				414	00523	57	+		+					
Finningley	360	00000	19104	44401	00900	01000					360	00000	03424	44251	00900	51703					360	00523	54	f		fff					
Kilnsea	396	03010	08444	44401	00900	01103					396	03210	08444	44401	00900	00400					396	00503		ff		ff					
Leeming	257	00000	09410	44852	00900	53101					257	00000	56104	44852	00900	53304					257	00533	56	if		ff					
Tynemouth	262	02720	61020	43504	00900	03101					262	02715	61020	43905	00900	04101					262	00041	02	+		+					
Carlisle	222	70000	50101	45003	755//	03104	87620				222	80000	40104	44603	854//	02501	88615				222	00011	51	f		+					
Valley	302	70000	66032	46104	754//	03202	87617				302	10109	74011	44905	15400	03706	81616				302	00031	51	+		+					
Ringway	334	70000	11044	45604	764//	02000	87712				334	70000	40042	44704	764//	03605	87713				334	00031	50	f		+					
Squires Gate	318	73105	70031	45307	755//	05701	87621				318	73203	65032	44507	755//	05504	87620				318	00060	00	+		+					
Ronaldsway	204	33305	86011	45605	25502	04802	82622				204	13404	84030	44905	00901	03604	81075				204	00021	51	+		+					
Mull of Galloway	131	73210	66022	45507	756//	05400	87645				131	73212	84022	44907	756//	05601	87645				131	00071				ffff					
Eskdalemuir	162	10000	61051	44851	11501	51107	81822				162	90000	01454	44550	9////	51303	89/00				162	00523	56	+		ffff					
Prestwick	135	82703	70022	44508	854//	06801	81617	86619	88622		135	73202	70012	44207	754//	06500	83617	87620			135	00071	06	+		+					
Abbotsinch	140	82504	70031	44007	855//	06301	87622				140	72305	70022	43807	754//	06701	82616	84622	85650		140	00051	01	+		+					
Leuchars	171	12311	74020	41804	15600	02505	81645				171	12411	70010	42104	00901	03302	81075				171	00023	51	+		+					
Dyce	091	70000	80031	41206	55502	04801	85625				091	00000	70011	42202	00900	01203					091	00003	53	+		+					
Lerwick	005	72728	74022	34708	6543/	06001	84710	85630			005	82521	58205	35308	852//	00508	83703	88614			005	96071	06	d _o d _o		d _o d _o ifid _o					
Wick	075	72507	80021	40410	756//	09215	87630				0																				

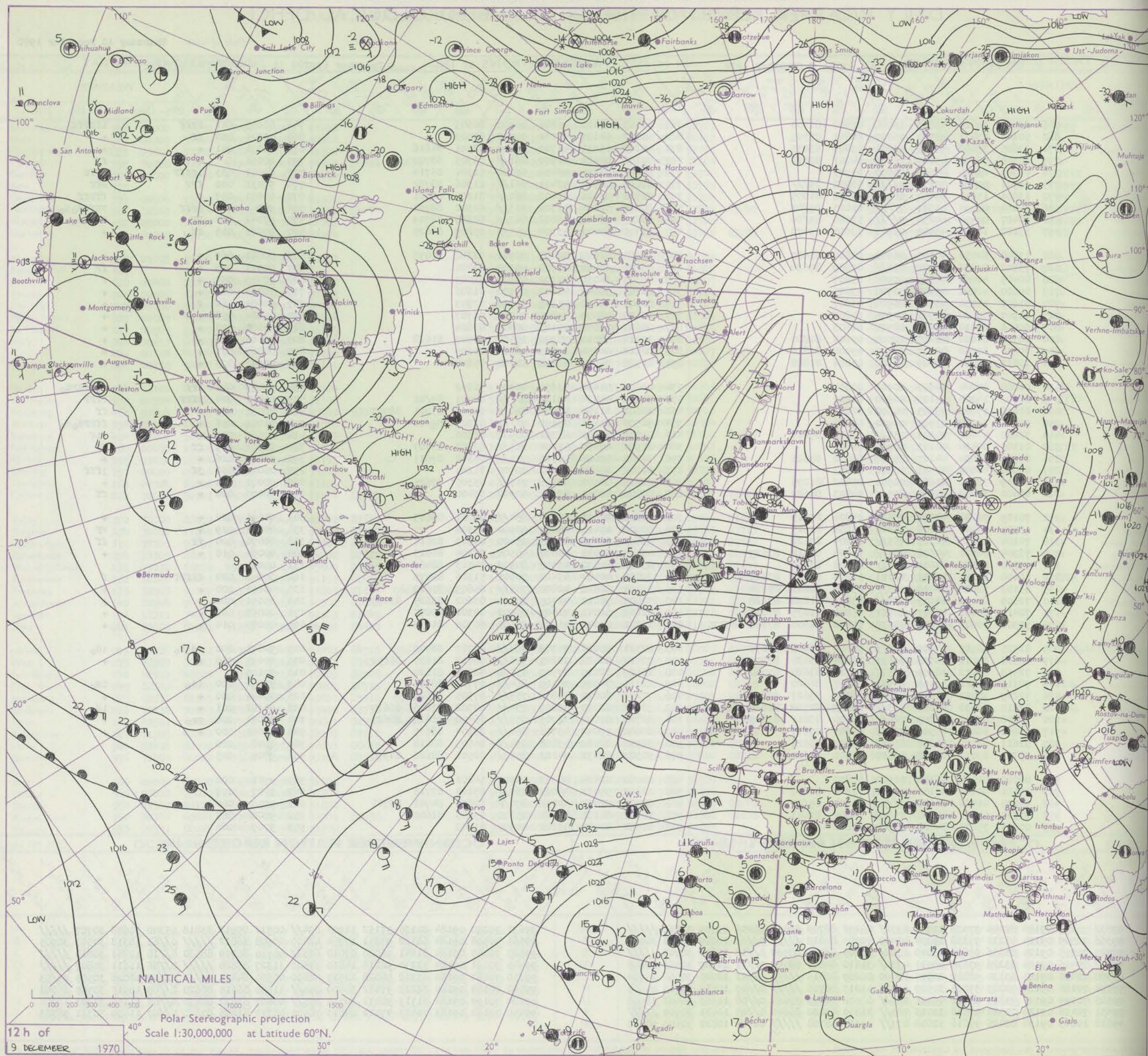
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39830

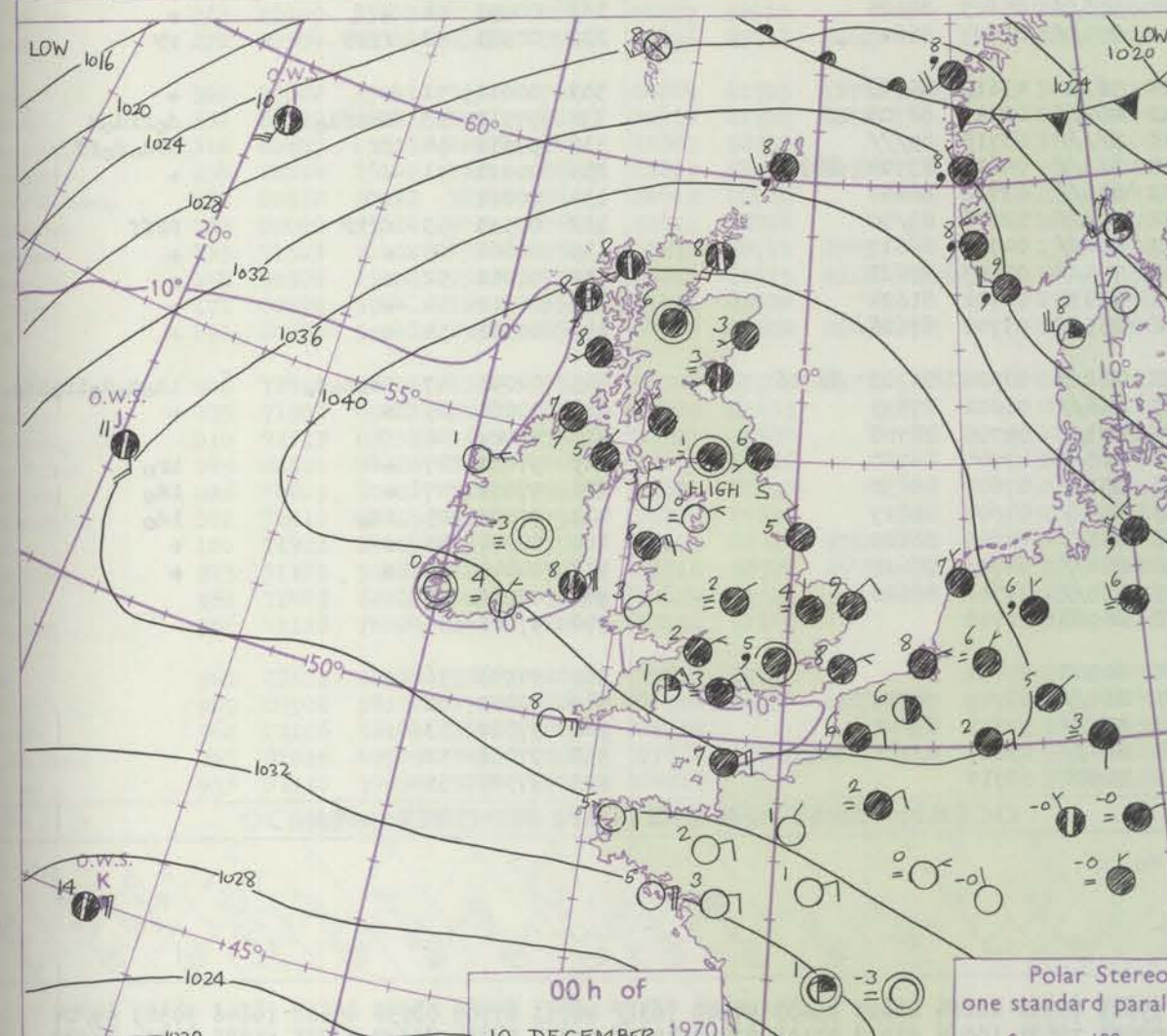
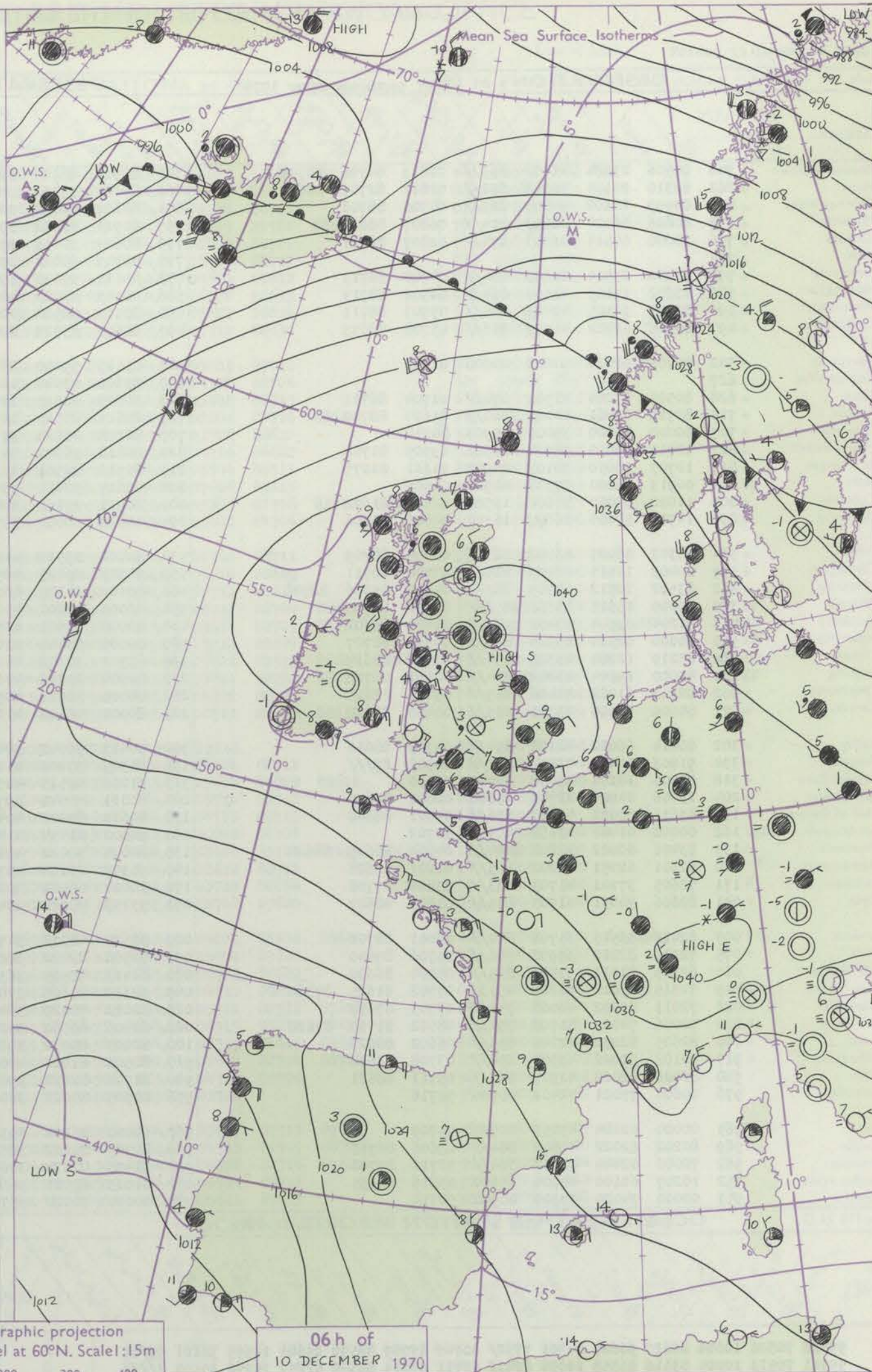
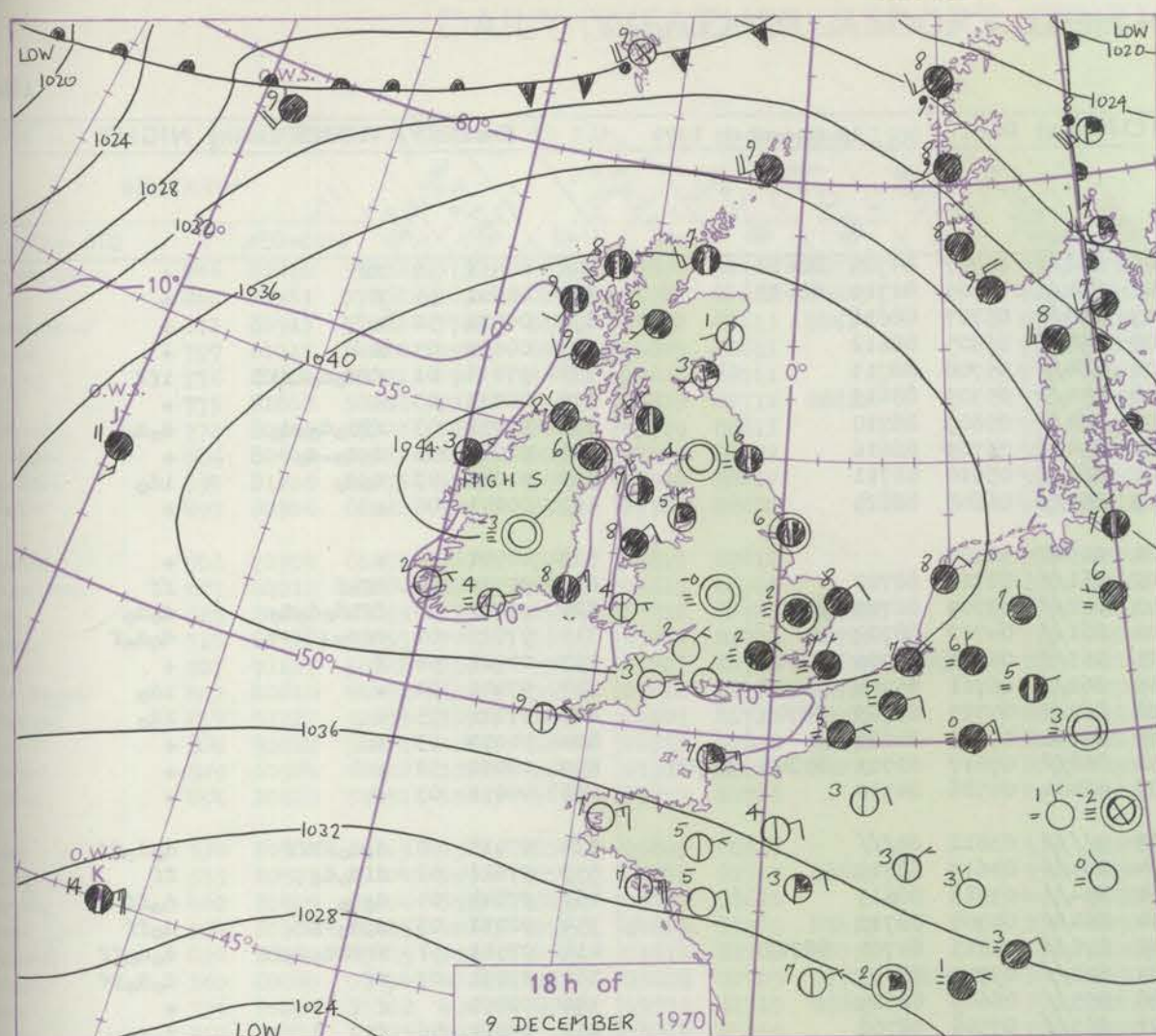
Date of Issue Thursday 10 December 1970

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		9 December 1970										9 December 1970														
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	RRT x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	13405	09414	43803	16000	02802	81700			746	00103	07414	41801	00900	00603				746	00053	041	FFff	1FFFFf			
Hurn	862	50104	07421	43501	56200	00801	85705			862	00102	14101	41201	00900	00503				862	00041	030	ff	+			
Thorney Island	871	33605	37050	43005	00901	03807	83075			871	40208	15051	41703	45400	02501	84616			871	00071	041	+	+			
Manston	797	20308	56050	43009	25401	04001	82612			797	80106	08421	41907	861//	06303	88702			797	00091		+	ff			
Gatwick	776	01901	01464	43602	00900	01703				776	60000	03444	42450	66400	51304	86710			776	00051	033	1ffff	1fff			
Kew	775	91901	00454	43150	9/////	50802	89///			775	80602	06444	42401	861//	01306	88702			775	97031	000	FFF	Fff			
Heathrow	772	13606	15054	43404	00901	02802	81075			772	80506	05421	42402	860//	01204	88701			772	00051	047	f	ffff			
Honington	586	90000	01434	43801	9/////	01003	89/01			586	80000	07464	42702	863//	02302	88708			586	97041		FFff	FFffd _o			
Wattisham	590	90407	00454	44250	9/////	51006	89/00			590	80203	08424	42802	863//	02303	88709			590	97041	000	FF	FFffd _o			
Gorleston	497	33102	16284	43403	00901	03006	83070			497	80410	60021	43308	855//	05209	88625			497	97081	015	ff	+			
Aberporth	502	13606	64050	44105	00901	03804	81080			502	10904	62020	42404	00901	02302	81075			502	00061	069	+	+			
Ross-on-Wye	627	73602	24054	44002	756//	01809	87630			627	03202	08461	42702	00900	02400				627	00041	028	+	ff			
Filton	628	00405	40050	43505	00900	03807				628	00305	14050	42102	00900	01503				628	97053	054	+	f			
Rhoose	715	00000	40040	43805	00900	03005				715	00705	56040	41803	00900	01606				715	00061	061	+	+			
Chivenor	707	01602	24054	43506	00900	03807				707	00000	40050	41304	00900	02803				707	00081	064	f	+			
Mount Batten	827	00907	59020	42708	00900	04803				827	00609	48050	39806	00900	01707				827	00081	058	+	+			
St. Mawgan	817	00506	66010	42907	00900	01803				817	00610	56050	40105	00900	01604				817	00081	075	+	+			
Scilly	804	20711	61020	42807	22500	05205	82820			804	10414	58010	38909	15500	04607	81628			804	00100	066	+	+			
Culdrose	809	20610	60050	42107	28400	05000	81816			809	00612	64050	39205	00900	01606				809	00080	071	+	+			
Guernsey	894	10617	75010	40109	11500	05804	81820			894	00520	75020	36808	00900	05608				894	00091	073	+	+			
Elmdon	534	00000	07444	44603	00900	00804				534	00000	01460	43650	00900	51302				534	97053	040	Fff	1ffffFd _o			
Cardington	559	02302	14284	44102	00900	01201				559	92902	01434	43102	9/////	02501	89/01			559	00031	024	ffff	ffff			
Wittering	462	00106	17040	43805	00900	02801				462	80602	11284	43004	860//	03503	83701	88707		462	00051	053	+	ff			
Watnall	354	00406	14040	43905	00900	03803				354	90506	01451	43502	9/////	02203	89/01			354	91061	056	+	ffffd _o			
Shawbury	414	72602	57042	44303	754//	03809	87615			414	00000	40101	43301	00900	01500				414	00063	000	+	fif			
Finningley	360	01102	09424	44103	00900	02801				360	82901	07464	43404	863//	03302	88707			360	00061	049	ff	ff			
Kilnsea	396	63502	48034	44105	55501	04002	85625			396	70000	59022	43306	754//	06302	87611			396	00080	026	+	+			
Leeming	257	00000	40044	44503	00900	02802				257	00000	04464	43901	00900	01204				257	00061	050	jf	jfff			
Tynemouth	262	12609	32040	43606	00901	05802	81075			262	72810	48101	43106	755//	05305	87625			262	00071	054	+	+			
Carlisle	222	80000	30042	44605	855//	04803	88622			222	00000	48041	42804	00900	03400				222	00073	000	+	ff			
Valley	302	70109	74021	44509	754//	05806	87615			302	80311	74021	43008	854//	05001	88613			302	00091	022	+	+			
Ringway	334	13505	14041	44206	15400	03808	81615			334	00000	03410	43404	00900	03302				334	00071	029	+	FF			
Squires Gate	318	70104	12044	44307	755//	04805	87622			318	23603	22042	43205	25400	04303	82614			318	00070	000	ff	ff			
Ronaldsway	204	73304	84021	44608	784//	05808	81814	87617		204	43503	82011	44007	45500	04304	84623			204	00091	016	+	+			
Mull of Galloway	131	73510	80022	44609	757//	05808	87650			131	83210	80032	43507	8092/	04503	88460			131	00091						
Eskdalemuir	162	60000	40284	44101	42101	51808	82702			162	20000	40404	43400	00901	51306	82075			162	00041	024	fffff	f			
Prestwick	135	83103	72022	44408	855//	05704	82621	87624		135	73404	80022	42808	755//	05603	87622			135	00091	000	+	+			
Abbotsinch	140	72609	81022	44009	784//	05804	81818	87628		140	52803	75012	42405	35501	03602	83625	83075		140	00091	000	+	+			
Leuchars	171	72410	60041	42307	00901	05801	81075	87080		171	32603	62041	41503	00902	02301	83075			171	00093	066	+	+			
Dyce	091	70302	70021	42208	14632	05802	81640	83366	87070	091	12702	57041	41901	15602	00306	81630			091	00083	014	+	+			
Lerwick	005	82525	56585	34909	852//	08801	86703	88630		005	82521	56026	35709	863//	08207	88706			005	94091	000	id _o ro	id _o			
Wick	075	62512	80012	40708	35632	06804	83630	86075		075	72414															

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 10 December 1970

The intense anticyclone covering the British Isles is drifting slowly east and weakening a little, but will continue to dominate the weather over the country for the next 24 hours at least. Pressure will remain low west of Portugal and

further disturbances will move round the western and northern flanks of the anticyclone.

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

Code FM II.D		OBSERVATIONS at 00h.										10 December 1970										OBSERVATIONS at 06h.										10 December 1970										OBSERVATIONS during NIGHT									
Station	iii	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT	T _g T ₉	WEATHER																													
																						21h.—03h.	03h.—09h.																												
Boscombe Down	746	80506	23284	41102	863//	02813	84706	88708		746	80908	48102	39205	852//	05707	84705	88614		746	00511	50	ff	+																												
Hurn	862	80310	20104	40003	852//	02812	82705	88630		862	80406	57012	38706	854//	05805	81710	88633		862	00501	54	f	+																												
Thorney Island	871	80409	18102	40805	863//	04706	88708			871	80607	56052	38907	854//	05707	88616		871	00021	50	+	+																													
Manston	797	80606	66024	41108	854//	06807	88612			797	80911	66022	39708	854//	06505	88612		797	00071	07	+	+																													
Gatwick	776	80000	07514	41303	874//	02807	88711			776	80604	30055	39306	864//	05708	88713		776	97011	01	ffd ₀ d ₀ ff ₁ f	iff																													
Kew	775									775	80705	66022	39108	854//	05709	88613		775	00031	03	+	+																													
Heathrow	772	80000	25514	41605	864//	04708	88713			772	80611	57035	39407	864//	05609	88710		772	97031	03	ffd ₀ d ₀ -d ₀	d ₀ d ₀																													
Honington	586	83602	17105	42504	864//	04502	88714			586	80303	48022	40305	854//	05709	88616		586	91041	03	d ₀ d ₀ -d ₀	+																													
Wattisham	590	80303	32105	42405	864//	05703	88711			590	80503	58502	40505	864//	05610	88711		590	91041	03	d ₀ d ₀	id ₀																													
Gorleston	497	80310	62022	41709	856//	05708	88633			497	80608	63022	40409	855//	06608	88625		497	00071	06	+	+																													
Aberporth	502	00706	62020	40603	00900	01716				502	01113	59050	38701	00900	51507			502	00501	52	+	+																													
Ross-on-Wye	627									627	83301	03444	40202	861//	02713	88702		627	91511	54	FF-f	ff																													
Filton	628	80505	23204	41902	874//	01704	88711			628	80803	10515	39503	872//	03709	82703	88705		628	97001	00	ffd ₀ d ₀ d ₀	d ₀ d ₀																												
Rhoose	715	80719	03461	41102	860//	01604	88700			715	80611	20515	38704	861//	04712	88702		715	97011	01	ffd ₀ ff ₁ ff ₁ d ₀	d ₀ d ₀ f																													
Chivenor	707	00000	17100	39000	00900	50714				707	81208	48024	37705	863//	04711	82706	88709		707	00521	56	F	+																												
Mount Batten	827	10711	59050	38204	16301	03505	81708			827	80818	56201	35706	862//	06711	85704	88708		827	97041	02	+	id ₀																												
St. Mawgan	817	10705	58050	38103	00901	51611	81075			817	80912	32508	35306	862//	05715	83703	88705		817	97011	55	+	id ₀																												
Scilly	804	00913	66020	37308	00900	04506				804	40817	58011	33609	45500	07713	84623		804	00070	03	+	+																													
Culdrose	809	11020	62050	37606	15500	04513	81622			809	80921	37101	34408	862//	07617	82703	85706 88709		809	00030	52	+	+																												
Guernsey	894	10718	58050	36607	16300	04806	81706			894	40813	40050	35505	46400	04506	84710		894	00051	03	+	+																													
Elmdon	534	80302	06425	43402	863//	02605	88709			534	90402	09514	41003	9////	03612	89///		534	97011	00	d ₀ d ₀ FFff	d ₀ d ₀ ff																													
Cardington	559	80402	11515	42403	864//	03708	88711			559	80505	09425	40504	864//	04610	88711		559	97011	02	ffd ₀ d ₀	ff																													
Wittering	462	83502	20512	42705	863//	04806	85706	88708		462	80107	14105	40704	854//	03713	88613		462	97041	04	d ₀ d ₀	d ₀ ff																													
Watnall	354	80000	13515	43303	872//	03702	88705			354	80000	17105	41004	864//	04707	88713		354	92031	03	d ₀ d ₀ FFff	d ₀ ff																													
Shawbury	414	91204	03504	43401	9////	01400	89701			414	80000	09505	40902	870//	02613	84701	88707		414	97511	51	1ffFFd ₀ d ₀ ff	d ₀ d ₀ ff																												
Finningley	360	80000	08514	43304	863//	04301	88707			360	80000	03445	41003	862//	03709	88703		360	97031	03	ff	d ₀ d ₀ ff																													
Kilnsea	396	83210	12284	43305	854//	05400	88617			396	83302	32102	41406	855//	06609	88625		396	00050		f	+																													
Leeming	257	80000	19104	43802	864//	02501	88712			257	80000	20205	41603	863//	03506	88708		257	97011	56	ff	d ₀ d ₀																													
Tynemouth	262	82303	61022	42406	855//	05400	88625			262	80000	58022	40905	855//	05605	88625		262	00051	04	+	+																													
Carlisle	222	80000	11104	43301	855//	00400	88620			222	80000	48104	41001	854//	01607	88615		222	00521	52	ffFF	FF																													
Valley	302	80414	66022	42108	854//	04709	88612			302	50413	56042	38404	56300	03619	85706		302	00011	51	+	+																													
Ringway	334	91803	00474	43500	9////	00302	89701			334	81305	30205	41203	862//	02710	88703		334	97511	53	FFffd ₀	d ₀ fffd ₀																													
Squires Gate	318	00604	18104	43000	00900	00500				318	91006	02514	40503	9////	03715	89701		318	97511	54	ff	FFd ₀ d ₀ ff																													
Ronaldsway	204	13606	84020	42703	15600	02607	81630			204	80811	40041	39706	863//	04615	83708	88709		204	00021	51	+	+																												
Mull of Galloway	131	83611	80022	43107	856//	04601	88640			131	80610	84022	40407	846//	03712	88645		131	00061			+																													
Eskdalemuir	162	00000	01444	43652	00900	52702				162	90000	01454	41452	9////	52606	89700		162	00533	53	ffFF	FFff																													
Prestwick	135	83406	80022	42808	854//	04804	86619	88624		135	80000	78022	40107	854//	04710	88617		135	00061	05	+	+																													
Abbotsinch	140	62501	62051	42802	655//	01201	86628			140	70302	20102	40703	755//	02507	87621		140	00011	52	+	+																													
Leuchars	171	72605	37101	41703	763//	03804	87708			171	20000	66021	40200	15531	51701	81624		171	00513	54	+	+																													
Dyce	091	82606	70031	41903	855//	01803	88627			091	73109	70012	40406	755//	03702	87626		091	00511	54	+	+																													
Lerwick	005	82417	32515	35708	870//	08001	88701			005	82520	48216	34708	862//	08																																				

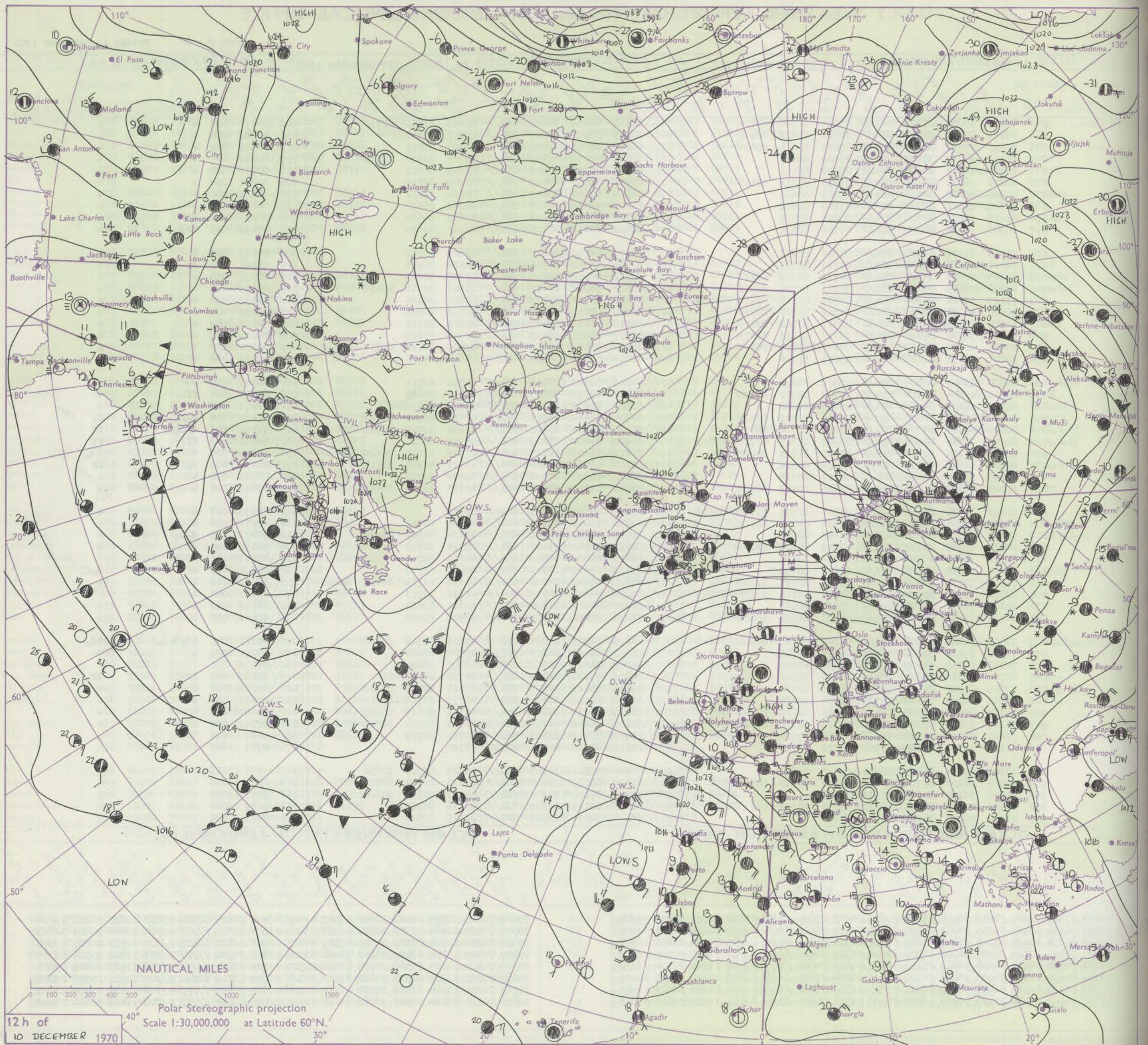
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39831

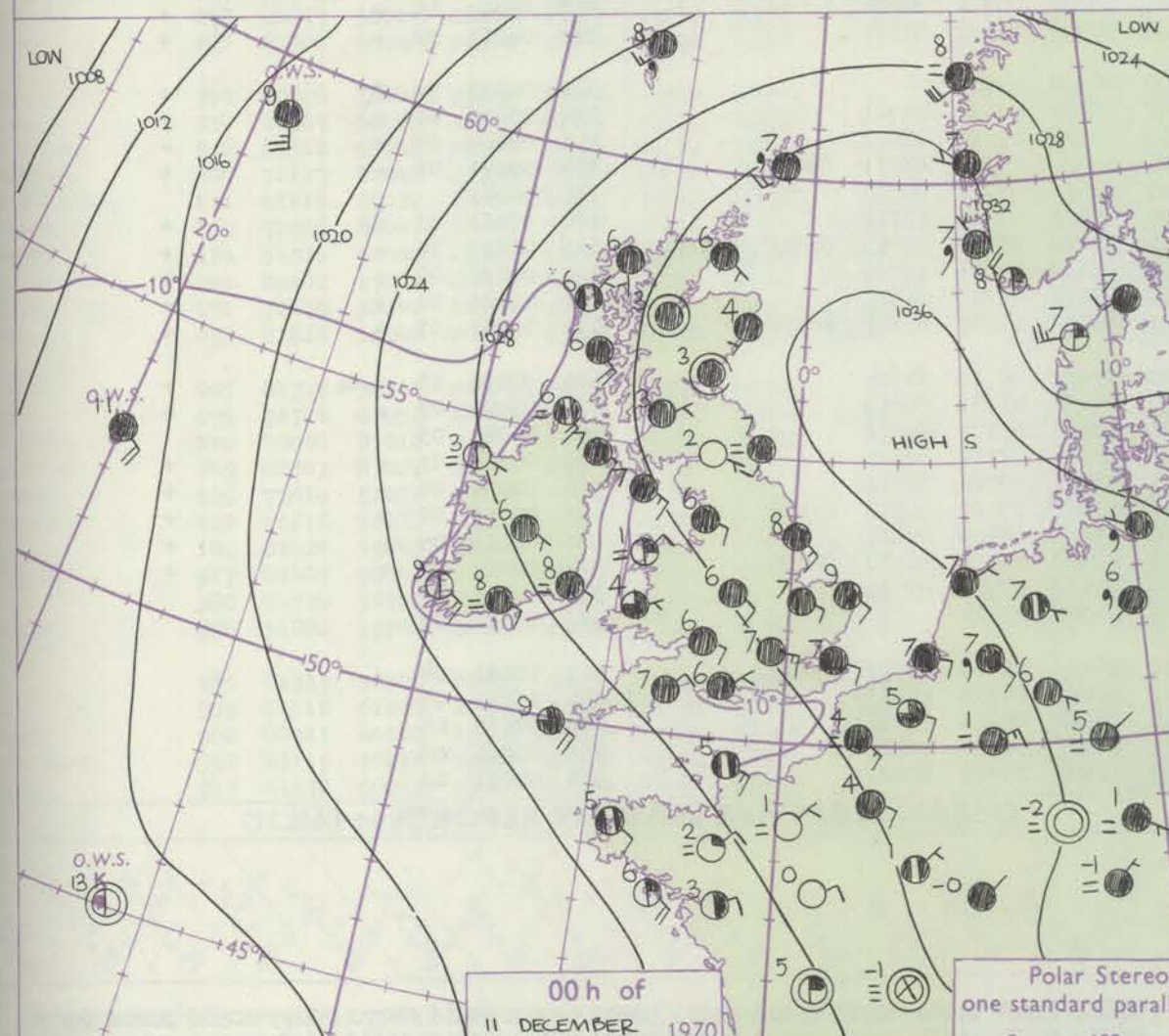
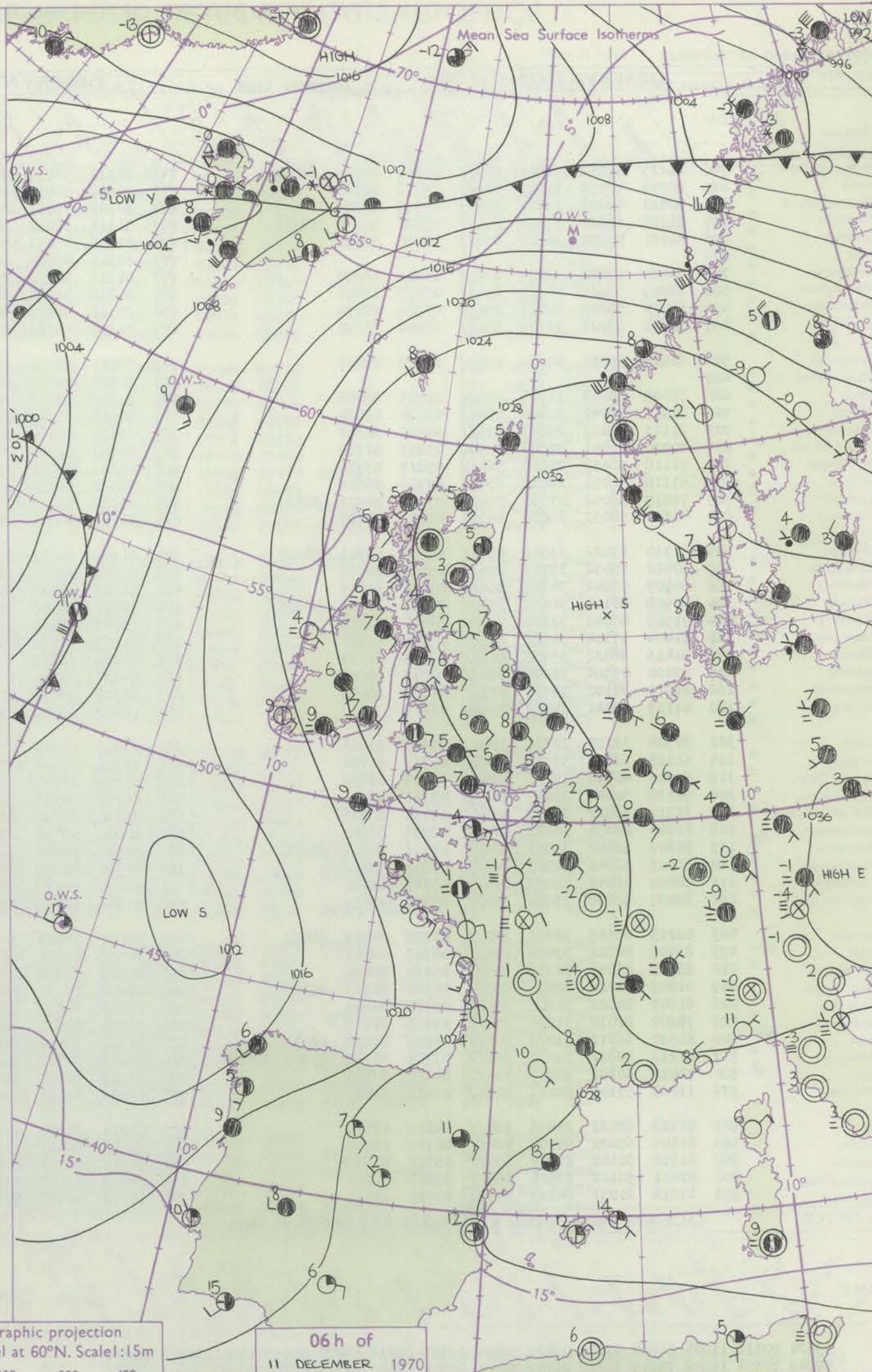
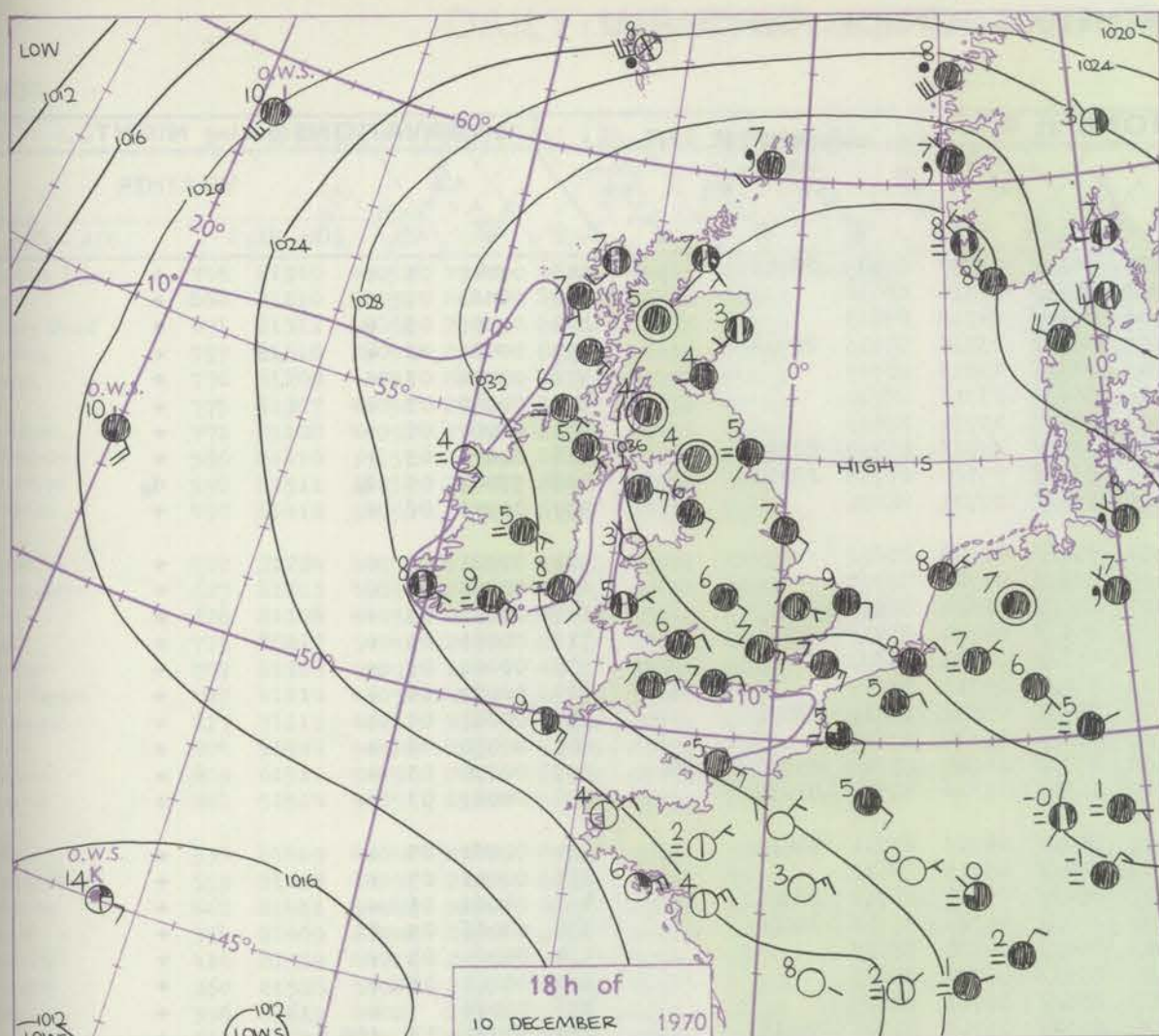
Date of Issue Friday 11 December 1970

Code FM II.D	OBSERVATIONS at 12h. 10 December 1970										OBSERVATIONS at 18h. 10 December 1970										OBSERVATIONS during DAY				
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	ill	RRT x E	SSs	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	81012	59052	37307	863//	05814	81708	88710		746	81112	40052	34805	863//	03606	83708	88710		746	00071	000	+	+		
Hurn	862	80911	57052	36908	854//	05810	83618	88625		862	80709	58022	33907	854//	03807	88615			862	00081	000	+	+		
Thorney Island	871	80913	57022	37807	854//	05810	83613	88614		871	80711	48052	35006	864//	04708	88713			871	00081	000	+	+		
Manston	797	81013	64022	39107	854//	05809	88613			797	81013	56052	36707	854//	05709	83710	88613		797	00081		+	+		
Gatwick	776	80912	56052	38607	864//	05808	88711			776	81010	30052	35806	864//	03609	88711			776	00071	000	+	+		
Kew	775	81008	58052	38108	854//	05809	83712	88614		775	80906	58052	35407	864//	03709	88712			775	00081	000	+	+		
Heathrow	772	80915	62022	38608	854//	05709	88613			772	80913	59032	35407	854//	04610	88612			772	00081	000	+	+		
Honington	586	80605	57032	39707	855//	07709	88622			586	81006	48032	37107	854//	06708	88615			586	00081		+	+		
Wattisham	590	81106	62035	39608	854//	05808	88617			590	81006	58022	37107	854//	05607	88614			590	00081	000	+	+		
Gorleston	497	80906	62022	40008	856//	07706	88630			497	80910	62026	37109	856//	06712	88630			497	97091	000	ir _o	+		
Aberporth	502	70909	61051	36905	754//	03817	87612			502	70706	58052	33605	764//	03609	87710			502	00061	002	+	+		
Ross-on-Wye	627	81011	17284	38605	862//	04815	88705			627	80808	48052	34506	863//	04714	88706			627	97061	000	ff	+		
Filton	628	80607	40055	37907	853//	04712	84708	88618		628	80812	40052	34706	854//	03608	88613			628	00071	000	+	+		
Rhoose	715	80710	50055	37006	863//	05813	82708	88713		715	81012	56042	33607	854//	05806	83711	88614		715	00071	000	+	+		
Chivenor	707	71107	58022	35908	754//	05707	83715	86618	87638	707	81116	50022	32307	855//	03708	88620			707	00081	000	+	+		
Mount Batten	827	40818	48051	33809	36302	07812	81707	83710		827	60919	48051	30408	655//	06716	86622			827	00091	018	+	+		
St. Mawgan	817	51222	50055	33508	36432	06507	83712	83075		817	51118	48051	30307	56400	05706	85711			817	00091	049	+	+		
Silly	804	51022	58031	31410	32402	06712	83818	83075		804	51017	56051	28409	55400	07606	85615			804	00100	048	+	+		
Culdrose	809	60924	60052	33009	38402	07707	81814	86070		809	60922	56052	30009	683//	07509	82708	83812 86622			809	00100	037	+	+	
Guernsey	894	20814	58051	33607	16302	05815	81706			894	41016	50051	30805	46300	03610	84706			894	00081	048	+	+		
Elmdon	534	80502	16105	39805	854//	05809	88613			534	81208	58022	36106	864//	04710	88711			534	00071	000	+	+		
Cardington	559	80505	17104	39706	854//	05708	82710	88625		559	80907	48052	36507	854//	05610	88619			559	00071	000	ff	+		
Wittering	462	80405	13104	39906	855//	05708	88620			462	80907	17102	36907	854//	06711	88618			462	00071	000	ff	+		
Watnall	354	80308	09425	40205	853//	04809	85709	88617		354	80504	03464	36905	852//	05711	82704	88617			354	97061	000	d _o ff	ff	
Shawbury	414	80000	09445	39704	861//	03810	82702	88712		414	81005	14104	35505	863//	05814	82709	88711			414	97061	001	d _o d _o ff	ff	
Finningley	360	80000	07444	40205	852//	05808	82705	87708	88615	360	80902	07444	37206	855//	05712	88620			360	00061	000	ff	ff		
Kilnsea	396	80000	37102	40607	854//	07709	81715	88625		396	81411	66205	38307	6542//	07706	83713	86624 88460			396	97081	000	+	id _o	
Leeming	257	82802	11105	40704	854//	03809	88616			257	80000	09462	37804	853//	03711	82708	88618			257	97041	000	d _o	ff	
Tynemouth	262	82109	33102	40605	864//	04807	88715			262	82002	20102	37505	865//	04720	88720			262	00051	000	+	+		
Carlisle	222	80304	48042	40204	854//	02806	83712	88622		222	80000	32042	37104	853//	02713	82709	88613			222	00041	000	+	+	
Valley	302	70602	35041	38105	762//	04804	81705	83708	87712	302	03105	40041	33503	00900	03718				302	00070	003	+	+		
Ringway	334	80902	12045	39905	862//	04810	81705	88711		334	81210	56042	36107	864//	04714	88712			334	00071	000	+	+		
Squires Gate	318	80607	15515	40004	862//	04807	88705			318	81008	24045	35706	853//	05814	84709	88618			318	97071	000	d _o d _o	+	
Ronaldsway	204	80814	25042	39105	862//	03809	84704	88706		204	80915	56042	35007	864//	05714	88712			204	00091	000	+	+		
Mull of Galloway	131	80512	60022	38706	864//	04712	80710			131	81419	64022	34606	864//	04718	88715			131	00071					
Eskdalemuir	162	80000	59024	40101	863//	51811	88706			162	81002	09425	37301	872//	00808	88703			162	97021	000	+	d _o ff		
Prestwick	135	71503	70052	39306	754//	03811	84714	87630		135	80000	57042	36204	854//	03614	83711	87614 88626			135	00071	000	+	+	
Abbotsinch	140	70502	13102	39804	754//	04813	81715	83620	85645	140	81304	56042	36705	864//	02612	88713			140	00051	000	+	"		
Leuchars	171	82102	58041	39504	855//	03811	88620			171	82601	56042	36704	854//	03710	88614			171	00051	000	+	+		
Dyce	091	80000	59042	39506	855//	04807	82622	88624		091	72406	59042	36903	755//	02708	8762									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

Issued at midday Friday 11 December 1970

Although the anticyclone over the British Isles has continued to dominate the weather over the country it has also continued to move slowly east and to weaken. The depression to the west of Portugal is expected to slowly degenerate into a trough and move slowly northwards possibly affecting the southwest of the British

Isles during the next 24 hours. The anticyclone is expected to move east and decline further and this will allow the troughs of low pressure in mid-Atlantic to approach the west of the country by the end of the next 24 hours.

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

OBSERVATIONS at 00h. 11 December 1970										OBSERVATIONS at 06h. 11 December 1970										OBSERVATIONS during NIGHT			
Station	Code FM I.L.D.	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T T _n E	TgTg	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	81215	56052	31805	863//	03819	84709	88711		746	81113	56052	28405	863//	03720	83709	88711		746	00041	04	+	
Hurn	862	80706	40052	31106	854//	04715	88613			862	80908	50052	27707	854//	04718	88618			862	00061	07	+	+
Thorney Island	871	80810	48052	32006	854//	04719	88612			871	80909	37052	29106	854//	04718	88613			871	00051	05	+	+
Manston	797	81112	58022	33507	853//	05720	82708	88611		797	81514	56052	30305	863//	03714	84706	88708		797	00031	03	+	+
Gatwick	776	81011	45052	33106	864//	04718	88712			776	81108	45052	29805	863//	03815	88709			776	00041	03	+	+
Kew	775									775	81105	48052	29406	864//	03713	88710			775	00051	05	+	+
Heathrow	772	80915	57022	33007	854//	04712	88614			772	81212	50022	29705	854//	03714	88613			772	00051	05	+	+
Honington	586	81009	56022	34107	854//	05715	88616			586	81212	58022	30208	854//	05719	85710	88613		586	00071	05	+	+
Wattisham	590	81111	59022	34007	854//	05716	88614			590	81314	56025	30307	863//	05720	87708	88710		590	97061	05	d ₀	d ₀
Gorleston	497	81212	63022	35109	856//	05706	88630			497	81114	62022	31209	856//	06721	88630			497	00071	06	+	+
Aberporth	502	60804	58051	30804	654//	00708	86617			502	70911	58052	26404	754//	02723	87615			502	00021	51	+	+
Ross-on-Wye	627									627	80904	48052	28505	863//	03722	88708			627	00051	04	+	+
Filton	628	81009	59052	31906	854//	02815	88614			628	80907	58052	28305	854//	02622	88613			628	00051	05	+	+
Rhoose	715	80915	57042	31405	854//	03710	88614			715	80814	56042	27005	854//	04724	83712	88614		715	00051	05	+	+
Chivenor	707	81113	40052	29407	855//	04810	88620			707	61015	48052	24707	655//	04723	86622			707	00061	05	+	+
Mount Batten	827	20920	56051	27908	25400	05812	81712			827	71122	58051	24707	764//	05712	87715			827	00071	06	+	+
St. Mawgan	817	71116	58052	27308	764//	05817	87710			817	41326	59051	23207	26401	05521	82710	83075		817	00061	05	+	+
Scilly	804	61118	56051	26009	65400	07709	86615			804	71022	56051	20509	755//	07724	87621			804	00080	06	+	+
Culdrose	809	71017	56052	27308	754//	07713	84710	85625		809	81120	58052	23508	853//	06623	83708	85710	88622	809	00070	03	+	+
Guernsey	894	41114	50051	28604	46300	03712	84709			894	31115	40051	24805	16302	03816	81708	83075		894	00041	03	+	+
Elmdon	534	81310	63022	33506	854//	04616	83711	88613		534	81308	62022	29106	854//	04723	83711	88613		534	00061	05	+	+
Cardington	559	80910	58032	33707	854//	05714	88616			559	81210	48052	30107	854//	05715	88613			559	00051	05	+	+
Wittering	462	80907	56042	34307	854//	05716	88616			462	81207	56042	30207	854//	05720	86712	88616		462	00061	06	+	+
Watnall	354	80908	40104	34406	854//	05715	81710	88621		354	81007	48102	30206	854//	05721	85712	88616		354	00061	05	+	+
Shawbury	414	71506	40042	33106	754//	04814	87616			414	81405	56042	28906	854//	04720	88617			414	00061	05	+	+
Finningley	360	81404	57104	34506	855//	06714	88621			360	81107	66022	30406	855//	06724	88625			360	00061	05	+	+
Kilnsea	396	81416	66022	35708	8097/	06715	88360			396	81215	66022	31708	855//	06721	88625			396	00071	+	+	+
Leeming	257	80000	05504	35004	854//	03717	88614			257	81704	28045	31206	853//	05719	81707	88616		257	97031	03	ff d ₀ d ₀	+
Tynemouth	262	81910	32102	34707	855//	06717	88625			262	81714	74022	31007	856//	07722	88630			262	00041	04	+	+
Carlisle	222	01107	48041	34002	00900	01615				222	11107	56040	29502	10940	01722	81360			222	00011	52	+	+
Valley	302	30508	32100	31301	35400	01713	83611			302	00409	17104	27100	00900	50721				302	00513	56	f	+
Ringway	334	61105	62021	33506	66400	03713	86714			334	81310	65022	29307	864//	03722	88711			334	00051	00	+	+
Squires Gate	318	81008	40042	33006	855//	05716	88622			318	81008	56042	29206	855//	05720	88622			318	00060	05	+	+
Ronaldsway	204	81016	50042	32007	864//	05715	88715			204	81117	60042	27607	854//	05721	83711	88614		204	00071	06	+	+
Mull of Galloway	131	81512	70022	31307	856//	03720	88635			131	81820	66032	27107	864//	03722	88717			131	00061			+
Eskdalemuir	162	81603	28054	34003	864//	02716	88710			162	80000	48022	29804	864//	03622	88711			162	97011	01	d ₀	+
Prestwick	135	80806	50042	33303	854//	02716	86711	88628		135	80905	50042	28904	854//	03723	81713	86616	88626	135	00021	50	+	+
Abbotsinch	140	81406	58042	34303	864//	01811	88710			140	80504	50042	30003	864//	02625	88710			140	00021	02	+	+
Leuchars	171	80000	61042	34203	864//	03717	88710			171	80000	57042	30303	854//	02721	88614			171	00021	02	+	+
Dyce	091	82007	62048	33904	854//	02717	88612			091	61911	59042	29405	66400	01723	81710	86714		091	00031	01	+	+
Lerwick	005	82213	66515	32807	872//	06705	84704	88712		005	82007	74025	30105	854//	04712	88614			005	92052	05	d ₀ d ₀	+
Wick	075	81405	84022	33406	854//	04715	88614			075	81413	70022	28205	854//	03731	88613			075	00071	03	+	+
Sule Skerry	010	82003	82022	32308	855//	05710	88620			010	81109	66022	27606	864//	05725	88712			010	00040	03		
Cape Wrath	049	81803	83022	32406	2553/	04712	82625	88360		049	20000	85031	26903	25500	02724	82625			049	00031	51	+	+
Stornoway	026	81807	80022	31606	854//	05718	88614			026	82108	70022	26905	854//	04725	88611			026	00051	04	+	+
Benbecula	022	70207	82032	31506	754//	05715	87617			022	71611	70022	26705	754//	05727	81710	87616		022	00051	02	+	+
Tiree	100	81520	66012	31006	854//	04818	87612	88620		100	81521	66022	26706	854//	04719	88612			100	00051	05	+	+
Aldergrove	917	81210	50042	31207	863//	03720	83707	83709	88710	917	81308	50042	26907	863//	03718	82708	88711		917	00061	05	+	+
Malin	980	71414	50101	30206	764//	04717	87713			980	71409	40101	25606	764//	04726	87715			980	97041	02		
Belmullet	976	11003	57100	28103	00902	01616	81070			976	01203	62100	22804	00900	03627				976	97011	52		
Birr	965	81106	62022	29506	864//	04815	88714			965	81211	62032	24206	864//	03725	86717	87632		965	00051	04		
Dublin	969	81106	65022	30307	864//	04719	88717			969	81408	66022	25707	864//	04728	88715			969	00051	05		
Shannon	962	81010	50102	27807	855//	05716	88620			962	70912	56101	22706	755//	04726	87622			962	97060	05		
Roches Point	952	81011	50102	27508	864//	06817	88712			952	81016	50102	22509	864//	06726	88711			952	00081	08		
Valentia	953	11216	61051	24309	14500	05829	81621			953	11011	60050	19609	12500	05728	81823			953	00071	03		

OCEAN WEATHER STATION REPORTS at 00h.										OCEAN WEATHER STATION REPORTS at 06h.		
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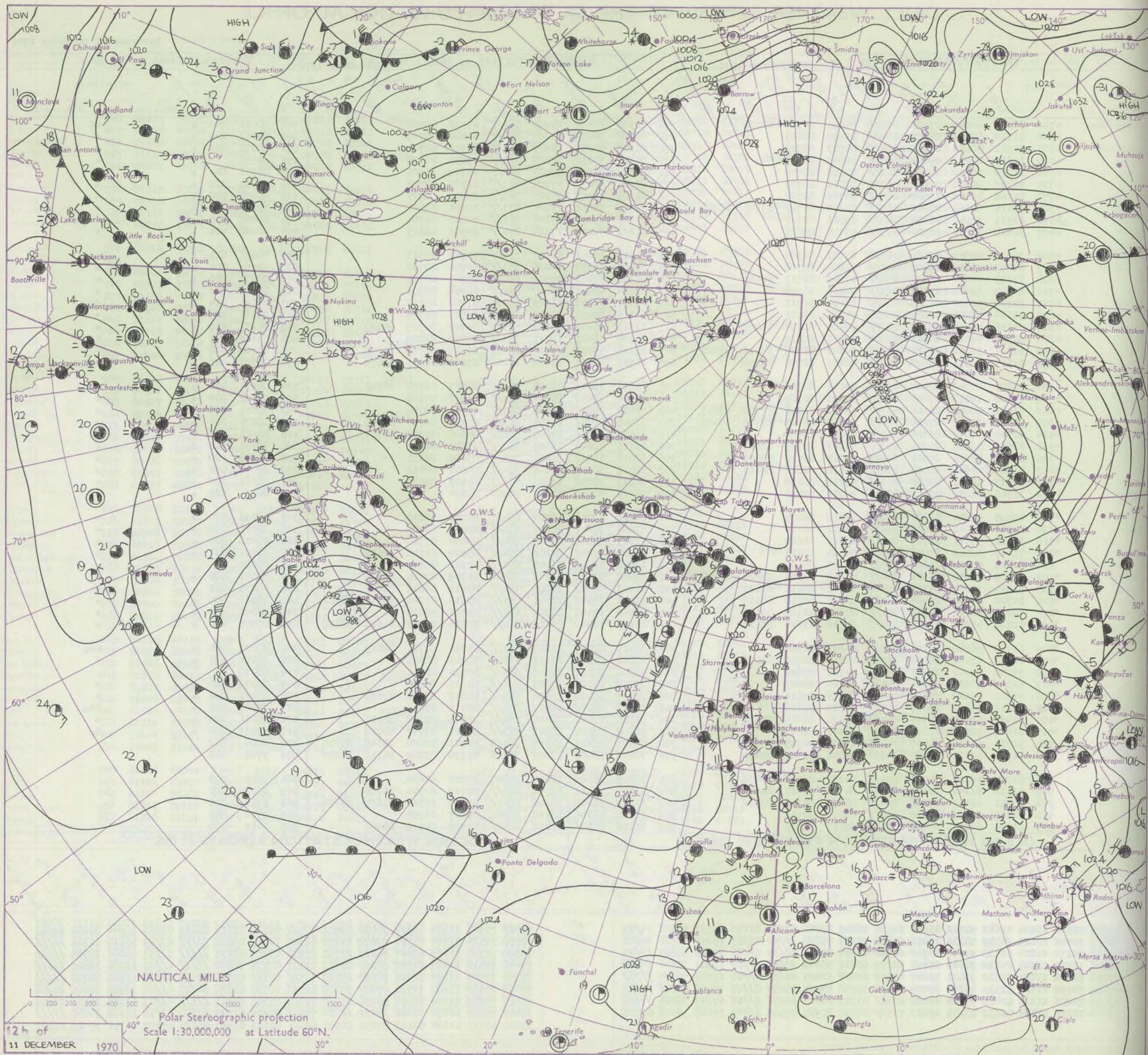
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39832

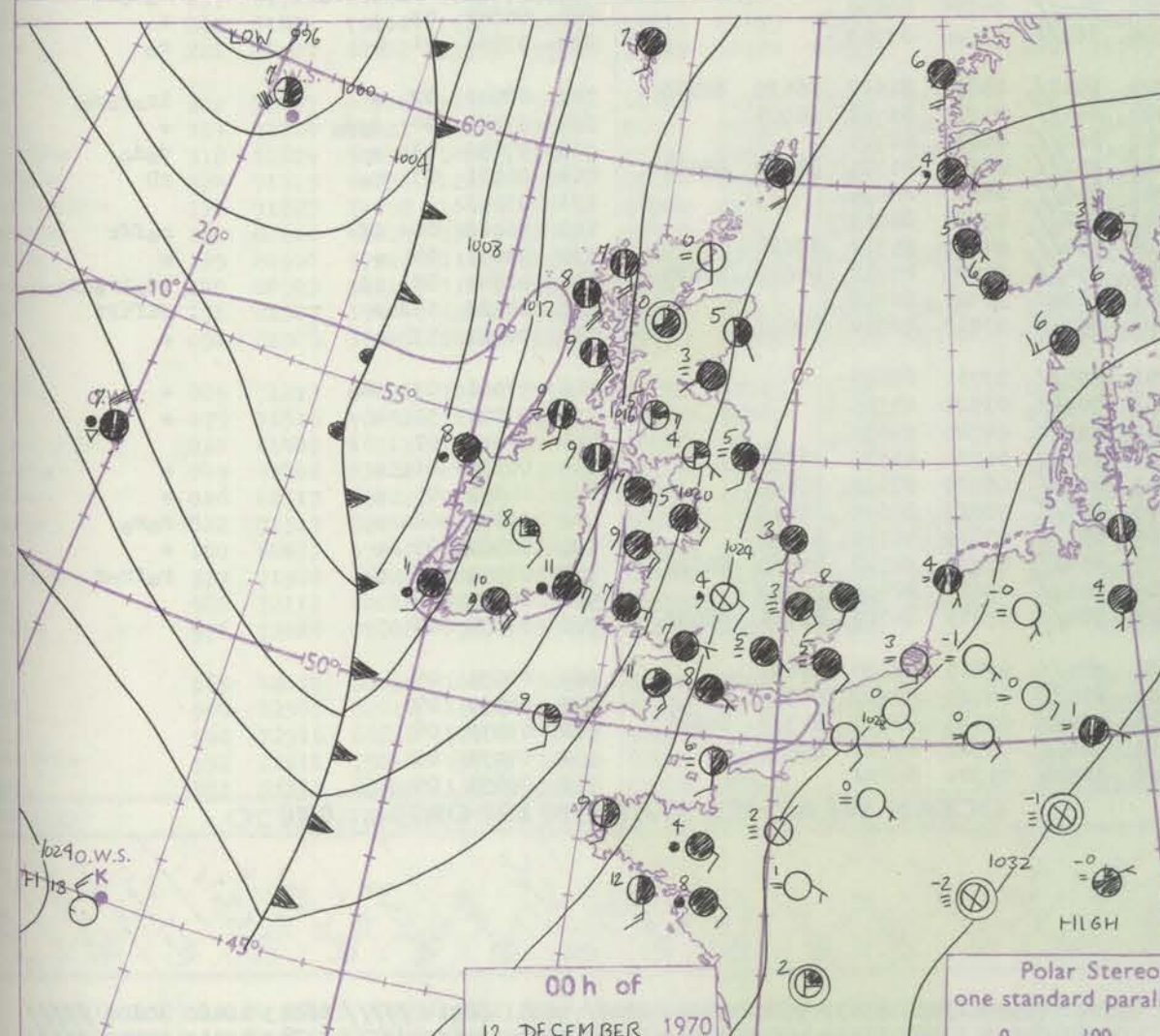
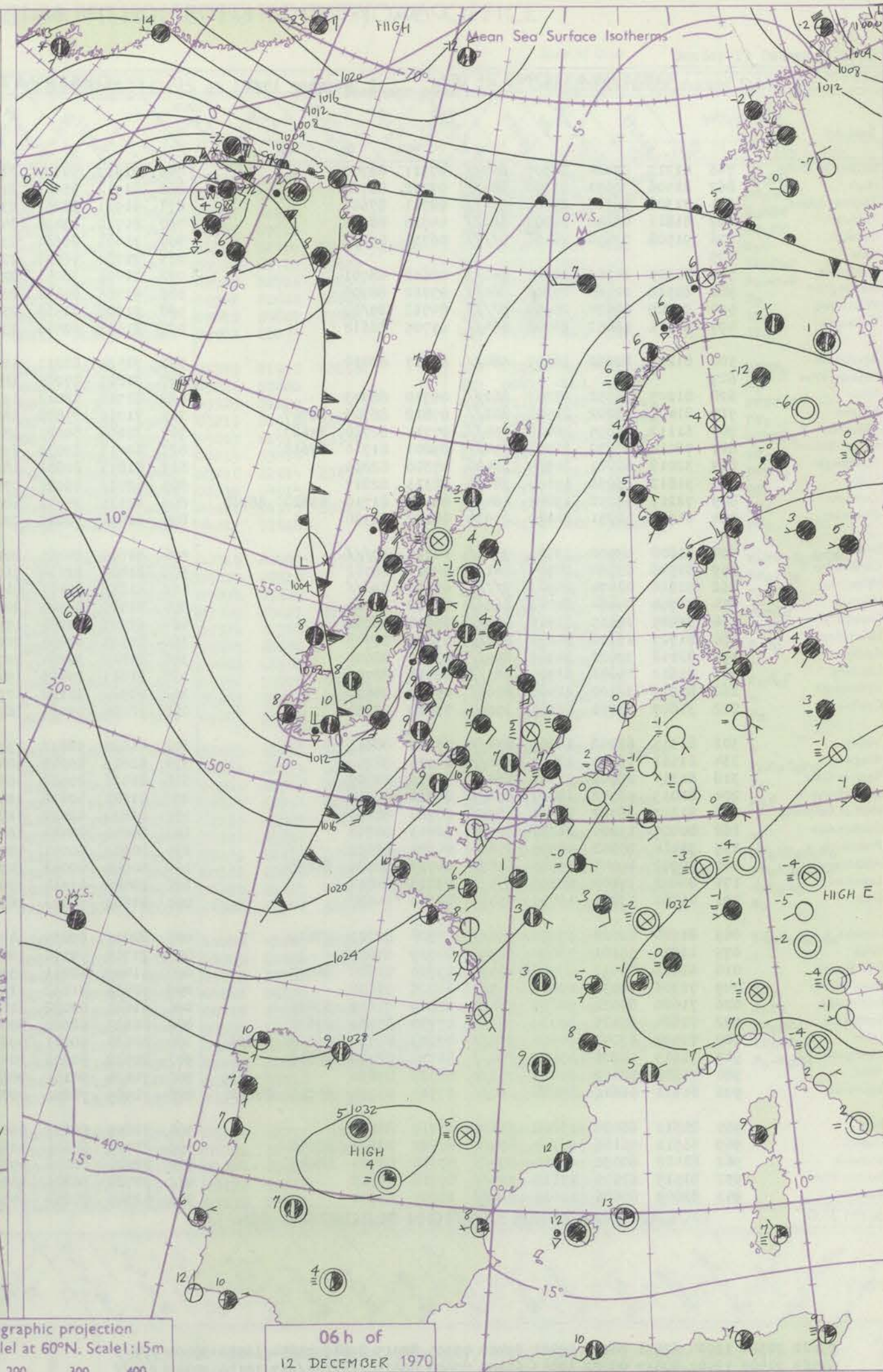
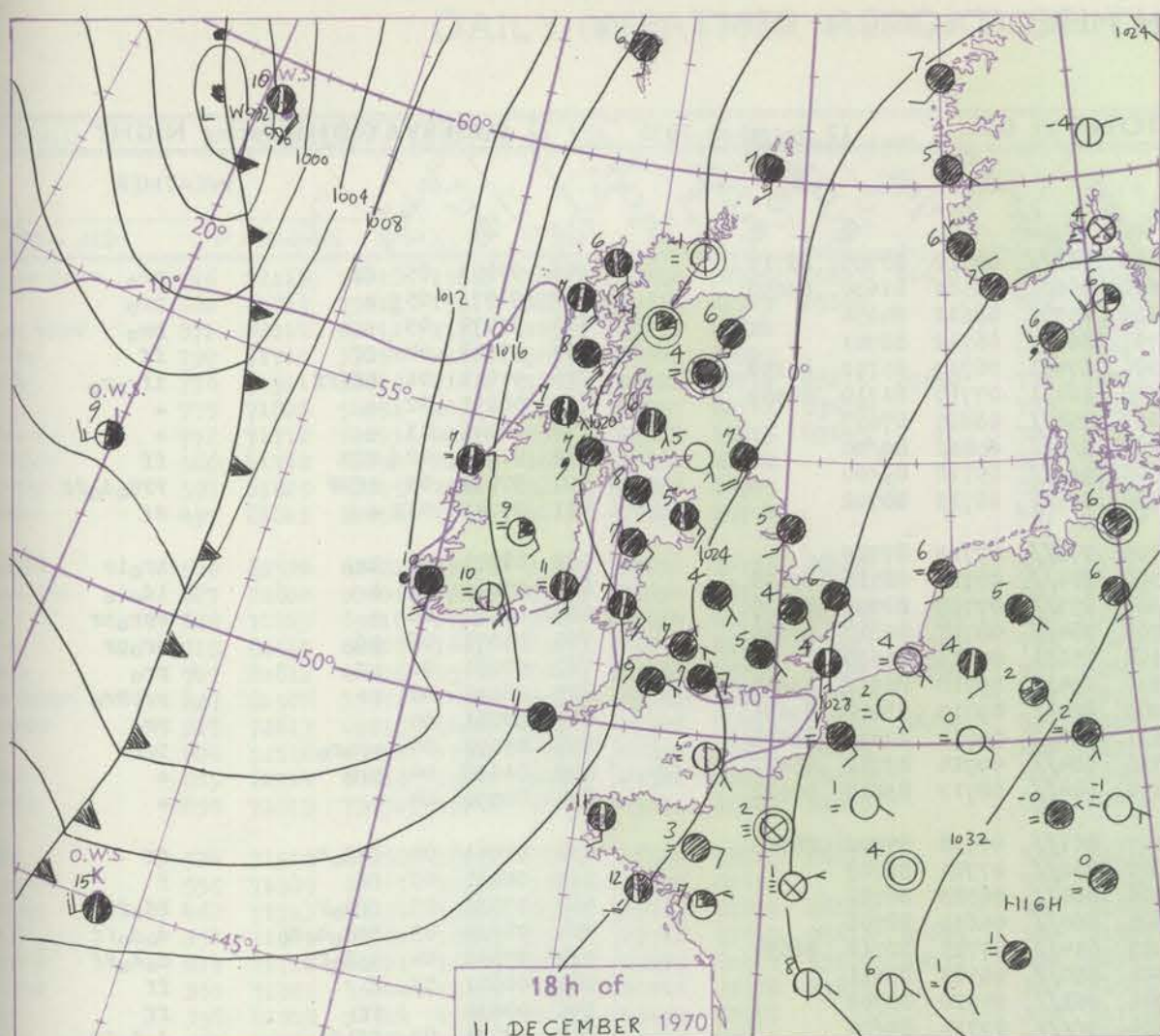
Date of Issue Saturday 12 December 1970

Code FM I.L.D	OBSERVATIONS at 12h. 11 December 1970										OBSERVATIONS at 18h. 11 December 1970										OBSERVATIONS during DAY					
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _M Ch _H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h Ch _M Ch _H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RR T x F	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	81310	40052	27005	863//	04805	84707	88708		746	81312	20102	25905	860//	05502	88701			746	00061	000	+		ff		
Hurn	862	81110	50052	26408	854//	05400	88613			862	80908	30052	25307	863//	06606	88709			862	00081	000	+		+		
Thorney Island	871	81311	50052	27907	864//	05503	88712			871	81108	48052	26907	862//	05502	88705			871	00071	000	+		+		
Manston	797	81610	28052	29604	863//	02806	88709			797	71807	30052	28004	763//	03703	87706			797	00051		+		+		
Gatwick	776	81209	40052	28505	863//	03508	88709			776	81307	34052	27404	862//	03702	88705			776	00051	000	+		+		
Kew	775	81307	48052	27905	863//	02512	88709			775	81703	48052	27205	863//	03500	88706			775	00051	000	+		+		
Heathrow	772	81108	40052	27605	863//	03716	88709			772	81507	45052	27205	863//	03500	88707			772	00051	000	+		+		
Honington	586	81410	37052	28705	863//	03809	85706	87708 88710		586	81710	28052	27704	873//	03501	88706			586	00081		+		+		
Wattisham	590	81511	32052	28804	863//	03811	88707			590	81908	20052	27804	862//	02502	88704			590	00061	000	+		+		
Gorleston	497	81418	58052	28907	855//	03715	88625			497	81612	48052	27306	854//	03501	88615			497	00080	000	+		+		
Aberporth	502	31224	40051	22405	10932	03721	81360			502	71216	40051	21107	764//	05707	87712			502	00081	015	+		+		
Ross-on-Wye	627	81203	48052	26805	863//	02604	88708			627	80902	24052	24805	863//	04708	88708			627	00061	000	+		+		
Filton	628	81108	40052	26805	854//	03506	82712	88614		628	81106	37052	24507	863//	05707	88708			628	00071	000	+		+		
Rhoose	715	80912	50042	26006	863//	04006	88709			715	81014	40042	23607	862//	06708	88705			715	00071	000	+		+		
Chivenor	707	81210	50051	24309	864//	07000	88711			707	51111	40051	21909	56400	07708	85712			707	97091	014	+		d _o		
Mount Batten	827	41114	48051	23809	46400	07604	84715			827	71010	40051	21810	763/2	09706	87709			827	00111	005	+		+		
St. Mawgan	817	71116	48051	23109	762//	08105	82704	86705 87707		817	51313	50101	20510	56300	09709	82707	84709			817	00111	009	+		+	
Silly	804	51514	56012	20911	55400	09001	85619			804	81708	56022	19211	873//	10803	88709			804	00110	007	+		1		
Culdrose	809	61511	56052	22011	683//	09603	82708	83816 86622		809	61518	58052	19910	26432	09713	82710	85070			809	00120	018	+		+	
Guernsey	894	51514	40051	25208	56200	06103	82703	85704		894	61513	40051	23809	16202	07801	81705	86075			894	00101	026	+		+	
Exmouth	534	81409	45042	27405	863//	03511	88708			534	81605	26042	26004	862//	03803	86704	88705			534	00061	000	+		+	
Cardington	559	81008	48052	27805	863//	03810	88709			559	81604	19052	26904	864//	03502	88710			559	00061	000	+		+		
Wittering	462	81411	50042	28106	853//	03808	81706	87708 88615		462	81807	28042	27003	863//	02804	88706			462	00071	000	+		+		
Watnall	354	81409	22042	27206	852//	04813	85705	87708 88620		354	81905	26042	25904	853//	03706	86707	88615			354	00071	000	+		+	
Shawbury	414	81510	44042	26706	863//	03610	88709			414	81505	32042	24805	862//	04606	83703	88704			414	00061	000	+		f	
Finnigley	360	81508	56045	27907	853//	05813	83709	88613		360	81710	40042	26005	863//	03603	88709			360	97071	000	d _o		+		
Kilnsea	396	81615	48022	29308	5552/	06711	85625	88460		396	82016	48022	26005	855//	03610	88625			396	00081	000	+		+		
Leeming	257	81609	40045	28007	854//	05816	82614	88618		257	81810	30042	25106	854//	04606	88612			257	97071	000	d _o		+		
Tynemouth	262	81617	58022	28008	856//	07716	88630			262	81918	48052	23807	856//	05609	88630			262	00081	000	+		+		
Carlisle	222	21308	58030	26407	25500	04716	82620			222	01706	32051	23105	00900	03604				222	00081	029	+		+		
Valley	302	40000	56041	23805	00902	03718	84075			302	81211	59041	21707	854//	05708	88612			302	00091	040	+		+		
Ringway	334	81307	56042	26607	864//	03812	88710			334	81608	25042	25205	863//	03101	88706			334	00071	000	+		+		
Squires Gate	318	81312	58042	25707	854//	05717	88617			318	71413	30042	23905	764//	03500	87710			318	00070	000	+		+		
Ronaldsway	204	71117	62042	23708	754//	05824	87617			204	81710	61042	22208	854//	05604	81712	88616			204	00091	001	+		+	
Mull of Galloway	131	81419	66022	23607	8092/	05713	88460			131	61610	62022	21207	656//	05502	86645			131	00081				+		
Eskdalemuir	162	71006	62012	26305	784//	03818	82713	83822 85628		162	60000	07462	23202	26402	01709	82710	86075			162	00051	000	+		ff	
Prestwick	135	51310	50042	25705	55400	03716	84616	85622		135	71403	40042	22206	754//	03510	82619	86622			135	00071	001	+		+	
Abbotsinch	140	80302	17042	26404	854//	02720	86710	88614		140	81003	15042	22605	854//	03615	81710	86716	88621			140	00061	000	+		+
Leuchars	171	70000	32042	26903	754//	02818	82712	87616		171	80000	19102	22704	855//	03713	88620			171	00041	000	+		+		
Dyce	091	81814																								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over Austria has persisted but will continue to move slowly south to be centred over Italy by tomorrow morning. The anticyclone over the North Sea declined during yesterday as a shallow thundery depression approached southwest Ireland from the south. This depression has now lost its identity having become absorbed by the cold frontal trough which has now reached western Ireland from the

west. This cold front, associated with a depression over west Iceland which is moving eastnortheast at about 15 knots, will cross all parts of the British Isles during the course of today but weakening in the south. The front will be followed by an unstable west to northwest airstream stabilizing in the south as a ridge of high pressure approaches southern Ireland from the west tomorrow morning.

Issued at midday Saturday 12 December 1970

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

Code FM II.D		OBSERVATIONS at 00h.										12 December 1970										OBSERVATIONS at 06h.										12 December 1970										OBSERVATIONS during NIGHT									
Station		ill	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	ill	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	ill	Nddff	VVwwWW	PPPTT	N _h Ch _h C _h H	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	ill	RT _n E	T _g Ig	WEATHER																			
																																	21h.—03h.	03h.—09h.																	
Boscombe Down	746	81313	07424	23907	860//	07711	88700				746	71913	50104	21209	762//	08712	82705	86715				746	97051	05	ff							pro																			
Hurn	862	81506	30051	23308	864//	07712	88712				862	41911	65031	21610	45601	08506	81630	83650				862	91071	05	+							pro																			
Thorney Island	871	71308	56101	25408	754//	08711	87616				871	41911	58251	23109	45700	08612	84650				871	97071	03	+								pro																			
Manston	797	81611	03442	26805	860//	04710	88700				797	81710	09424	24707	860//	06712	88701				797	97041	04	ff								ff																			
Gatwick	776	91508	07452	26106	9////	06711	89///				776	71405	28604	23306	67477	06715	85712	87359				776	91051	01	ffff							ifro																			
Kew	775										775	71704	56052	22308	16431	07717	81710	86359				775	00051	02	+							+																			
Heathrow	772	81305	24102	25305	861//	05612	88701				772	71406	38051	22407	758//	06815	87657				772	00041	03	+								+																			
Honington	586	81510	02464	25803	860//	03712	88700				586	91706	04434	23205	9////	05812	89/00				586	97031	02	ff								ff																			
Wattisham	590	91709	00474	25904	9////	04712	89/00				590	91708	01515	23505	9////	05712	89/00				590	97031	03	ifff								FFdodoff																			
Gorleston	497	81911	48052	26508	864//	05705	88618				497	81812	02444	23006	861//	06713	88702				497	97041	03	+								ff																			
Aberporth	502	81213	40052	18607	864//	06717	88710				502	71524	62211	14709	773//	07713	87709				502	00071	06	ir								ir																			
Ross-on-Wye	627										627	71807	57205	18509	754//	07722	82718	87625				627	95061	05	+							id																			
Filton	628	81207	26052	23007	862//	06710	88703				628	61714	58012	19309	653//	07718	82709	86620				628	01061	06	+							rpropr																			
Rhoose	715	81008	28202	21508	862//	07812	86703	88707			715	71710	75808	18709	784//	08717	82817	87640				715	95071	06	id							pro																			
Chivenor	707	61112	56055	20010	654//	07714	82710	85627			707	31209	74021	18108	15631	07713	81630				707	97081	06	id								pro																			
Mount Batten	827	72016	62032	21511	754//	09801	81710	87618			827	42015	62038	19310	49430	09710	81912	83814				827	06091	08	pr							prpro																			
St. Mawgan	817	32018	62021	20909	38400	07306	82815				817	81813	62801	18209	884//	09713	83818	87635				817	97081	05	+							pro																			
Scilly	804	31812	66258	19109	38400	08313	82817				804	52013	66026	17111	38402	09610	82818	83628				804	05091	07	prir							irrr																			
Culdrose	809	72217	64258	19809	48430	08104	81710	83620	86360		809	82115	74032	18210	884//	09714	83712	85822	88625			809	01092	04	pro							+																			
Guernsey	894	21914	50051	24110	20930	08102	82360				894	61918	70022	22210	684//	08712	83812	85622				894	00091	07	+							+																			
Elmdon	534	91608	04502	23904	9////	04712	89///				534	81610	20105	20207	861//	07718	85702	88703				534	97041	04	ffd								ff																		
Cardington	559	81508	05464	24904	861//	04713	88702				559	81809	12104	21807	862//	07721	88703				559	00031	03	ff									f																		
Wittering	462	91610	02474	24903	9////	03614	89///				462	81812	04445	21506	860//	06723	88701				462	97031	03	ffd									Fdoff																		
Watnall	354	81704	04464	24203	860//	03712	88701				354	81705	04445	20605	860//	05615	88701				354	91031	03	ffd									dodoff																		
Shawbury	414	81405	06515	22905	860//	05610	88701				414	61507	21285	17907	654//	07725	82712	86635				414	97041	04	dod							dodoff																			
Finningley	360	81707	19102	24204	862//	03809	88703				360	81508	07444	20404	860//	04723	88701				360	00041	03	f									ff																		
Kilnsea	396	82112	32022	24303	855//	03710	88625				396	81818	32284	21704	862//	04720	88703				396	00030		ff								ff																			
Leeming	257	81612	14042	23305	863//	03711	88707				257	91611	04455	19204	9////	03715	89/00				257	97031	03	ffid								dodoff																			
Tynemouth	262	81912	32102	22505	856//	05808	88630				262	81920	32102	17904	856//	04735	88630				262	00041	03	+								+																			
Carlisle	222	31607	28051	21404	35600	03714	83630				222	72004	40051	16506	763//	04728	87709				222	97041	51	+								ro																			
Valley	302	81315	62042	18909	854//	05821	88613				302	81630	58612	13709	6542/	08618	81617	86626	88558			302	02041	02	+								iroro																		
Ringway	334	81511	16205	22804	860//	04716	88700				334	81613	40045	18407	861//	05720	83702	88705				334	97041	04	dod								+																		
Squires Gate	318	81314	28042	21605	862//	05716	88705				318	81415	20502	16807	862//	06626	88705				318	97050	03	+									dod																		
Ronaldsway	204	81013	56042	19407	854//	06710	88618				204	81621	40636	12009	852//	08745	81705	84708	88614			204	06071	05	ro																										

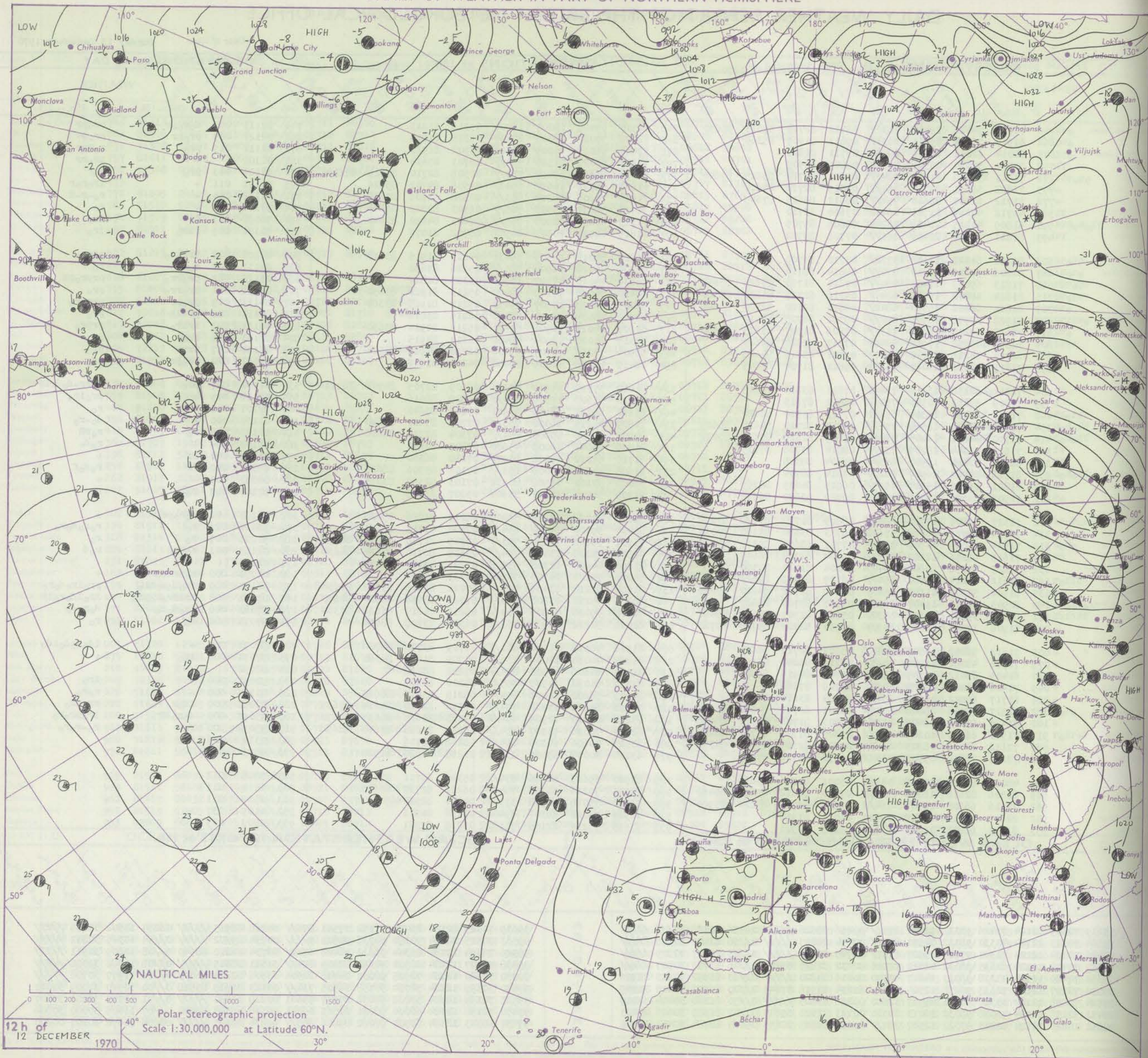
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39833

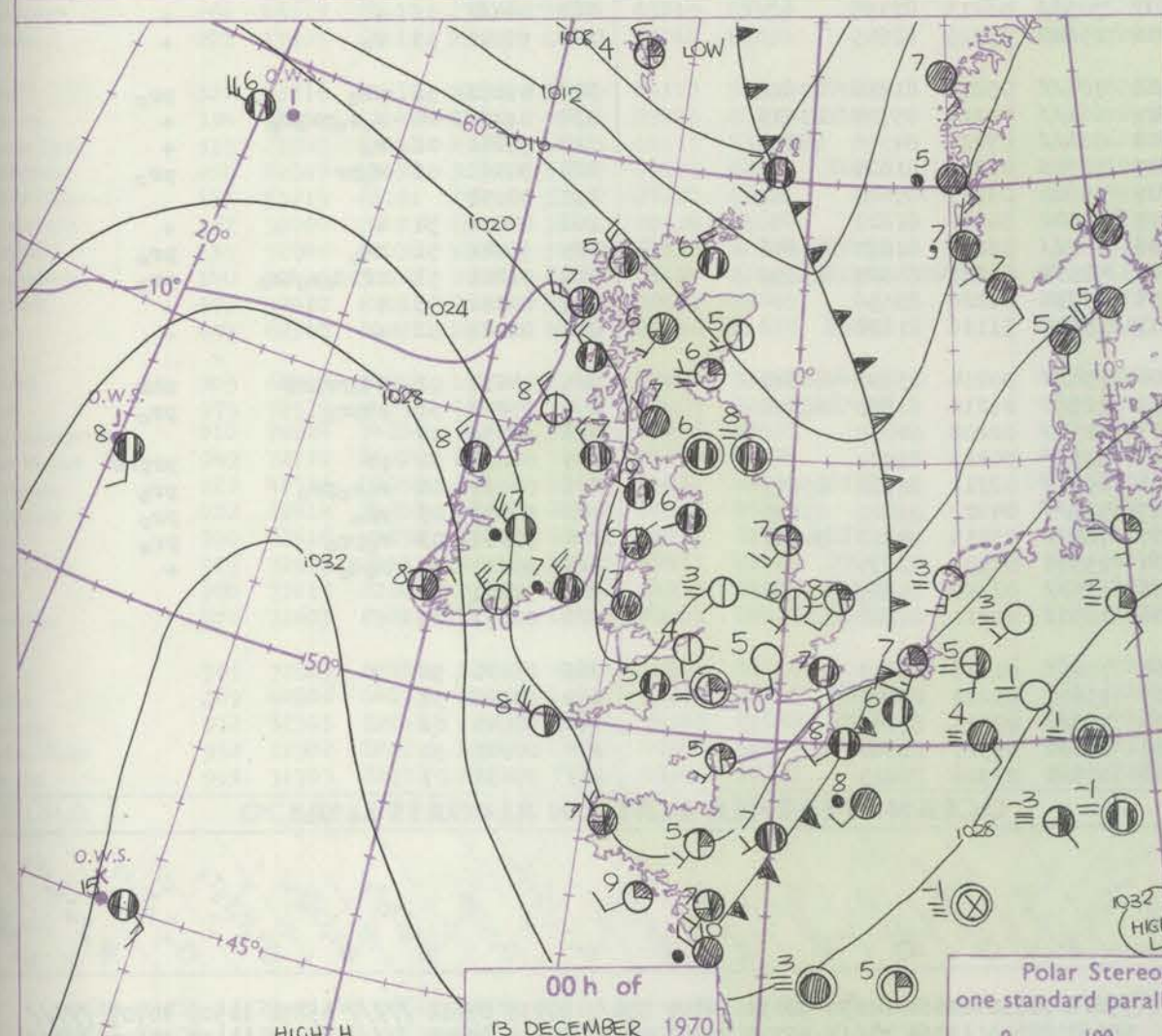
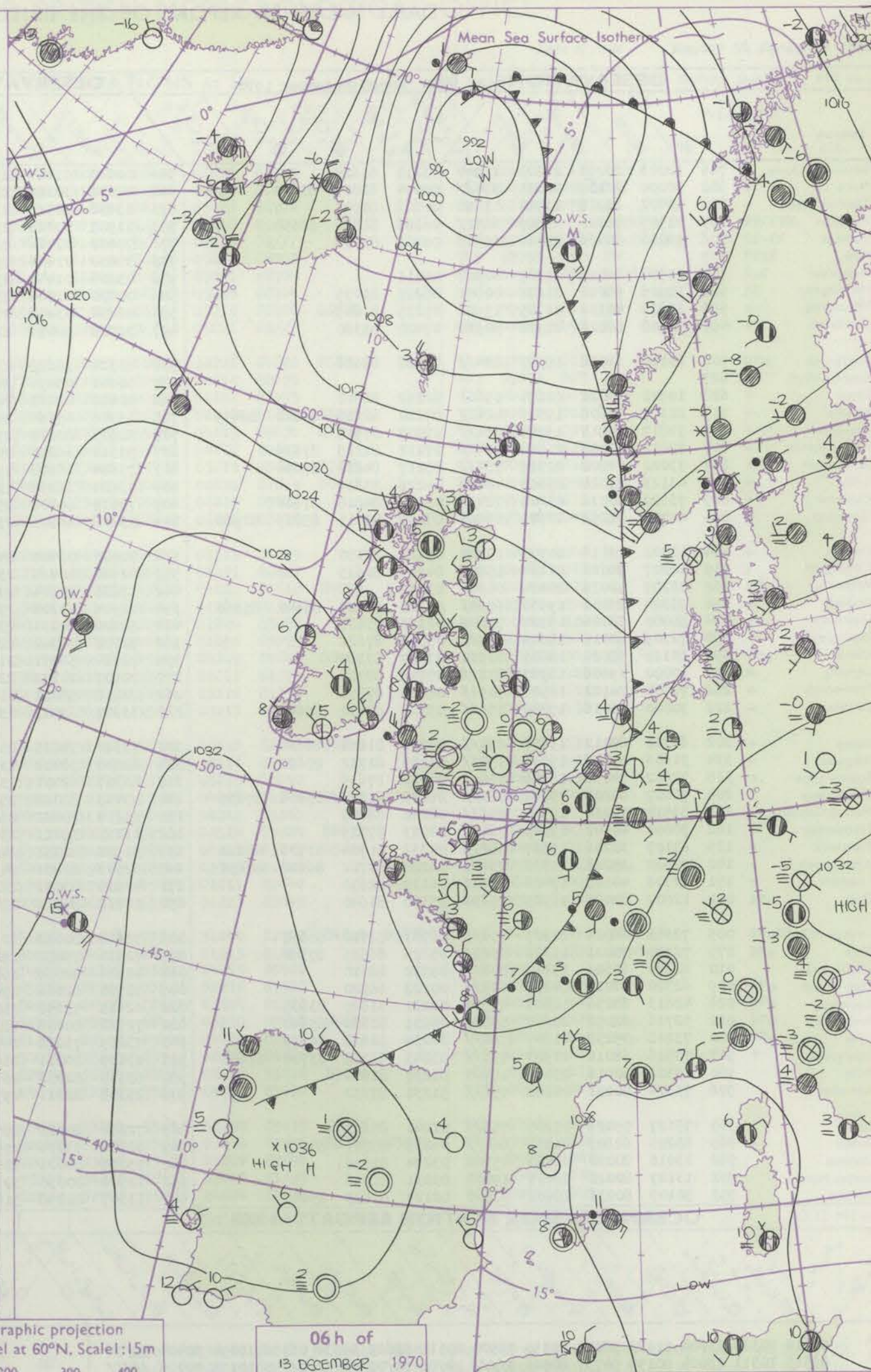
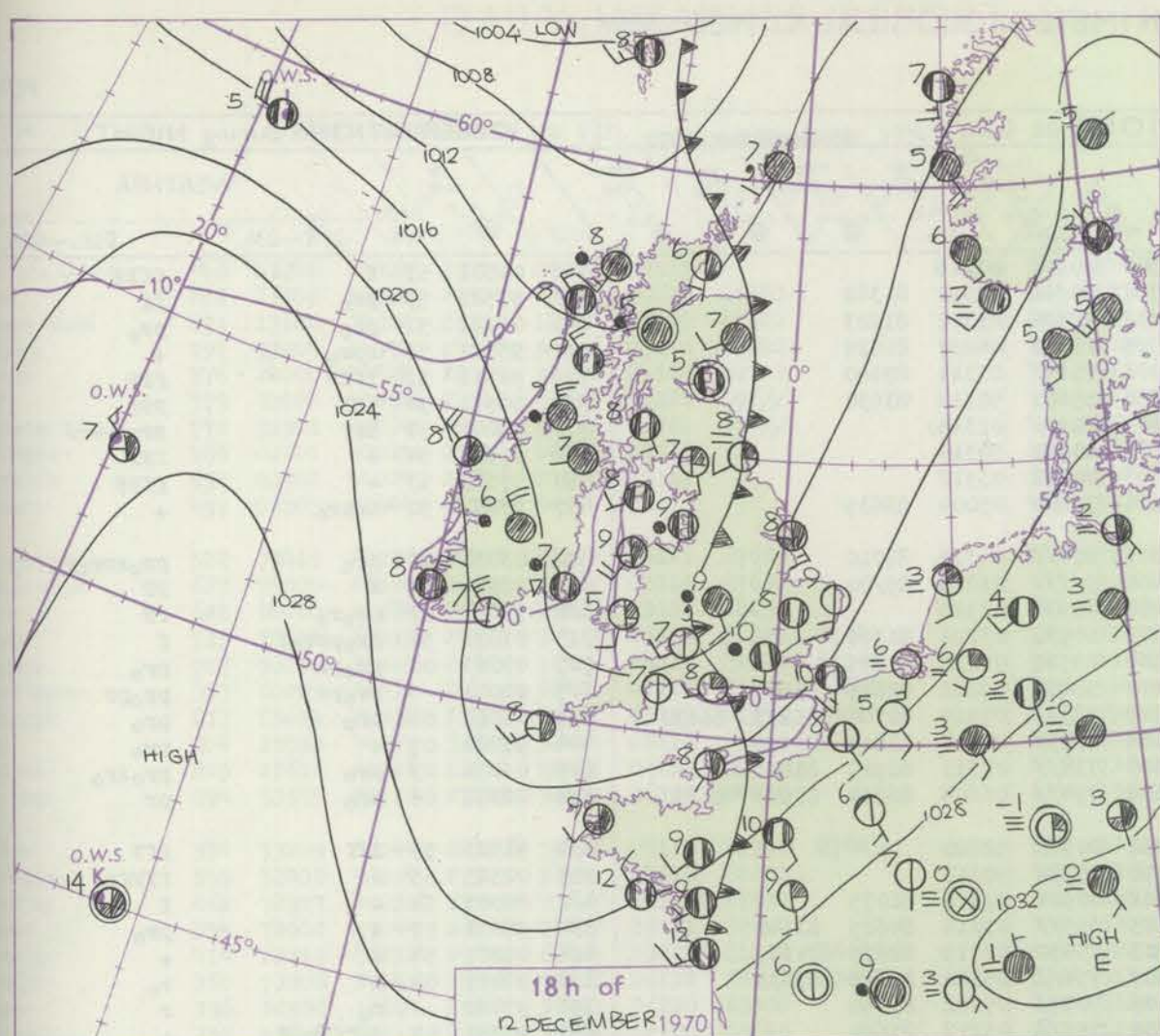
Date of Issue Sunday 13 December 1970

Code FM II.D	OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
	12 December 1970										12 December 1970														
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																								09h.—15h.	15h.—21h.
Boscombe Down	746	72115	74028	19410	783/2	08712	82708	85813	86630	746	12510	69028	18307	18400	05316	81813				746	02111	000	d _o r _o pr	pr _o pr	
Hurn	862	61915	75018	19511	3833/	09813	81709	85360		862	22406	70018	19008	28430	06315	81818				862	02121	009	pr _o pr	pr _o pr	
Thorney Island	871	32014	62011	21711	28530	09711	81820			871	12410	66016	20009	13500	07302	81920				871	01111	015	pr _o	r _o Rpr	
Manston	797	71710	37054	23509	56331	08809	85709			797	71813	66022	21510	754//	08703	87614				797	01101		+	ir _o rr	
Gatwick	776	71911	56806	21810	784//	09811	84710	85815	87640	776	72016	56618	19410	754//	08508	82710	85615	87640		776	02101	003	pr _o	r _o r	
Kew	775	71808	58051	20711	754//	08815	82712	87614		775	61808	59216	18610	6543/	09506	84712	85626		775	01111	011	+	ir _o r _o r		
Heathrow	772	71712	62031	20610	754//	08812	85615	87645		772	71913	70606	18210	753//	08508	82706	87635		772	01111	004	+	r _o -r-R		
Honington	586	41712	40054	21709	36432	07810	83710			586	71711	58031	19508	785//	06503	82822	86645		586	97101		+	r _o		
Wattisham	590	61809	40105	22409	56202	08806	85705			590	71711	40031	20208	755//	07603	84620	87640		590	96091	013	ff	ir _o		
Gorleston	497	81811	24056	22409	861//	07708	88702			497	11815	60011	20309	00901	08702	81075				497	91101	005	fir _o	ir _o	
Aberporth	502	81726	61622	13608	3732/	07710	83708	88550		502	31811	80018	15505	39431	04215	81915	83818		502	03101	002	irr _o r _o	prpr _o		
Ross-on-Wye	627	81806	57606	16810	874//	08814	88710			627	72206	70026	16908	755//	05226	87620				627	04111	001	r _o rr	r _o	
Filton	628	71813	69018	17411	784//	07814	81710	84625	87645	628	12208	74018	17307	18500	05325	81820				628	03111	002	pr _o rr _o	prpr _o pr	
Rhoose	715	81614	68808	16610	6847/	09716	82712	85820	88360	715	32410	70038	17108	39400	05213	81915	83650		715	03101	001	pr _o rr _o	pr _o		
Chivenor	707	81811	66808	15710	6842/	09818	82710	83820	85640	707	52405	80278	17507	39433	05217	81915	83360		707	04111	009	pr _o pr	phrpr _o		
Mount Batten	827	81928	37978	16509	892//	09722	86705	88914		827	32712	66039	18909	38400	06215	83818				827	07111	022	prt _o lR	pr _o	
St. Mawgan	817	72613	69218	16808	753//	07506	81707	83615	86650	817	62107	74021	18906	69400	05215	82914	83630		817	06111	023	irr _o r _o	prpr _o		
Silly	804	52516	69258	17910	58400	07217	82818	84628		804	52317	81028	18908	48402	06310	84915				804	08111	038	RRpr	pr	
Culdrose	809	62714	64216	17210	60400	07501	83816	84626		809	52904	78258	18707	59400	06210	84915	83820		809	06112	037	irr _o r	pr _o		
Guernsey	894	71819	75031	21011	75232	09811	81704	86645		894	12419	80258	21209	18430	04211	81818				894	04111	020	pr _o pr	pr _o	
Elmdon	534	71911	62158	18310	784//	07811	83812	86615		534	81610	57598	14909	872//	08709	82705	84708	86711		534	01101	007	pr _o	r _o rr-d _o drDR	
Cardington	559	71809	59051	20310	754//	08812	87615			559	81510	61608	17509	854//	08809	88616				559	97111	015	+	pr _o ir _o	
Wittering	462	71713	62024	19809	654/1	07713	81710	86620		462	61612	66031	17108	55601	07808	85640				462	97101	001	+	r _o	
Watnall	354	71911	40054	18509	754//	07714	82710	84618	86625	354	71509	48215	16008	755//	07709	85621	87640		354	01101	000	+	d _o -r _o		
Shawbury	414	71710	66021	16409	38482	07809	81818	83626	87072	414	82305	58626	15008	854//	07304	82714	88626		414	02101	008	r _o	r _o rR		
Finningley	360	71811	56044	18209	753//	08814	83708	87635		360	41509	56042	16008	45600	07807	84630				360	97101	004	+	r _o d _o	
Kilnsea	396	81918	32284	19907	863//	07804	88708			396	61716	62012	18108	6097/	07810	86360				396	00080	004	ff	+	
Leeming	257	81712	14284	16907	862//	07614	88704			257	81608	17601	16008	853//	07102	85706	88620		257	97081	000	ff	r _o d _o f		
Tynemouth	262	81821	19102	15807	4557/	06815	84625	88359		262	32008	32102	15508	20932	07103	82358	83075		262	00081	000	+	+		
Carlisle	222	71907	62602	13909	7557/	06709	83620	86635		222	31709	56046	14207	35600	05207	83645				222	97101	007	r _o	r _o	
Valley	302	71527	62806	12710	5843/	08809	81710	83820	87358	302	52018	82038	13809	58400	06218	81816	85626		302	01101	002	r _o r _o pr _o	+		
Ringway	334	71714	58021	16210	35642	06713	83630	83360	86070	334	81407	59606	14710	854//	07500	81715	88625		334	96111	021	r _o	r _o r _o d _o r _o		
Squires Gate	318	71614	50046	14909	35772	07711	83650	85360	87075	318	71911	36606	14509	753//	08309	81708	85617	86631	318	91101	007	r _o	r _o		
Ronaldsway	204	71615	61256	12110	783//	09804	82708	86645		204	72507	82028	13408	784//	07318	82710	84814	86630	204	02111	001	r _o Rpr	r _o d		
Mull of Galloway	131	71825	74258	10609	1647/	08004	81710	87360		131	81808	64808	12308	5352/	07223	85920	88460		131	01091					
Esksdalemuir	162	81612	48214	13406	854//	06709	82712	88623		162	50000	56106	14705	55600	04313	85634				162	01071	000	r _o irir _o	+	
Frest																									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 13 December 1970

The trough to the west of Ireland yesterday, moved slowly eastwards over much of Britain and weakened bringing a cold unstable airstream to northern and western districts. During the next 24 hours this trough is expected to continue east-

wards and weaken further. At the same time the ridge which now extends from northwest Spain to just west of Ireland, is expected to move northeastwards to cover most districts of the British Isles.

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

Code FM 11.D		OBSERVATIONS at 00h.										13 December 1970										OBSERVATIONS at 06h.										13 December 1970										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRRT _n T _n E	T _g T _g	WEATHER																								
																						21h.—03h.	03h.—09h.																							
Boscombe Down	746	12003	16280	21303	15500	03210	81625			746	00000	01464	23900	00900	00218				746	00501	53	f	ffff																							
Hurn	862	30000	20158	20801	384//	00004	81818	83630		862	10000	30100	22752	10930	52312	81362			862	97523	55	pro	ff																							
Thorney Island	871	10402	66028	21904	13500	04208	81920			871	13602	80028	23003	19500	03307	81923			871	01021	52	pro	pro																							
Manston	797	71705	58026	22507	6851/	06106	81820	86650		797	11903	77028	23705	18500	04207	81824			797	93031	51	rpro	+																							
Gatwick	776	30000	02466	22201	35500	01211	83626			776	70000	02424	23701	756//	01311	87640			776	92511	53	ffff	fff																							
Kew	775									775	30000	01424	23850	35600	50318	83630			775	00511	54	fff	fff																							
Heathrow	772	01704	66016	21305	00900	05111				772	03104	01444	23501	00900	01314			772	97001	52	fff	ff-f+ff																								
Honington	586	12006	58016	21206	00902	05215	81075			586	00000	01464	23500	00900	50314			586	97513	54	+	fff																								
Wattisham	590	32207	40106	21705	15602	05215	81645			590	02204	03444	23803	00900	03312			590	97513	53	+	ffff																								
Gorleston	497	32008	60026	20308	30930	07400	83360			497	32208	58051	22106	35600	05004	83635			497	97032	50	1r1r0	+																							
Aberporth	502	83110	61038	19507	854//	05328	88616			502	83324	58618	25007	874//	06325	88710			502	03051	01	pro	prorrrr0r0																							
Ross-on-Wye	627									627	90000	00454	24401	9////	01215	89/00			627	92501	52	f	ff																							
Filton	628	10901	74020	20204	15601	02212	81640			628	00000	02468	24202	00900	02328			628	94001	51	pro0r0	ff																								
Rhoose	715	82307	70608	19507	4242/	07210	82710	84822 88459		715	13306	65286	24303	10930	03226	81360			715	01031	51	proprrof	f																							
Chivenor	707	72817	74818	19708	794//	07007	87918			707	22803	82018	25006	28500	05230	81825			707	03061	01	propr	pro																							
Mount Batten	827	72812	62038	21808	784//	07212	81818	87638		827	53310	66018	24408	58400	06222	82819	85647		827	00071		propr	propr																							
St. Mawgan	817	73022	74808	22709	784//	05217	84818	87634		817	73320	66808	25709	783//	07319	82707	85812 86630		817	01081	06	pro	pro																							
Scilly	804	43123	81028	25308	48400	04226	83819			804	73124	66258	28108	4843/	04214	83819	87358		804	97081	07	+	pro																							
Culdrose	809	73120	80038	23208	784//	05118	84818	87626		809	73419	64808	25608	734//	07311	81913	83818		809	01071	03	pro	proir0																							
Guernsey	894	62716	81258	22709	69463	07209	83711	85817 82920		894	73016	66808	23008	794//	06604	86814	83920 86630		894	02071	05	pro	pr																							
Elmdon	534	12202	28116	20703	15700	03123	81650			534	00000	02440	24252	00900	52220			534	91521	55	fff	fff																								
Cardington	559	12007	74026	21104	15600	04217	81635			559	02702	00464	23850	00900	50318			559	00523	55	+	fffff																								
Wittering	462	02207	58026	20404	00900	03217				462	12605	20104	23402	00901	01319	81075			462	00001	54	+	f																							
Watnall	354	72304	29106	19906	6553/	05123	81625	86640 85360		354	62504	40108	23103	655//	03216	84625	83640		354	97031	51	+	pro																							
Shawbury	414	50000	58106	19902	55600	02123	85635			414	50000	64011	23803	25630	02219	82635	84359		414	00001	54	+	+																							
Finningley	360	72309	62016	18608	755//	05318	87622			360	72702	56042	22407	754//	05220	83615	87633		360	97051	04	+	ro																							
Kilnsea	396	32116	59026	18607	30930	07207	83360			396	72614	56031	21305	7097/	05212	87360			396	97060		ro	r																							
Leeming	257	80000	09606	18907	872//	07219	88704			257	70000	20102	22506	755//	05217	87624			257	97051	01	doffir0F	+																							
Tynemouth	262	70000	24102	18508	7097/	08213	87358			262	72812	58021	21307	7097/	06213	87358			262	00061	01	+	+																							
Carlisle	222	70000	56016	19206	756//	05328	83630	85645		222	33307	69011	23706	25640	03325	82645			222	97021	53	ro	+																							
Valley	302	60702	80012	19606	684//	05231	81814	86634		302	73320	74018	25508	784//	05236	81816	87618		302	01051	51	pro	pro																							
Ringway	334	71606	57216	19306	754//	05125	81712	87630		334	62002	58012	23405	663//	04219	85708	83635		334	01051	04	ro0ropro0r0	+																							
Squires Gate	318	72602	70036	18906	756//	06220	87636			318	83307	62021	23708	853//	07226	84708	88618		318	97041	01	ro	+																							
Ronaldsway	204	73007	30208	19409	783//	08228	81708	85814 87635		204	33413	82018	25207	38500	01226	81820			204	94061	03	dopr	pro																							
Mull of Galloway	131	83514	70038	19510	856//	08242	88645			131	53214	80022	25105	55600	03227	85640			131	00051																										
Eskdalemuir	162	70000	40102	19305	764//	04223	87715			162	13113	59011	23203	12502	51220	81822			162	00011	54	+	+																							
Prestwick	135	83107	30206	19607	882//	07232	81704	83706 88622		135	51502	82031	24806	585//	02222	82820	84646		135	92041	51	ido	pro																							
Abbotsinch	140	72502	25286	19306	754//	06228	83712	86622 87656		140	62503	80801	24303	58531	01221	83825	85650		140	91021	51	ifido0r0ir0	pro																							
Leuchars	171	22706	40105	17406	25600	06119	82630			171	42908	83031	22205	35730	01226	83656			171	00011	55	+	+																							
Dyce	091	12607	82021	16905	15630	03320	81640			091	12712	84021	21403	15500	51116	81620			091	00021	52	+	+																							
Lerwick	005	72113	66025	10307	754//	06707	82710	86650		005	72618	80038	12904	734//	0021																															

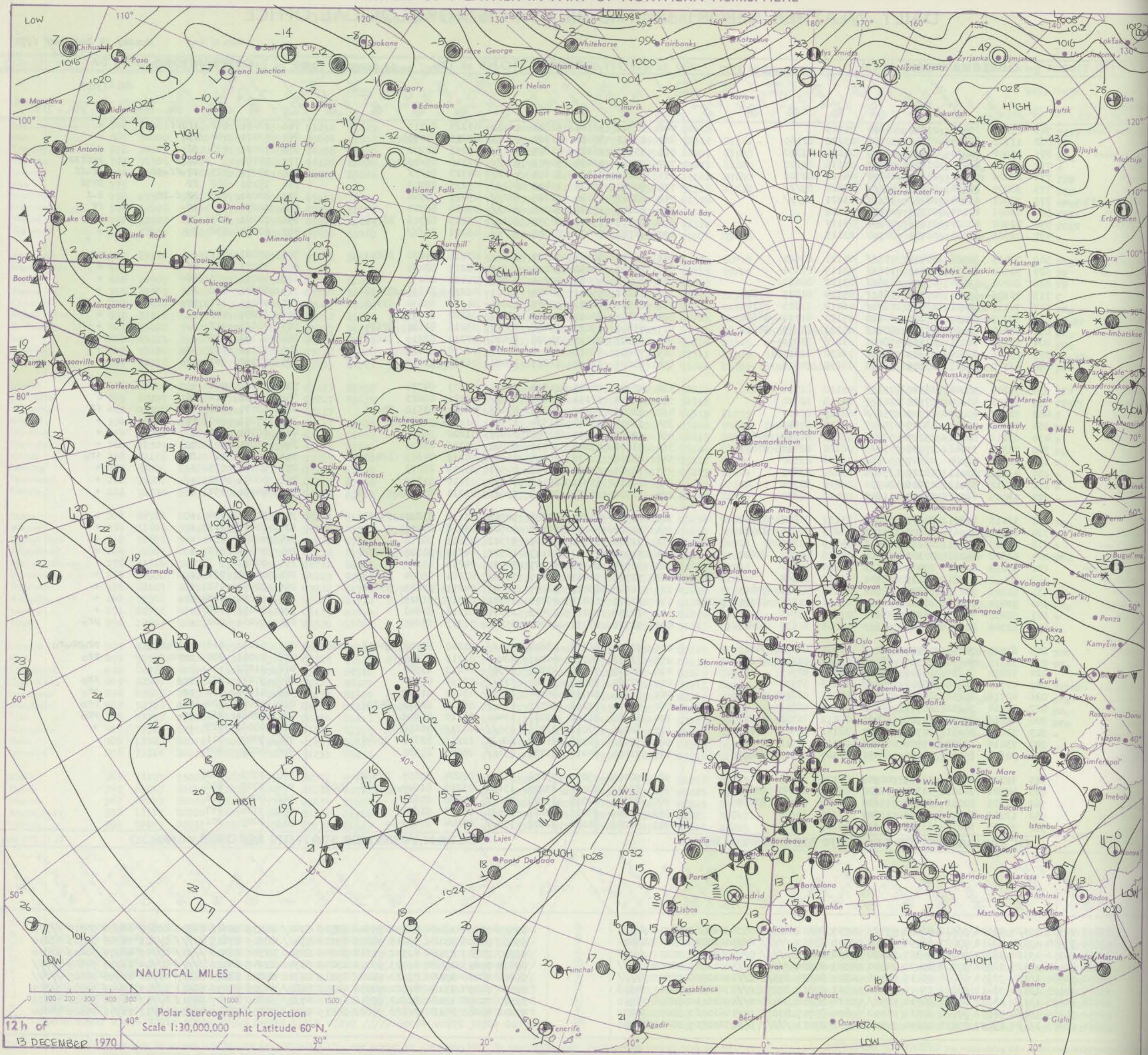
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39834

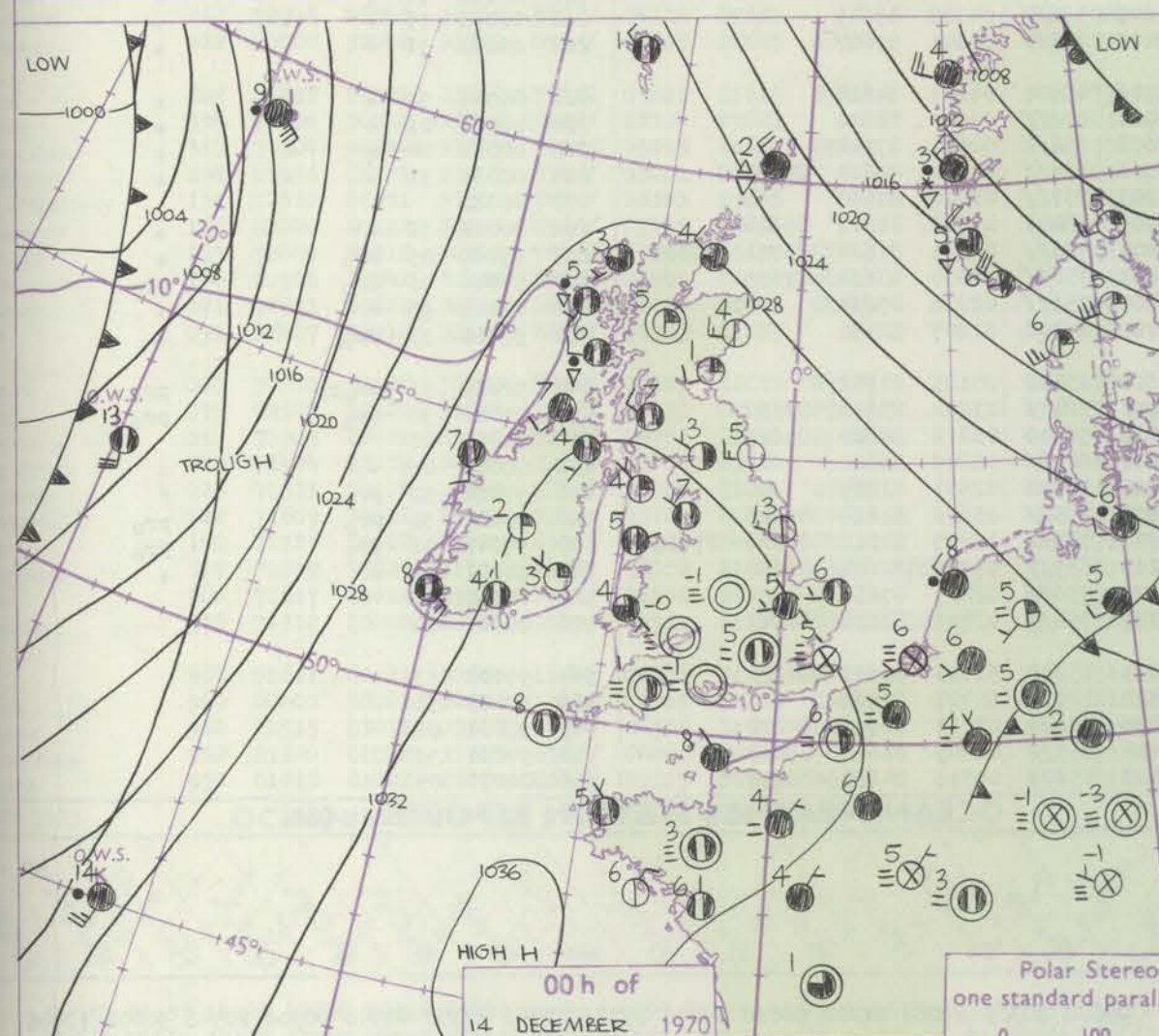
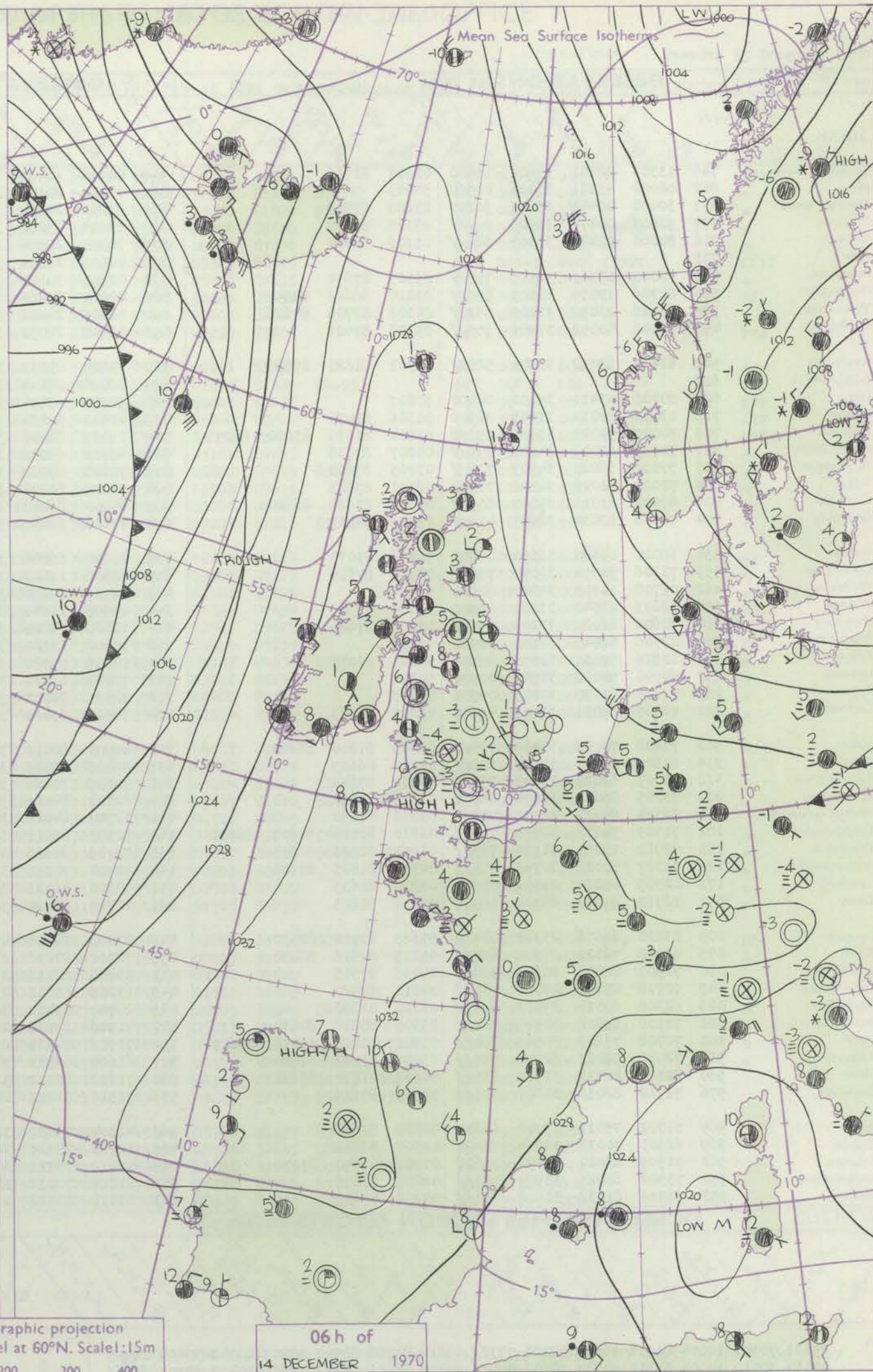
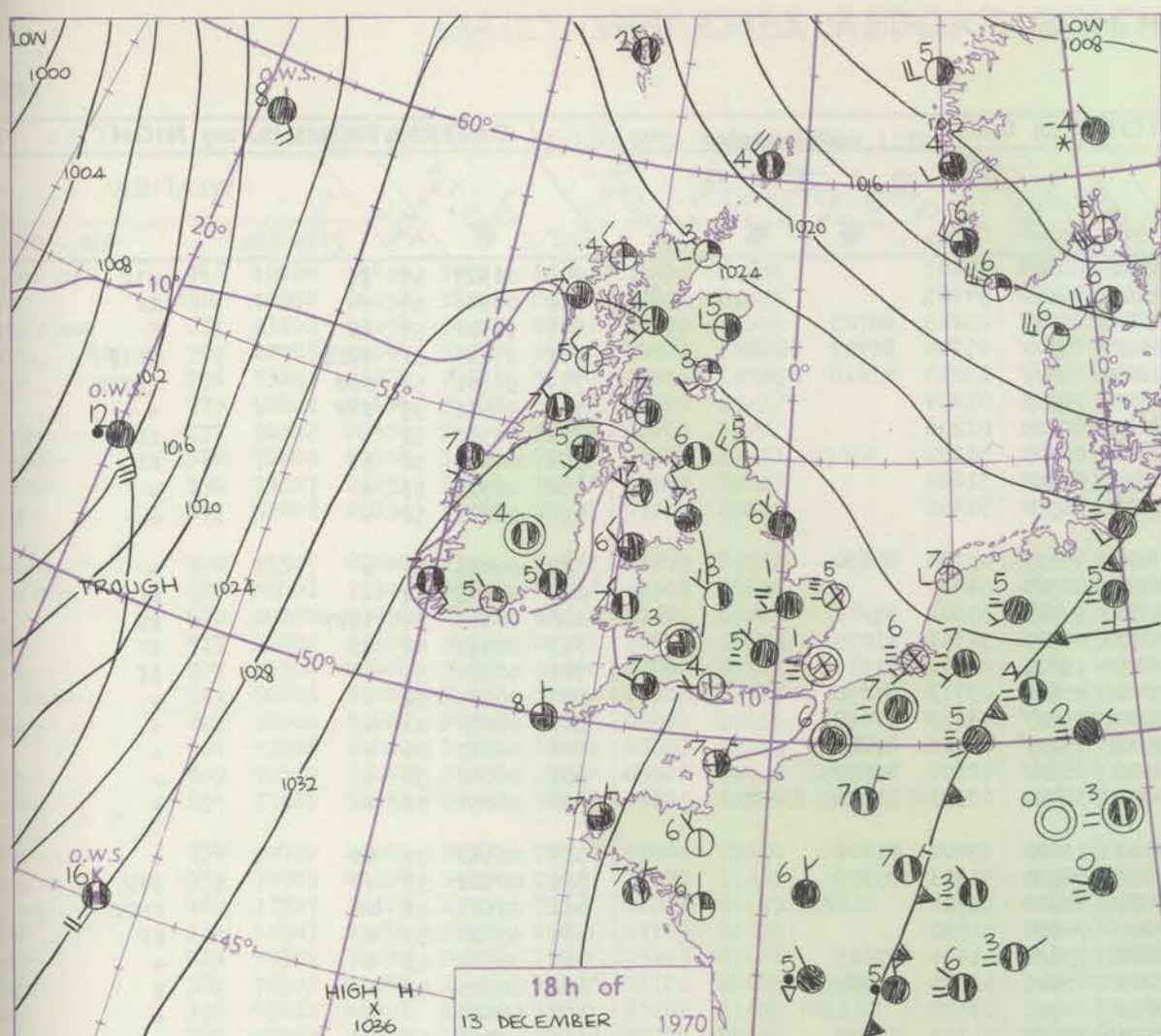
Date of Issue Monday 14 December 1970

Code FM 11.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
		13 December 1970										13 December 1970														
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	ill	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	ill	RRT x E	SSS	WEATHER				
																						09h.—15h.	15h.—21h.			
Boscombe Down	746	03206	05424	29202	00900	02123				746	10000	32104	32203	16401	03223	81715			746	00061	042	1fFf	+			
Hurn	862	13308	58034	28507	10940	05222	81360			862	12703	50050	31904	00901	02225	81075			862	00071	064	fFf	+			
Thorney Island	871	13606	70020	28107	12500	05220	81820			871	83507	26101	31805	861//	05223	88702			871	00091	070	Jf	+			
Manston	797	93204	01471	27807	9////	07116	89/00			797	90000	00434	30901	9////	01218	89/00			797	91081		1fFF	FFfFF			
Gatwick	776	20000	04424	28104	26100	04120	82702			776	93206	03434	31604	9////	04323	89///			776	97071	025	FF-ff-Jf	1f-ff			
Kew	775	90000	00454	28502	9////	02221	89///			775	80000	19104	31405	862//	05221	88703			775	97051	000	FF	FF1f			
Heathrow	772	92901	01434	28203	9////	03221	89///			772	83003	20104	31205	862//	05221	88704			772	00061	018	FF-f-1f	F-f			
Honington	586	02601	40024	27306	00900	05112				586	82606	17101	30205	862//	05218	88704			586	00071		FF	ff			
Wattisham	590	02902	40024	27606	00900	05117				590	83205	19101	30505	863//	05219	82706	88708		590	00081	061	Jf	+			
Gorleston	497	02505	08444	26704	00900	03115				497	92702	00474	29505	9////	05221	89///			497	00091	058	F	+			
Aberporth	502	73415	80026	30408	755//	04121	87625			502	73211	82251	32707	785//	03218	84820	86630		502	97081	001	+	pro			
Ross-on-Wye	627	70000	66024	29603	756//	03119	87630			627	20000	77011	32104	00901	02219	82075			627	97071	007	Ff	+			
Filton	628	80000	11284	29403	856//	03122	88630			628	60000	48051	32203	00901	01121	86075			628	00073	005	FfF	+			
Rhoose	715	70106	65021	29507	785//	05124	81825	87640		715	33202	65011	32404	15701	02218	81656	83078		715	00081	008	+	+			
Chivenor	707	70115	80028	29909	1853//	06219	81825	87360		707	63507	74021	32807	55631	04115	85630	83360		707	97091	017	pro	+			
Mount Batten	827	60209	66031	29809	68400	07120	81710	86628		827	53409	62012	32808	55601	06220	85641			827	97091	013	+	+			
St. Mawgan	817	83614	80028	31308	804//	05122	81815	88618		817	73507	69022	33408	755//	05216	83620	87634		817	00091	012	+	+			
Silly	804	33512	74021	32609	38400	03216	83819			804	63507	74021	34008	68400	02210	82819	86623		804	00101	059	+	+			
Culdrose	809	23616	69028	31809	25431	06230	82615			809	73601	68021	33208	755//	06215	87626			809	97110	017	1ro	+			
Guernsey	894	53515	82018	27809	58400	06231	84816			894	33607	82011	31607	32400	06326	83816			894	97090	047	pro	+			
Emdon	534	73209	35044	28306	753//	05118	81708	87645		534	43305	28041	31803	00901	01217	84075			534	00071	006	+	+			
Cardington	559	32402	40104	27905	38500	04118	82620			559	82604	12101	31106	855//	06221	88623			559	00061	026	ff	f			
Wittering	462	72907	40031	27705	756//	02119	87630			462	63005	19042	30005	45402	04220	83618	84075		462	00071	022	+	ff			
Watnall	354	72501	07044	28006	756//	05121	87640			354	33004	23044	31304	10941	01219	81360			354	97071	000	ff	+			
Shawbury	414	63212	80011	29207	68400	03223	81818	86635		414	52205	48041	32103	00902	01220	85072			414	00081	020	+	+			
Finningley	360	73308	37046	27508	756//	06122	82630	87656		360	53106	48041	30705	00901	01216	85075			360	91091	003	ro	+			
Kilnsea	396	32908	12204	26907	30930	06226	83360			396	83206	58036	29506	455//	04219	84625	88460		396	97080	000	ff	1ro			
Leeming	257	43208	82011	28007	35601	01120	83645			257	12907	83011	31003	00901	00219	81073			257	00081	025	+	+			
Tynemouth	262	43012	58012	27606	30931	03219	83359			262	12816	61021	29105	10970	03210	81359			262	00071	030	+	+			
Carlisle	222	13005	66011	28505	11642	02012	81830			222	72506	66031	30306	756//	03213	87630			222	00081	051	+	+			
Valley	302	53216	74031	30609	58400	03117	81818	85635		302	62908	74031	32306	58502	03110	83820	85635		302	00091	034	+	+			
Ringway	334	62807	22046	28807	65602	03223	86635	83075		334	72902	40042	31705	00902	03216	87070			334	00071	025	+	+			
Squires Gate	318	23208	60011	29208	18501	04119	81825			318	62805	57041	31807	00902	05215	86072			318	00081	052	+	+			
Ronaldsway	204	62807	84038	30307	58501	04118	82822	84632		204	52905	75012	32107	18532	04215	81820	84075		204	00081	022	+	+			
Mull of Galloway	131	53219	80151	29407	535//	06220	85920			131	52915	80018	31107	50930	04210	85360			131	00081						
Eskdalemuir	162	10000	70021	28105	18501	01114	81824			162	72709	74031	30105	785//	02114	85824	86638		162	00061	031	+	+			
Prestwick	135	72806	70038	28807	38542	03116	82824	87075		135	52908	65022	30207	58540	04211	83823	85632		135	00081	012	+	+			
Abbotsinch	140	72405	70038	28006	28532	03114	81825	83360	86070	140	12307	68021	29004	18501	02313	81825			140	97061	013	pro	+			
Leuchars	171	52410	82011	26105	55642	02111	85645			171	22308	70011	27403	15631	01211	81640			171	00053	008	+	+			
Dyce	091	62308	80011	24505	656//	01006	81635	86645		091	52711	80031	26205	55600	01213	85645			091	97061	002	+	pro			
Lerwick	005	6272																								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

A ridge of high pressure reached western districts of the British Isles from the southwest while the main Atlantic vortex has become slow-moving near Cape Farewell. During the next 24 hours the ridge of high pressure over the British

Isles will continue moving slowly northeast followed by troughs of low pressure, associated with the Atlantic vortex, reaching northwestern districts of the British Isles later.

Issued at midday Monday 14 December 1970

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

Code FM 11.D		OBSERVATIONS at 00h.									14 December 1970									OBSERVATIONS at 06h.									14 December 1970									OBSERVATIONS during NIGHT								
Station		iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRR T _h E	T _g T _g	WEATHER														
																																21h.—03h.	03h.—09h.													
Boscombe Down	746	13303	28101	33602	16400	01105	81715				746	00101	11404	34450	00900	51203				746	00523	57	Jf						746	00523	57	Jf	fif													
Hurn	862	00000	45101	33451	00900	51005					862	00000	20100	34353	00900	54205				862	00543	57	+						862	00543	57	+	if													
Thorney Island	871	30000	07444	33603	36200	03208	83705				871	83202	21004	34304	862//	03205	88705				871	97511	55	fF				871	97511	55	fF	f														
Manston	797	92602	00474	32605	9////	05105	89/00				797	83103	13282	33105	853//	05204	86707	88620		797	97031	51	FFff				797	97031	51	FFff	ffiff															
Gatwick	776	80000	02444	33305	862//	05106	88704				776	70000	20104	33804	754//	03203	83618	87625		776	97501	52	ffF				776	97501	52	ffF	iffFF															
Kew	775										775	02901	23054	33502	00900	01204				775	97501	55	fFF				775	97501	55	fFF	+															
Heathrow	772	70000	18101	32905	756//	05105	87634				772	02803	30101	33602	00900	01205				772	00511	53	+				772	00511	53	+	iff															
Honington	586	82706	37054	32105	855//	03210	86626	88640			586	02607	09464	32601	00900	51202				586	00001	52	ff				586	00001	52	ff	ff															
Wattisham	590	73106	23052	32205	753//	04106	82706	87626			590	02805	20101	32850	00900	51202				590	00511	55	+				590	00511	55	+	+															
Gorleston	497	72706	40052	31206	755//	05208	87625				497	02608	28051	31203	00900	51400				497	00001	52	+				497	00001	52	+	+															
Aberporth	502	61405	82012	33504	5853/	03301	81820	85630			502	71507	83031	33404	756//	03704	87630				502	00021	51	+				502	00021	51	+	+														
Ross-on-Wye	627										627	00000	02444	34451	00900	54400				627	00543	57	+				627	00543	57	+	ff															
Filton	628	00000	03411	34050	00900	51207					628	00000	00494	34654	9////	55302	89/01				628	00553	56	iff				628	00553	56	iff	FF														
Rhoose	715	13602	60011	33803	00902	01306	81075				715	10000	57050	34051	00901	52501	81075				715	00523	55	Jf				715	00523	55	Jf	F														
Chivenor	707	70000	74022	33904	15608	03204	81635	83070	86275		707	11007	62101	34000	15631	00601	81635				707	00501	51	+				707	00501	51	+	if														
Mount Batten	827	70503	62031	34105	756//	04207	87638				827	40000	62011	33303	45600	03713	84638				827	00021	52	+				827	00021	52	+	+														
St. Mawgan	817	70000	66022	34307	755//	03203	87628				817	70000	69022	34107	755//	03603	87628				817	00051	01	+				817	00051	01	+	+														
Silly	804	70000	81022	34808	755//	02301	87623				804	70000	81022	33908	755//	02706	87623				804	00061	00	+				804	00061	00	+	+														
Culdrose	809	60000	81012	34007	655//	04303	83624	86640			809	60000	82012	34106	656//	02603	86640				809	00040	54	+				809	00040	54	+	+														
Guernsey	894	43506	82030	32907	42400	05006	84815				894	43603	81030	34005	38402	03305	81816	83635		894	00051	51	+				894	00051	51	+	+															
Elmdon	534	10000	04420	33851	00901	51206	81075				534	10000	15104	34053	15500	53400	81626				534	00543	57	ff				534	00543	57	ff	+														
Cardington	559	73206	33054	33004	755//	02207	87627				559	52505	11101	33551	50930	51203	85359				559	00521	55	+				559	00521	55	+	fff														
Wittering	462	02708	14104	32800	00900	51104					462	02707	04460	33051	00900	51302				462	97513	53	ff				462	97513	53	ff	fff															
Watnall	354	02603	28040	33001	00900	01104					354	02805	11040	33601	00900	01500				354	97523	55	+				354	97523	55	+	ff															
Shawbury	414	72606	66021	33205	755//	03302	87624				414	72606	74021	33602	755//	01400	87625				414	00501	53	+				414	00501	53	+	+														
Finningley	360	02706	32041	32103	00900	01204					360	30000	32100	32201	00901	01501	83080				360	00503	53	+				360	00503	53	+	f														
Kilnsea	396	12814	57031	31503	00901	02205	81075				396	02918	57020	31603	00900	02400				396	00020		+				396	00020		+	+															
Leeming	257	00000	74020	31701	00900	50104					257	70000	61041	32301	755//	51202	87626				257	00511	56	+				257	00511	56	+	+														
Tynemouth	262	02715	81020	30405	00900	03207					262	52811	74021	31305	556//	04102	85645				262	00041	01	+				262	00041	01	+	+														
Carlisle	222	42905	69031	31603	45600	03207	84645				222	70000	69021	32105	755//	04301	87627				222	00031	51	+				222	00031	51	+	+														
Valley	302	70802	74032	33405	785//	03203	81800	86624			302	40000	80011	33206	45500	04601	84626				302	00041	51	+				302	00041	51	+	+														
Ringway	334	61805	20041	32703	655//	02102	86625				334	82006	28042	32904	855//	03500	88622				334	00021	01	+				334	00021	01	+	+														
Squires Gate	318	73007	62022	32507	756//	05302	87643				318	72808	70022	32608	756//	00601	87638				318	00061	04	+				318	00061	04	+	+														
Ronaldsway	204	33205	84011	33004	28502	01305	81822				204	62702	84011	32706	655//	03602	82624	86635		204	00031	51	+																							

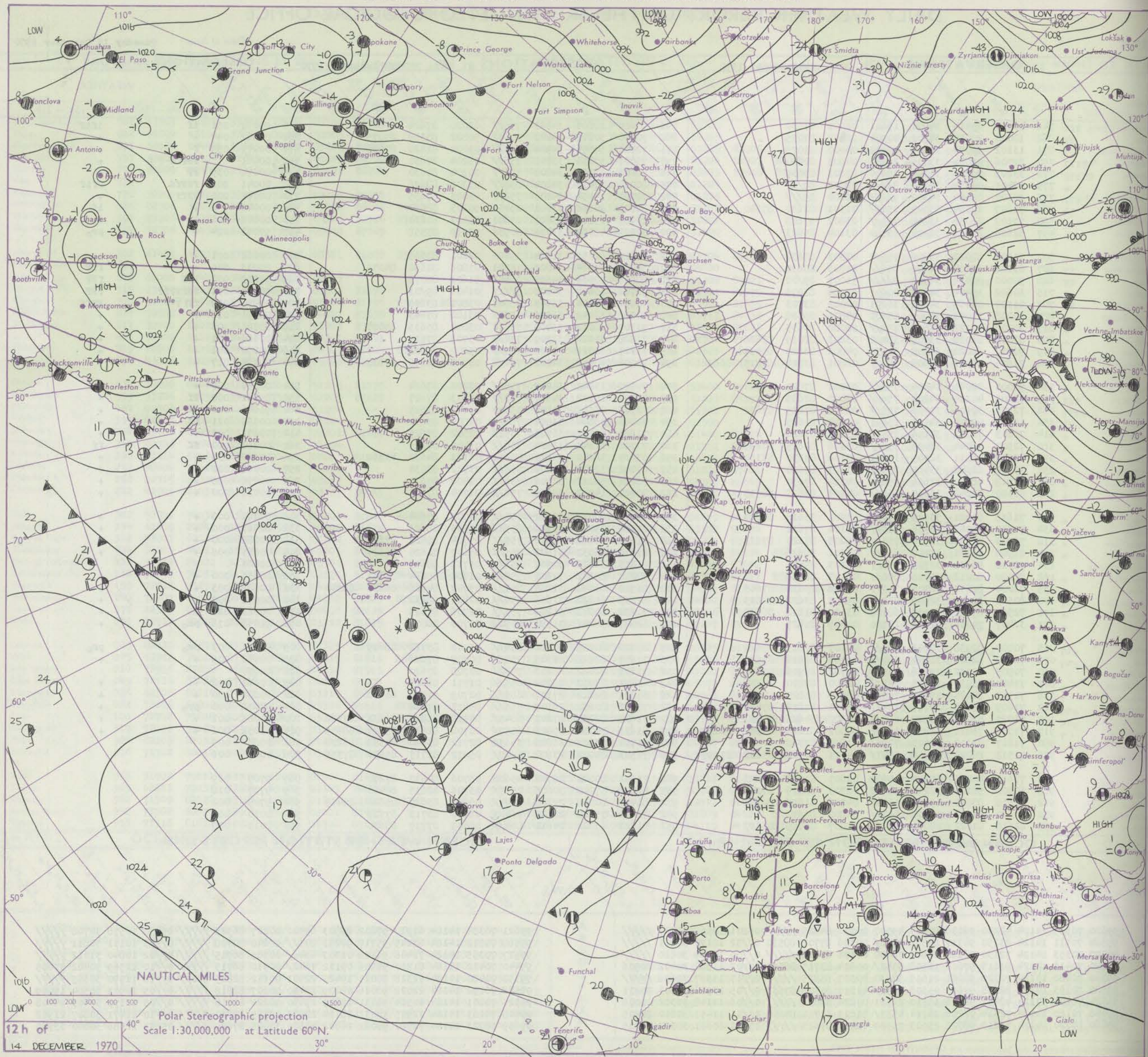
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39835

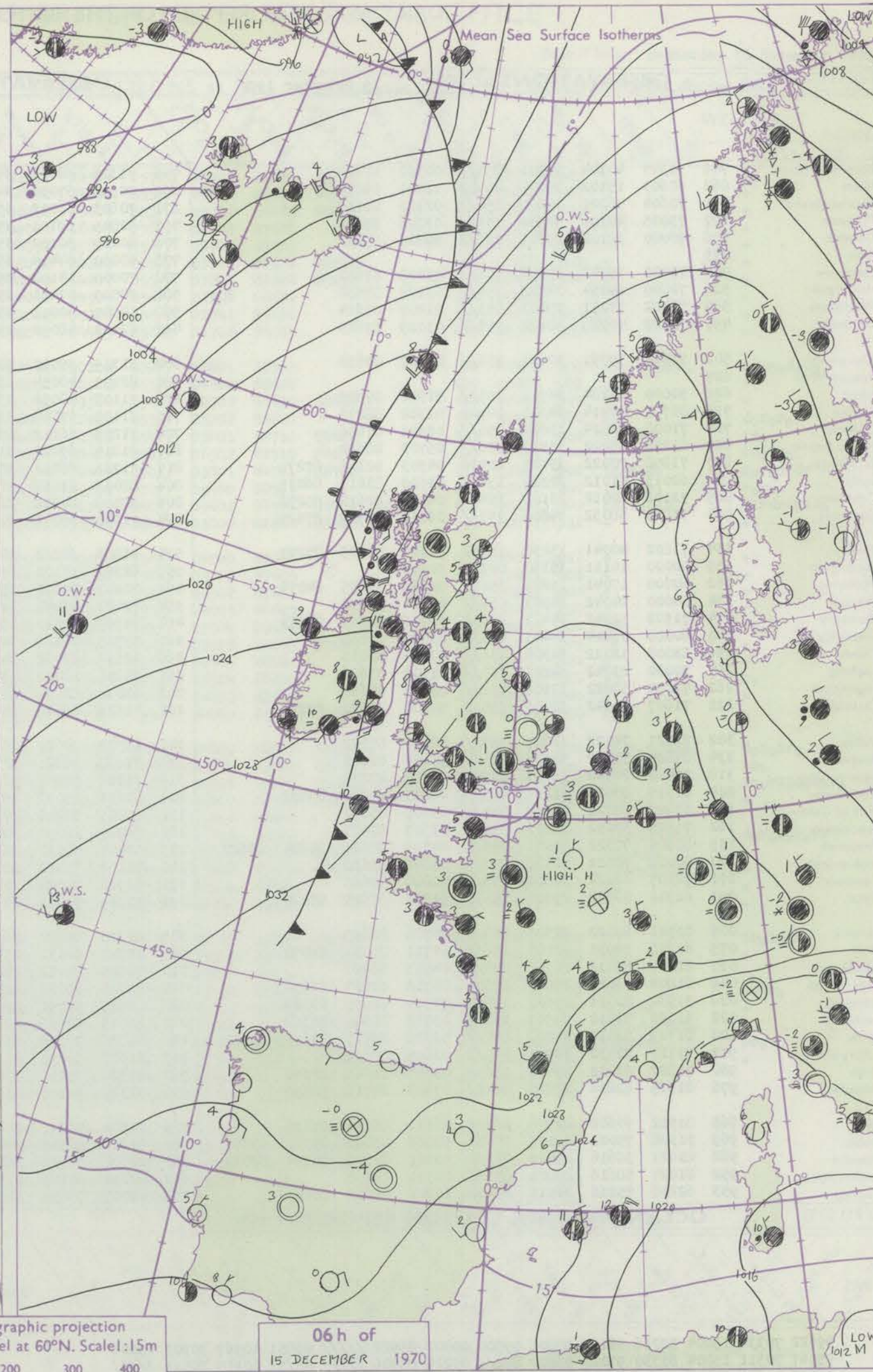
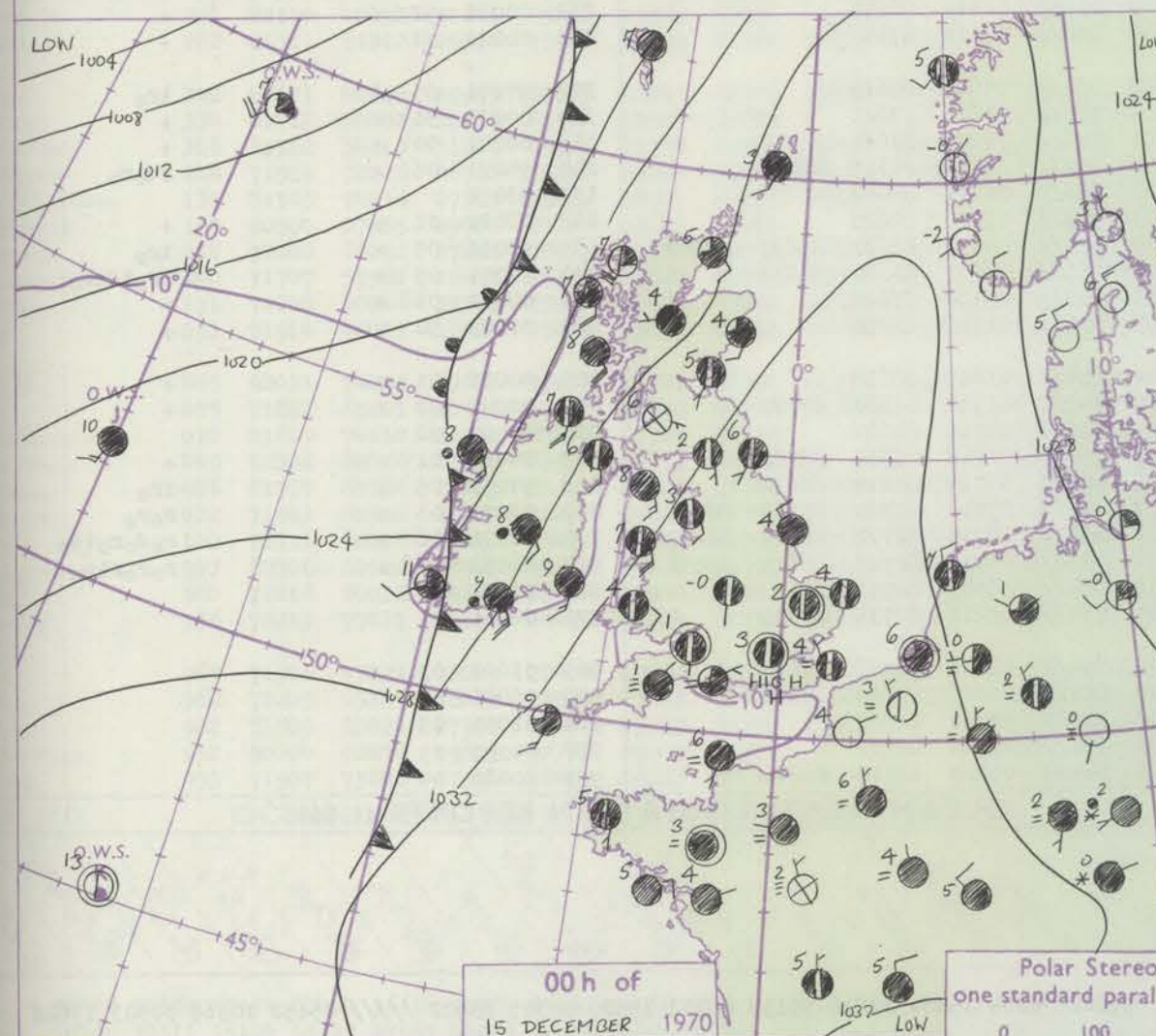
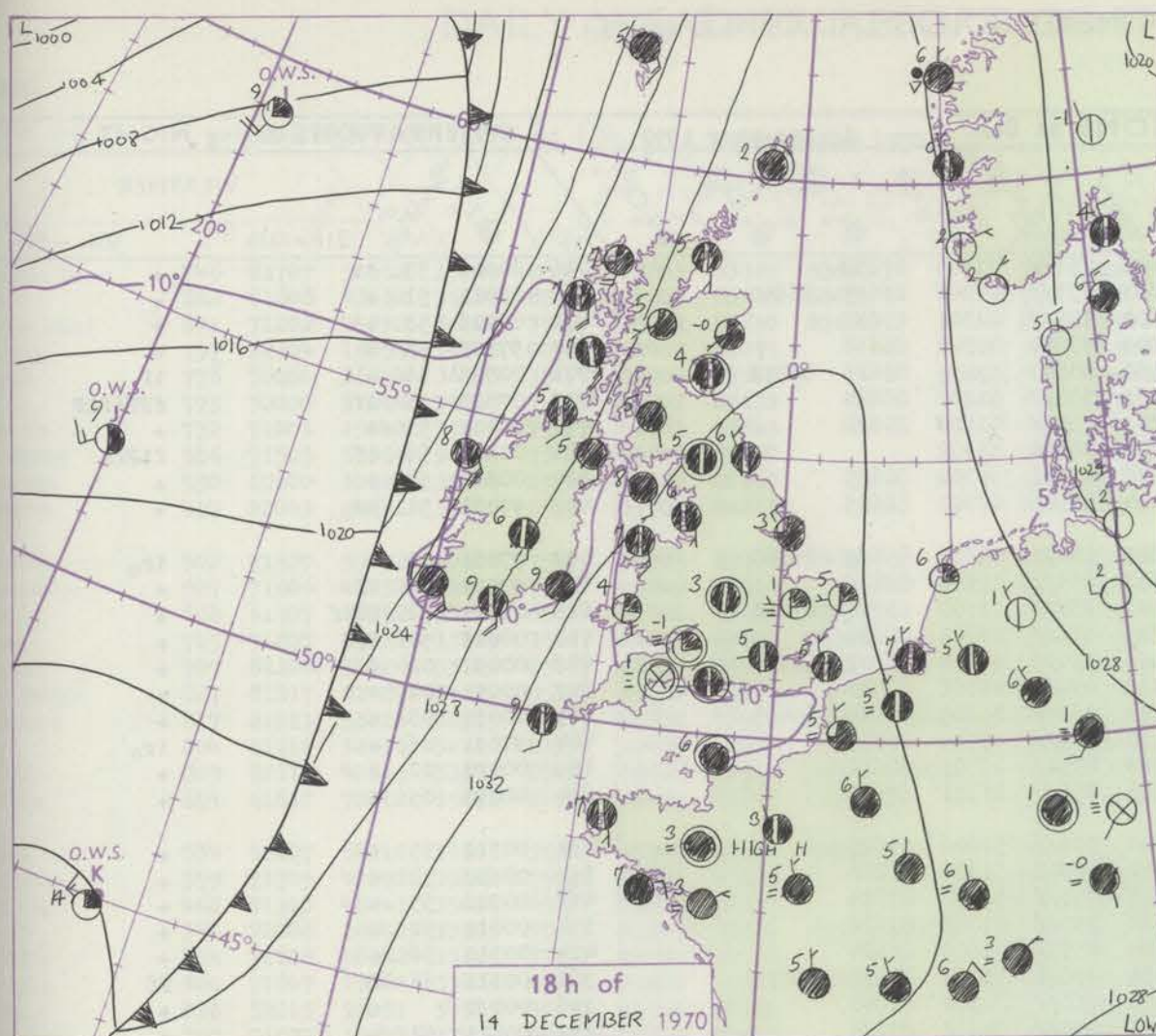
Date of Issue Tuesday 15 December 1970

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		14 December 1970										14 December 1970																			
Station		iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h L _h C _M CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR T x E	SSS	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down		746	10000	05414	34801	15601	01000	81630			746	70000	28104	34503	755//	02000	87624			746	00061	051	1f		1f1F						
Hurn		862	10000	20054	34703	00901	02802	81075			862	70000	30111	34201	30942	50802	83359	87075		862	00061	047	+		+						
Thorney Island		071	13102	32054	34805	00901	04000	81075			071	70101	50051	34904	785//	03004	81820	87628		071	00071	053	f		+						
Manston		797	22706	23044	33305	25600	04803	82630			797	73207	37051	33705	756//	03204	87630			797	00061		FFFF Ff		+						
Gatwick		776	33203	36284	34305	35600	03801	83635			776	70000	18111	34801	756//	00104	87630			776	00071	035	FF		+						
Kew		775	92401	01434	34102	9////	02802	89////			775	80000	07414	34204	855//	03302	88626			775	00041	000	fFFFF		ff1f						
Heathrow		772	92302	00454	34302	9////	02000	89////			772	72701	14054	34205	756//	03003	87635			772	00051	000	FFff		+						
Honington		586	72809	20054	33303	756//	01101	82630	87640		586	32705	20101	33401	25701	50203	82650			586	00041		+		1f						
Wattisham		590	73107	26051	33104	755//	03802	87628			590	12903	15101	33601	15601	01103	81630			590	00041	000	+		+						
Gorleston		497	52606	28051	32204	55500	03104	85623			497	32707	48051	33005	30930	03210	83358			497	97061	024	+		pro						
Aberporth		502	71507	82022	33906	756/2	03303	87632			502	31410	62051	32904	35600	02201	83635			502	00061	001	+		+						
Ross-on-Wye		627	83001	17104	34601	856//	51803	88630			627	50000	04464	34001	15601	01806	81630	84075		627	00033	000	+		fff						
Filton		628	90000	00494	34951	9////	51001	89/00			628	20000	00464	34551	00901	51601	82075			628	97013	000	FFf		fff						
Rhoose		715	10602	15404	34303	00901	02000	81075			715	90702	00454	34101	9////	01400	89/01			715	97051	031	fFFFFf		fff						
Chivenor		707	41104	04464	34603	36201	02002	83703			707	40906	04424	33603	35601	03801	83645			707	00051	009	iff F		FFff						
Mount Batten		827	50203	21041	34607	55600	04803	85638			827	71107	32042	33906	756//	03102	87643			827	00091	015	+		+						
St. Mawgan		817	70000	78022	34508	756//	02000	87635			817	71309	66012	33405	55602	03802	85635	85070		817	00081	003	+		+						
Scilly		804	52005	81022	33709	38402	03803	82819	83628		804	71809	74022	32309	754//	03703	87619			804	00101	031	+		+						
Culdrose		809	70000	66022	34208	3553/	04802	83625	85359		809	71305	80022	33308	755//	05000	87628			809	00090	001	+		+						
Guernsey		894	71605	56051	34408	783//	06801	83707	83815 86632		894	70000	40052	34008	784//	03004	81816	87633		894	00081	017	+		+						
Elmdon		534	70000	22041	34304	755//	03001	87624			534	70000	13042	34203	755//	02202	87624			534	00051	000	+		+						
Cardington		559	72605	40104	34204	756//	03000	87635			559	72504	19102	34504	755//	03303	87627			559	00051	000	Ff		+						
Wittering		462	72707	32104	33703	755//	02001	81625	87630		462	32703	23101	34102	35500	01103	83625			462	91041	000	+		+						
Watnall		354	12703	05044	34104	15601	01104	81635			354	70000	19044	33904	756//	01802	87634			354	00051	021	ff		+						
Shawbury		414	72303	70032	34106	755//	03105	87626			414	71802	56042	33705	755//	02502	87625			414	00071	000	+		+						
Finningley		360	72902	06044	33405	755//	03106	84625	87635		360	70000	11044	33404	756//	03400	87635			360	00061	000	ff		ff						
Kilnsea		396	43212	48011	32405	15631	03106	81630	83360		396	63009	32041	33103	45671	02103	84630	83360		396	00070	035	+		+						
Leeming		257	73102	62042	33405	756//	03107	87630			257	81002	32042	33304	856//	03702	88634			257	00061	000	+		+						
Tynemouth		262	72908	48042	32606	756//	04110	87630			262	73004	58022	32906	756//	02400	87630			262	00071	000	+		+						
Carlisle		222	80000	32042	33305	855//	04105	82625	88635		222	70000	14042	32505	756//	01704	87632			222	00071	000	+		+						
Valley		302	71613	80021	33208	754/2	05001	83616	87624		302	71415	80012	32107	755//	04707	87624			302	00081	000	+		+						
Ringway		334	70000	30042	33706	755//	03104	87622			334	81504	25042	33306	855//	01603	88623			334	00061	000	+		+						
Squires Gate		318	71904	40042	33507	755//	05205	81620	87631		318	71405	36042	32906	755//	05704	81627	87633		318	00081	000	+		+						
Ronaldsway		204	81906	86031	33007	855//	03001	88626			204	81610	86032	31608	855//	05607	81620	88624		204	00081	000	+		+						
Mull of Galloway		131	72310	86031	32705	756//	03103	87645			131	8181																			

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone which yesterday was centred over Biscay and is now over the eastern English Channel will move east and be centred over central Germany tomorrow morning. The cold front over western Britain will move east reaching

west Norway and eastern England in the next 24 hours becoming very weak in the south. By tomorrow morning, however, a warm front will be moving northeast near western Ireland.

Issued at midday Tuesday 15 December 1970

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

Code FM I.L.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		15 December 1970										15 December 1970										15 December 1970									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h	T _d app	8N _s Ch _s	8N _s Ch _s	8N _s Ch _s	iii	RRTE	T _g T _g	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	71307	40104	35301	755//	00302	87622			746	71305	58052	35002	756//	01504	87632			746	00001	53	1f		+							
Hurn	862	60603	15102	35001	00902	01001	86075			862	70902	57032	34603	755//	02606	83625	86640		862	00011	51	+		+							
Thorney Island	871	70604	56021	35604	756//	02103	87630			871	70803	61012	35804	756//	02301	87638			871	00011	53	+		+							
Manston	797	73005	40101	34904	756//	03206	87632			797	52805	19101	35901	55600	00304	85636			797	97503	53	+		+							
Gatwick	776	70000	32102	35601	756//	00205	87630			776	80000	30102	35951	55507	52400	85626	88275		776	00523	56	+		1f							
Kew	775									775	60000	04414	35351	655//	51202	86624			775	00533	56	1f		fFFf1f1F							
Heathrow	772	70000	35042	35303	756//	02105	87632			772	70000	14102	35301	755//	01602	87628			772	00001	53	+		+							
Honington	586	70000	14054	34802	756//	01108	87630			586	00000	07461	35400	00900	51302			586	00533	56	1f		f1Fff								
Wattisham	590	73402	17051	35003	755//	01207	87624			590	10000	40011	35403	15501	51301	81625			590	00511	57	+		+							
Gorleston	497	72802	40058	34404	755//	03109	87625			497	62402	48052	35004	65500	02102	86625			497	97031	51	pr _o		+							
Aberporth	502	71210	59051	32604	756//	02602	87630			502	51319	59052	30305	15631	04611	81630	85360		502	97031	02	+		ir _o							
Ross-on-Wye	627									627	82701	48054	33502	855//	01710	88625			627	97521	54	Ff		+							
Filton	628	70000	14284	34901	755//	51302	87627			628	71103	48052	33903	750//	01705	81700	87630		628	00521	52	FFff		+							
Rhoose	715	80703	07414	34301	00907	01302	88275			715	81110	57044	33205	856//	03805	88635			715	00011	50	FFf		+							
Chivenor	707	71008	50024	33604	756//	02601	87636			707	71207	56012	32506	3563/	04704	83642	86360		707	00031	02	+		+							
Mount Batten	827	81208	59022	33507	856//	05703	88630			827	81815	69032	33210	856//	06301	88640			827	00051	04	+		+							
St. Mawgan	817	71808	70022	33407	20938	04303	82365	87270		817	71711	66022	32208	2567/	05605	82645	85465		817	00051	03	+		+							
Scilly	804	62013	81012	32309	35402	04500	83619	86075		804	82013	81032	31110	855//	07706	88625			804	97091	06	+		ir _o							
Culdrose	809	72108	80012	33108	35406	06400	82618	85272		809	82008	80022	32109	855//	07705	88624			809	00070	02	+		+							
Guernsey	894	71819	58052	34608	753//	06102	85709	87625		894	71908	60052	34808	756//	03301	87634			894	00071	05	+		+							
Elmdon	534	71802	40041	35150	15538	51303	81625	87275		534	71803	60022	34301	755//	50606	87625			534	00511	55	+		+							
Cardington	559	00000	14111	35350	00900	50205				559	62302	17101	35551	00908	51500	86280			559	00533	58	+		+							
Wittering	462	60000	17041	35201	35601	00205	83635	84075		462	72103	59022	35202	755//	50400	87624			462	00503	55	+		+							
Watnall	354	60000	14042	34903	656//	01204	86633			354	72002	23042	34502	755//	01705	87626			354	00011	52	+		+							
Shawbury	414	71502	32042	34401	20938	50106	82365	87275		414	71905	32042	33004	6553/	01609	86624			414	00511	56	+		+							
Finningley	360	60000	05444	34401	656//	00303	86635			360	71705	28104	34151	45601	51400	84635	85075		360	00511	53	ff		ff							
Kilnsea	396	83008	32022	34304	856//	03606	88635			396	72312	63022	34505	756//	00101	87640			396	00030		+		+							
Leeming	257	70000	23042	34203	755//	01103	87626			257	71806	28042	33304	755//	50802	87625			257	00011	52	+		+							
Tynemouth	262	72004	58022	33106	756//	03400	87630			262	62011	61022	32104	00906	02610	86275			262	00031	52	+		+							
Carlisle	222	71607	50042	32702	15638	50500	81630	87270		222	71609	56042	30604	756//	01712	87630			222	00021	51	+		+							
Valley	302	71521	74022	31607	755//	04603	87622			302	81523	74022	29808	854//	05607	88615			302	97071	05	+		ir _o							
Ringway	334	81607	35042	34004	855//	51104	88622			334	71610	56041	32704	755//	51611	87621			334	00021	51	+		+							
Squires Gate	318	71408	20042	32903	00908	02400	87275			318	71412	56042	31703	756//	01608	87641			318	00021	00	+		+							
Ronaldsway	204	81715	80022	31208	855//	06803	84624	88630		204	81614	65032	29308	854//	06708	83711	88612		204	94071	06	+		rd _o r _o							
Mull of Galloway	131	81827	80022	28908	856//	05609	88640			131	81815	74022	27308	856//	06611	88640			131	93071											
Eskdalemuir	162	71905	37052	31803	755//	01503	87625			162	70000	28052	30003	755//	01809	87625			162	00021	01	+		+							
Prestwick	135	81505	70022	30306	855//	04705	82620	84624	88627	135	81407	68032	28207	855//	04710	82620	85632	88640	135	97051	05	+		ir _o							
Abbotsinch	140	80000	70022	30406	856//	03606	88630			140	71507	75022	28107	756//	04711	83630	87635		140	97051	05	+		ir _o id _o r _o							
Leuchars	171	72107	62022	30805	755//	02806	87628			171	71910	70022	28705	755//	03710	87628			171	00031	01	+		+							
Dyce	091	61911	70022	29704	15531	51709	81625	86070		091	31914	70011	27803	00901	02710	83070			091	00023	50	+		+							
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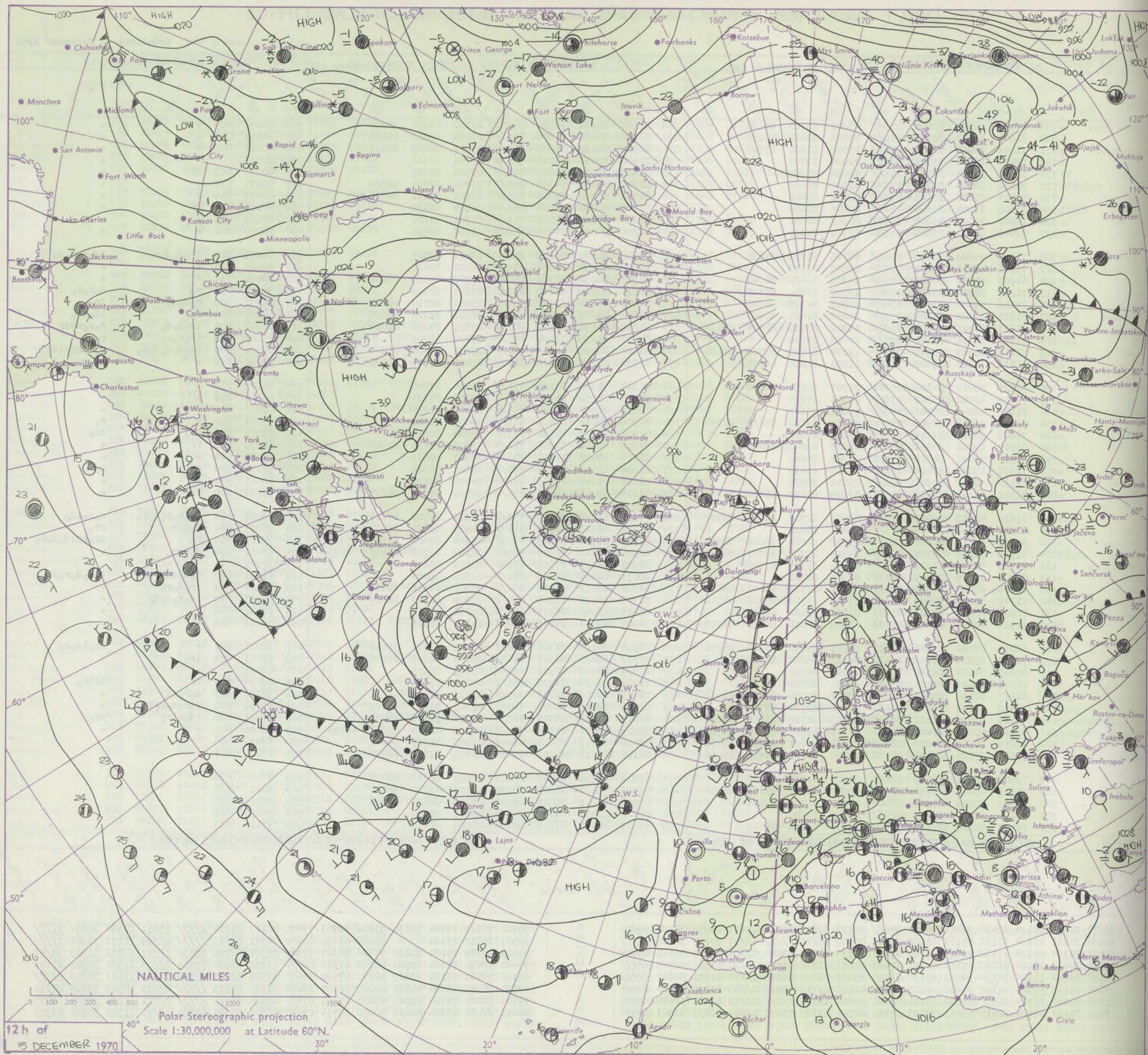
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39836

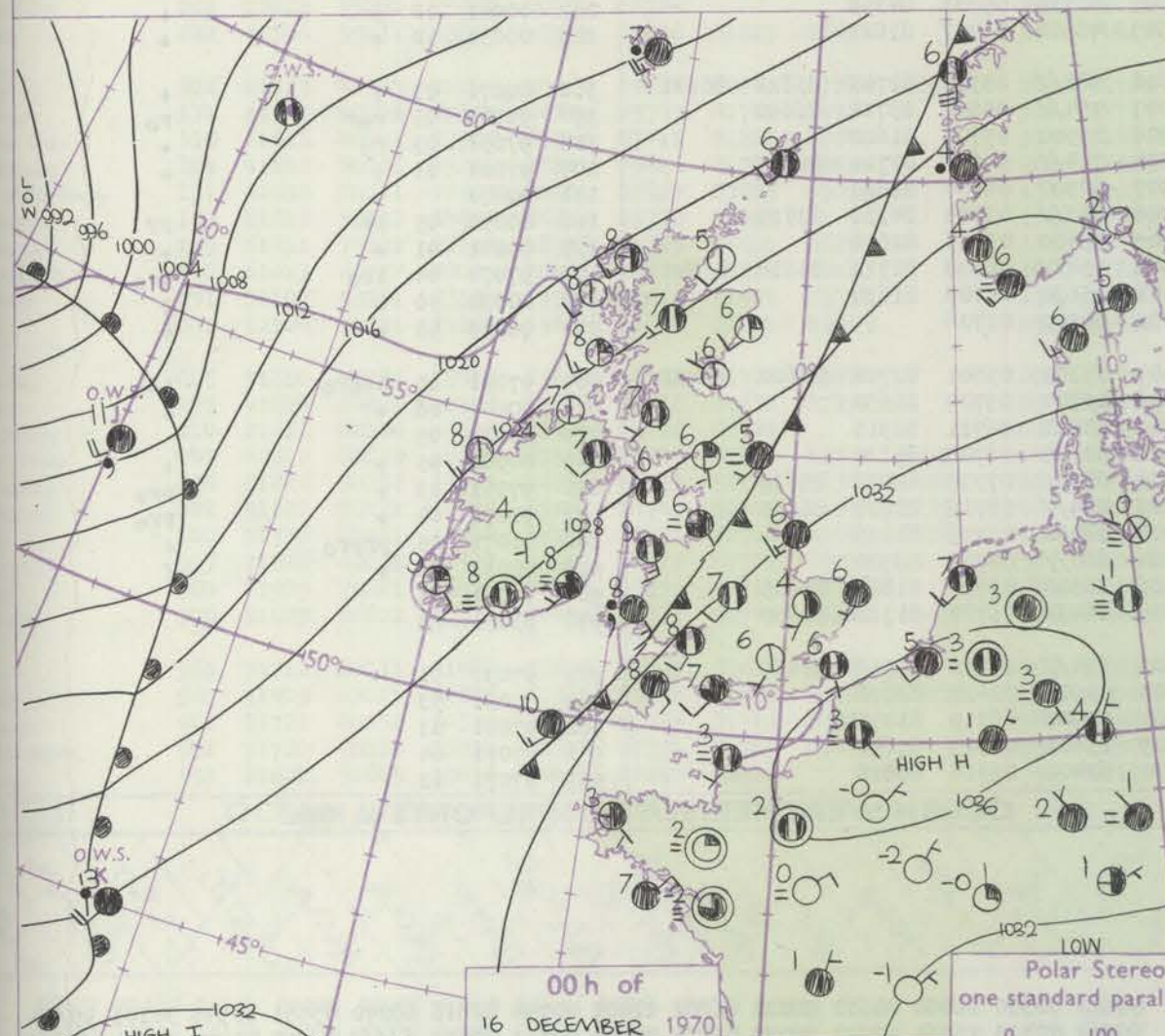
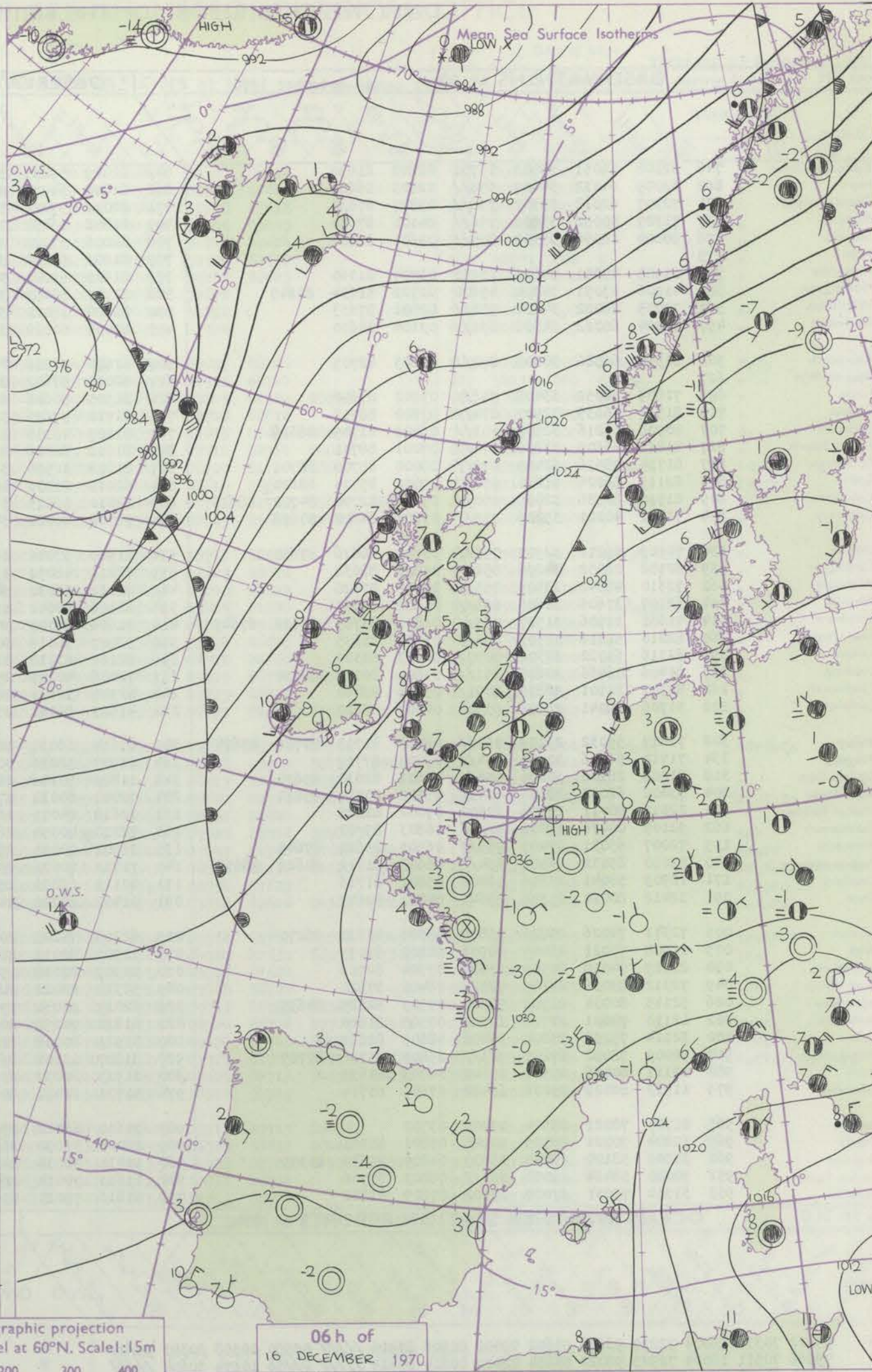
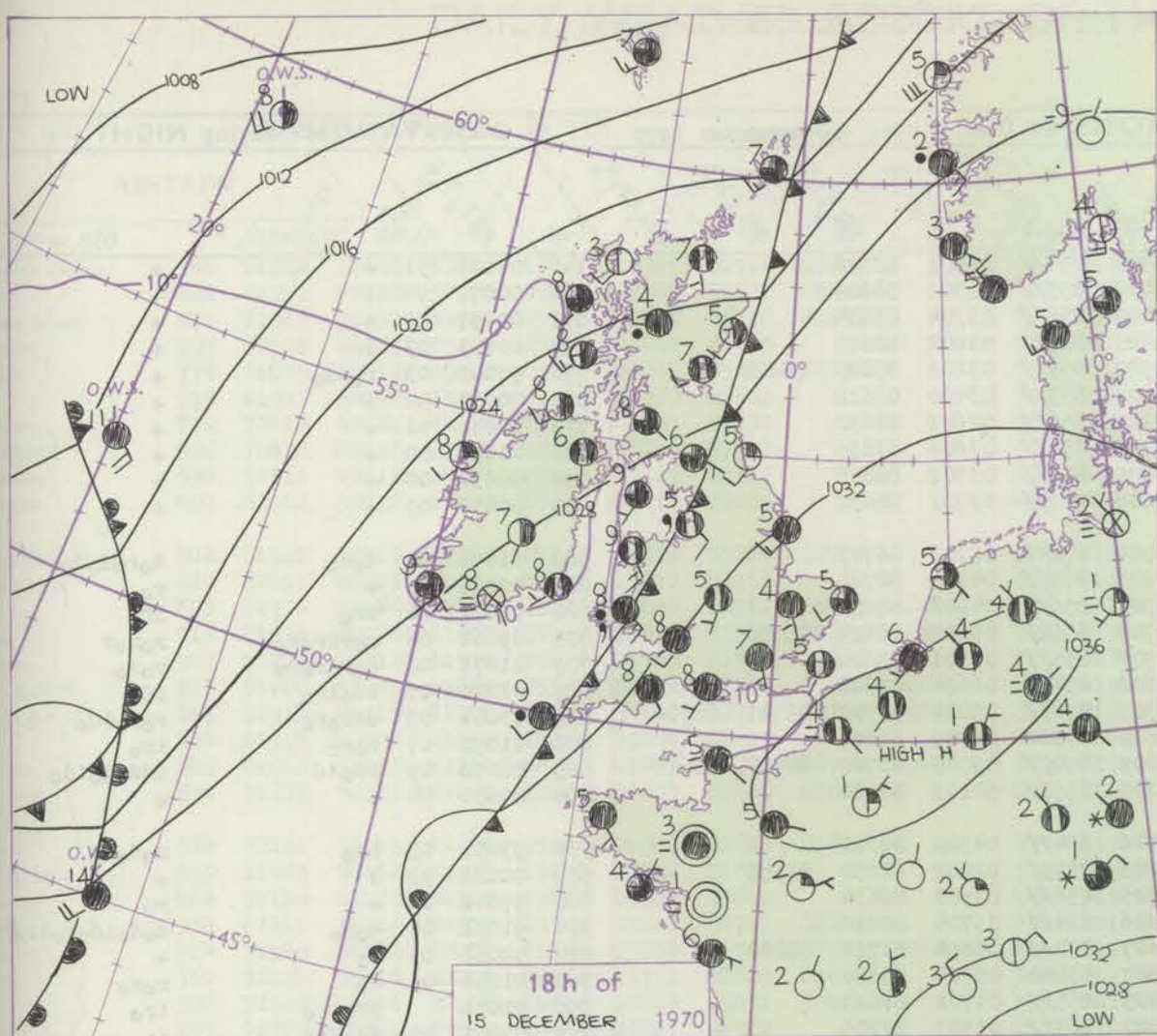
Date of Issue Wednesday 16 December 1970

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		15 December 1970										15 December 1970																			
Station		iii	Nddff	VVwwW	PPPTT	N _h Ch _h CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h Ch _h CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RTT ₊ E	SSS	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down		746	81707	50052	35105	855//	03803	83720	88630		746	32107	32101	34504	15701	03102	81650	83075		746	00071	000	+	+							
Hurn		862	81608	63032	35109	855//	05803	83625	88635		862	82106	56032	34608	855//	03004	85620	88630		862	00091	000	+	+							
Thorney Island		871	71202	44052	36406	756//	05002	83630	87640		871	82901	56052	35607	855//	05102	86629	88634		871	00081	000	+	+							
Manston		797	12404	19051	36705	00901	02000	81075			797	71902	57041	36005	756//	02701	87630			797	00071		+	+							
Gatwick		776	70000	36054	36703	756//	01004	87645			776	71602	34052	35805	756//	03002	87635			776	00071	013	1f	+							
Kew		775	70000	32044	35705	756//	01802	87632			775	81702	48052	34807	855//	03000	82624	88628		775	00071	012	+	+							
Heathrow		772	71403	25042	35905	756//	02801	87645			772	81705	30042	34807	855//	03801	83622	88632		772	00071	004	+	+							
Honington		586	71505	35054	35604	756//	00806	87630			586	81706	40052	34904	856//	01904	88630			586	00051		ff	+							
Wattisham		590	10000	30020	36004	15701	00802	81650			590	71606	32022	35305	756//	01701	87630			590	00051	041	+	+							
Gorleston		497	22003	58051	35607	25500	01703	82625			497	62208	58051	34405	65600	01708	86635			497	00070	062	+	+							
Aberporth		502	71520	59602	30808	7547/	08705	83712	87630		502	81516	32586	30008	872//	08801	88705			502	01091	000	1r ₀ d ₀ d ₀ d ₀	1d ₀ r ₀ d ₀ d ₀							
Ross-on-Wye		627	71906	48052	33607	756//	04809	87630			627	82108	48052	32508	855//	04802	88625			627	00081	003	+	+							
Filton		628	61907	28052	34207	655//	04802	81625	86640		628	81908	56052	33308	856//	04702	86630	88656		628	00091	011	+	+							
Rhoose		715	71207	57212	33407	3567/	06804	83640	87360		715	81911	58506	32808	855//	05302	88620			715	96081	000	r ₀	d ₀ r ₀ r ₀							
Chivenor		707	81106	58026	33108	854//	06803	84714	88626		707	81207	60606	32708	854//	05001	82710	88622		707	97091	000	r ₀ d ₀ d ₀	1r ₀							
Mount Batten		827	81817	62022	34309	855//	06002	81625	88640		827	81810	69605	33609	854//	06502	82710	88636		827	97101	000	d ₀	1d ₀ 1r ₀							
St. Mawgan		817	81813	56216	32909	6537/	08802	83708	85624	88460	817	81813	32596	32409	870//	09301	84701	88702		817	02101	000	1r ₀ d ₀ d ₀	r ₀ r ₀ dr ₀ r							
Silly		804	81912	32636	32110	873//	10000	88708			804	82012	32616	31109	872//	09400	88703			804	05101	000	1r ₀ r ₀ r ₀	r ₀ r ₀							
Culdrose		809	82115	40515	33809	852//	09104	83703	85707	88622	809	82012	30596	32309	850//	09602	84700	86704	88615	809	08102	000	1d ₀ d ₀ d ₀ d ₀ r ₀	d ₀ dr ₀ rr ₀ 1d ₀							
Guernsey		894	61812	72012	35808	11532	01003	81820	86075		894	31710	72012	34906	38402	01000	81816	83628		894	00081	012	+	+							
Elmdon		534	51807	58012	34305	35601	01707	83630	84072		534	71807	50042	33105	756//	04500	87640			534	00071	012	+	+							
Cardington		559	71705	40052	35504	756//	01804	87635			559	71910	28052	34306	756//	03703	87635			559	00061	000	+	+							
Wittering		462	71910	48041	35003	655/1	01805	86627			462	72011	28042	34005	755//	03502	87625			462	00051	006	+	+							
Watnall		354	72006	26042	33905	785//	01811	82820	85635	87656	354	81906	28042	32805	855//	04505	88629			354	97061	000	+	r ₀							
Shawbury		414	71808	56042	33105	755//	02806	87628			414	81506	28216	31706	855//	05504	88626			414	91071	000	1r ₀	1r ₀							
Finningley		360	71807	17044	33403	55601	01807	85640	85075		360	71606	40042	32005	756//	03503	82635	87648		360	00051	000	ff	+							
Kilnsea		396	52315	59031	34505	45631	01705	84640			396	82116	57032	32805	856//	02707	88641			396	00050	024	+	+							
Leeming		257	71507	13044	32404	756//	01807	87635			257	81609	12044	31005	855//	03504	88620			257	97051	000	+	r ₀							
Tynemouth		262	82110	48042	30805	856//	03810	88630			262	22012	32041	29305	25600	04608	82630			262	00061	000	+	+							
Carlisle		222	81511	61212	29506	7557/	03809	83620	85630	87645	222	61106	58046	28506	554/1	04400	81715	84635		222	97071	000	r ₀	+							
Valley		302	81621	40616	29909	872//	08806	82704	86706	88708	302	71617	61026	29109	752//	08302	86703	87624		302	03091	000	1r ₀ r ₀ r ₀ d ₀ r ₀	d ₀ r ₀ 1r ₀							
Ringway		334	81712	50042	32605	855//	01807	88620			334	81711	40046	30906	3562/	04705	83630	88460		334	93071	000	d ₀ d ₀ r	rr ₀							
Squires Gate		318	81512	34216	31205	855//	03708	82620	86628	88645	318	71511	28506	30005	6557/	05604	82620	83624	85635	318	94061	000	r ₀	1r ₀ r ₀ 1d ₀ d ₀ r ₀							
Ronaldsway		204	71916	70216	28710	752//	09804	83705	85707	87650	204	62106	70012	28309	56302	08302	81708	85713	86075	204	97111	004	d ₀ d ₀ r ₀	+							
Mull of Galloway		131	71925	74016	27109	754//	08004	86715	87640		131	31912	70011	27509	35600	07106	83640			131	97101										
Eskdalemuir		162	80000	07535	29703	870//	02805	8870																							

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over Biscay and northwest Germany has persisted, but the associated ridge of high pressure across the North Sea has moved east and collapsed. A cold front from Jan Mayen to southwest England has moved quickly east into Scandinavia in the north but has become slow moving over England, where it has now become a very weak feature. A deep depression off southeast Newfoundland yesterday morning

has been moving very quickly northeast across the Atlantic and is expected off east Iceland by tomorrow morning. By this time its associated warm and cold fronts, now off western Britain, will have crossed Scotland although the cold front is expected to become slow moving over south and southwest England.

Issued at midday Wednesday 16 December 1970

No. 3

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

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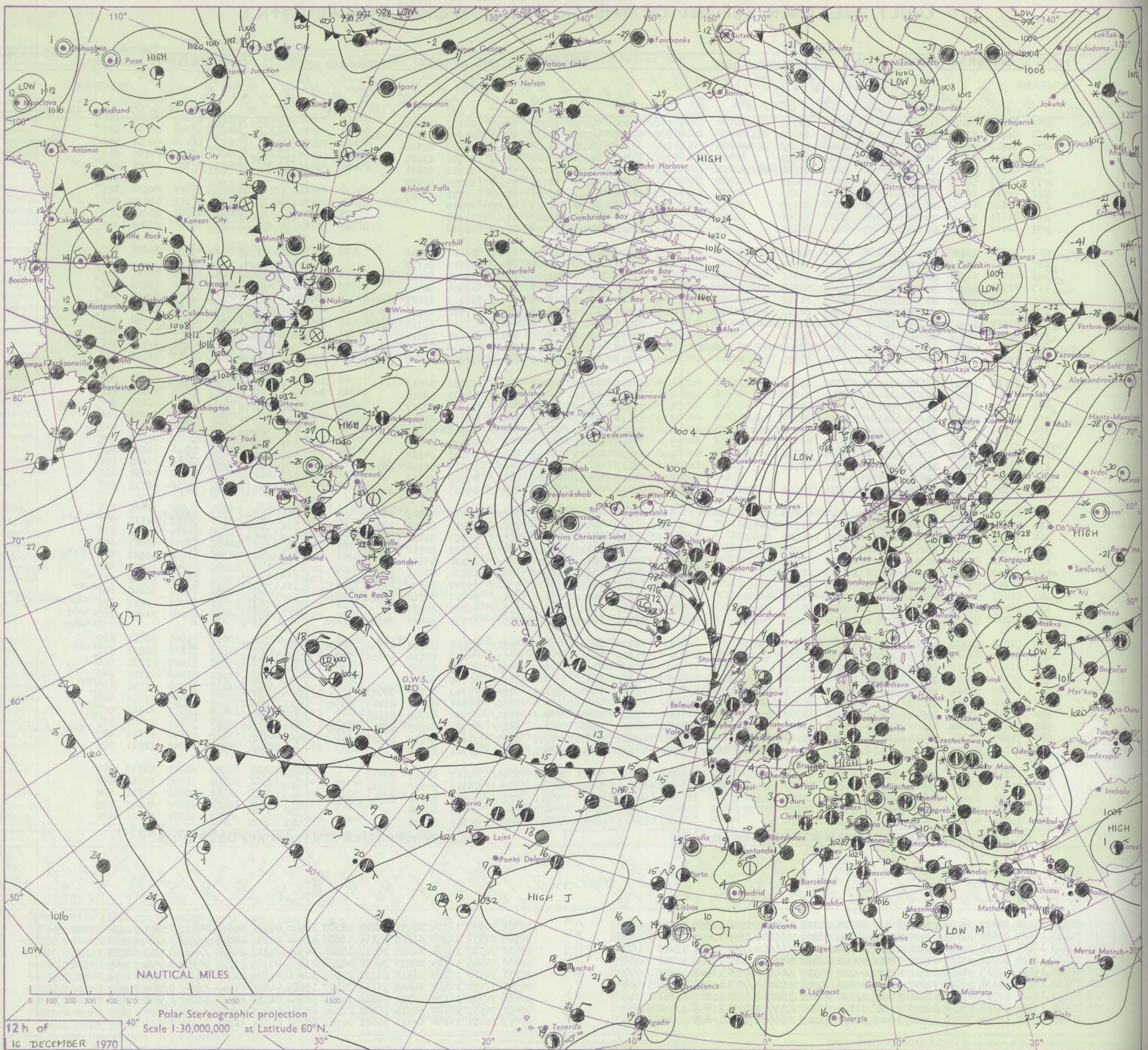
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39837

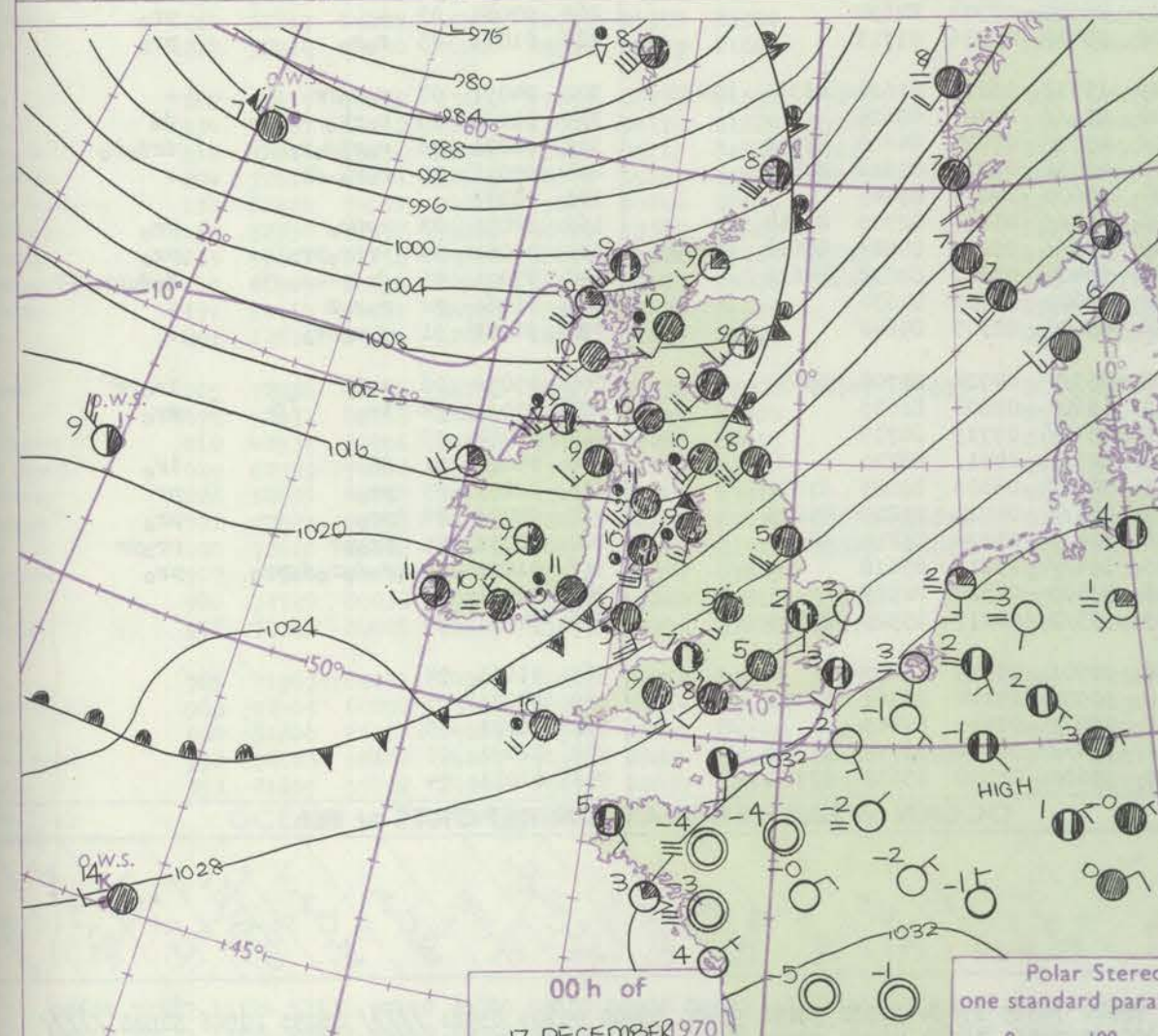
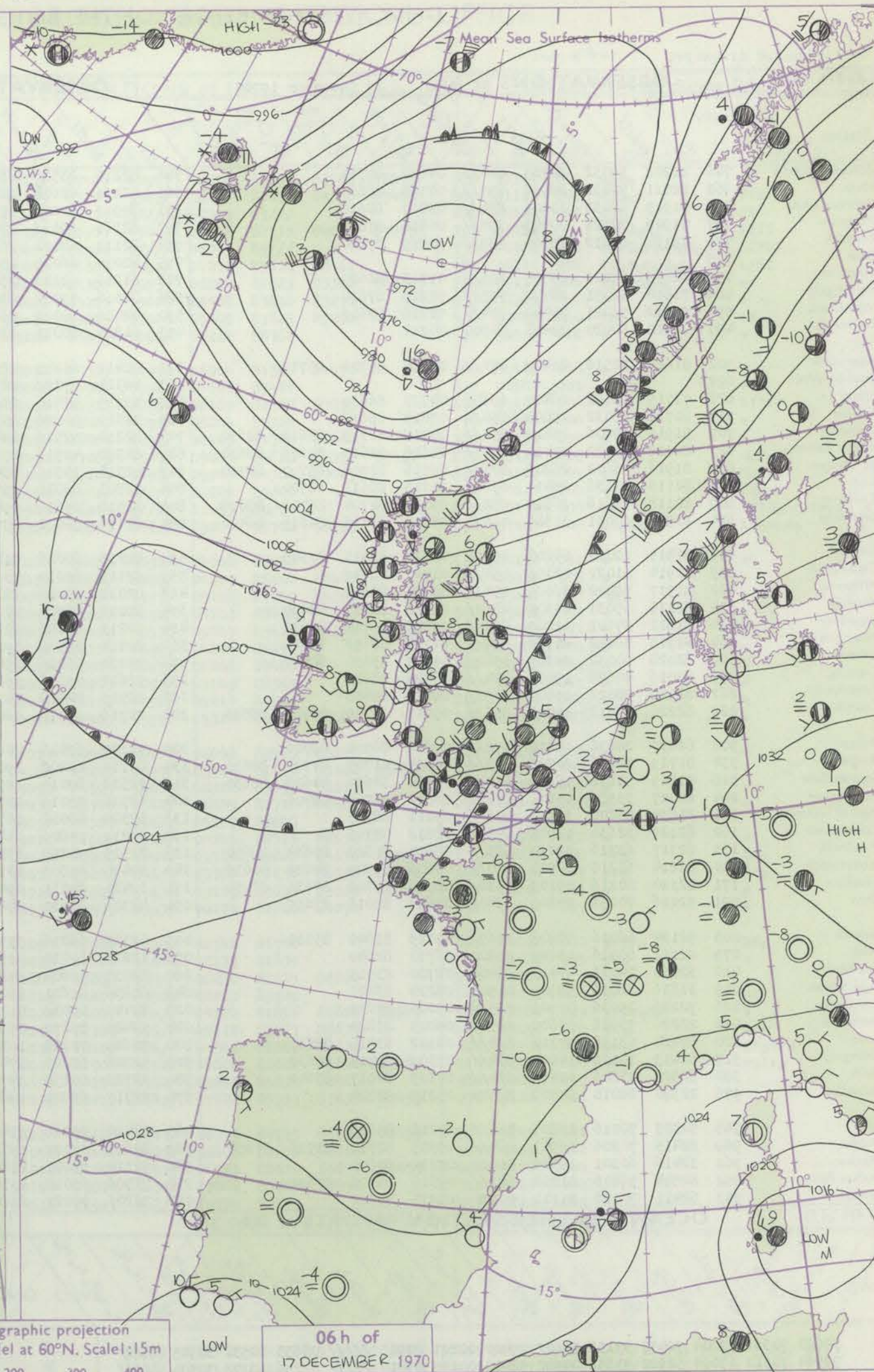
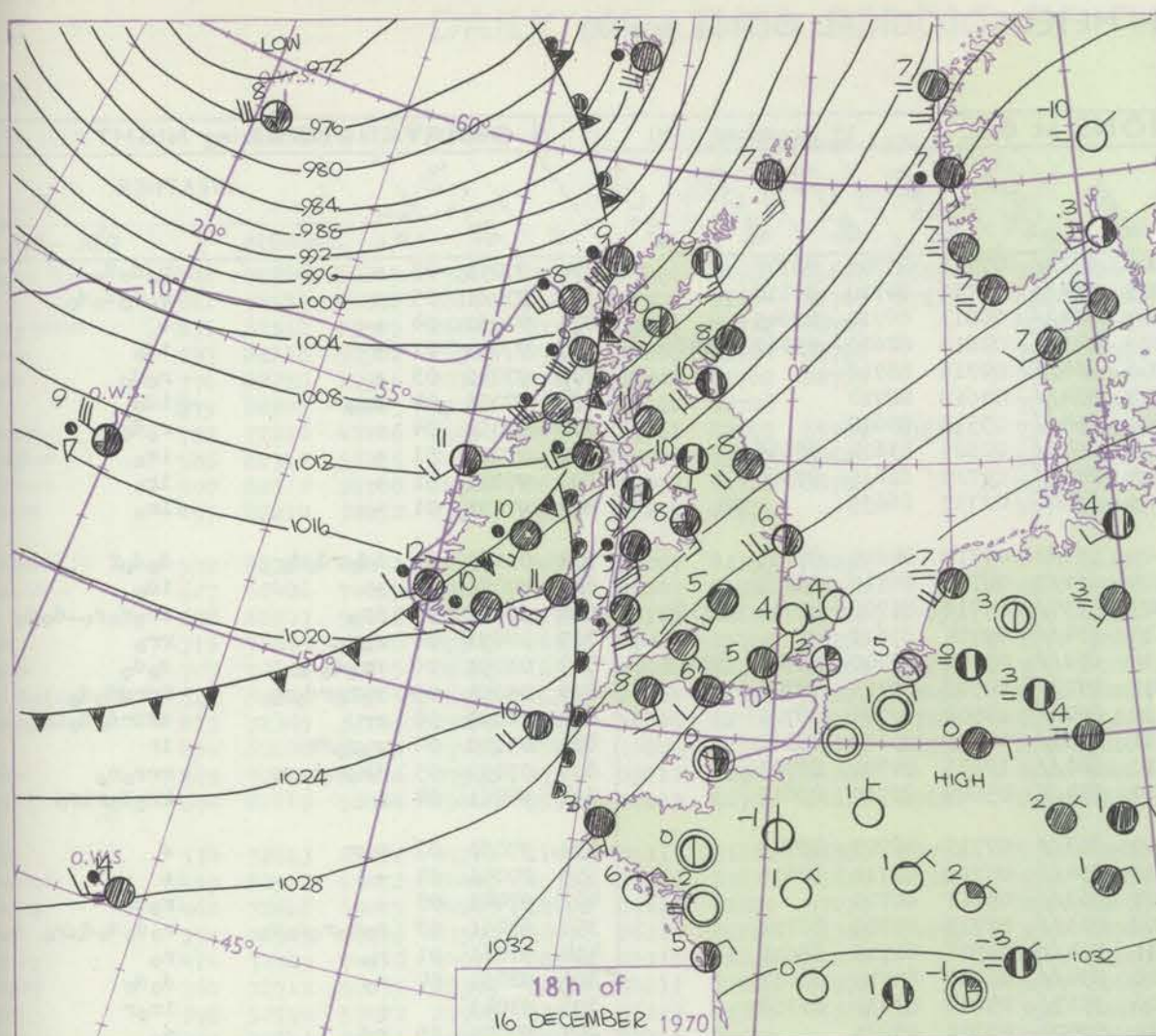
Date of Issue Thursday 17 December 1970

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		16 December 1970										16 December 1970																			
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																						09h.—15h.	15h.—21h.								
Boscombe Down	746	81812	61022	33406	854//	02709	82716	88621		746	81908	59052	31704	864//	02707	88714			746	00061	000	+	+								
Hurn	862	81711	67032	33707	855//	02809	83628	88638		862	81909	58022	32106	855//	01606	81622	88628		862	00071	000	+	+								
Thorney Island	871	81912	70032	34907	855//	01808	86628	88640		871	72211	59022	33206	754//	01608	87618			871	00071	000	+	+								
Manston	797	62008	66012	35207	656//	02810	86635			797	31806	66031	33602	00901	51706	83075			797	00071		+	+								
Gatwick	776	81809	63022	35006	856//	01805	85632	88636		776	71704	58032	33103	755//	51712	87624			776	00061	001	+	+								
Kew	775	81903	58052	33907	855//	02808	88623			775	71804	62022	32505	755//	50704	87622			775	00071	000	+	+								
Heathrow	772	72010	60022	34307	756//	02803	87630			772	81709	59022	32505	855//	50707	88625			772	00071	000	+	+								
Honington	586	72010	40052	33507	757//	03806	87650			586	01708	56051	32004	00900	50509				586	00073		+	+								
Wattisham	590	72111	48012	34006	755//	03807	87625			590	02009	58011	32303	00900	51712				590	00061	000	+	+								
Gorleston	497	62012	58012	33107	65600	03812	86635			497	02008	58011	32004	00900	02706				497	00080	027	+	+								
Aberporth	502	81521	32515	27908	872//	08812	85704	88708		502	81524	40515	24609	873//	08817	88706			502	01091	000	d _o d _o	d _o d _o								
Ross-on-Wye	627	82011	48606	31607	8042/	05806	88515			627	81507	48052	28707	864//	04713	88710			627	94071	000	r _o ir _o	+								
Filton	628	81710	58026	32207	854//	03806	82711	86625	88640	628	81714	40052	30007	864//	03809	82710	88713		628	97081	004	ir _o	+								
Rhoose	715	81514	60036	31607	854//	06806	83714	85625	88650	715	81912	59022	29707	854//	06708	88612			715	00081	000	+	+								
Chivenor	707	71207	60012	31508	754//	05705	81712	87632		707	81615	61205	28409	855//	07813	83625	88656		707	97111	000	+	d _o								
Mount Batten	827	81610	56025	32309	853//	08806	82708	85710	88625	827	81915	66022	29910	854//	07710	82710	88636		827	00101	000	+	+								
St. Mawgan	817	81914	40515	31209	850//	09603	82701	86702	88616	817	81819	56025	28709	854//	08710	81710	88630		817	92091	000	1d _o d _o d _o	1d _o								
Scilly	804	81914	48502	29610	872//	09804	88705			804	82019	66025	27510	854//	08610	88614			804	93111	000	1d _o	1d _o ir _o								
Culdrose	809	82015	56025	31110	6632/	09803	82707	86710	88460	809	81920	56025	29110	5542/	07706	82710	85622	88462	809	97101	000	1d _o d _o d _o	+								
Guernsey	894	71612	78022	34205	754//	01805	83618	87628		894	71811	65022	32306	754//	02505	85617	87625		894	00071	000	+	+								
Elmdon	534	72111	58215	31607	755//	04809	83625	87640		534	81916	59022	29005	854//	03713	88613			534	97071	003	d _o d _o r _o	+								
Cardington	559	21913	58051	32907	15630	03810	81635			559	81908	59051	31705	855//	02607	88626			559	00081	026	+	+								
Wittering	462	72116	61026	32307	756//	03808	87640			462	71916	59022	30405	754//	02709	87617			462	00071	006	+	+								
Watnall	354	82111	37216	30906	853//	05810	84707	88620		354	22114	58011	28205	15602	03815	81630			354	95071	000	rd _o d _o r _o	+								
Shawbury	414	71909	56042	30007	753//	05808	81706	86707	87625	414	71914	40202	26907	755//	05816	85620	87628		414	97071	000	+	1d _o								
Finningley	360	72114	35216	30007	755//	05712	82625	87635		360	61910	48042	27407	656//	03714	86633			360	96081	000	r _o	+								
Kilnsea	396	72318	48606	30906	5567/	05808	85630	87460		396	42324	66016	28506	4097/	03708	84360			396	97070	000	ir _o	+								
Leeming	257	81712	17041	27807	864//	05817	88712			257	82017	40042	24308	6647/	05717	86714	88360		257	00091	006	+	+								
Tynemouth	262	02012	19100	26807	00900	06714				262	82018	48041	21308	8097/	07729	88359			262	00091	035	+	+								
Carlisle	222	51705	59031	25808	48501	05818	81823	83635		222	71812	61028	20410	755//	07725	84622	87631		222	97111	042	pr _o	+								
Valley	302	81725	48505	26209	852//	09814	82703	87704	88615	302	81735	48586	22109	872//	09717	83705	88706		302	96101	001	1d _o d _o r _o	ir _o d _o r _o								
Ringway	334	61713	40046	29307	46331	05707	81708	84714		334	81715	50042	26207	853//	05715	83708	86710	88624	334	00081	001	+	+								
Squires Gate	318	61613	48041	27509	685//	07713	81825	86640		318	61616	45046	23708	655//	06717	82623	86636		318	97091	003	r _o	+								
Ronaldsway	204	41812	80031	25210	48301	09816	81706	83814		204	71926	61016	19911	754//	09622	82711	87616		204	97111	023	r _o	ir _o r _o r _o								
Mull of Galloway	131	61832	80031	22509	32501	07827	83825	83075		131	82050	66032	14810	856//	08730	88640			131	00101											
Eskdalemuir	162	81813	56102	24906	862//	05720	88703			162	82029	48636	18908	871//	07626	83702	88705		162	01081	000	r _o	r _o r								
Prestwick	135	61911	75022	23108	48536	05725	84820	86270		135	82027	70022	14411	35428	07747	81710	83642	86460	135	04111	017	+	ir _o rr								
Abbotsinch	140	61613	66022	23009	28401	04723	81712	86080		140	81820	65022	14411	854//	06741	82712	84620	88632	140	05111	023	+	ir _o d _o r _o rrrrrrdrdr								
Leuchars	171	32107	59051	23307	15531	05819	81624	83075		171	72121	68021	14310																		

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

The cold front lying from southwest Norway to Cornwall yesterday has moved away northeastwards. A depression over the central Atlantic has moved northeastwards to Iceland and an associated occlusion and cold front now lies from the Shetlands across southern Scotland to southeast Ireland. During the next 24 hours these

fronts are expected to move away eastwards and to be followed briefly by a weak ridge before a further frontal system approaches the British Isles from the south-west.

Issued at midday Thursday 17 December 1970

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

Code FM I.L.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		17 December 1970										17 December 1970										17 December 1970									
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M CH	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRR	T _g T _e	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	82208	59052	28705	864//	04620	88714			746	82215	28516	25508	872//	07711	83705	88707			746	97041	03	+		r _o d _o d _o						
Hurn	862	82011	70032	28908	855//	04720	88620			862	82111	62602	26009	854//	07712	84710	88618			862	97061	05	+		r _o r _o d _o d _o						
Thorney Island	871	81915	64032	30406	854//	03817	88616			871	81917	61022	27507	854//	06813	86710	88645			871	00051	04	+		+						
Manston	797	71909	70021	30703	755//	00816	87621			797	82111	66022	27905	2557//	02613	82620	85362	88466			797	97011	01	+		1d _o					
Gatwick	776	72110	62012	29805	755//	00819	87620			776	82112	62022	26906	864//	04719	88712			776	97041	03	+				r _o d _o					
Kew	775									775	82010	66022	25807	864//	05618	88710			775	97051	04	+				r _o d _o					
Heathrow	772	82012	68021	29505	855//	01713	88620			772	81913	62022	25807	854//	05518	88612			772	97051	04	+				r _o d _o r _o					
Honington	586	71810	50051	28702	755//	51819	87620			586	82016	59212	23905	854//	02626	83614	88656			586	91011	51	+				1r _o				
Wattisham	590	72012	56021	29402	754//	51718	87617			590	72016	58022	25204	2543//	02725	82615	87360			590	97011	51	+				1r _o				
Gorleston	497	01912	60020	29403	00900	00714				497	61820	60011	23705	65600	02737	86635			497	97032	01	+				1r _o					
Aberporth	502	81624	32516	21409	872//	08714	85705	88712		502	72412	61015	22509	755//	07214	84625	87656			502	01081	05	1d _o r _o d _o d _o				d _o d _o f				
Ross-on-Wye	627									627	82314	57022	22309	664//	08715	86710	88275			627	97061	04	+				1d _o				
Filton	628	71715	59052	26407	65608	04723	86639			628	72115	57616	23609	5737//	07712	81708	85711	87360			628	97061	06	1r _o				1r _o r _o r _o -d _o d _o			
Rhoose	715	81714	65032	25808	854//	07819	88612			715	72311	80026	23310	754//	09710	87613			715	02071	06	r _o r _o r				rr _o					
Chivenor	707	81916	58606	25810	854//	07718	82715	85618	88630	707	82210	57516	24410	852//	09501	83705	86708	88618			707	01091	06	rr _o d _o d _o				d _o d _o			
Mount Batten	827	82022	62022	27410	854//	08616	82613	84616	88630	827	82320	40516	25810	872//	10709	85703	88705			827	03091	09	r _o r _o r _o d _o r _o				R _o r _o d _o d _o				
St. Mawgan	817	81916	56602	26209	873//	09716	82706	85707	88710	817	82314	14516	25410	870//	10502	86700	88701			817	04091	08	rr				dr _o d _o d _o f				
Scilly	804	82118	40636	25410	6542//	10713	86611	88520		804	82803	63026	25711	5553//	11208	85620	88360			804	05102	04	r _o r _o rr				1r				
Culdrose	809	82118	28616	26810	852//	09714	84704	86708	88618	809	82518	25616	25410	860//	10605	84700	88703			809	07092	05	1r _o r _o r _o rr				rrr _o r _o				
Guernsey	894	61915	60031	30506	45470	03808	81713	84615	86460	894	82117	56022	28707	854//	05807	83710	88615			894	94061	04	+				1r _o d _o r _o 1r _o				
Elmdon	534	81915	62022	24805	25478	03824	82613	87365		534	82218	60026	21809	863//	07713	86707	88709			534	97051	03	r _o r				+				
Cardington	559	81914	61022	28105	854//	01723	88617			559	82115	62032	23607	854//	05719	85711	88615			559	00041	04	+				+				
Wittering	462	81917	58022	26504	854//	02725	88612			462	82018	59026	22107	863//	05517	88709			462	97041	03	+				r _o d _o					
Watnall	354	82116	59031	24305	2562//	03721	82635	88460		354	82213	40506	20108	863//	07715	86709	88712			354	95051	03	r _o d _o r _o r _o r _o				r _o d _o d _o d _o r _o				
Shawbury	414	81811	37602	22207	854//	05826	86712	88632		414	82213	67606	20611	854//	09506	81710	88613			414	97061	01	r _o				r _o				
Finningley	360	81915	56044	23706	854//	04725	86615	87633		360	82114	59506	19208	854//	06609	84710	88617			360	92051	04	r _o				d _o d _o				
Kilnsea	396	82028	60032	24105	3562//	03734	83630	88460		396	72330	66016	19406	3567//	05616	83630	87358			396	93041		+				1r _o r				
Leeming	257	82016	40626	19608	854//	06524	88613			257	52612	70016	16810	55500	03309	85625			257	97071	05	r _o d _o				r _o					
Tynemouth	262	82029	58022	15508	8092//	08726	88458			262	22715	74018	14710	25600	07502	82630			262	97081	03	+				pr _o					
Carlisle	222	82220	56612	14710	853//	09617	83709	86718	88630	222	22716	62018	16008	28400	05216	81713			222	01071	05	r _o r _o				pr _o					
Valley	302	81837	28636	18210	872//	09618	86704	88706		302	72620	69016	20609	15532	06216	81620	83360	87075			302	04091	07	r _o r _o rr				+			
Ringway	334	81719	50626	20706	853//	04833	81707	84709	88615	334	82110	60206	19808	855//	07301	88625			334	01061	05	r _o rr _o				dd					
Squires Gate	318	81815	50636	18809	854//	07724	82617	84622	88630	318	72512	60016	18908	4577//	07207	84650	87360			318	02071	06	r _o rR _o d _o r _o				dr _o d _o r _o				
Ronaldsway	204	82027	35586	15811	872//	10614	86703	88706		204	62516	75016	18709	12532	06213	81820	84365			204	95071	05	r _o r _o -dr				+				
Mull of Galloway	131	81834	63606	12910	875//	09111	88725			131	52327	78018	16709	55600	04214	85645			131												

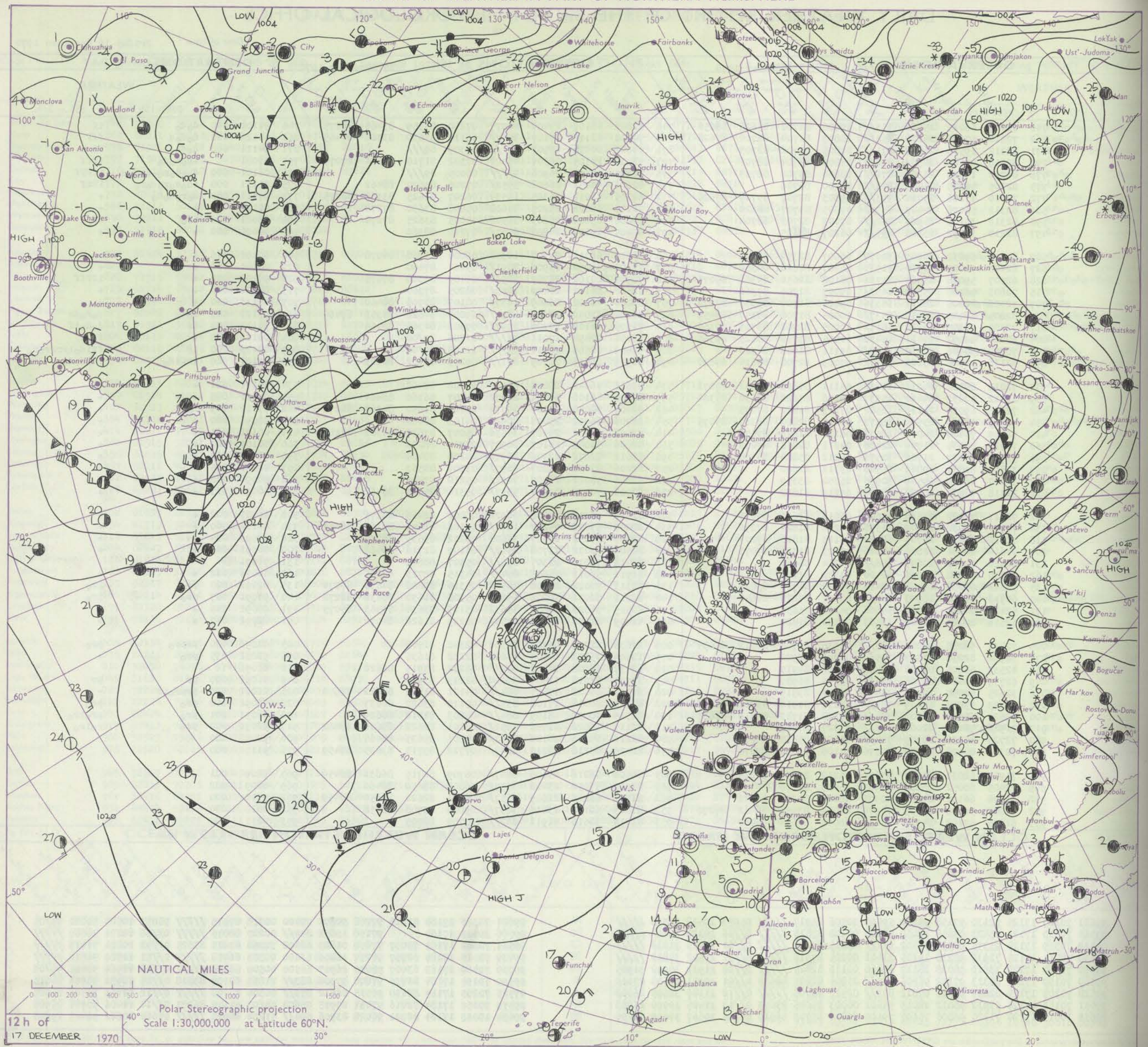
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39838

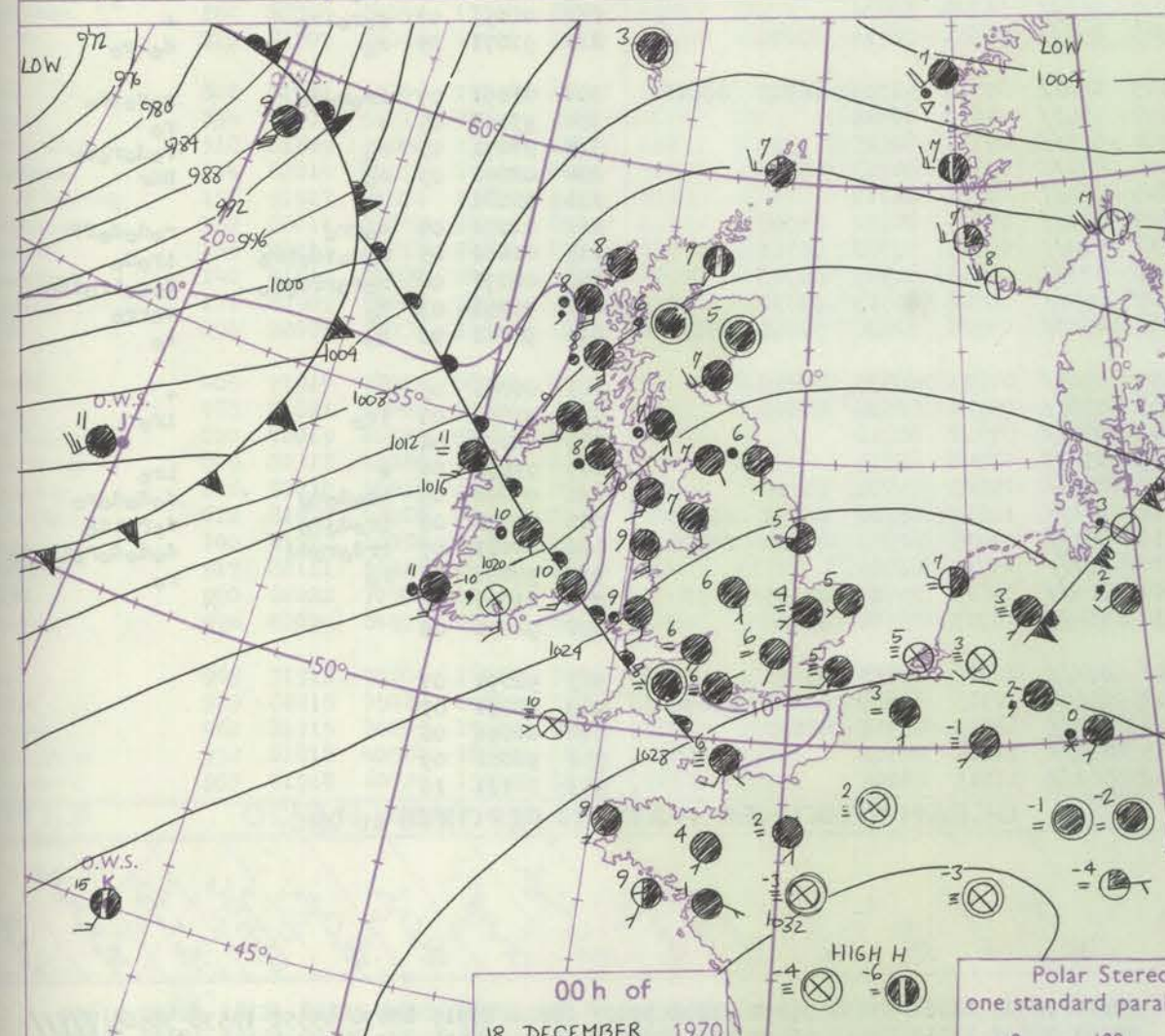
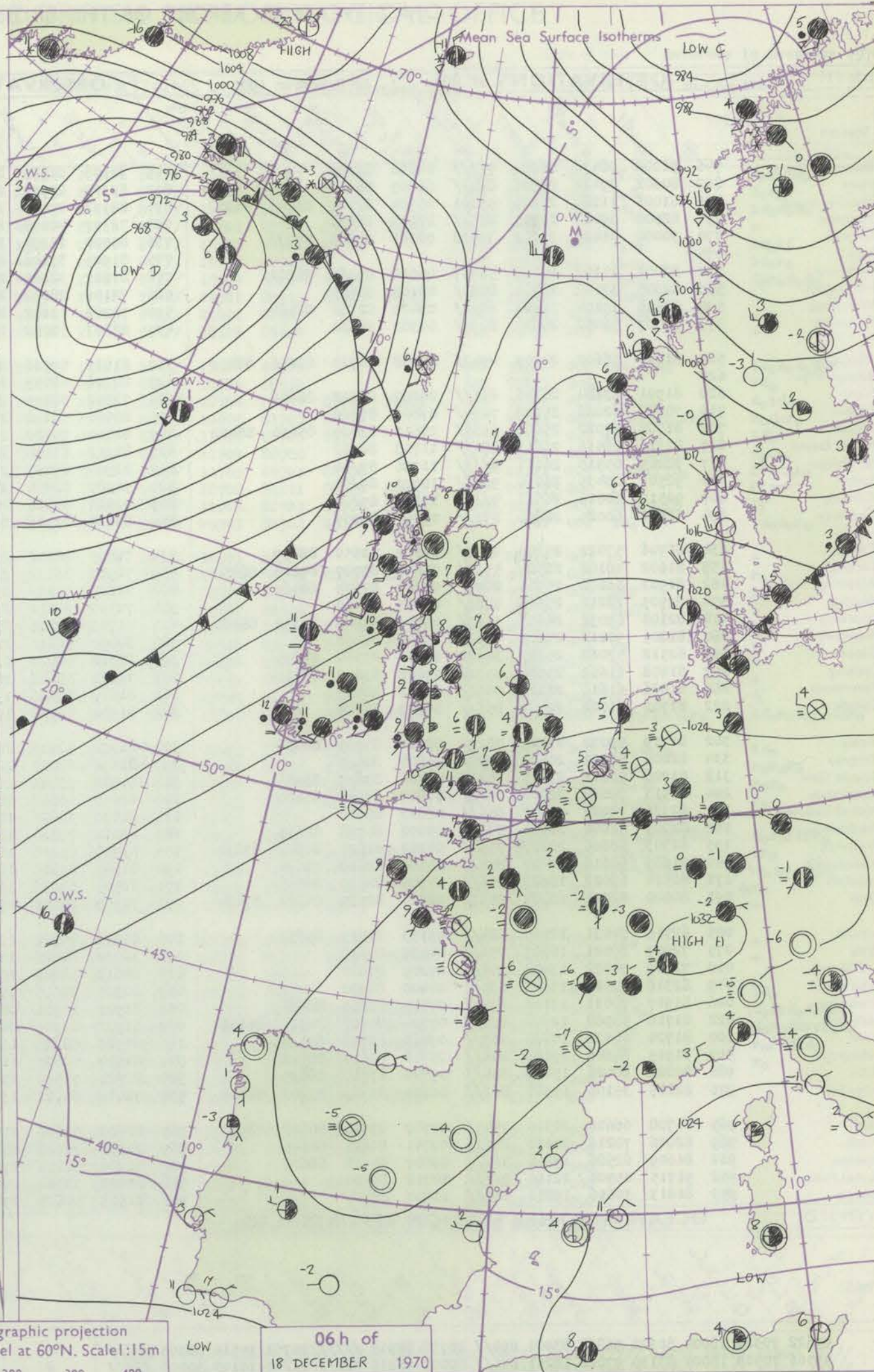
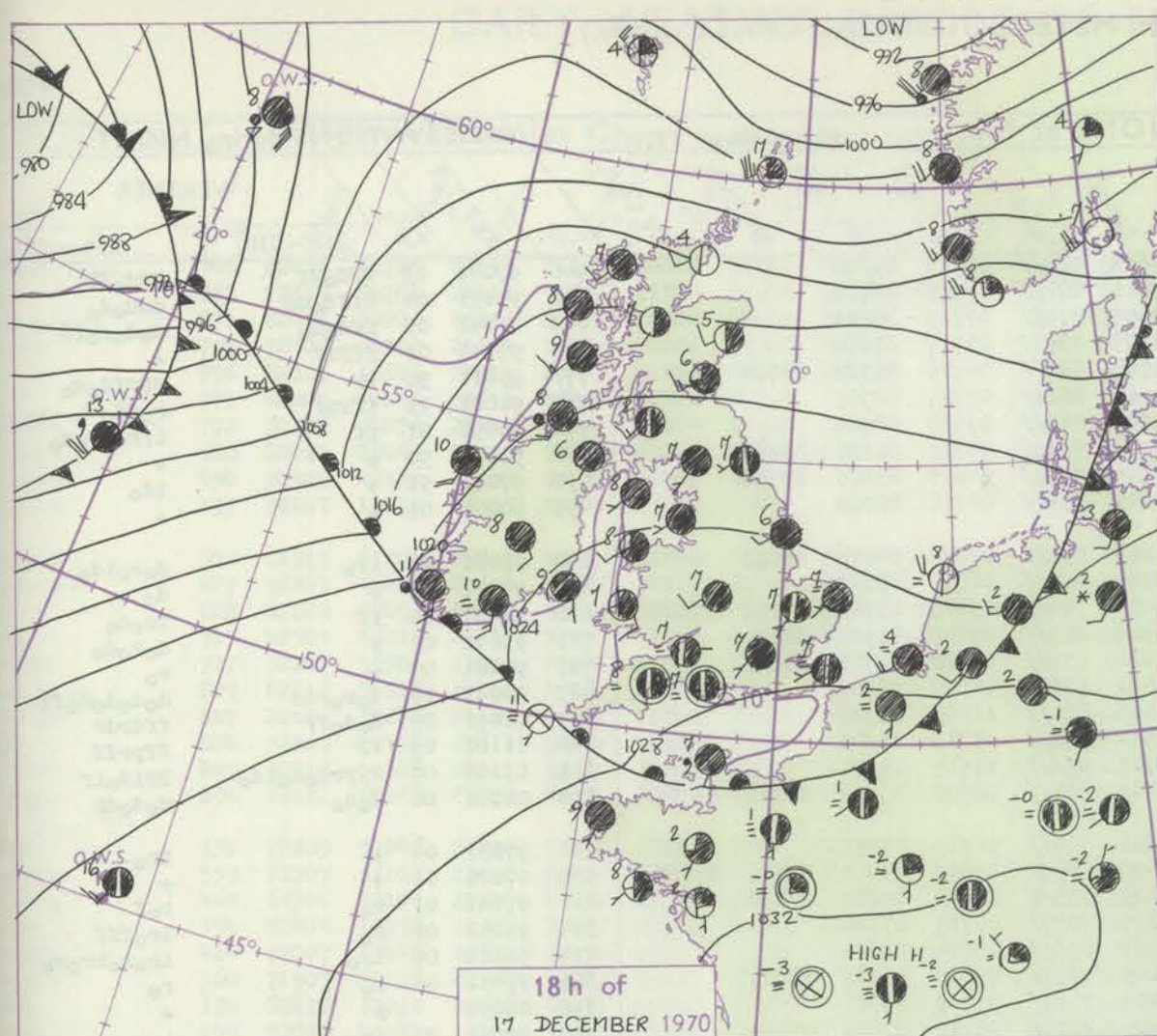
Date of Issue Friday 18 December 1970

Code FM II.D	OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
	17 December 1970										17 December 1970														
Station	ill	Nddff	VVwwW	PPPTT	N _h Ch _h CH	T _d app	BN _s Ch _s h _s	BN _s Ch _s h _s	BN _s Ch _s h _s	ill	Nddff	VVwwW	PPPTT	N _h Ch _h CH	T _d app	BN _s Ch _s h _s	BN _s Ch _s h _s	BN _s Ch _s h _s	ill	RRT x F	SSS	WEATHER			
																							09h.—15h.	15h.—21h.	
Boscombe Down	746	72709	66015	25610	753//	09000	84708	85628	86650	746	82801	48102	27407	60977	07210	83359	83465	88275	746	91101	000	dodo	1f		
Hurn	862	72510	50536	26111	752//	10803	81704	86706	87628	862	70000	12115	27107	35677	06110	83630	83360	87465	862	91121	000	dodod	fff		
Thorney Island	871	82312	19515	26609	871//	09806	83702	88703		871	93602	00475	27507	91111	07309	89111			871	94111	000	dodo	FF		
Manston	797	82116	50502	26507	872//	07803	83704	88706		797	72506	25105	26507	45402	07302	81710	84614	87075	797	97081		idododo	ifff		
Gatwick	776	82210	17516	26308	871//	08806	85702	88703		776	92305	00455	26906	91111	06005	89111			776	01101	000	do-doro-dodod	iffff		
Kew	775	82205	40215	25409	873//	09400	88706			775	82602	40052	26608	35527	07206	83620	88462		775	91111	000	idodoro-doro	1Fif		
Heathrow	772	72210	47206	25010	753//	09803	82707	85709	87620	772	82305	56012	26307	15537	06207	81625	83362	88275	772	97111	000	doro-dodo	+		
Honington	586	82312	56016	24409	853//	07305	85707	88620		586	72105	48022	25207	35608	05008	83630	87270		586	00101		+	+		
Wattisham	590	82312	30106	24907	862//	07003	82703	88704		590	72406	03414	25805	35508	05005	83625	87270		590	97081	000	iro	1f		
Gorleston	497	82210	32052	23808	865//	06207	88725			497	82405	19102	24807	80977	07210	88360			497	00090	000	+	+		
Aberporth	502	82311	69032	24909	30977	06007	82359	88275		502	51610	66012	25707	10972	06004	81360	84070		502	00101	016	+	+		
Ross-on-Wye	627	62406	70025	24810	11531	06207	81820	84360		627	71102	48052	25906	70917	05101	87460			627	00101	001	+	+		
Filton	628	62507	59016	25510	25731	08108	82650	85362	85075	628	70902	20102	26707	20931	06109	82360	87075		628	97101	000	+	iffff		
Rhoose	715	72603	56106	25509	16337	09007	81706	87360		715	72602	26102	26409	70937	08205	87360			715	00101	000	+	+		
Chivenor	707	72506	40105	26211	16336	09006	81707	83365	87272	707	80000	40102	26809	16377	08103	81706	88460		707	00131	000	+	+		
Mount Batten	827	82805	48105	26911	25377	10005	81708	83357	88459	827	70000	37052	27209	45577	09005	84628	84358	87460	827	95121	006	dodo	doro-dr		
St. Mawgan	817	72305	32105	27210	46177	10005	82702	83703	87360	817	71605	48102	27209	70977	09303	84360	87465		817	91111	004	1f	dodolif		
Scilly	804	60000	32052	27411	45470	11005	83710	84625	86360	804	92104	02454	27011	91111	11206	89700			804	00111	000	+	ff		
Culdrose	809	70000	50406	27310	25377	09111	81708	84360		809	92409	00505	26911	91111	11103	89700			809	02112	000	1F	ffidolrrrrro		
Guernsey	894	82116	58506	29108	75377	07003	82708	85614	87620	894	82315	20515	28709	87177	09203	85702	88703		894	97101	000	iridido	idododo		
Eimdon	534	72813	65022	24011	11432	05111	81818	83362	87072	534	82611	56042	26007	80927	04008	88462			534	00111	021	+	+		
Cardington	559	82512	59052	24410	45537	08106	83620	83630	85360	559	82506	48102	26005	80977	04207	86360	88464		559	00111	008	+	+		
Wittering	462	72608	69025	24110	18502	07113	81820	87075		462	82405	50042	25107	15777	05108	81650	84362	88272	462	97101	003	do	+		
Warnall	354	72509	58026	23509	28572	06215	82820	83362	85075	354	82706	56052	25007	80927	04103	88462			354	97091	000	+	+		
Shawbury	414	72409	74016	24010	28532	06110	81828	87072		414	72103	66032	25407	35538	05007	83625	84362	87275	414	00101	011	+	+		
Finningley	360	72712	58035	21909	22408	04211	82818	87272		360	82606	57042	24107	00907	04204	88270			360	00101	000	+	+		
Kilnsea	396	52714	58022	21708	32571	06212	83825	84360		396	82611	62022	23506	80977	04208	88460			396	00090	012	+	+		
Leeming	257	32813	82031	19809	25540	03311	82620			257	82206	82021	23207	80977	03309	88363			257	00091	015	+	+		
Tynemouth	262	32817	66020	19509	30930	05350	83359			262	72606	58021	21107	70917	05210	87459			262	00091	038	+	+		
Carlisle	222	32418	74030	20208	28504	05219	81822			222	82006	70031	22907	55577	05314	85629	88462		222	00091	023	+	+		
Valley	302	72617	74022	23610	15642	06012	81630	87075		302	62312	66012	24508	20928	06002	82465	86275		302	00101	002	+	+		
Ringway	334	72707	61032	23209	11536	04214	81824	87270		334	80000	57022	25207	15777	05106	81656	83360	88466	334	00101	000	+	+		
Squires Gate	318	72811	68031	22709	18406	06115	81818	87273		318	82507	65032	24507	35607	06212	83635	88270		318	00091	004	+	+		
Ronaldsway	204	72614	80031	22809	18506	05223	81820	87075		204	82407	72032	23708	25427	06109	81716	88462		204	00091	003	+	+		
Mull of Galloway	131	62420	74022	20607	65677	04214	86640			131	82418	78032	22307	85677	05307	88640			131	91091					
Exdalemuir	162	32730	82038	18206	38500	03322	83825			162	81911	59011	21605	85477	04315	82713	88635		162	00071	012	+	+		
Prestwick	135	52611	65258	19408	38464	05220	81714	83822		135	72313	70022	20908	48546	05310	82820	84636	87270	135	02091	000	pro	iro		
Abbotsinch	140	61913	81038	18508	68577	03127	83820	84640		140	82211	70031	20208	65677	05308	81630	86638	88272	140	97091	007	pro	iro		
Leuchars	171	52417	74031	14708	55																				

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPSIS DEVELOPMENT

The deep depression to the north of the Faeroes has moved steadily northeast and its associated frontal troughs have cleared southeast England and the North Sea. A further frontal trough, already into western Ireland and southwest England, will move steadily northeast across the British Isles during the next 24 hours. This

frontal trough, followed by further troughs reaching northwestern districts, is in association with an intense depression over the North Atlantic. This depression will become slow-moving near Iceland.

Issued at midday Friday 18 December 1970

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

Code FM II.D		OBSERVATIONS at 00h.										18 December 1970										OBSERVATIONS at 06h.										18 December 1970										OBSERVATIONS during NIGHT									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	iii	RR _n T _n E	TgTg	WEATHER																				
																															21h.—03h.	03h.—09h.																			
Boscombe Down	746	91208	00474	26904	9777	04808	89/00			746	92108	00505	24508	9777	08713	89/00			746	97041	03	FFdoff										FFdoff																			
Hurn	862	80602	09424	26906	8647	06805	88710			862	82312	25514	24811	8727	11711	88703			862	95051	04	FFfdodd										dddodo																			
Thorney Island	871	61001	11284	27605	55001	05702	82701	83645	86070	871	82102	04584	25607	8707	07713	88701			871	01041	03	ffddodo										ddodoroff																			
Manston	797	82508	09412	27705	8557	05203	88625			797	72107	40104	25605	7097	05717	87360			797	97041	01	ffFif										+																			
Gatwick	776	70000	01424	27702	30938	02001	83363	87272		776	80000	13284	25504	8617	04716	85702	88704			776	95011	50	FF									FFffddodo																			
Kew	775									775	81904	37104	24507	8627	07717	88705			775	91021	51	1FFFF										FFddodo																			
Heathrow	772	82001	14102	27106	50937	05000	85362	88272		772	81807	32104	24507	8627	07715	88705			772	93051	01	1f										FFddodo																			
Honington	586	82305	37102	26704	8092	03103	88465			586	72106	28102	24304	4573	04710	84656	86360			586	91031	50	+									1frddorodo																			
Wattisham	590	82605	19104	26904	8097	03400	82362	88464		590	72302	13102	24704	3573	04810	83656	87360			590	97031	51	+									+																			
Gorleston	497	82407	56052	25605	8097	04303	88360			497	82203	58052	23605	8097	04710	88360			497	00051	01	+										ido																			
Aberporth	502	81710	56602	24209	4542	08606	81710	83656	88459	502	81617	59586	21809	8547	09612	84714	88632			502	93081	07	1ro										+																		
Ross-on-Wye	627									627	82106	48055	23309	8557	08715	88620			627	97051	01	+											ddorido																		
Filton	628	81901	23184	26306	8517	06607	85702	88656		628	72202	37206	23909	7527	09606	83704	85706	87620			628	92051	05	ff									do																		
Rhoose	715	70000	62022	25908	7097	07807	87360			715	80000	58102	23908	8537	07609	81708	88620			715	93071	05	+										1rodo																		
Chivenor	707	81005	57022	25608	6537	07811	83709	85630	88462	707	81004	74026	24010	8547	09708	83712	88622			707	97081	07	+										ddorodo																		
Mount Batten	827	82316	28516	26611	8717	11703	88702			827	82312	11586	24811	8717	11609	88702			827	02091	10	ddorodd											ro																		
St. Mawgan	817	92209	05515	26111	9777	11706	89/00			817	81907	07465	24611	8607	11609	88700			817	02091	09	ddorodd											ddododoroff																		
Silly	804	92503	08435	26010	9777	10703	89/00			804	92309	02454	23911	9777	11713	89/00			804	02091	09	ddoff											ffdrdr																		
Culdrose	809	92512	00616	26511	9777	11503	89/00			809	92310	01506	24711	9777	11615	89/00			809	01101	09	ff											ffprff																		
Guernsey	894	82212	60025	28810	8727	09400	88705			894	82214	22516	27409	8717	08605	83702	86703	88705	894	03102	07	FFrrddodo											FFidoir																		
Elmdon	534	81706	57022	25206	2572	04812	82650	88459		534	71805	26102	23306	7577	06715	87656			534	02081	08	ddodo											ddoddr																		
Cardington	559	81602	48102	26504	5537	04802	83707	84620	88459	559	71907	48102	23905	4643	05816	84711	83650	87362			559	97051	04	+									iro																		
Wittering	462	81903	56602	25704	8097	04807	84359	88462		462	72109	40106	23405	7557	04615	84627	87656			462	00021	51	+										+																		
Watnall	354	82505	28212	25506	8082	05505	88457			354	72407	32212	22806	7097	05715	87360			354	97041	01	ro											rof																		
Shawbury	414	82108	69032	24807	1567	05713	81640	85358	88460	414	81706	62616	22407	8567	06714	88642			414	97052	02	ro											irofff																		
Finningley	360	81805	50212	24205	8092	05808	88468			360	80000	50216	22105	8097	05617	86358	88465			360	97052	02	ro										irofff																		
Kilnsea	396	62512	57012	25005	30978	04102	83360	86275		396	62312	58022	23106	6097	05709	86360			396	96061	04	1ro											1rooro																		
Leeming	257	81408	61602	23006	3572	05808	83650	88460		257	72012	58046	20908	2573	05716	82650	87360			360	97051	03	ro										ro																		
Tynemouth	262	81806	61616	22306	8062	05102	88535			262	81809	61026	19807	8567	06720	88635			396	00050		+										+																			
Carlisle	222	81702	61022	22507	8567	04502	88647			222	81302	62036	19308	8547	06614	86714	88618			257	01061	03	1ro									+																			
Valley	302	81719	59032	23209	7627	08801	87705	88458		302	81720	58216	20509	8527	09716	82704	86705	88612	262	01051	02	rooro											+																		
Ringway	334	82006	57022	24507	8097	05607	88460			334	81606	62022	22107	6553	05614	86624			222	91071	05	ro											rooro																		
Squires Gate	318	81708	50212	23807	7581	06706	87657	88465		318	81507	63026	20908	8557	07715	88625			334	97061	05	+											ro																		

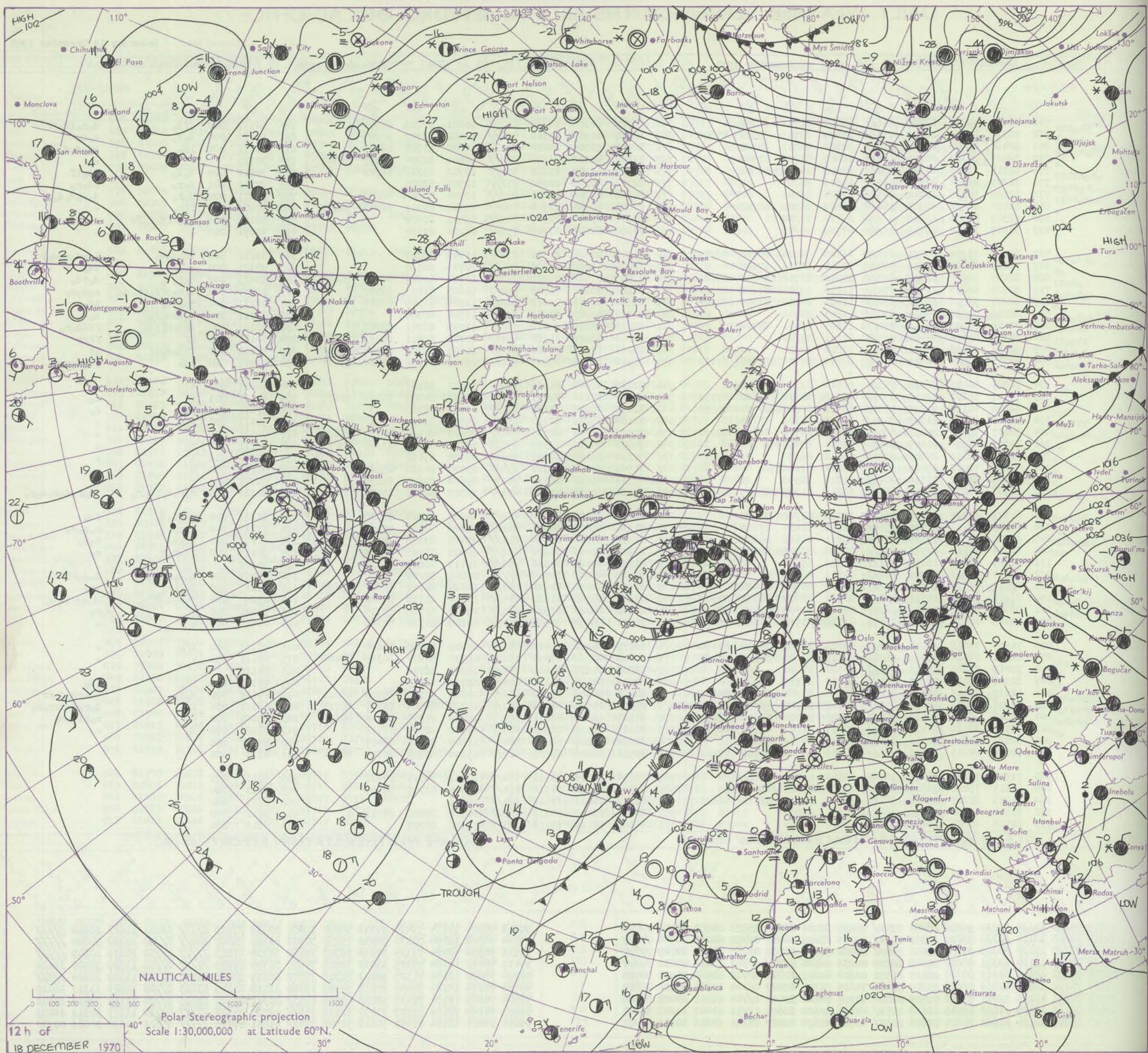
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39839

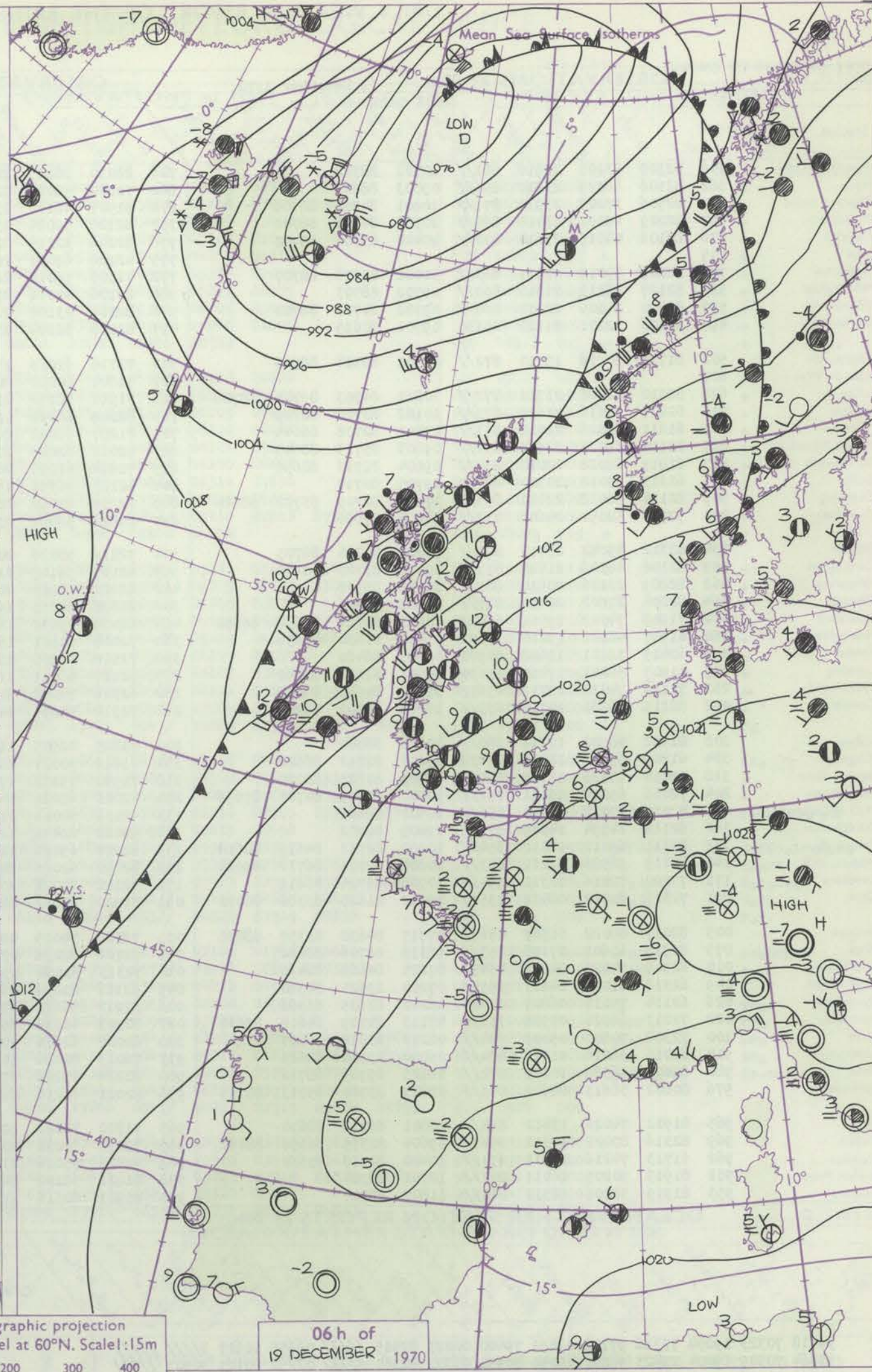
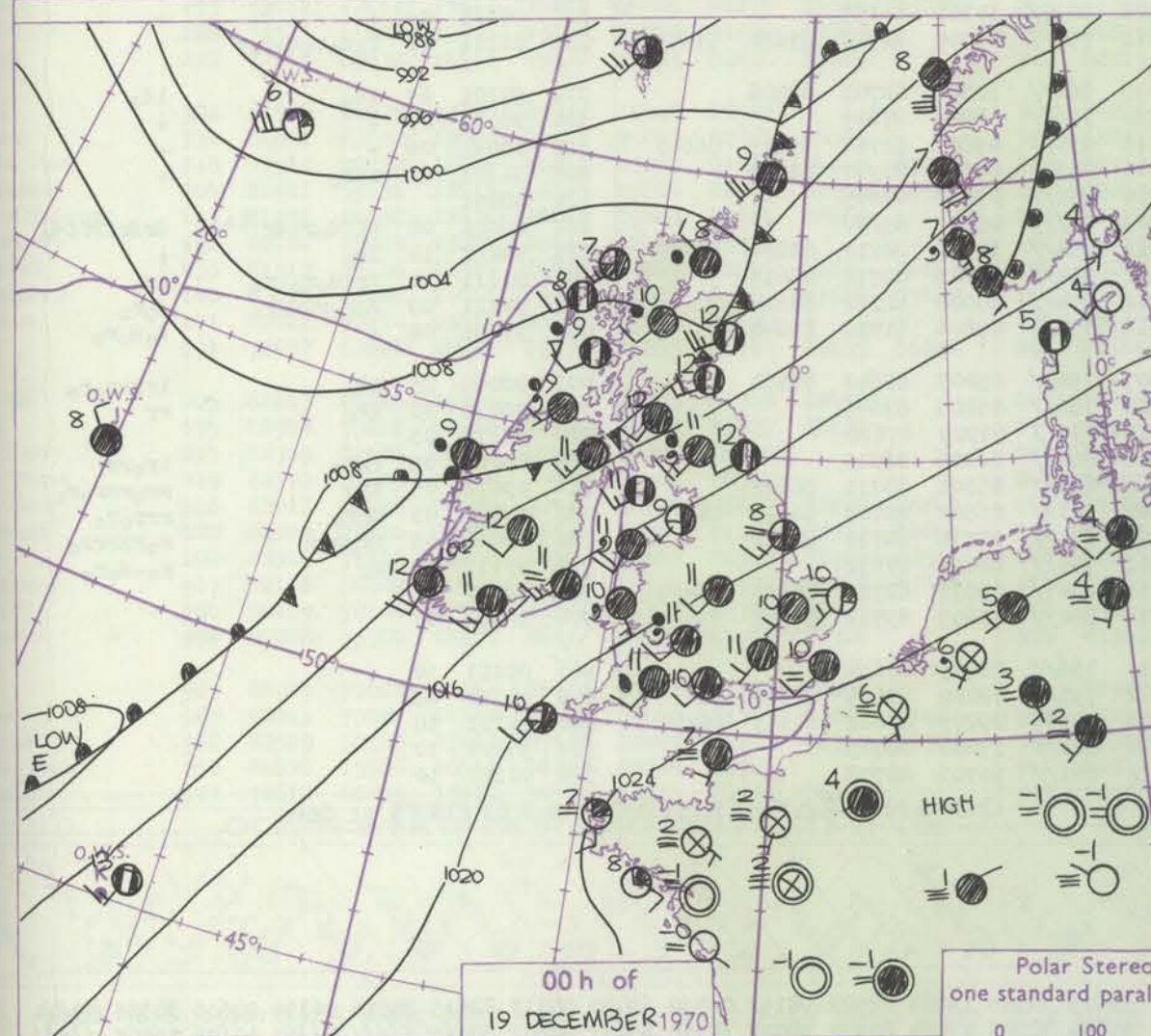
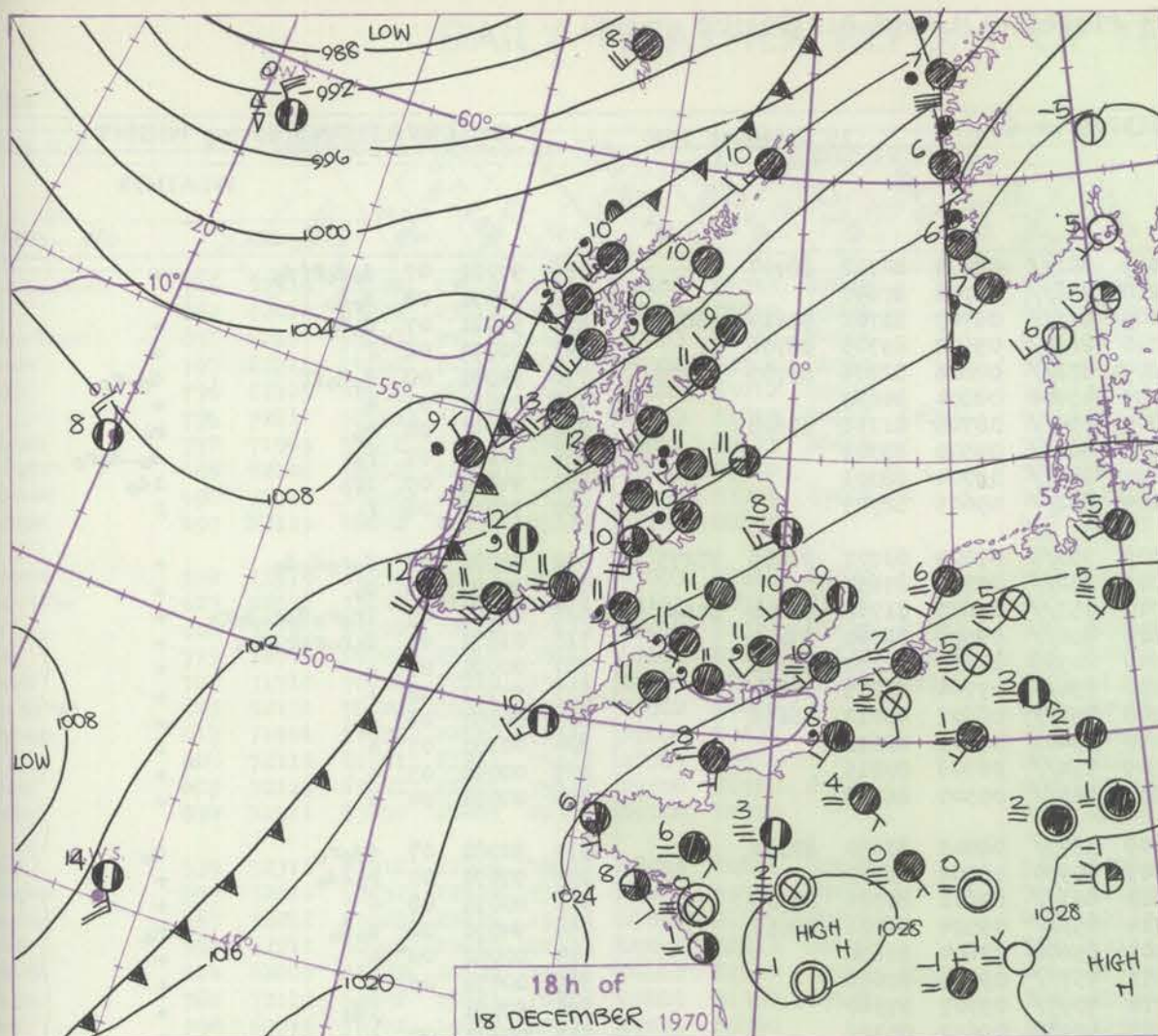
Date of Issue Saturday 19 December 1970

Code FM I.I.D.	OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY										
18 December 1970											18 December 1970																				
Station	ill	Nddff	VVwwWW	PPPTT	NC _h Ch _h CH	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	ill	Nddff	VVwwWW	PPPTT	NC _h Ch _h CH	T _d app	8N _h Ch _h s	8N _h Ch _h s	8N _h Ch _h s	ill	RRT	T _h F	SSs	WEATHER								
																							09h.—15h.	15h.—21h.							
Boscombe Down	746	82412	50105	23711	861//	10808	82702	88703		746	82307	20106	22810	862//	10601	87703	88704		746	92111	000			jd do	doro1doff						
Hurn	862	72314	50205	24111	752//	11809	83703	85707	87620	862	82307	20515	23311	872//	11602	83703	88705		862	91111	000			do do	do do						
Thorney Island	871	82410	30206	25111	871//	10806	85702	88703		871	82207	58105	24210	871//	10602	81702	88703		871	91111	000			id do	id do do do						
Manston	797	72409	50102	24210	1637/	10806	81706	87360		797	82406	40102	23510	862//	10801	82704	83705	88706	797	00111				+	+						
Gatwick	776	82311	15515	24510	870//	10808	84701	88702		776	82207	15205	23610	870//	10702	85701	88702		776	92111	000			do do	id do if						
Kew	775	82205	40056	23611	863//	10806	88707			775	82106	40206	22811	872//	10704	88705			775	97111	001			do ro	id ro						
Heathrow	772	82105	50036	23711	863//	09804	88709			772	81908	40506	22411	872//	10704	86704	88705		772	97111	000			do ro	doro do do						
Honington	586	82410	06466	22908	860//	08808	85700	88702		586	82307	40054	21910	7547/	09501	84711	86645	88359	586	97101				fir o	+						
Wattisham	590	92509	02436	23208	9//	08710	89/00			590	82207	23104	22309	861//	09801	88702			590	00101	007			id off doro FF	+						
Gorleston	497	92107	11052	22707	9//	07709	89/03			497	72107	24052	21709	756//	08101	87630			497	00091	000			+	+						
Aberporth	502	81913	61206	20811	872//	11808	82704	86708	88713	502	81715	20515	19311	872//	11706	88703			502	93111	000			id do do	id do do doro						
Ross-on-Wye	627	72207	48052	21611	754//	10814	86710	87635		627	82005	48052	20511	864//	10706	88710			627	97121	000			+	id o						
Filton	628	82109	58052	22712	853//	10812	82708	85710	88628	628	81803	22506	21911	853//	10704	83707	86708	88621	628	93121	002			doro do	do id o						
Rhoose	715	82503	66216	22411	7547/	11814	83614	87640	88360	715	82102	70036	21511	862//	10605	81703	88710		715	02121	000			doro jfro rro do	ro doro						
Chivenor	707	82207	56506	23012	852//	11808	84704	83708	88624	707	81608	59505	21612	862//	11706	86705	88707		707	02121	000			ddrid o	id or						
Mount Batten	827	82216	01516	24311	870//	11807	88700			827	82212	40205	23011	873//	11704	88708			827	02111	000			do dR doro F	do do						
St. Mawgan	817	82110	37206	24111	870//	11805	85701	88702		817	82112	18215	22211	860//	11705	86701	88702		817	02121	000			drdrff id o	ff id doro						
Silly	804	92309	01454	24411	9//	11101	89/00			804	72213	63026	21510	4847/	10708	81811	84623	86460	804	02111	000			ff	ffrr						
Culdrose	809	92312	01506	24411	9//	11803	89/00			809	82211	37105	22610	852//	10605	82703	85706	88614	809	96111	000			FF do do if	if						
Guernsey	894	82113	60026	26709	853//	08805	85706	85708	87615	894	81912	30205	25009	871//	09703	82702	85704	87707	894	93101	000			id o	id do doro						
Elmdon	534	72209	50046	22210	753/1	08806	81707	87648		534	82106	40042	21111	862//	10501	88703			534	00111	003			+	+						
Cardington	559	72307	56102	23010	5543/	09808	83712	85620	87359	559	82109	37216	22011	853//	10503	84708	86710	88615	559	94111	001			+	ro						
Wittering	462	62208	40104	21908	4533/	08711	82706	83650	85359	462	82210	28602	21110	873//	09703	88708			462	97111	007			fff	ro						
Warnell	354	72406	13056	21309	7097/	07812	81359	87360		354	82109	23052	20310	854//	09701	88616			354	97111	000			roff	+						
Shawbury	414	72007	59046	20811	65478	10812	84712	86625	87270	414	81503	61042	20011	854//	10603	82710	85714	88620	414	00121	000			+	+						
Finningley	360	71907	23216	20109	7097/	07814	87459			360	72003	40042	19309	35532	08701	83620	83360	87072	360	97111	001			ro	+						
Kilnsea	396	62412	32012	20708	6097/	06812	86360			396	72314	32102	19608	7097/	07804	87460			396	00990	016			+	+						
Leeming	257	72009	40042	19109	7543/	07814	87616			257	81905	37042	17911	854//	09000	84610	88620		257	00121	000			+	+						
Tynemouth	262	82305	24042	17310	8097/	07815	88358			262	62311	61022	16011	3557/	09604	83620	86359		262	00121	001			+	+						
Carlisle	222	81707	66026	17610	853//	08812	81709	83615	88625	222	82112	62585	15411	853//	10807	82707	85710	88617	222	92121	000			ro ro do id doro	id oro doro doro						
Valley	302	81921	59206	19211	861//	10708	83702	88703		302	61820	62015	17610	653//	10705	81707	85620		302	91111	000			id do do do	id o						
Ringway	334	71909	58216	20410	3567/	08812	83630	87362		334	71810	59016	18911	3642/	09806	83711	87462		334	93111	000			ro ro	ro ro ro						
Squires Gate	318	81509	20606	19309	854//	08811	86618	88635		318	82011	65606	18110	854//	09705	83618	88622		318	91111	000			rrro do	ro ro						
Ronaldsway	204	82014	40214	17511	870//	10808	85701	88702		204	81917	62016	15611	852//	10605	83705	88624		204	93111	000			id doro	ro						
Mull of Galloway	131	91927	04476	15610	9//	10806	89//			131	81932	70022	12810	856//	10717	88635			131	94101											
Eskdalemuir	162	82014	09555	16909	870//	09713	88701			162	91913	02605	14409	9//	09807	89/01			162	05091	000			do do FddffDD	do do fffro						
Prestwick	135	82011	65216	14811	853//	10709	84708	88610		135	81916	62026	12111	854//	10814	82711	84621	88638	135	011											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



Polar Stereographic projection
one standard parallel at 60°N. Scale: 15m

0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 19 December 1970

Pressure remained high in a belt extending from Spain northeastwards to central Europe. An intense depression moved northeastwards across Iceland. A cold front moved slowly eastwards into western Ireland and western Scotland. During the

next 24 hours pressure will remain high to the south and low to the north of the British Isles. The cold front is expected to move slowly southeastwards though it will be retarded at times as waves run northeastwards along it.

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

Code FM 11.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT			
		19 December 1970										19 December 1970										19 December 1970			
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M CH	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T T _E	T _g T _g	WEATHER		
																							21h.—03h.	03h.—09h.	
Boscombe Down	746	82309	23205	22810	861//	10703	88702				746	82210	28105	22009	861//	08805	82702	88704			746	97081	07	d _o d _o ff d _o	+
Hurn	862	82108	56025	23210	856//	09803	88647				862	72007	58022	22210	756//	08708	87640			862	91091	08	d _o d _o	+	
Thorney Island	871	82506	37205	23910	871//	10801	84702	88706			871	81907	48102	23109	851//	09707	83702	85614	88635	871	97081	07	d _o d _o	+	
Manston	797	82209	28102	23410	860//	10303	84701	88702			797	82106	59024	23110	862//	09602	85705	88706			797	00091	08	f	+
Gatwick	776	82106	08515	23610	870//	10400	83700	88701			776	82106	32215	22809	872//	09806	82704	85705	88708	776	94091	08	d _o d _o ff	d _o -r _o	
Kew	775										775	42106	61031	22209	45600	08804	84630			775	00081	05	+	+	
Heathrow	772	82007	57015	22511	863//	10002	85706	88707			772	71906	59016	22009	754//	08705	81711	87628			772	97091	08	r _o	r _o
Honington	586	82107	23212	21810	862//	09702	88703				586	82106	40216	21810	862//	09500	88703			586	92091	07	r _o	d _o -d _o r _o	
Wattisham	590	82510	14106	22110	860//	09702	84701	88702			590	82311	23102	21810	862//	09704	88703			590	94091	09	ir _o	id _o	
Gorleston	497	32106	32101	21110	25630	09701	82635				497	82108	32104	21209	862//	09605	88705			497	91091	06	f	f	
Aberporth	502	81715	20516	19010	872//	10501	86704	88708			502	71718	61026	17809	753/8	07609	83707	87656	87275	502	01081	07	d _o r _o d _o d _o	+	
Ross-on-Wye	627										627	71807	60022	20009	756//	07705	87630			627	97091	06	d _o	+	
Filton	628	82010	32586	21711	872//	10801	84703	86705	88708		628	71911	58056	21010	753//	07605	81708	83620	87645	628	01091	07	ir _o r _o d _o r _o d _o r _o	+	
Rhoose	715	82207	56636	21610	873//	10102	83708	88709			715	71609	15016	19609	756//	07605	82630	87650		715	01071	04	d _o r _o r _o r _o rr _o	+	
Chivenor	707	81811	62026	21711	853//	09801	82708	88645			707	71207	66022	20709	20938	07803	82360	87272		707	00081	05	+	+	
Mount Batten	827	82110	59022	22911	854//	09803	85713	88645			827	72012	62022	21810	754//	07704	81715	87624		827	97101	08	+	+	
St. Mawgan	817	81812	62022	22010	854//	09604	81710	88656			817	71814	61022	20708	754//	06607	83617	86656		817	00081	06	+	+	
Scilly	804	62213	59012	20910	66400	09705	86710				804	42113	66011	19410	35401	07809	83613			804	00101	07	+	+	
Culdrose	809	82114	56022	22010	853//	09804	82709	83712	88620		809	72214	64022	20809	714//	06706	87815			809	00090	05	+	+	
Guernsey	894	72111	58052	24608	757//	06804	87656				894	61812	56051	23507	663//	05505	86708			894	00061	04	+	+	
Elmdon	534	82312	45042	20711	862//	10001	84704	88705			534	72212	58026	20409	3573/	08503	83650	87358		534	92081	07	dd _o r _o	d _o	
Cardington	559	82106	48106	21810	853//	10000	83708	88640			559	62107	56105	21509	60930	09502	86360			559	97091	07	r _o -d _o	+	
Wittering	462	82209	23106	20810	863//	10602	88706				462	82212	28102	20610	863//	09601	84706	88708		462	00091	08	+	+	
Watnall	354	82208	27502	20410	873//	10001	88706				354	82208	58055	19710	853//	09504	86706	88616		354	94091	08	d _o d _o	r _o	
Shawbury	414	71908	74012	19511	6543/	10603	83714	85634	86650		414	62008	75032	18909	65600	07604	86634			414	00081	04	+	+	
Finningley	360	41907	48101	19210	35602	09000	81630	83656			360	72008	50101	18411	757//	09705	87656			360	00091	06	+	+	
Kilnsea	396	62415	32101	19608	60970	08000	86460				396	72518	56035	18710	7097/	09707	87360			396	97091		id _o	+	
Leeming	257	41907	56041	17412	15630	09501	81630	83362			257	52117	66011	16212	50930	09612	85362			257	00101	07	+	+	
Tynemouth	262	72112	74022	15712	4567/	09307	84630	86359			262	62316	74022	14912	6097/	10301	86359			262	00111	09	+	+	
Carlisle	222	82115	56586	14711	873//	10808	83706	88710			222	72318	74016	14311	754//	09704	82712	83620	87645	222	01111	09	r _o d _o r _o d _o r _o r	+	
Valley	302	81922	48502	17111	860//	10804	88700				302	81825	48505	16410	862//	10704	82703	88706		302	97101	09	id _o	id _o	
Ringway	334	61709	59031	18811	654/2	09603	82712	86620			334	71812	70031	18210	756//	08805	87645			334	00081	07	+	+	
Squires Gate	318	52010	75026	17709	35502	09803	81625	83070			318	71910	75032	17210	754//	09601	82712	85615	86640	318	00081	06	+	+	
Ronaldsway	204	72016	65016	15011	752//	10400	81705	84707	87656		204	42021	62011	14711	45300	09603	81707	83709		204	91101	09	r _{ir} o	+	
Mull of Galloway	131	82030	77022	12010	856//	10400	88635				131	42033	70011	11910	456//	09604	84645			131	00091				
Eskdalemuir	162	82118	14594	14009	871//	09805	88702				162	92022	02436	12809	911//	09709	89700			162	06081	08	ffr _o d _o r _o ffr _o ffr _o	drdrfffr _o d _o	
Prestwick	135	82111	68212	12012	854//	10502	82712	84615	88618		135	82014	65026	11411	854//	10501	82712	83626	88640	135	94111	10	ir _o	+	
Abbotsinch	140	82019	56586	11212	853//	10201	82708	86712	88615		140	82020	62026	10812	854//	10605	82712	88618		140	01111	10	ir _o id _o r _o ir _o	ir _o	

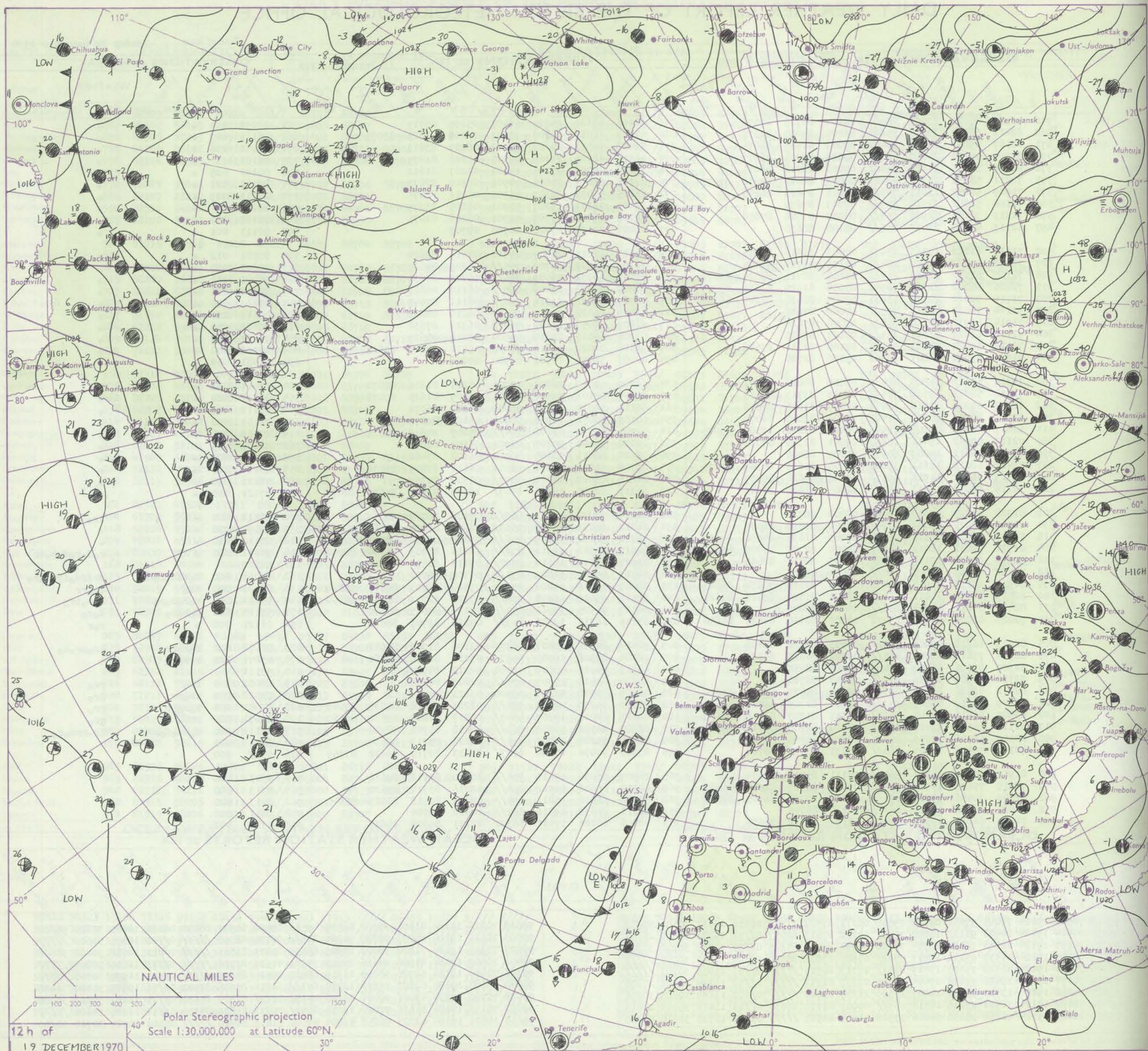
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39840

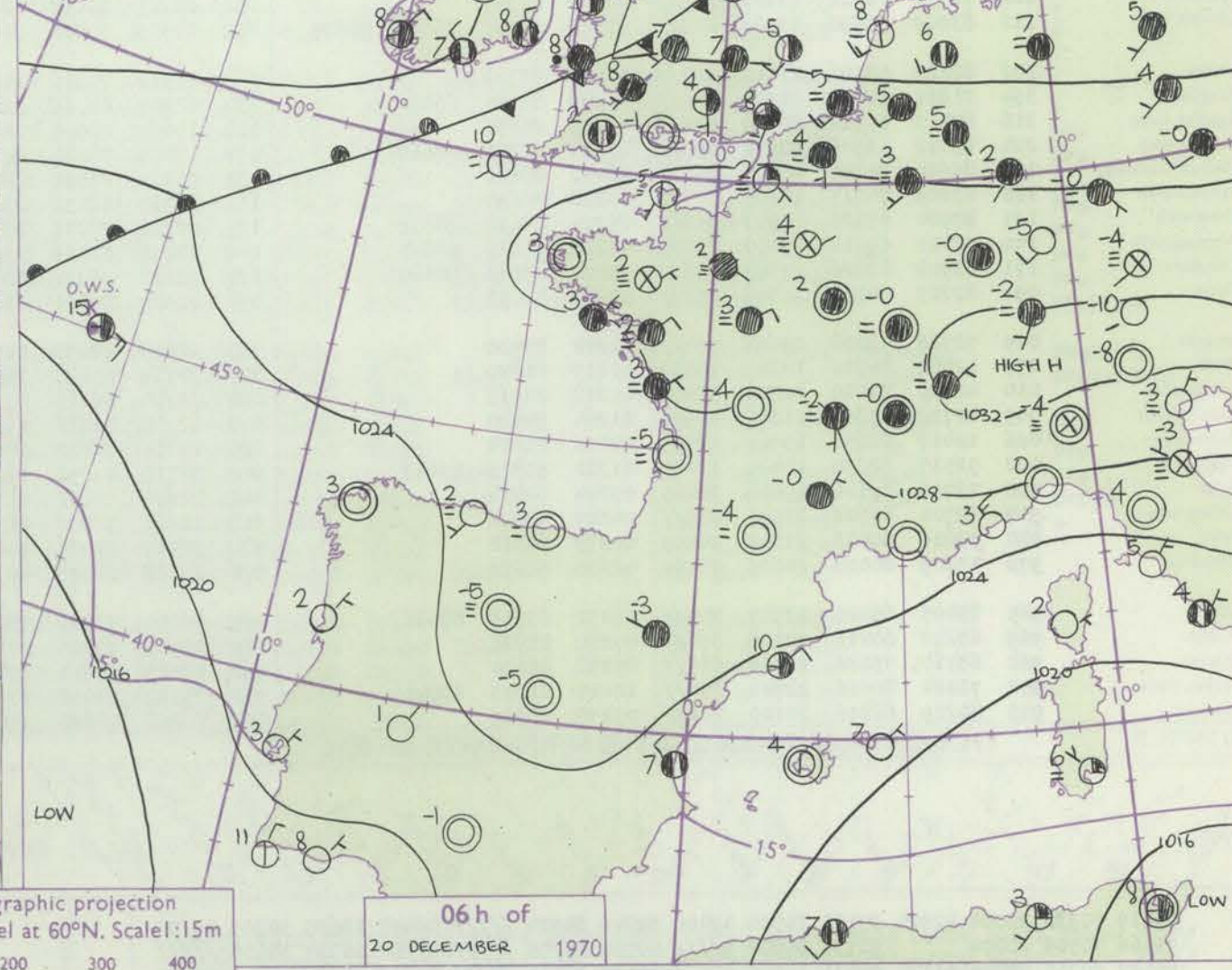
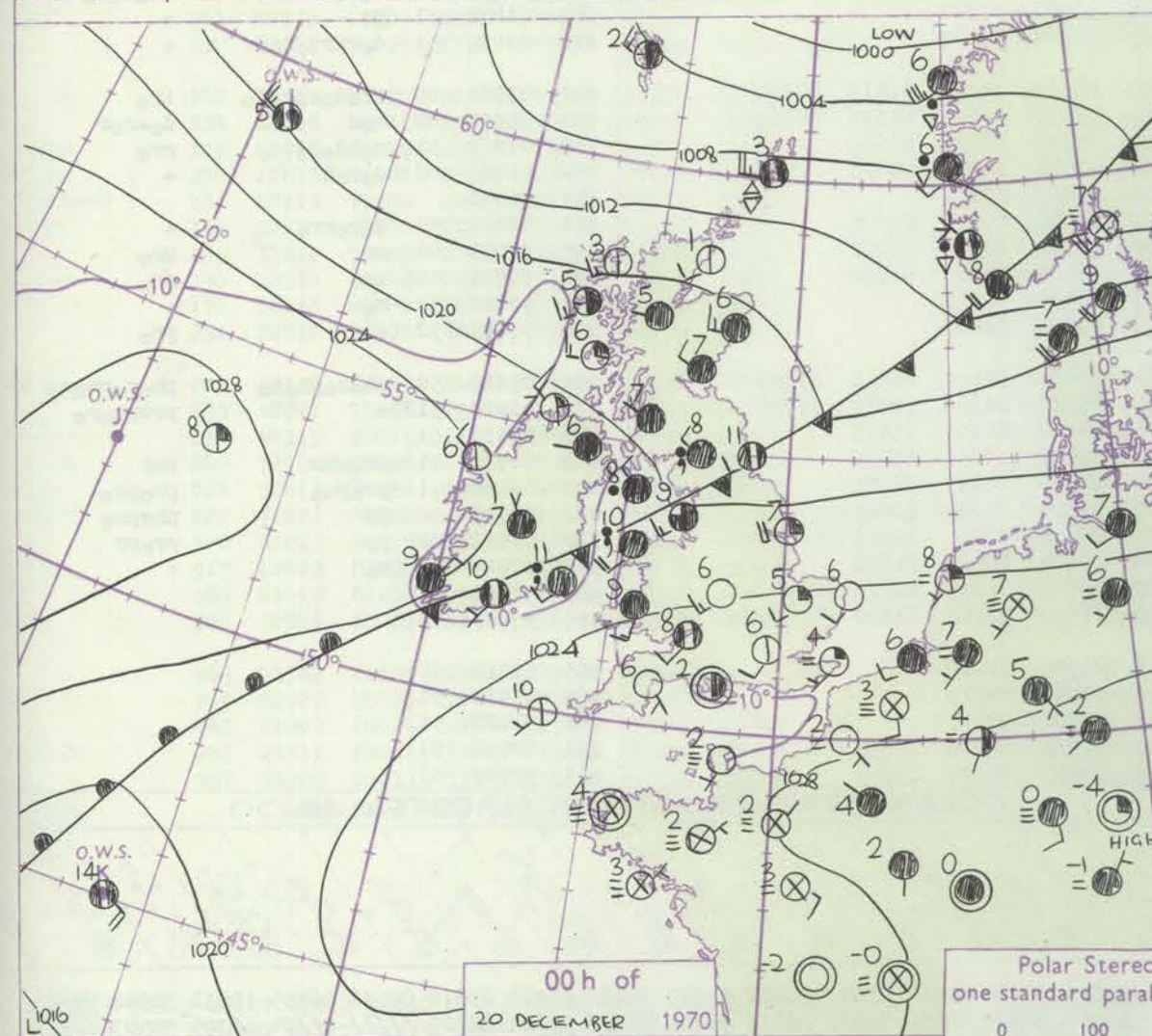
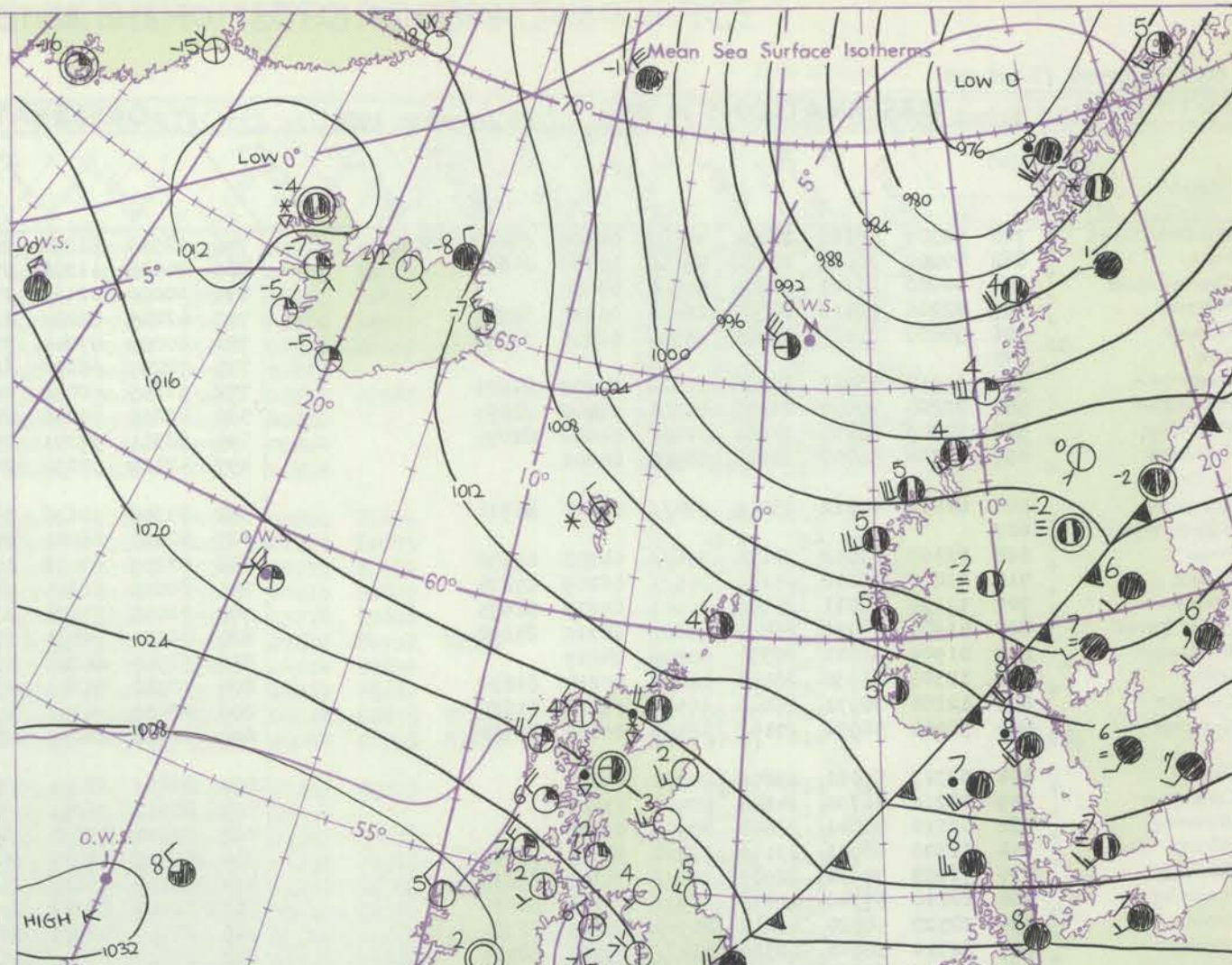
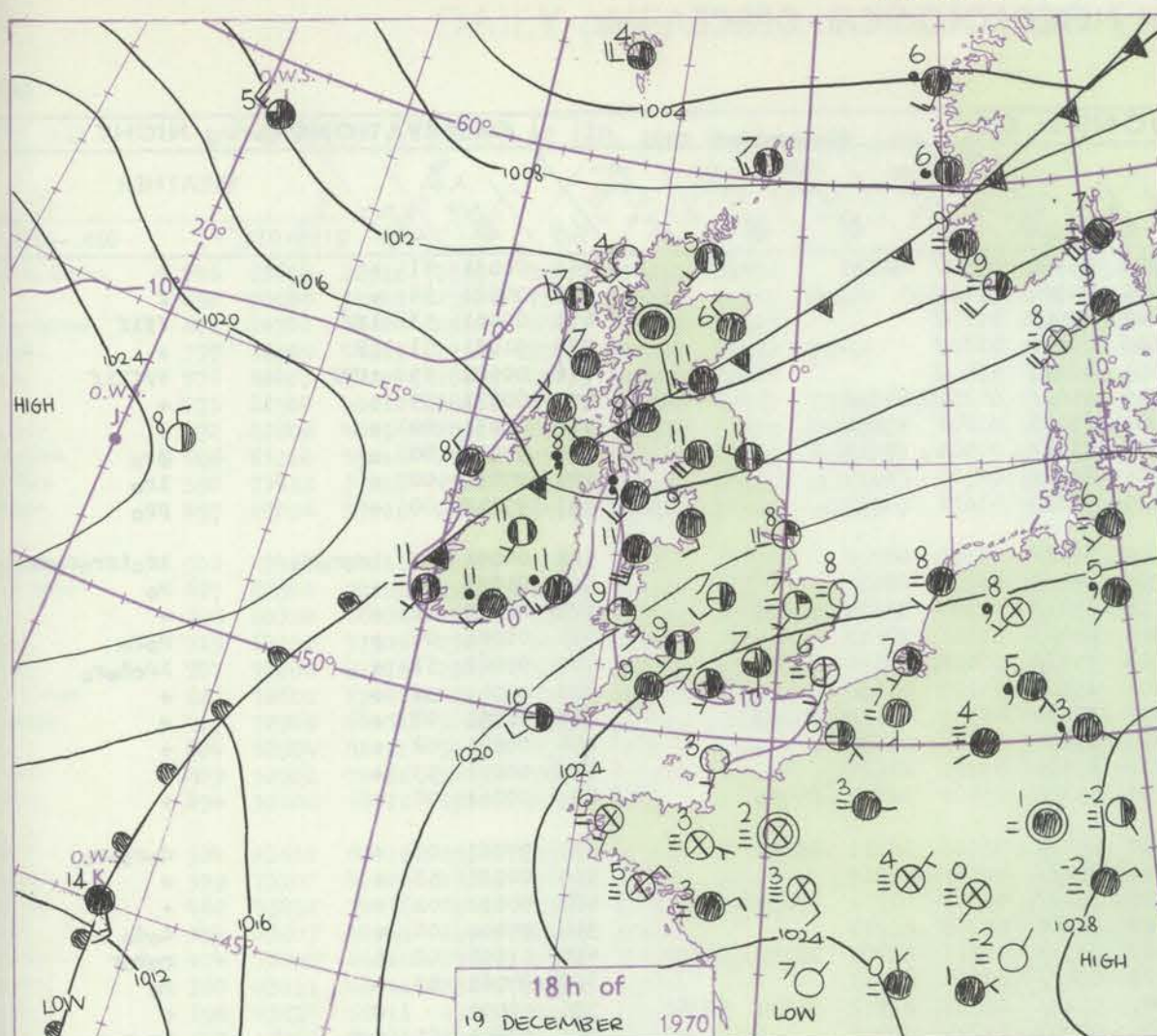
Date of Issue Sunday 20 December 1970

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
		19 December 1970										19 December 1970																			
Station		iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	BN _s Ch _s h _s	BN _s Ch _s h _s	BN _s Ch _s h _s	iii	Nddff	VVwwW	PPPTT	N _h L _h C _M H	T _d T _d app	BN _s Ch _s h _s	BN _s Ch _s h _s	BN _s Ch _s h _s	iii	RRT T+E	SSS	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down	746	72315	62022	23509	46402	06104	84715	87075			746	62106	48101	24605	66401	05209	86715			746	00091	014	+	+							
Hurn	862	62412	62032	23610	45601	06400	84640	83075			862	51907	58012	24607	35501	05206	83625	83075		862	00111	047	+	+							
Thorney Island	871	42107	59051	24510	16401	07003	81712	84075			871	32403	50051	25407	35400	06207	83613			871	00101	026	+	+							
Manston	797	82211	44102	24110	862//	09001	83704	88707			797	11911	48101	25006	00901	05208	81075			797	00101		+	+							
Gatwick	776	62109	56055	24010	36401	07002	83712	86075			776	12106	50051	25105	15401	04207	81612			776	00101	025	+	+							
Kew	775	72211	58051	23111	48401	08803	82812	84656	87075		775	22105	58051	24606	00901	05310	82075			775	00111	021	+	+							
Heathrow	772	71909	50052	23011	754/1	08001	84613	86656			772	61805	50052	24307	00901	05211	86075			772	00111	029	+	+							
Honington	586	72108	50052	22510	757//	07003	87650				586	32107	28101	23207	00901	06205	83075			586	00111		+	+							
Wattisham	590	72313	37055	22909	753//	08002	83706	87650			590	12110	28051	23707	00901	06206	81075			590	00101	002	+	+							
Gorleston	497	82113	48052	22410	856//	08108	88630				497	02007	32101	23008	00900	08703			497	00111	001	+	+								
Aberporth	502	71519	61032	19310	15438	07003	81618	87275			502	21415	62011	20909	25500	07116	82620			502	00101	012	+	+							
Ross-on-Wye	627	72108	57022	21609	264/1	07101	82715	87075			627	72109	57022	22709	755//	06209	87625			627	00091	000	+	+							
Filton	628	72105	61022	22610	654/2	06008	82711	85620	87072		628	72005	58052	23509	756//	06209	87630			628	00101	001	+	+							
Rhoose	715	72006	66022	22310	38541	07008	81820	83630	87075		715	82409	65032	23409	855//	06110	88621			715	00111	011	+	+							
Chivenor	707	71710	70022	22310	55631	07005	82630	84645	86360		707	71709	74022	23310	756//	06111	87642			707	00111	000	+	+							
Mount Batten	827	72114	70022	22810	755//	07002	87620				827	82408	66022	24010	856//	06210	88632			827	00111	000	+	+							
St. Mawgan	817	71914	61032	22110	755//	07006	87628				817	71909	59052	23609	756//	06314	87630			817	00101	000	+	+							
Silly	804	72110	61021	21211	755//	07007	87620				804	52208	66011	22810	55500	07216	85625			804	00121	028	+	+							
Culdrose	809	72113	69022	21810	754//	07108	81710	87622			809	72308	72022	22810	784//	05110	82818	87622		809	00100	000	+	+							
Guernsey	894	21911	63050	24807	26302	05106	82708				894	02007	58050	24906	00900	04006			894	00081	059	+	+								
Elmdon	534	72316	61012	21809	48431	06008	84811	86072			534	52209	59012	22807	15701	05211	81656	85070		534	00091	011	+	+							
Cardington	559	72210	58052	22510	754//	08003	83713	87635			559	32109	37101	23506	15501	06209	81625	83075		559	00111	020	+	+							
Wittering	462	72212	61022	21810	15642	07007	81645	87072			462	62110	59032	22707	00902	05309	86072			462	00111	017	+	+							
Watnall	354	62211	40056	20610	21402	07002	82818	86072			354	52109	37052	21906	00901	05109	85075			354	00101	008	+	+							
Shawbury	414	62007	66022	20509	25541	06002	81620	83362	85075		414	71704	66032	21608	754//	05209	84619	86625		414	00101	004	+	+							
Finningley	360	72112	59042	19411	10932	07801	81360	87075			360	22006	56041	20707	00901	06107	82075			360	00121	025	+	+							
Kilnsea	396	62516	58012	19809	6097/	07005	86460				396	32520	58011	20608	30970	06108	83460			396	00100	006	+	+							
Leeming	257	72412	62012	17611	35641	05005	81635	84360	87075		257	71708	61042	18610	68501	06111	83825	85636		257	00111	001	+	+							
Tynemouth	262	72315	61022	15911	4557/	07206	84620	87359			262	72815	66022	15811	7097/	07304	87359			262	00121	000	+	+							
Carlisle	222	72219	69032	14711	755//	08803	82620	87645			222	82319	62026	15711	6547/	10309	82711	85625	88458	222	97121	000	+	ro							
Valley	302	81728	61025	17610	864//	08008	88712				302	81825	58022	18611	863//	09106	88709			302	92111	000	+	iro							
Ringway	334	61911	62022	19709	20942	05002	82360	86075			334	61812	60031	20308	5563/	04500	85630	83360		334	00091	020	+	+							
Squires Gate	318	71912	70022	18310	45642	07003	81635	84650	87075		318	81711	58032	19009	856//	07204	81630	88643		318	00110	010	+	+							
Ronaldsway	204	81921	59031	16011	763/7	09004	82707	85709	86645		204	82017	45582	16911	872//	10210	82703	85704	88706	204	91111	000	+	ro dorodorodr							
Mull of Galloway	131	81938	60032	12110	2642/	09803	82715	88460			131	81927	60612	14610	8092/	09115	88558			131	96101										
Eskdalemuir	162	82122	09465	13808	870//	08001	88700				162	82317	09605	14809	871//	09309	88702			162	02091	000	doffdorodr	drifdorodr							
Prestwick	135	81917	65216	11911	6547/	09003	82615	84632	86643		135	83209	62216	14208	853//	07320	82707	85615	86620	135	03121	000	iro	irorr							
Abbotsinch	140	82023	62616	11011	854//	08801																									

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The depression over the Norwegian Sea continues to move away northeast. The anticyclone over Europe remains stationary, while the anticyclone over the Atlantic has moved east and is now extending northeast. The weak cold front over England and Wales will move southeast over the remaining southern counties

during the next 24 hours becoming weaker still, with the high pressure building to the north of it. The depression southwest of Portugal will move slowly southeast.

Issued at midday Sunday 20 December 1970

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

OBSERVATIONS at 00h. 20 December 1970										OBSERVATIONS at 06h. 20 December 1970										OBSERVATIONS during NIGHT			
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER	
																						21h.—03h.	03h.—09h.
Boscombe Down	746	52309	58102	26205	45501	04305	84622	83075		746	22507	61031	26903	25500	03500	82620			746	00031	51	+	+
Hurn	862	40000	70031	26102	45600	01303	84635			862	00000	11284	27051	00900	51105				862	00521	54	+	f
Thorney Island	871	00000	11121	26704	00900	04005				871	00000	02464	27402	00900	02202				871	00001	53	1fF	ffif
Manston	797	22206	19110	26704	26400	03111	82712			797	02209	58024	26603	00900	02603				797	91021	51	1f	+
Gatwick	776	30000	01464	26901	35500	01005	83620			776	00000	03444	27251	00900	51002				776	00521	55	1fFF	FPffif
Kew	775									775	72207	66022	26506	756//	04205	87642			775	00031	55	+	+
Heathrow	772	11910	56011	25706	15500	04103	81625			772	51805	40051	26204	55700	03201	85656			772	00031	00	+	+
Honington	586	22208	40050	24305	00901	04002	82075			586	82210	50051	24607	854//	04501	88614			586	97031	00	+	pro
Wattisham	590	22309	28100	24904	00901	04002	82075			590	82311	37101	25204	854//	04301	88614			590	97031	00	+	iro
Gorleston	497	02208	56050	23906	00900	04001				497	42110	60030	23805	40830	03601	84357			497	97042	00	+	pro
Aberporth	502	81815	59212	23009	874//	09110	88711			502	83308	32636	25608	871//	08316	88702			502	04071	07	1rooro	1roiroro
Ross-on-Wye	627									627	82308	66021	25009	855//	06103	88625			627	91071	04	+	ro
Filton	628	72109	61052	25108	756//	04106	87630			628	82207	62034	26108	854//	05304	86617	88625		628	00061	02	+	+
Rhoose	715	72210	75012	25209	755//	06109	87624			715	80000	61606	26308	854//	07302	88612			715	01081	06	+	ro
Chivenor	707	11105	66011	25707	00901	05213	81075			707	71005	74026	26708	755//	06002	85621	87634		707	97061	51	+	irodero
Mount Batten	827	41905	74031	26409	45600	06210	84632			827	10000	74031	27504	15600	04102	81630			827	97041	51	+	+
St. Mawgan	817	01909	66021	26307	00900	04113				817	61906	66021	27808	35630	06307	83630	84358		817	00051	02	+	+
Scilly	804	12305	81030	26010	15600	07214	81630			804	12302	81011	27810	15600	07208	81630			804	00081	02	+	+
Culdrose	809	12104	78031	26008	15500	05216	81620			809	42402	74011	27708	45500	07306	84624			809	00051	53	+	+
Guernsey	894	50000	58051	27107	56400	05106	85712			894	51705	40052	28207	55300	07102	82707	85709		894	00061	00	+	+
Elmdon	534	02313	59021	23806	00900	04204				534	82407	62021	24807	854//	06206	86711	88656		534	97061	03	+	dooro
Cardington	559	02206	40100	24604	00900	03001				559	82612	56051	25306	854//	04205	88617			559	00031	51	+	+
Wittering	462	02110	40041	23604	00900	03000				462	72611	59031	24407	754//	05305	82712	87636		462	00031	01	+	+
Watnall	354	12308	40041	23105	10970	04307	81360			354	62505	19515	24007	67200	07308	86703			354	97041	00	+	do
Shawbury	414	72008	74031	22907	754//	06107	87615			414	83209	70616	25407	853//	06321	82707	83712 87627		414	01051	02	+	ro
Finningley	360	12210	57040	21407	00901	05205	81075			360	82407	69211	22509	864//	07210	88715			360	97061	03	+	ro
Kilnsea	396	22520	58020	21407	20940	05203	82360			396	82719	48031	21907	4547//	06303	82712	84620 88360		396	00050		+	+
Leeming	257	82310	58041	19510	864//	07304	88714			257	13010	83036	23405	00901	03224	81075			257	93041	51	do	irooro
Tynemouth	262	72512	61022	17211	7097//	07204	87359			262	02815	81018	22505	00900	03220				262	01041	01	pr	+
Carlisle	222	83209	56596	19008	853//	07326	81706 86710 88625			222	02505	80016	24004	00900	03222				222	03031	51	doRRdo	+
Valley	302	82222	48586	21110	862//	10214	88704			302	43510	74016	25907	48400	05225	81818 84640			302	03061	00	1rooro	iro
Ringway	334	71811	68031	21708	754//	05209	83714 86630			334	62907	62016	24707	45532	06223	84625 84359			334	95051	02	rod	do-ro
Squires Gate	318	62413	65212	20409	657//	08209	86650			318	13007	80026	24807	15700	06325	81650			318	01061	51	roRdo	ro
Ronaldsway	204	83412	62606	20508	853//	07324	86708 88617			204	13209	84026	25606	11400	03221	81818			204	01061	02	doRo	+
Mull of Galloway	131	83614	84205	20307	856//	06230	88640			131	03215	84021	24705	00900	03117				131	95051			+
Eskdalemuir	162	83209	74215	18805	857//	03328	88650			162	12711	82031	23802	11500	00218	81824			162	02001	54	dooro	+
Prestwick	135	82904	65026	19907	855//	05225	82622 88642			135	22811	78021	23706	28500	02215	81822			135	95051	02	rr	pro
Abbotsinch	140	72411	65016	19107	754//	04226	81618 87645			140	22206	80011	23204	18501	01314	81822			140	92021	50	iro	pro
Leuchars	171	82908	82026	17107	3567//	03222	83640 88460			171	02613	86021	20803	00900	00213				171	97011	52	ro	+
Dyce	091	82713	80022	16306	857//	02219	88656			091	02514	80021	19302	00900	52208				091	97041	52	+	pro
Lerwick	005	72726	58878	09103	734//	02212	87910			005	42913	82038	09704	39402	52001	81910 83818			005	05015	50	phoro	phoro
Wick	075	12408	84021	14301	18500	51215	81820			075	72719	65838	16402	734//	01206	82710 87915			075	01012	51	+	prphoro
Sule Skerry	010	42719	81020	12007	43400	04218	84915			010	52724	66818	13105	53400	04204	85915			010	02032	01		
Cape Wrath	049	42722	85808	11606	43500	01204	84920			049	62730	82038	13505	635//	51202	86920			049	01031	01	prophr	phr
Stornoway	026	12417	80258	15903	12500	02216	81820			026	12814	80028	18604	18500	01217	81825			026	02012	51	propho	phopro
Benbecula	022	52517	82038	18405	12402	01221	81817 85073			022	32719	81258	21207	33400	01215	82917			022	02041	00	jp	phpro
Tiree	100	22716	82148	19406	28400	03224	82818			100	22822	75258	22706	23400	02214	81916			100	96051	02	jp	prapr
Aldergrove	917	82701	66026	21506	855//	04227	88628			917	12406	70021	26502	15600	00220	81630			917	97013	52	ro	+
Malin	980	33016	80018	21807	38400	02233	81818			980	32917	81011	25407	38500	02215	82820			980	91061	03		
Belmullet	976	13209	80028	24206	18500	02230	81821			976	13108	82018	28305	11500	02218	81822			976	97041	50		
Birr	965	83405	66026	23507	854//	06132	83716 88632			965	00000	70021	28602	00900	01220				965	01513	55		
Dublin	969	83212	60216	22108	864//	07230	88711			969	02905	70026	27203	00900	02219				969	97021	51		
Shannon	962	83510	75036	23708	855//	05236	88620			962	03405	75011	29003	00900	02223				962	91023	51		
Roches Point	952	72104	80016	22710	754//	10117	81713 87645			952	73312	81031	27907	756//	05226	87635			952	02001	54		
Valentia	953	80209	68216	24109	864//	07238	88719			953	50208	75026	28708	55600	04222	85640			953	97051	02		

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.															
O.W.S.	99L _h L _h L _h	Q _h L _h L _h L _h	YYGGIw	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	D _s v _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99L _h L _h L _h	Q _h L _h L _h L _h	YYGGIw	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	D _s v _s app	8N _s Ch _s h _s	8N _s Ch _s h _s	OT _s T _s T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
A	99619	70322	20004	42924	97152	14000	49400	00246	84914	////	06455	10655	30303	99/03	A	99619	70324	20064	83017	98022	19250	3243/	00223	83812	88338	06355	10632	30202	99/03
B	99566	70509	20004		90735	85002	9////	00760	89/05	////	0//02	10397	30505	////	B	99567	70507	20064	81015	96616	78705	862//	00622	88705	////	0//04	10395	30503	////
C	99527	70355	20004	81728	98031	18007	854//	00632	88615	////	0//03	10727	30705	99/03	C	99527	70354	20064	81531	97022	12808	854//	00729	88615	////	0//05	10789	30705	23604
D	99440	70410	20004	81646	97216	04016	6742/	00820	86710	88540	0//14	11531	30911	////	D	99439	70410	20064	82124	97026	02115	855//	00702	88620	////	0//13	11500	30809	////
E	99350	70480	20004	22824	98012	14919	28500	00221	82825	////	0//12	11970	30707	////	E	99350	70480	20064	12818	98028	15419	12500	00400	81825	////	0//10	11920	30708	////
I	99590	70191	20004	72925	97278	16004	39300	00115	81706	83912	0//03	10955	30605	31008	I	99590	70188	20064	32925	97026	19307	22470	00324	82818	////	0//04	10942	30605	31009
J	99531	70172	20004	33009	98011	28208	35500	61130	83628	////	0//50	11141	30303	30006	J	99530	70179	20064	62908	98021	31708	685//	51215	81822	85650	0//03	11162	30100	30006
K	99453	70159	20004	71220	97012	18914	759//	00221	87656	////	0//12	11384	30808	20206	K	99453	70158	20064	51116	97011	22514	55500	00215	85626	////	0//10	11358	30810	20205
M	99658	10018	20004	82826	98028	91002	8954/	62246	86920	////	05901	10729	30710	00/00	M	99659	10009	20064	53029	97268	94501	59500	81321	85920	////	06054	10644	30710	00/00

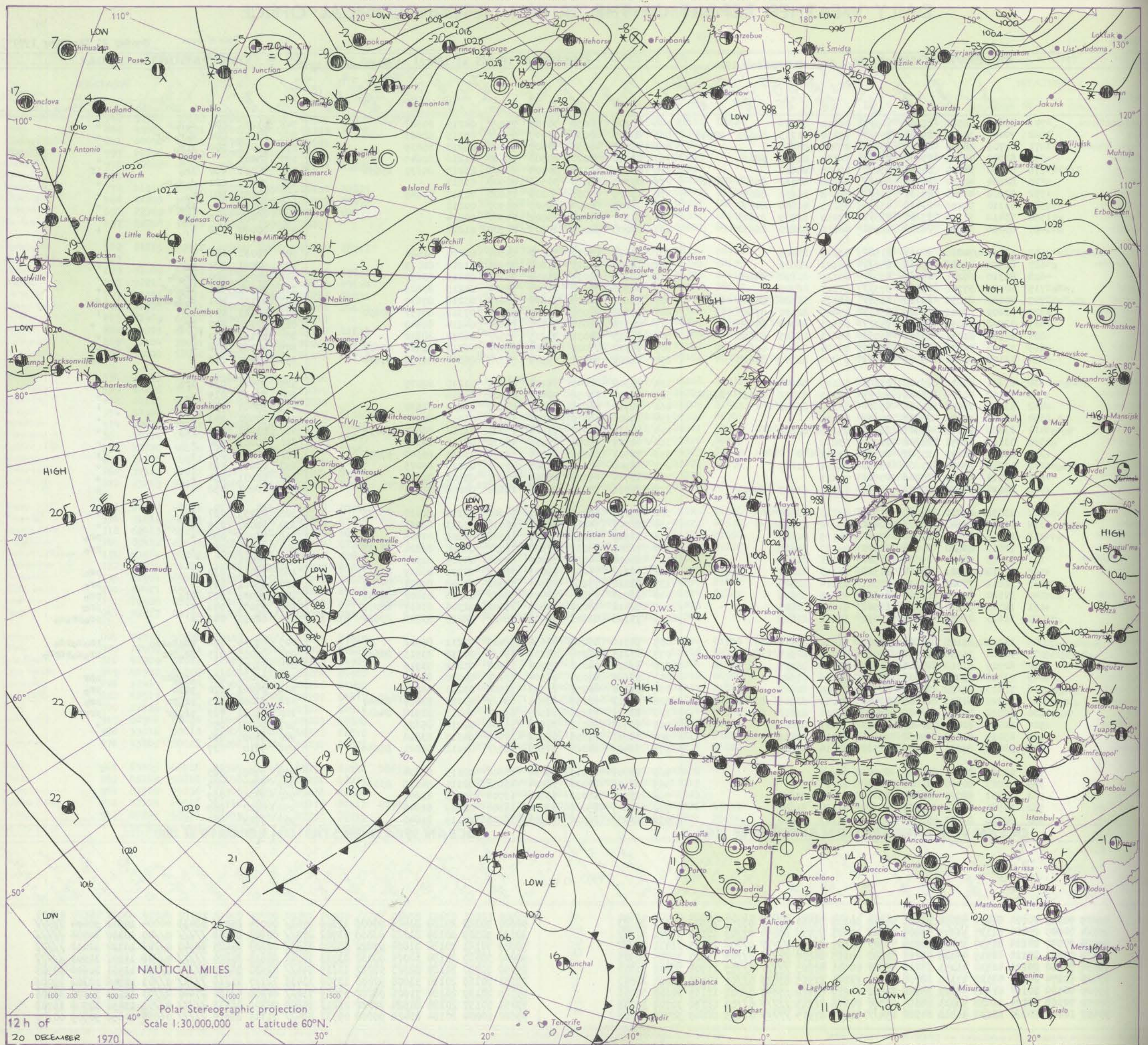
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39841

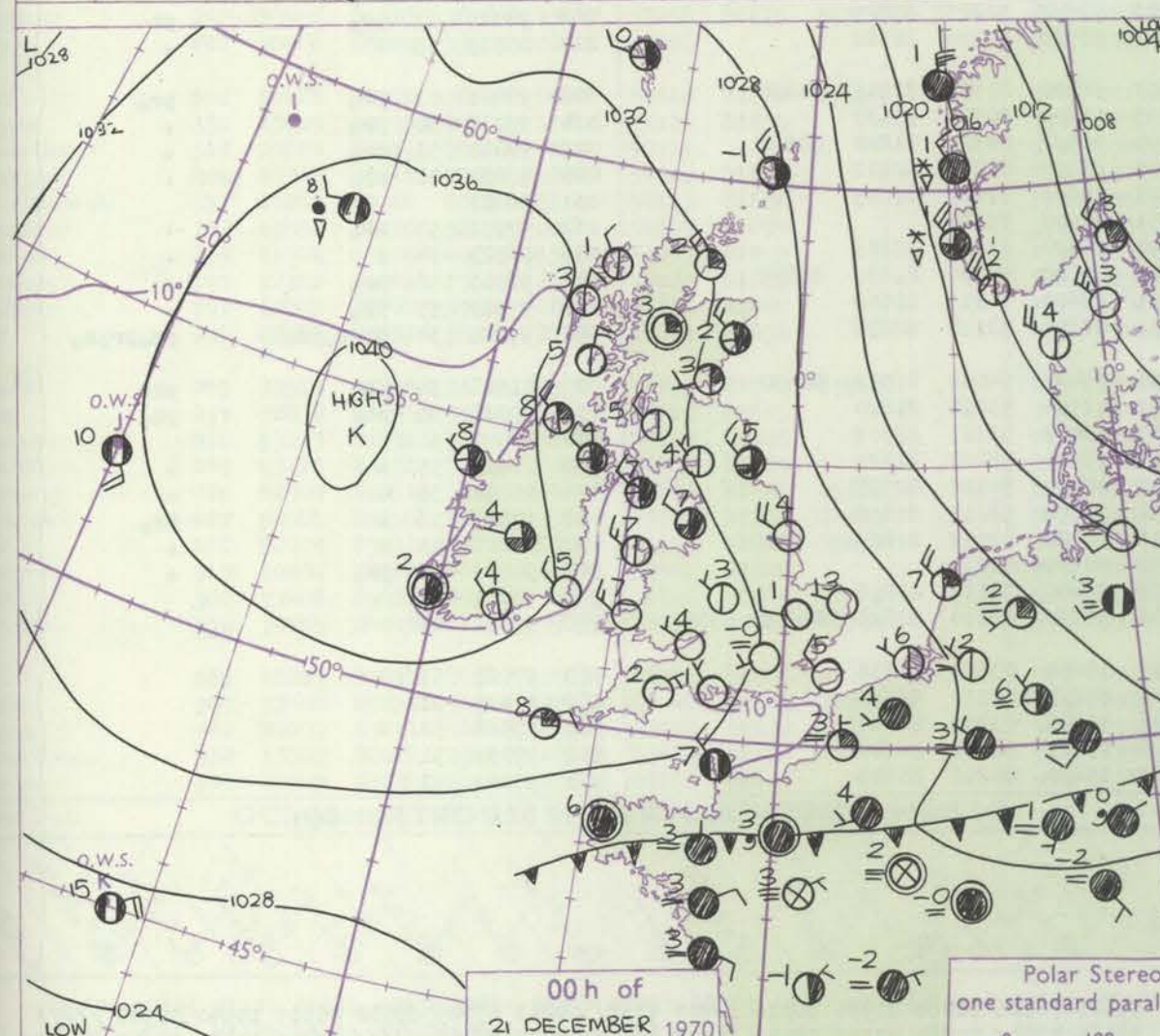
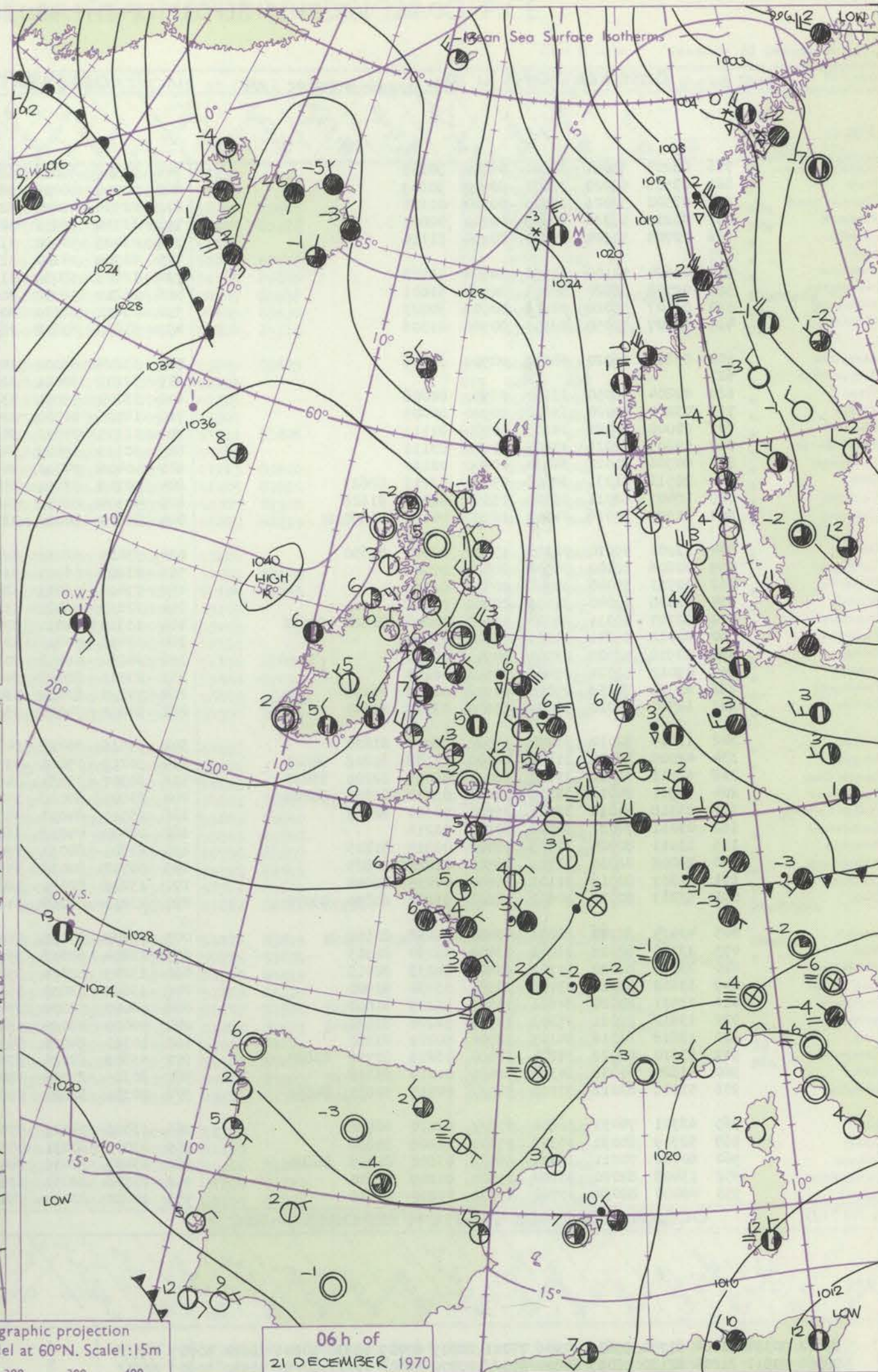
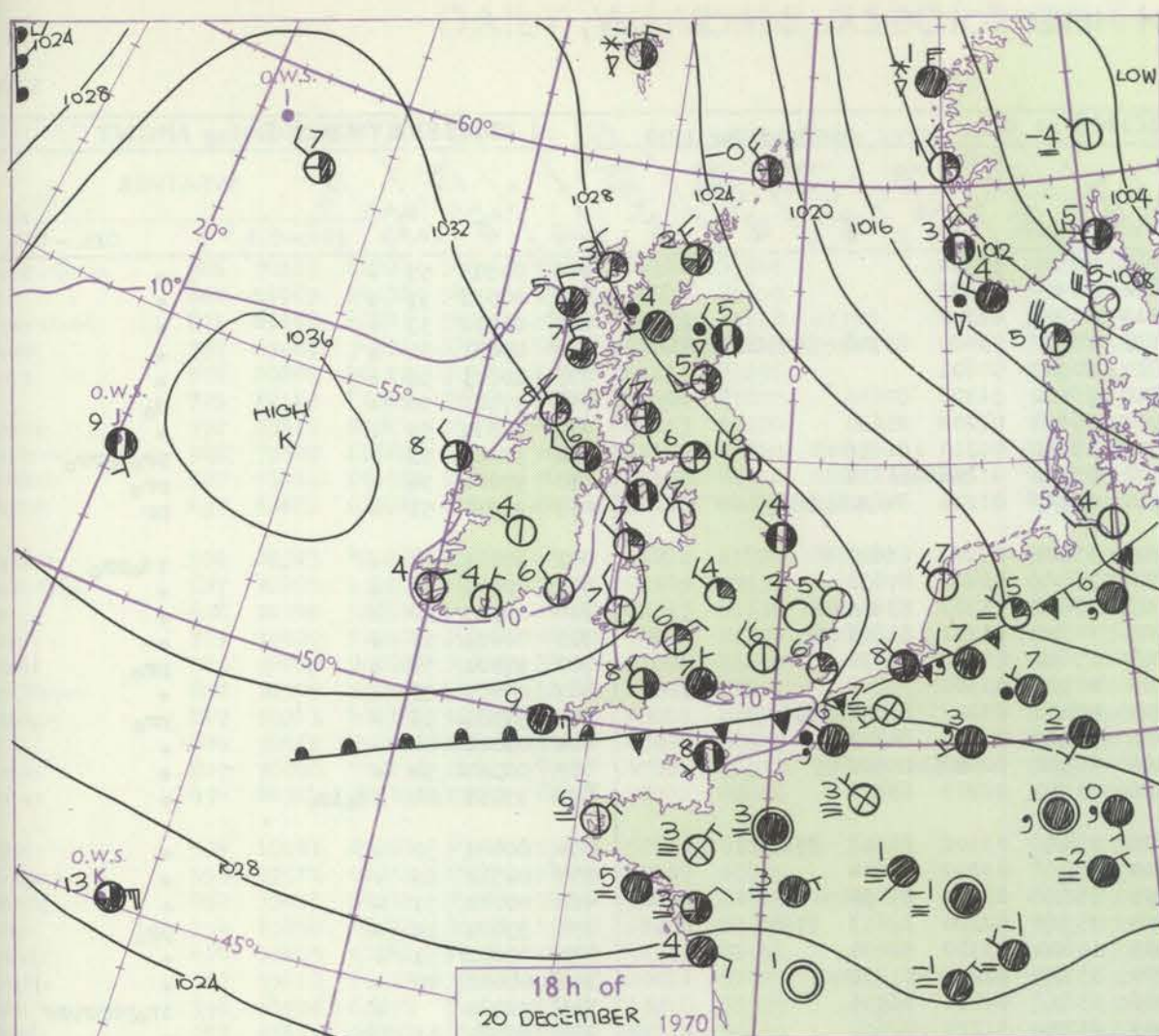
Date of Issue Monday 21 December 1970

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY							
20 December 1970										20 December 1970																	
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																							09h.—15h.	15h.—21h.			
Boscombe Down	746	83605	28516	28907	863//	06210	88706			746	70208	58056	30707	755//	04215	87623			746	01081	000				d _o d _o r	+	
Hurn	862	70000	30102	29006	754//	05210	81715	84625	87645	862	83603	60036	30407	855//	05315	88629			862	01081	002				d _o r _o d _o r	+	
Thorney Island	871	82701	28104	29107	854//	07006	88615			871	53507	40056	30407	55600	06215	85639			871	92081	000				ifr _o	+	
Manston	797	82909	46211	27608	854//	06104	82712	88614		797	23610	70026	29506	25630	01216	82645			797	95081					ir _o	+	
Gatwick	776	82403	56104	28807	854//	06005	88612			776	60000	14116	30304	65600	03215	84630	85656		776	96081	000				ir _o	1f	
Kew	775	82504	40212	28308	6542/	06106	83710	85640	88460	775	03305	48051	30506	00900	03217			775	97091	001					d _o d _o r _o	+	
Heathrow	772	82606	40216	28107	856//	06008	86632	88650		772	13208	50051	30206	15600	02317	81645			772	97091	001				r _o	+	
Honington	586	63310	59216	27408	45331	05115	81708	84650		586	02805	80026	29502	00900	00212			586	97093						ir _o r _o	+	
Wattisham	590	73412	37216	27208	753//	07010	81709	87645		590	03307	64016	29802	00900	00214			590	97081	023					ir _o	+	
Gorleston	497	63006	57018	26408	68500	06215	82820	86630		497	03005	60011	28205	00900	01213			497	00090	028					+	+	
Aberporth	502	23414	74016	30207	11502	03116	81825			502	13412	83010	32107	14500	02210	81620			502	00081	046				+	+	
Ross-on-Wye	627	82902	70026	29408	856//	06121	88630			627	13002	81021	31604	00901	01218	81075			627	92091	002				r _o	+	
Filton	628	80310	66206	29408	885//	05119	81820	88650		628	30208	62011	31406	35700	50215	83650			628	97091	000					ir _o d _o	+
Rhoose	715	80511	57506	29108	873//	07117	88708			715	33305	70016	31506	35500	04215	83625			715	91101	001					ir _o d _o f	+
Chivenor	707	70000	81216	29410	4557/	08114	81620	84645	87360	707	73611	80025	31608	756//	03218	87630			707	02101	001					d _o d _o dr _o r	d _o
Mount Batten	827	72601	37041	29609	756//	07008	82630	87645		827	73606	48051	30809	754//	07316	84712	87630		827	00111	007					+	+
St. Mawgan	817	72708	66031	30310	753//	09111	86708	87645		817	20312	82016	31707	25600	04214	82640			817	97101	007					ir _o	+
Silly	804	62904	81031	30312	35530	08013	83625	85358		804	80613	74032	31209	855//	06213	88622			804	00131	030					+	+
Culdrose	809	52702	72031	30211	58500	09114	81820	85632		809	70312	78022	30708	784//	06312	82818	87623		809	00120	026					+	+
Guernsey	894	32106	68011	29709	35302	07006	81708	83625		894	72807	60021	29909	753//	08304	81708	87630		894	97091	016					+	1d _o
Elmdon	534	23611	60016	29108	25600	03115	82645			534	23308	40040	31104	00901	01210	82075			534	97081	034					ir _o	+
Cardington	559	73102	40606	28309	754//	07115	82712	85618	87635	559	02905	59056	30403	00900	01316			559	91093	019					r _o	+	
Wittering	462	53211	74036	28408	55600	03119	85640			462	22910	58021	29803	25600	01107	82630			462	97081	036					r _o	+
Watnall	354	03207	40045	28907	00900	03118				354	12806	58010	30504	10970	01211	81360			354	97081	043					+	+
Shawbury	414	33208	66018	29807	38500	05116	82823			414	53010	83011	31604	25701	01212	82650	85075		414	91081	036					pr _o	+
Finningley	360	03111	48041	28208	00900	03012				360	42907	48041	29505	40930	03110	84362			360	00081	050					+	+
Kilnsea	396	03217	58011	27307	00900	03117				396	72911	66031	28504	50978	03210	85360	87275		396	00080	065					+	+
Leeming	257	12910	85020	27607	15630	02111	81640			257	52906	82011	28605	00901	01110	85075			257	00081	063					+	+
Tynemouth	262	02715	61020	25806	00900	01111				262	12714	61010	26806	00901	03105	81075			262	00071	054					+	+
Carlisle	222	62611	74031	27707	684//	03011	81717	85625		222	32711	80011	28506	15632	04208	81630			222	00081	058					+	+
Valley	302	33312	83030	30809	35500	02118	83624			302	33010	82011	32207	14602	03212	81630	83075		302	00091	067					+	+
Ringway	334	32906	40041	29407	32400	04016	83818			334	22707	56040	30905	20930	03213	82365			334	00081	059					+	+
Squires Gate	318	12908	65011	29508	18500	05115	81825			318	12910	62010	30407	18501	04208	81825			318	97081	060					+	pr _o
Ronaldsway	204	12813	86020	30107	18400	04126	81818			204	72808	86031	31607	785//	04110	82820	87635		204	97091	060					+	pr _o
Mull of Galloway	131	12715	78020	29607	11500	03121	81820			131	23020	84030	30207	23500	04309	82925			131	92071							
Eskdalemuir	162	12710	74011	27204	12500	01113	81820			162	72711	74251	28005	784//	02205	86819	85627		162	91061	030					+	pr _o
Prestwick	135	32811	77020	27508	28501	03114	82825			135	53112	75258	28507	58502	04208	82824	84830		135	95081	037					+	pr _o
Abbotsinch	140	32510	80018	26807	31501	03115	83825			140	62714	75808	27407	686//	03306	83830	84640		8								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

A trough over central England yesterday morning moved steadily southeast into France and a strong ridge of high pressure has now built behind it. The anticyclone near O.W.S. 'J' has moved northeast to northwest of Ireland and will

continue into west Scotland. A cold northerly airstream covers the British Isles with rather strong winds down the east coast.

Issued at midday Monday 21

December 1970

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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		21 December 1970										21 December 1970																			
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h C _h H	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR _T T _n E	T _g T _g	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	03205	58051	32801	00900	50105				746	03308	61020	32700	00900	51500				746	00503	57	+	+								
Hurn	862	03506	65020	32601	00900	50209				862	00000	60020	32852	00900	53303				862	00533	57	+	+								
Thorney Island	871	03302	58021	32303	00900	01104				871	02906	62020	32302	00900	01302				871	00011	53	+	+								
Manston	797	03212	58020	30405	00900	02001				797	63514	56051	30105	653//	03400	83708	84710	85630	797	00041	01	+	+								
Gatwick	776	02703	50104	31950	00900	51104				776	03405	50050	31501	00900	00601				776	00523	56	+	+								
Kew	775									775	21904	24100	31351	25600	51103	82636			775	97521	56	+	d _o								
Heathrow	772	02604	50100	31550	00900	51203				772	12805	58030	31202	15600	01204	81630			772	00511	55	+	+								
Honington	586	02708	58020	30001	00900	51801				586	23211	56030	30501	15430	00210	81616			586	92003	52	+	pr _o so _{pr} o								
Wattisham	590	03107	58020	30101	00900	50803				590	13412	56030	30502	15400	01206	81615			590	97001	54	+	pr _o								
Gorleston	497	02707	56050	28903	00900	01306				497	83625	60818	28706	885//	01204	84820	88630		497	95012	51	+	pr								
Aberporth	502	03217	66020	34107	00900	03106				502	33220	66201	34107	35500	05203	83620			502	97061	04	+	1d _o pr _o								
Ross-on-Wye	627									627	72201	70021	32802	756//	01400	87630			627	00511	55	+	+								
Filton	628	02804	58050	33104	00900	00006				628	33004	59050	33203	35600	01303	83635			628	00013	52	+	+								
Rhoose	715	03204	80020	33602	00900	00005				715	12906	81030	33601	10940	01302	81360			715	00001	53	+	+								
Chivenor	707	00000	74021	34103	00900	01111				707	11105	74010	34201	15600	01102	81630			707	97001	54	+	pr _o								
Mount Batten	827	03603	62021	33804	00900	03111				827	00105	69020	34203	00900	03301				827	00031	53	+	+								
St. Mawgan	817	00706	80020	34604	00900	02110				817	40406	74011	34904	48400	03202	81818	83625		817	97031	53	+	pr _o								
Scilly	804	20511	81031	34508	25500	02213	82623			804	50708	83031	35109	58500	03304	84823			804	00081	04	+	+								
Culdrose	809	10407	82011	33704	15500	02210	81626			809	40304	81030	34404	42500	02002	84822			809	00020	54	+	+								
Guernsey	894	10509	70016	31307	10930	04108	81360			894	30209	84030	32206	31530	02203	83822			894	93051	02	1d _o ir _o	+								
Elmdon	534	13105	59010	32203	15700	02002	81650			534	73409	62031	32605	754//	03308	83618	87650		534	00021	52	+	+								
Cardington	559	02606	28100	31300	00900	00002				559	83208	56051	31604	856//	03207	88644			559	00511	55	+	+								
Wittering	462	02913	37040	30904	00900	02106				462	73411	56031	32105	756//	03215	87634			462	00021	51	+	+								
Watnall	354	02406	40040	31103	00900	02001				354	70211	66021	33204	755//	02220	82623	87640		354	97021	52	+	pr _o								
Shawbury	414	52707	69011	32604	55500	02002	81620	85626		414	13310	74011	33405	15600	03310	81630			414	00031	51	+	+								
Finningley	360	03012	58041	30005	00900	03001				360	13411	70011	32804	15700	02220	81650			360	00021	00	+	+								
Kilnsea	396	02918	58020	28704	00900	03400				396	60232	66818	30906	636//	04214	86935			396	92031		+	ir _o pRprphr								
Leeming	257	03012	82021	29405	00900	02107				257	23513	82018	34303	25700	51225	82650			257	97021	51	pr _o	+								
Tynemouth	262	63014	74258	29105	6097/	02219	86358			262	73220	81028	33403	725//	52223	87825			262	94021	01	pr _o	ph								
Carlisle	222	12907	74010	30804	15600	03312	81640			222	30000	74021	35801	28530	51226	81822			222	00513	55	+	+								
Valley	302	13014	82010	33707	15500	05007	81620			302	53516	80018	34907	58400	01307	82815	84628		302	92041	01	pr _o	pr _o								
Ringway	334	42909	58028	31806	48400	04108	81818	84625		334	50212	75021	33705	55600	50320	85630			334	97031	50	pr _o	+								
Squires Gate	318	62811	70028	31807	685//	05005	82825	85635		318	60307	75031	34604	685//	02321	81820	86650		318	97020	51	pr _o	+								
Ronaldsway	204	52911	84018	33107	52400	05210	82712	85816		204	23509	86038	35604	22500	02219	82822			204	97031	00	pr _o	+								
Mull of Galloway	131	23318	84018	32006	25600	04310	82640			131	13517	84030	35803	15600	51222	81635			131	96021			+								
Eskdalemuir	162	03011	74021	30802	00900	00216				162	00000	74018	36251	00900	55224				162	97531	57	pr _o	+								
Prestwick	135	13211	80028	31505	18400	02215	81815			135	21501	82031	37000	25600	52226	82643			135	97523	54	+	+								
Abbotsinch	140	23008	82038	31703	28500	01228	81825			140	50702	80038	37502	55600	52227	81630	85645		140	91513	56	pr _o	+								
Leuchars	171	23607	82018	31103	25600	00235	82640			171	13208	82021	36001	15600	54219	81640			171	97513	55	pr _o	+								
Dyce	091	53313	80038	30602	22603	51232	82830	85070		091	23211	80268	34801	22600	53114	82830			091	97513	54	pr _o so _{ps} o	ps _o pr _o so								
Lerwick	005	43414	80268	28251	43400	55238	83912			005	72809	80031	31001	794//	54002	81912	86650		005	01526	54	ps _o	pr _s								
Wick	075	23213																													

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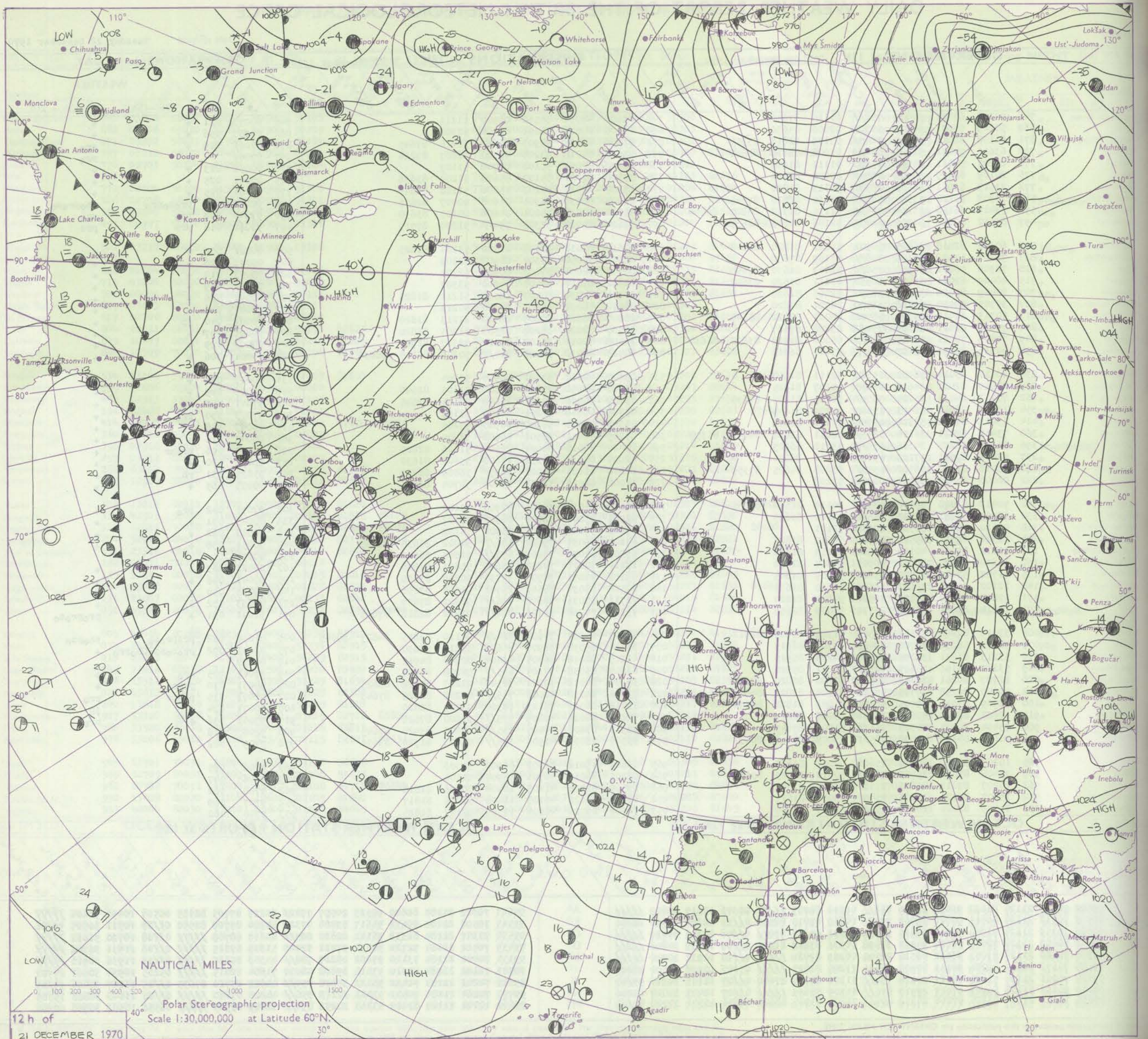
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39842

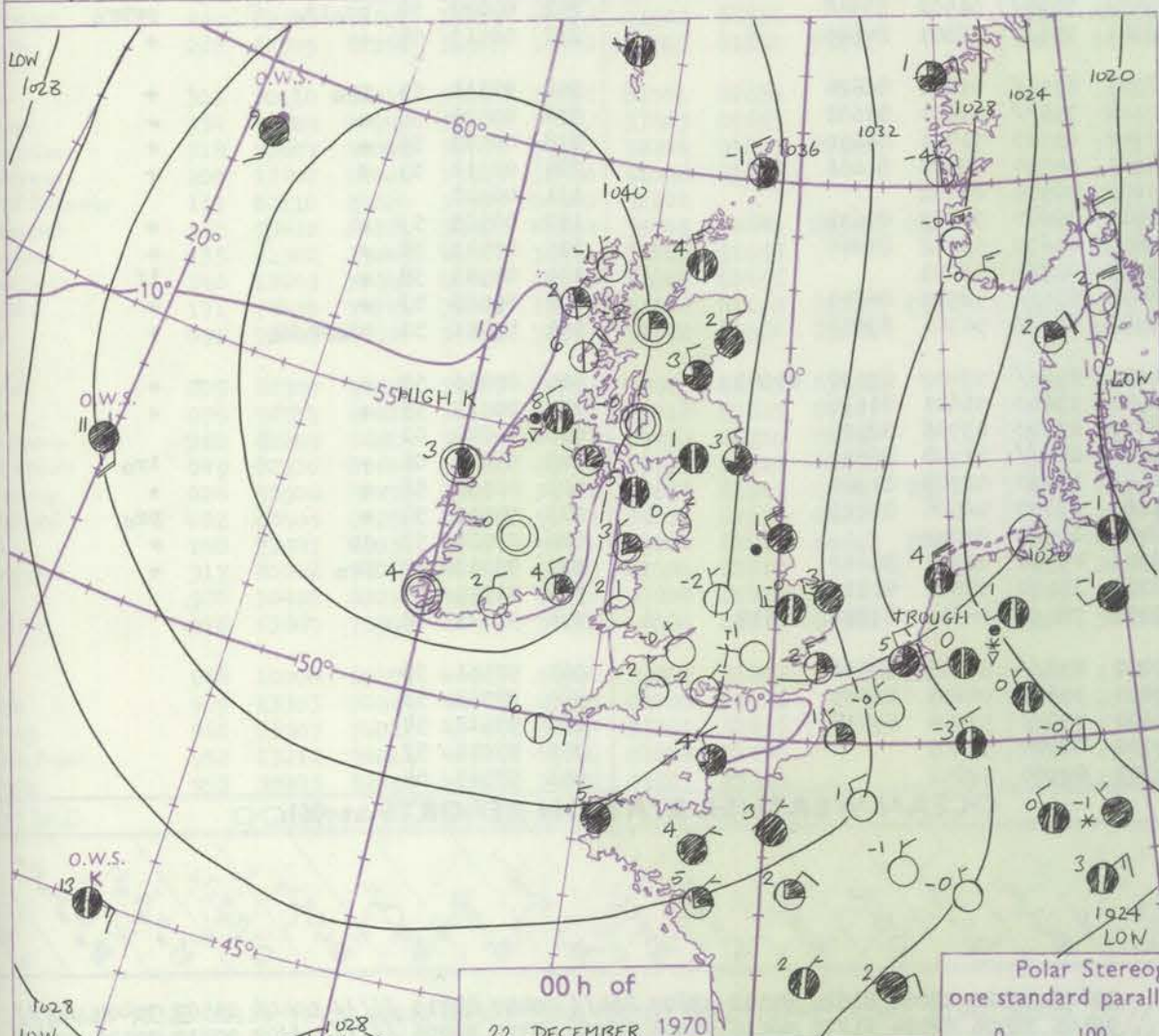
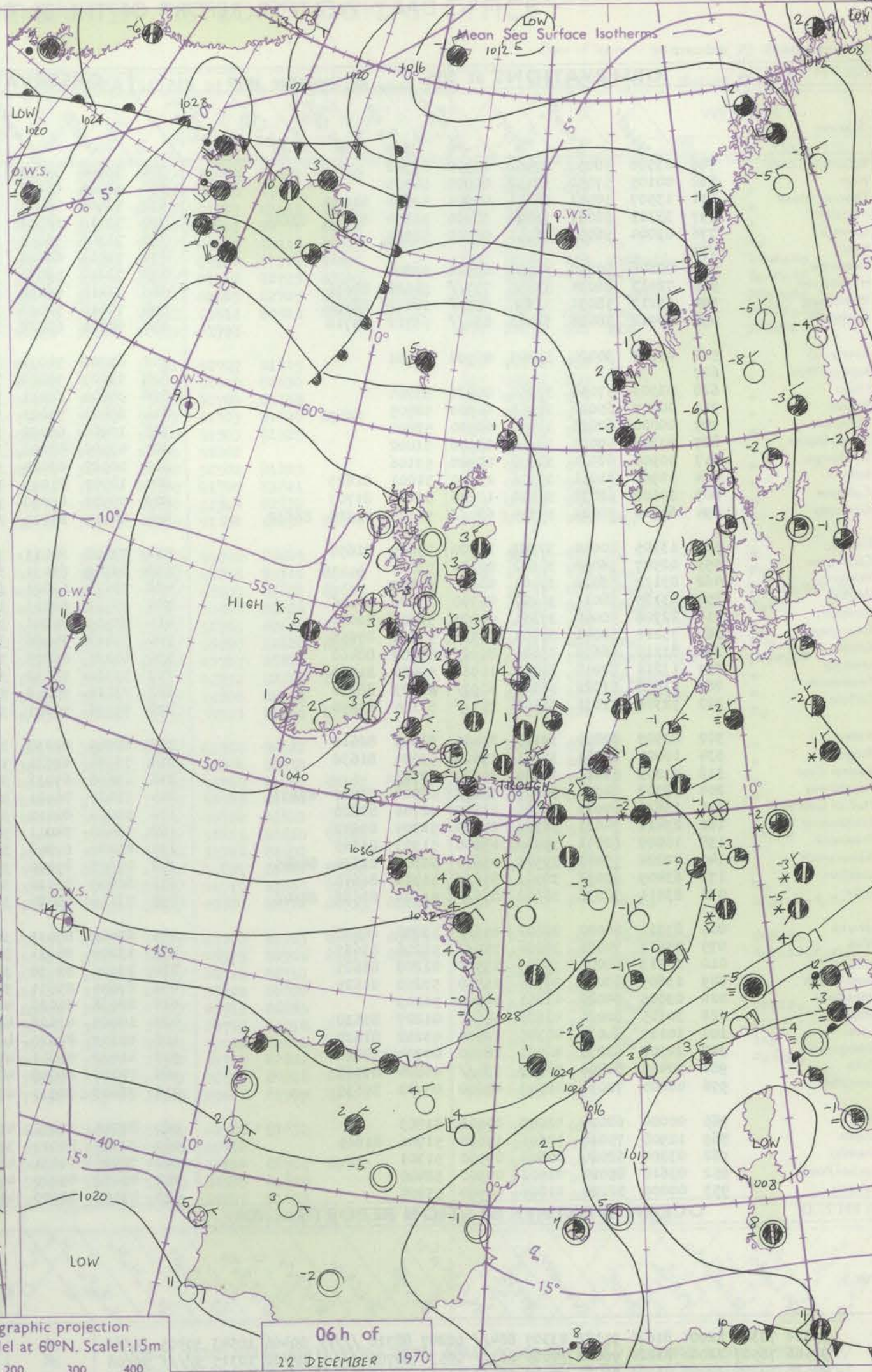
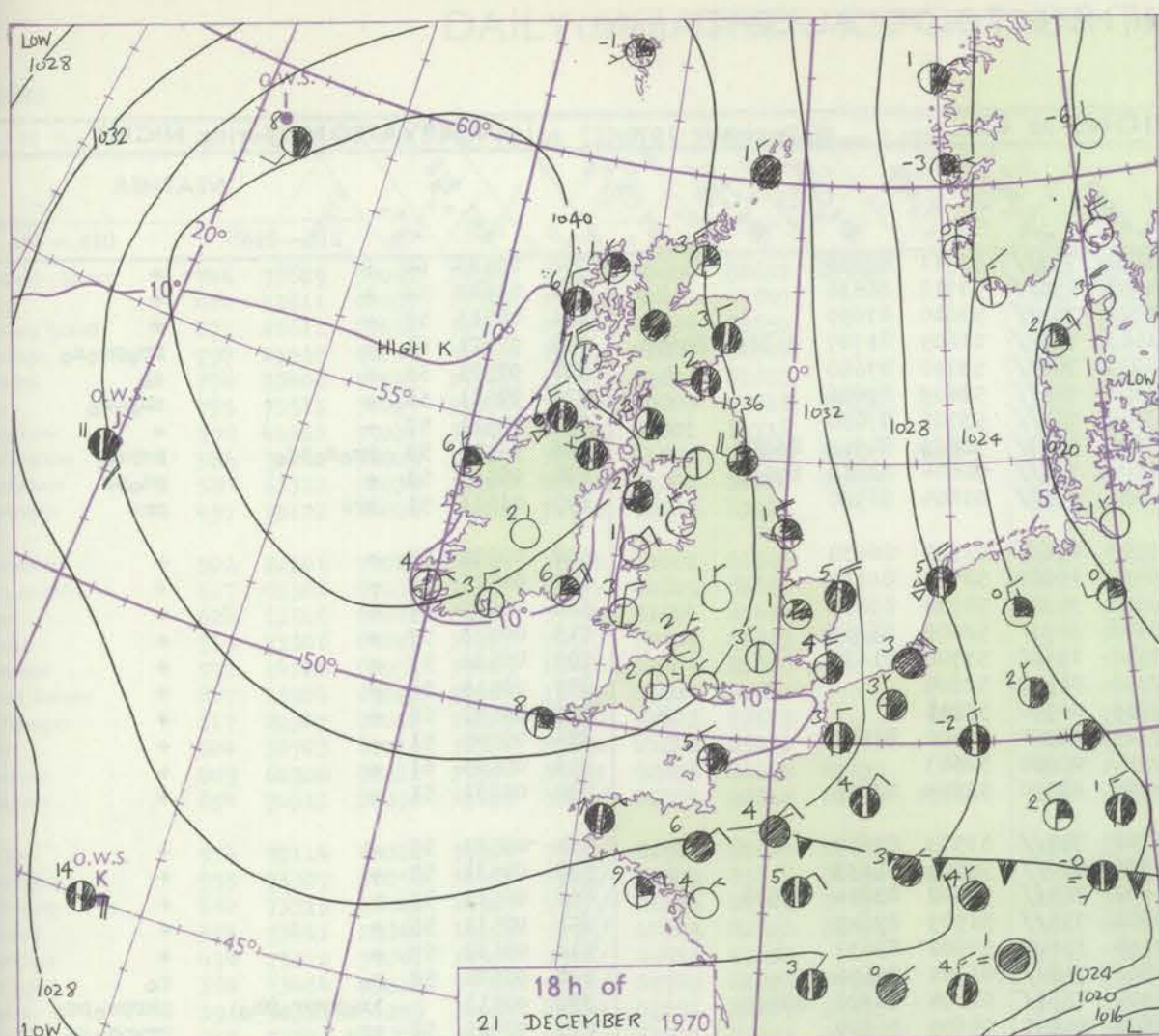
Date of Issue Tuesday 22 December 1970

Code FM II.D		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY											
		21 December 1970										21 December 1970																					
Station		iii	Nddff	VVwwWW	PPPTT	N _h Ch _M Ch	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwWW	PPPTT	N _h Ch _M Ch	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RR	T	E	WEATHER									
																																09h.—15h.	15h.—21h.
Boscombe Down		746	70312	62021	34905	756//	01110	87645			746	03606	48051	36550	00900	51211					746	00053	021	+	+								
Hurn		862	50209	64031	34505	55700	02006	85650			862	03406	60021	36151	00900	52308					862	00063	056	+	+								
Thorney Island		871	60108	62011	34505	2843/	03109	81818	83358		871	73506	66038	35903	756//	50210	87645				871	97061	029	+	pro								
Manston		797	63615	74031	32305	684//	01008	83815	85640		797	43617	75018	33204	48500	52207	83826				797	97061		+	pro								
Gatwick		776	20207	58011	34005	15730	01111	81656			776	03606	57051	35102	00900	51107					776	00051	023	+	+								
Kew		775	20109	62025	33905	28500	00008	81820			775	33506	61021	35103	35600	51204	83636				775	00051	025	+	+								
Heathrow		772	23513	62011	34505	28501	00113	81820			772	13307	62011	35203	15600	51106	81645				772	00061	025	+	+								
Honington		586	73308	62268	33304	785//	01110	82820	87645		586	23009	66238	34301	25600	00007	82636				586	92053		proso	proso								
Wattisham		590	73410	66158	33204	784//	01110	81712	84820	86640	590	33310	62018	34001	34600	00105	83630				590	97043	028	pro	pro								
Gorleston		497	63622	62018	31305	68400	52106	84815	86635		497	73620	60028	32305	794//	51204	87915				497	93062	016	prs	prs								
Aberporth		502	60313	82018	36805	68501	51212	81820	86640		502	13612	83011	38103	11500	53204	81825				502	00081	039	+	+								
Ross-on-Wye		627	70207	57022	36305	756//	01109	87630			627	03502	48050	37301	00900	52109					627	00053	028	+	+								
Filton		628	70308	58051	35905	756//	02213	81630	87640		628	00106	58051	37002	00900	52305					628	00053	010	+	+								
Rhoose		715	40409	62011	36005	38530	02111	81820	83650		715	03402	65011	27501	00900	53307					715	00051	019	+	+								
Chivenor		707	20409	80028	35608	28530	02006	81820			707	20703	74031	37403	18530	51211	81825				707	00091	026	+	+								
Mount Batten		827	30307	59050	35208	38500	04001	81820			827	00412	56051	36605	00900	50212					827	00081	046	+	+								
St. Mawgan		817	50313	82018	35707	58500	04001	82820	85645		817	20807	66011	37203	28500	01213	81820				817	00081	040	jp	+								
Scilly		804	70512	82021	36109	754//	03208	87617			804	30707	82021	36208	38500	01205	82820				804	00091	007	+	+								
Culdrose		809	70408	78021	35607	794//	05004	81918	83822	86630	809	30408	72011	36103	39500	02307	81920				809	00070	029	+	+								
Guernsey		894	60314	84031	33207	624//	03001	86818			894	80413	80032	34205	884//	50209	82815	88636				894	00081	006	+	+							
Eimdon		534	10111	65011	36404	15700	52111	81650			534	03607	58010	37301	00900	53204					534	00043	044	+	+								
Cardington		559	23610	62031	34605	28500	50107	81825			559	23308	58051	35802	25600	51205	82640				559	00053	029	+	+								
Wittering		462	73413	64031	35204	785//	50205	81825	87635		462	23209	50026	35901	25600	52104	82645				462	97041	023	ro	+								
Watnall		354	13610	48048	36403	15600	51209	81645			354	03307	40048	37201	00900	53105					354	97053	030	pro	+								
Shawbury		414	13413	61041	37304	15700	51111	81656			414	03308	48040	38300	00900	53205					414	00043	048	+	+								
Finningley		360	73412	62031	36104	5853/	00011	81820	84650	86359	360	03209	56041	36501	00900	52000					360	00043	015	+	+								
Kilnsea		396	60330	66278	34305	635//	53210	86925			396	23420	66018	35001	22500	51106	82825				396	97060	016	prphr	+								
Leeming		257	63414	69041	37203	65600	52110	86630			257	12805	82031	37151	15600	55602	81630				257	00031	020	+	+								
Tynemouth		262	73418	61028	36502	4553/	53208	84625	87359		262	62818	61021	36001	6097/	56809	86359				262	01031	031	ph	+								
Carlisle		222	00000	64020	39101	00900	53208				222	12202	66010	38351	15600	54704	81645				222	00033	065	+	+								
Valley		302	50412	82018	38606	58500	00118	81820	85635		302	00110	82011	39401	00900	53102					302	97071	042	pro	+								
Ringway		334	13509	59031	37403	15600	53110	81635			334	02905	25040	38001	00900	53302					334	00043	051	+	+								
Squires Gate		318	00110	70011	38303	00900	52111				318	03406	30040	38501	00900	54102					318	00040	062	+	+								
Ronaldsway		204	10306	89011	39504	18500	50012	81825			204	63104	89031	39602	686//	54002	81835	86650			204	00051	058	+	+								
Mull of Galloway		131	10212	87010	40103	15500	54113	81620			131	63508	84030	39203	656//	51603	86640				131	00051											
Eskdalemuir		162	13510	80020	38801	00901	55004	81074			162	13110	78011	37850	15600	55803	81648				162	00021	063	+	+								
Prestwick		135	11702	57040	40202	15600	53007	81645			135	43106	70051	38703	35730	50708	83650				135	00041	046	+	+								
Abbotsinch		140	12102	50041	39602	15600	52000	81635			140	22508	63031	38601	25701	52508	82656				140	00033	040	+	+								
Leuchars		171	12808	89020	37602	18500	54801	81820			171	72711	83031	36602	756//	52301	87640				171	00033	052	+	+								
Dyce																																	

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over northwest Ireland continues to remain almost stationary. Weak troughs of low pressure have been moving steadily south across the North Sea accompanied by strong northerly winds along the east coast of

England. During the next 24 hours little change is expected in the synoptic pattern over the British Isles.

Issued at midday Tuesday 22 December 1970

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

Code FM I.I.D.		OBSERVATIONS at 00h.										22 December 1970										OBSERVATIONS at 06h.										22 December 1970										OBSERVATIONS during NIGHT									
Station		iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER																			
																																21h.—03h.	03h.—09h.																		
Boscombe Down		746	03508	40050	37452	00900	53702				746	73608	59051	35551	757//	53711	87656				746	00533	60	+									+																		
Hurn		862	00105	57050	37152	00900	54400				862	63506	66031	35351	656//	53711	86630				862	00543	59	+									+																		
Thorney Island		871	13507	58051	36401	00901	52604	81072			871	73409	56051	34701	757//	53610	87650				871	00513	57	+									+																		
Manston		797	33315	66031	33402	38400	51804	81812	83645		797	73419	66031	31503	783//	01605	81707	85810	87650		797	97021	01	+									proproso																		
Gatwick		776	03004	56051	36051	00900	53803				776	73307	56051	34000	757//	53710	87650				776	97525	55	+									so																		
Kew		775									775	73511	61021	33602	757//	52609	87656				775	97511	56	+									sh-ro																		
Heathrow		772	02806	50050	35551	00900	53806				772	73210	59021	33902	757//	53706	87650				772	00521	57	+									+																		
Honington		586	72913	66031	33550	757//	54610	87656			586	73110	48268	32801	4643/	50603	84712	86362		586	94515	53	proso	psps									psps																		
Wattisham		590	63213	58031	33350	657//	54815	86656			590	73410	50038	32500	784//	50804	82810	87635		590	95515	53	+										psops																		
Gorleston		497	82912	58038	31403	864//	53712	88716			497	60128	62028	30405	635//	01804	86920				497	01011	51	prs									prs																		
Aberporth		502	03602	80020	39302	00900	52601				502	60706	74031	37503	656//	01508	86638				502	00003	55	+									+																		
Ross-on-Wye		627									627	13007	70020	36450	15600	52710	81630				627	00523	57	+									+																		
Filton		628	03303	57050	37950	00900	53704				628	30000	60011	36550	35700	54710	83656				628	00523	57	+									+																		
Rhoose		715	00107	65020	37951	00900	52505				715	63407	75021	36902	6093/	52606	86360				715	00523	57	+									+																		
Chivenor		707	00000	62020	38550	00900	52802				707	10906	66030	37552	15600	53708	81635				707	00533	57	+									+																		
Mount Batten		827	00306	59020	38101	00900	51002				827	03505	58020	37300	00900	52805				827	00513	56	+										+																		
St. Mawgan		817	00908	62010	38750	00900	53106				817	00507	66020	37700	00900	53301				817	00523	56	+										+																		
Scilly		804	10909	81011	37506	15500	51001	81623			804	10707	81020	37305	11500	51400	81821				804	00040	51	+									+																		
Culdrose		809	10606	62030	38100	17200	51105	81703			809	00503	69020	37950	00900	52603				809	00523	61	+										+																		
Guernsey		894	60310	74022	35705	684//	51105	81818	86632		894	20111	81010	35204	28500	52603	82825				894	00031	51	+										+																	
Elmdon		534	13305	40040	37252	15700	55609	81650			534	73608	60011	36202	757//	53503	87650				534	00523	57	+									+																		
Cardington		559	02507	56050	35652	00900	53507				559	83508	61031	34302	856//	50505	88633				559	00531	57	+									+																		
Wittering		462	03112	56020	35401	00900	55609				462	73413	62021	34802	784//	50502	83814	87634		462	00511	53	+										+																		
Watnall		354	43105	58011	36400	45700	53606	84656			354	73512	62021	35802	756//	51503	87647				354	97511	55	+									+																		
Shawbury		414	22908	40040	37851	00901	52606	82072			414	33509	40041	37150	35600	51602	83632				414	00533	57	+									+																		
Finaingley		360	73212	58041	35702	757//	53606	87656			360	73412	74026	35802	758//	01301	87656				360	97501	52	ro									ro																		
Kilnsea		396	83218	66608	33601	8097//	53709	88460			396	60226	66278	33904	4357//	01104	84920	83360		396	92511	52	ir	propropho									phrproproso																		
Leeming		257	13214	82010	36503	10930	52400	81360			257	53310	74032	36603	55600	00603	85630				257	97021	52	pro									proproso																		
Tynemouth		262	63418	61022	36203	6097//	80203	86358			262	73214	74258	36403	7097//	00502	87358				262	04022	50	proiro									propro																		
Carlisle		222	72302	61031	38501	757//	51105	87650			222	73306	70021	38701	756//	52801	87640				222	00513	54	+									+																		
Valley		302	23507	82030	39103	25400	51805	82616			302	60209	82038	38505	655//	01201	86624				302	91511	55	pro									+																		
Ringway		334	10000	27041	37951	15600	53604	81636			334	73305	62021	37102	756//	52601	87632				334	00521	55	+									+																		
Squires Gate		318	00203	60011	38000	00900	52703				318	63606	65031	37702	65700	51701	86650				318	00523	56	+									+																		
Ronaldsway		204	73302	84031	38805	784//	03704	83817	87631		204	13406	86021	38901	15700	50400	81656				204	00511	55	+									+																		
Mull of Galloway		131	13620	84010	38405	11500	02706	81820			131	00510	82010	39203	00900	01102				131	00021												+																		
Eskdalemuir		162	23411	740217																																															

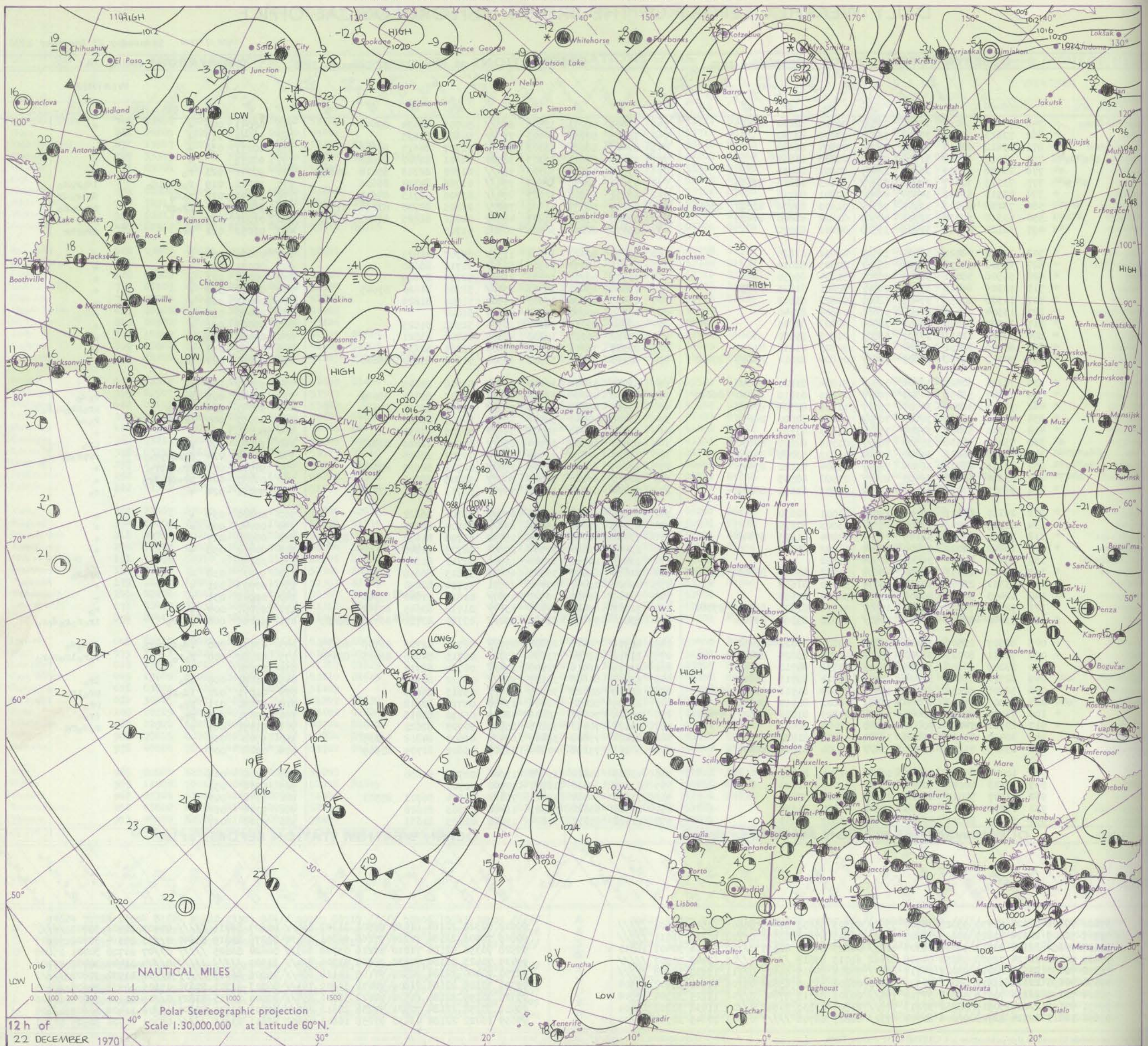
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

Date of Issue Wednesday 23 December 1970

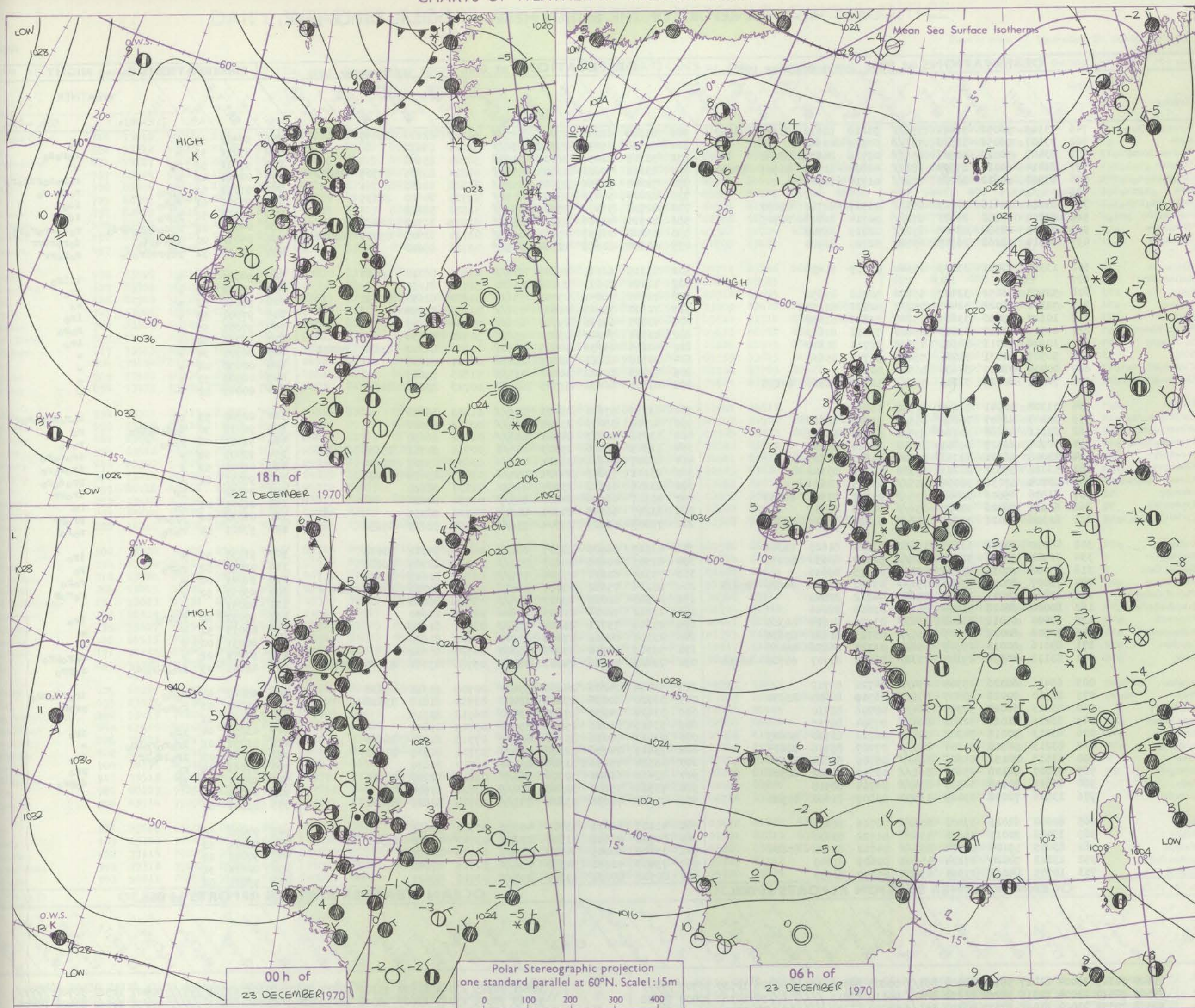
No. 39843

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
22 December 1970										22 December 1970														
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT T E	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	73609	59052	35502	756//	50804	82632	87645		746	83609	48051	33802	856//	50709	81634	88640		746	00041	006	+	+	
Hurn	862	73611	62032	35704	756//	50400	87640		862	73409	50051	34003	756//	50603	87635				862	00041	012	+	+	
Thorney Island	871	23612	62011	34904	25701	00804	82650		871	83406	58021	33303	854//	01707	84615	88640			871	00051	038	+	+	
Manston	797	23517	66028	31605	28401	01803	81815		797	53415	64011	31103	58300	01601	82707	84810			797	00051		+	+	
Gatwick	776	23408	57057	34103	18401	50801	81815		776	73507	45056	32303	754//	01707	82713	85618	86645		776	97041	023	r _o	r _o	
Kew	775	73513	70027	34004	784//	50803	83816	87656		775	73611	56058	32504	754//	01706	84714	86636		775	97041	019	r _o pr _o id _o	id _o r _o s _o	
Heathrow	772	43313	59031	34404	46400	00801	84716		772	83311	56206	32603	854//	01706	86715	88645			772	97041	018	r _o d _o	d _o -r _o dr	
Honington	586	73112	58808	33103	783//	01803	82706	83820	85635	586	73109	50038	31602	792//	01805	82705	83818	87644	586	96031		pr _o pr	pr _o r _o s _o	
Wattisham	590	63312	60038	32903	48502	01802	81820	84635		590	53208	37018	31201	48502	01811	82825	83640	85070	590	01031	029	pr _o	pr _s pr _o id _o	
Gorleston	497	30122	64018	31405	33530	00202	83920		497	03510	64278	30104	00900	01703					497	01052	021	pr _s	pr _s sph _r	
Aberporth	502	10106	78021	38404	18500	01002	81825		502	13410	80010	36604	11500	52707	81825				502	00051	050	+	+	
Ross-on-Wye	627	63502	57012	36703	656//	00805	86630		627	83306	48052	34903	856//	51710	88630				627	00031	003	+	+	
Filton	628	53506	58041	36403	55700	51804	85650		628	73505	56051	35103	756//	52704	87649				628	00041	023	+	+	
Rhoose	715	73306	64021	37103	785//	50801	81825	87650		715	73006	65021	35302	755//	51705	81620	87645		715	00061	038	+	+	
Chivenor	707	10308	60051	37405	18400	00803	81818		707	13605	69020	35903	14500	51503	81825				707	00061	068	+	+	
Mount Batten	827	13504	69020	37004	15600	01804	81640		827	00305	40050	35703	00900	51000					827	00050	056	+	+	
St. Mawgan	817	20307	82020	37805	28500	02803	82825		817	10510	80011	36303	12500	52502	81825				817	00063	051	+	+	
Silly	804	50703	81011	37307	55600	01803	85630		804	40412	81021	35206	48500	01707	83821				804	00070	035	+	+	
Culdrose	809	60308	82031	37504	38441	52803	81818	83630		809	20307	78011	36401	25600	51304	82630			809	00060	054	+	+	
Guernsey	894	70313	82058	34605	784//	01804	82812	83815	87640	894	60213	80012	32903	68500	51604	83820	86640		894	97051	020	pr _o	+	
Elmdon	534	70114	60022	36304	785//	51804	81820	87650		534	83511	56046	34403	856//	51708	88645			534	97041	007	r _o	+	
Cardington	559	73307	58058	34503	784//	01805	83818	84630	86640	559	83306	48056	33203	854//	01807	85710	88629		559	97041	008	ps _o	r _o d _o	
Wittering	462	73313	56042	34903	753//	01806	84706	87635		462	73311	48258	33303	755//	01707	83624	87636		462	97041	006	ph _o r _o	pr _o pr _o s _o r _o s _o	
Watnall	354	73411	28262	36103	785//	00803	82820	86635		354	83408	40042	34403	855//	00807	88626			354	97031	000	pr _o sh _o pr _o s _o	r _o s _o	
Shawbury	414	73310	56041	37303	756//	51803	87632		414	73207	58042	35902	756//	51705	87630				414	00031	009	+	+	
Finningley	360	73414	58038	35504	785//	01709	82820	87650		360	83413	66808	33904	855//	00807	82620	88628		360	97041	002	pr _o	pr _o	
Kilnsea	396	50320	66258	34004	48570	01603	83825	85360		396	83210	64818	32904	824//	02707	88815			396	03062	014	ph _r pr _o pr _o pr	pr _o pr _o pr	
Leeming	257	73515	66808	36904	785//	51804	83822	87645		257	73209	69018	34703	2563//	02712	82635	87360		257	97051	001	pr _o s _o pr _o	+	
Tynemouth	262	83314	48608	36603	8062//	01502	88535		262	82910	61026	34303	8097//	52808	88358				262	01051	000	pr _s pr _o ir _o	+	
Carlisle	222	62905	62032	38902	15742	52803	81650	85072		222	72202	61032	36402	5577//	52713	85656	87360		222	97051	022	+	r _o	
Valley	302	20110	80011	39006	25600	51001	82630		302	60106	80031	37403	655//	51706	86622				302	00061	035	+	+	
Ringway	334	73309	40042	37304	756//	53803	87635		334	83105	30042	35803	856//	52804	88630				334	00041	000	+	+	
Squires Gate	318	73607	50042	38105	785//	52804	81825	87648		318	73505	40041	36304	15732	51708	81650	83362	85075	318	00050	027	+	+	
Ronaldsway	204	13602	86020	39805	18500	51002	81828		204	13406	82020	37504	15602	52709	81640				204	00051	058	+	+	
Mull of Galloway	131	00110	84020	39905	00900	51802			131	13613	84010	37503	11500	00712	81820				131	00051				
Eskdalemuir	162	73412	80031	38602	45632	55703	84640	85362	86070	162	71602	69032	35901	6563//	53815	86638	85363		162	97031	038	+	pr _o s _o	
Prestwick	135	11302	25040	40201	15731	52000	81656		135	40000	20041	37050	25731											

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPSIS DEVELOPMENT

The large anticyclone remains stationary to the northwest of Ireland. Weak troughs of low pressure have moved south into Scotland. During the next 24 hours a depression is expected to move south over the eastern North Sea into northwest Germany. The associated cold front will continue moving south over England to be

followed by a cold unstable northeasterly airstream over east and southeast England while Ireland and most of Scotland remain in the milder anticyclonic circulation.

Issued at midday Wednesday 23 December 1970

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

OBSERVATIONS at 00h. 23 December 1970										OBSERVATIONS at 06h. 23 December 1970										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwwVV	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwwVV	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRR T _n E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	73509	56052	31401	756//	51818	81632	83645	86657	746	83308	62031	27401	855//	51727	82620	88657		746	97501	55	+	d _o	
Hurn	862	73507	56052	31503	756//	00717	87640			862	83308	65032	27302	856//	51724	88632			862	97011	51	+	r _o r _o s _o	
Thorney Island	871	83407	58212	30903	856//	01718	84631	88640		871	53307	58016	26602	55600	52824	85641			871	97011	51	r _o	+	
Manston	797	83414	60021	27703	882//	02724	81705	86807	88640	797	83212	59602	23703	852//	02824	83705	85709	88620	797	02021	02	+	r _o r _o s _o r _s r _o r _o	
Gatwick	776	83507	50612	30003	873//	01717	88709			776	72804	50056	25601	2563/	51828	82630	87361		776	91011	51	r _o r _o	r _o s _o -r _o	
Kew	775									775	82806	50052	25302	855//	51725	84620	88635		775	97021	01	r _o s _o	id _o	
Heathrow	772	83211	50616	30203	854//	01717	82712	88650		772	82708	57032	25602	854//	51826	88618			772	91011	51	r _o r _o	id _o	
Honington	586	83210	32588	28803	872//	02714	86703	88705		586	82910	40217	23402	854//	01833	86712	88615		586	04011	01	r _o s _o d _o r _o d _o r _o	r _o s _o -r _o r _o r _o	
Wattisham	590	83411	28588	28702	872//	02819	88703			590	83208	23697	23901	852//	01730	83703	85707	88612	590	04012	00	id _o d _o d _o	d _o r _o r _s r _r	
Gorleston	497	63514	62268	26905	63500	02720	86920			497	80000	60636	22504	855//	03726	88620			497	06022	52	prprsrir _o r _o	r _o r _o r _r	
Aberporth	502	13312	83031	33805	15600	00719	81630			502	83315	66211	28807	854//	05831	86710	88620		502	94031	00	+	irir _o	
Ross-on-Wye	627									627	12106	70021	27102	15600	51738	81630			627	97001	54	+	ir _o	
Filton	628	53503	56052	32402	55700	52818	85650			628	72405	56051	27702	756//	51830	82630	87650		628	97011	53	+	r _o	
Rhoose	715	73308	75022	32403	757//	52822	87650			715	72502	75021	28601	757//	51728	87656			715	97501	52	+	ir _o	
Chivenor	707	10107	69030	33603	15700	51816	81650			707	60000	66031	29703	656//	00724	86645			707	97001	55	+	r _o r _o	
Mount Batten	827	20106	62010	33203	25600	51818	82630			827	23511	74020	29302	25600	50728	82635			827	97011	54	+	ir _o	
St. Mawgan	817	10906	78011	34501	15600	52713	81640			817	60206	66031	30603	48501	01824	82822	83630	86070	817	00501	54	+	+	
Scilly	804	50507	81031	34206	55600	51708	85630			804	50510	82021	30807	28430	00721	81818			804	00050	04	+	+	
Culdrose	809	00404	78010	34600	00900	51712				809	70403	80022	30602	5553/	51825	85625			809	00500	57	+	+	
Guernsey	894	70213	66022	31106	785//	51713	82820	87625		894	63613	66032	27705	685//	00723	83820	86631		894	00041	02	+	+	
Elmdon	534	03308	40041	32050	00900	53816				534	63313	57681	26403	656//	01833	86636			534	02501	53	s _o	s _o r _o s _o r _o r _o r _o r _o	
Cardington	559	83307	61607	30203	855//	51920	88620			559	82908	58036	25202	855//	00732	88622			559	91011	50	d _o d _o s _o ir _o	r _o	
Wittering	462	83111	56688	30202	855//	52720	88627			462	63011	56017	24503	657//	01732	86650			462	91011	00	r _o s _o	r _o s _o	
Watnall	354	32904	62027	30801	35600	52724	83635			354	72907	58606	25203	654/1	00732	84711	85633	86075	354	93001	54	+	ir _o r _o r _o	
Shawbury	414	23008	66021	32301	25500	51821	81625			414	82807	64606	26904	863//	03834	85707	88710		414	01011	53	+	ir _o r _o r _o	
Finningley	360	53010	59031	30103	50930	50721	85360			360	83111	59208	24404	854//	03834	85619	88624		360	97021	01	+	pr _o d _o r _o	
Kilnsea	396	83214	57038	30002	855//	02715	88625			396	83216	61022	23104	855//	02737	88620			396	07032		pr	ir _o r _r	
Leeming	257	83206	69606	30403	855//	01727	83624	88657		257	83311	66606	24807	855//	03732	88620			257	01031	01	r _o	r _o	
Tynemouth	262	62914	66026	30004	656//	01723	86635			262	83217	66028	24507	8097/	04726	88358			262	01032	02	pr _o pr	pr _o pr	
Carlisle	222	82306	59026	32203	856//	01821	82645	88656		222	72805	66026	26704	756//	03734	82635	87656		222	97021	50	r _o r _o	r _o r _o	
Valley	302	40000	74031	33603	15532	01824	81625	83362		302	83219	66606	28807	854//	06728	85710	88618		302	91031	53	+	ir _o	
Ringway	334	72903	56041	32002	756//	52824	83634	87650		334	82503	20636	26803	853//	02733	83707	88618		334	01011	52	r _o r _o	r _o	
Squires Gate	318	83308	70031	32405	858//	02725	88656			318	73311	80216	27106	755//	05727	81625	87636		318	91041	00	+	r _o r _o	
Ronaldsway	204	73007	82031	33608	754//	03820	83714	84620	87628	204	83214	75612	28407	5547/	05825	82716	85640	88460	204	95051	52	+	r _o r _o r _o	
Mull of Galloway	131	23421	84011	33206	25600	04222	82640			131	83520	31022	29907	856//	05715	88645			131	00051				
Eskdalemuir	162	80000	66028	31404	856//	01818	88646			162	13312	78016	26505	15600	02726	81640			162	97031	50	r _o ir _o	ir _o	
Prestwick	135	60000	65011	33102	2543/	01723	81616	86360		135														

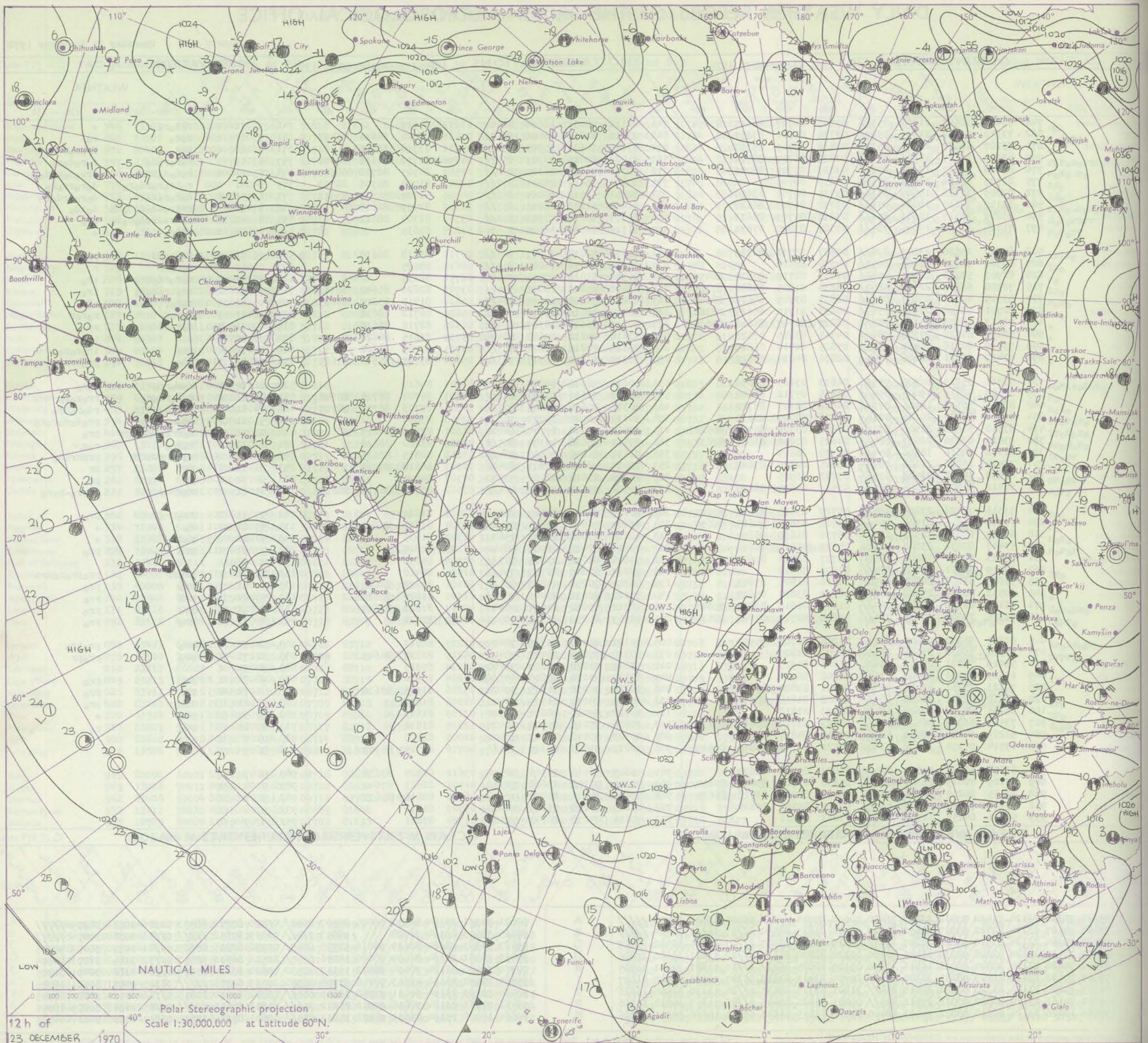
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

Date of Issue Thursday 24 December 1970

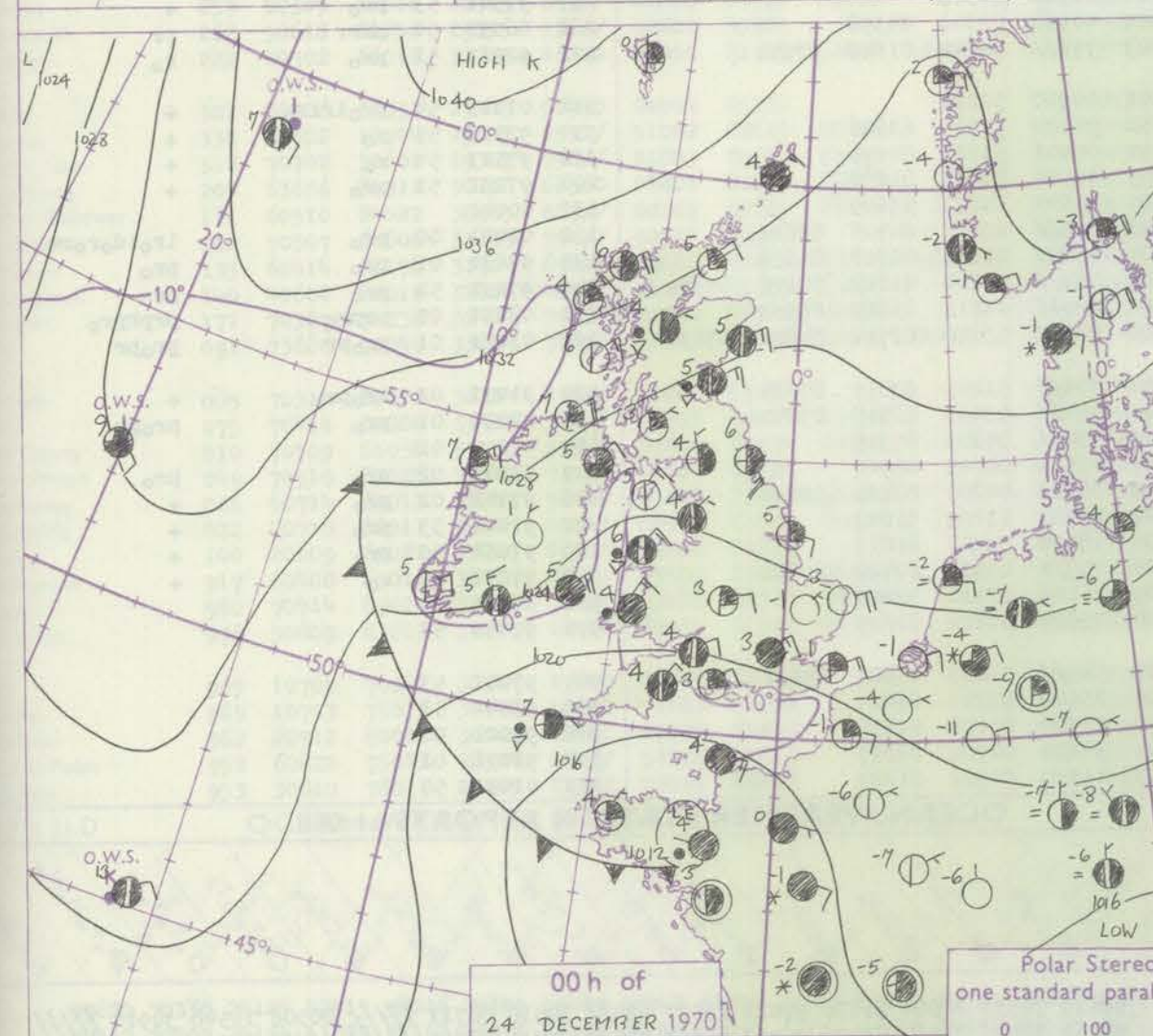
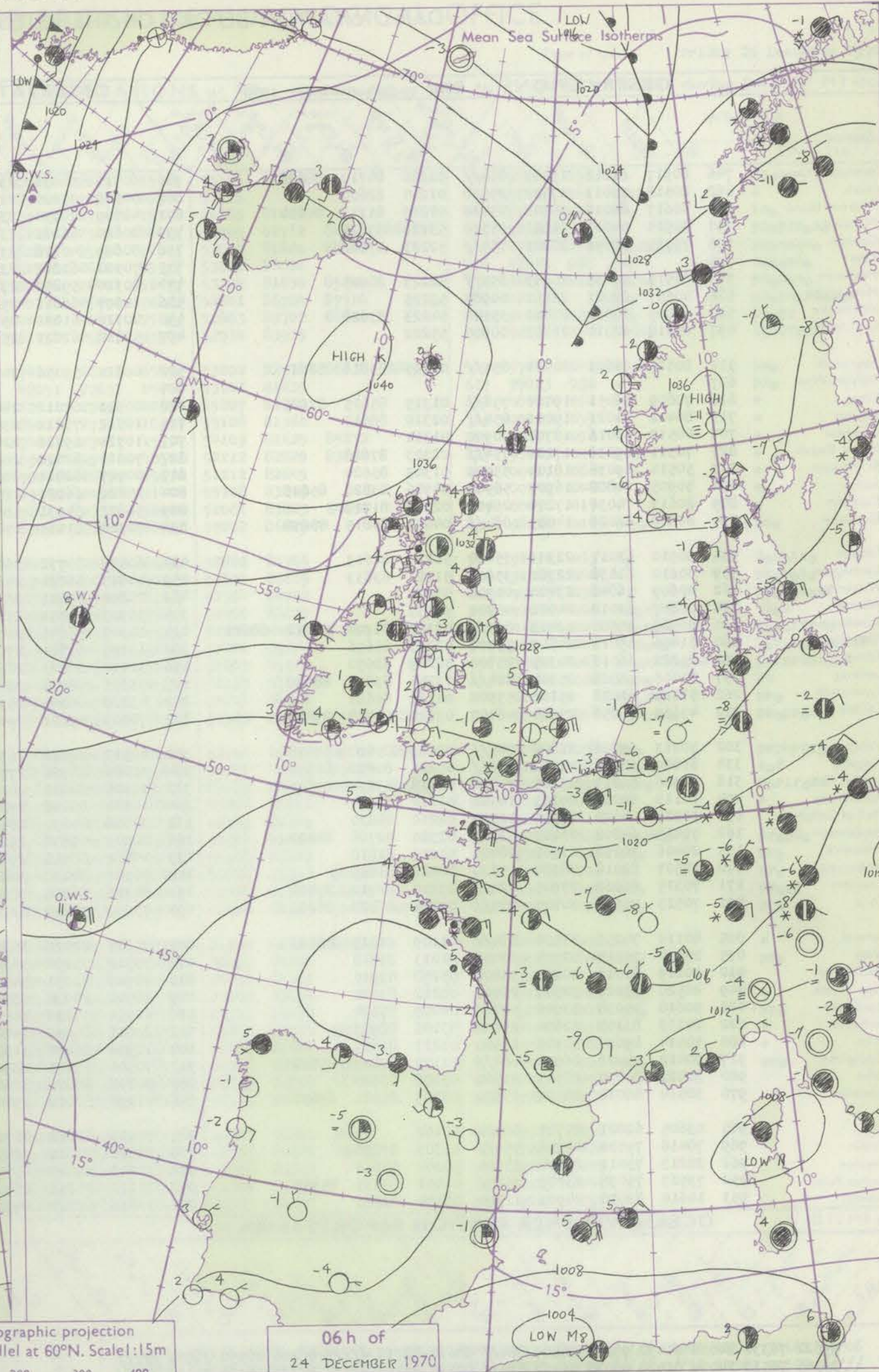
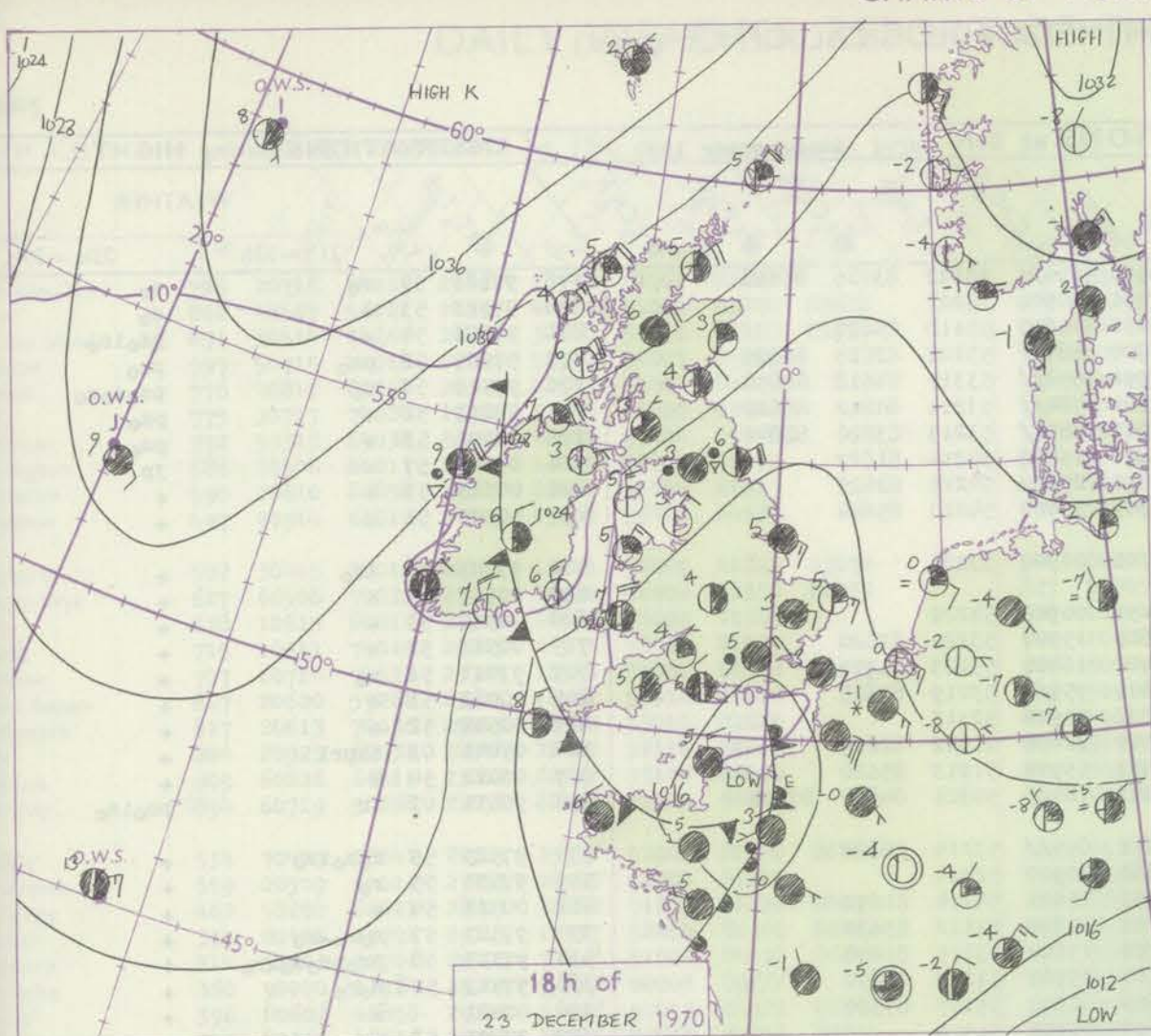
No. 39844

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
23 December 1970										23 December 1970										23 December 1970					
Station	ill	Nddff	VVwww	PPPTT	N _h Ch _h CH	T _d app	BN _h Ch _h h _s	BN _h Ch _h h _s	BN _h Ch _h h _s	ill	Nddff	VVwww	PPPTT	N _h Ch _h CH	T _d app	BN _h Ch _h h _s	BN _h Ch _h h _s	BN _h Ch _h h _s	ill	RRT x x E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	73412	58607	21303	753//	03733	84707	86617	87650	746	40112	48056	16604	46400	02613	83715				746	95051	000	roSoRo	+	
Hurn	862	73312	57617	21305	5557/	02736	85620	87359		862	73510	60216	16406	6853/	03614	81820	86626	86462	862	95061	000	roRo	ro		
Thorney Island	871	73107	58022	20604	4537/	02839	83709	85360		871	83609	30606	15905	854//	05511	83710	88620		871	96061	000	iro	iroror		
Manston	797	83304	50617	18903	873//	02835	86707	88710		797	81008	60026	17303	854//	01306	82712	84618	88642	797	03041		roRoroso	roRoroso		
Gatwick	776	83208	26617	19603	872//	03837	83704	88706		776	80708	40586	16303	852//	02502	84705	86708	88640	776	05041	000	roRororrr	rrroRorororo		
Kew	775	82905	40646	18804	873//	03839	88707			775	80808	48616	16204	872//	03301	81704	85706	88709	775	04061	000	roRroRororo	doRororo		
Heathrow	772	82809	30616	19504	853//	03735	86707	88650		772	80513	45516	16005	852//	01505	81705	85707	88613	772	03051	000	doRororo	doRororo		
Honington	586	83107	32636	18004	852//	03732	86703	88620		586	81008	61206	18103	853//	02313	82709	88618		586	07051		rrfro-doRorodo	doido		
Wattisham	590	83206	28517	18303	852//	03831	85703	88612		590	81107	40216	17903	852//	03311	82704	88612		590	04042	000	rr-rs-rddororo	iro		
Gorleston	497	71410	60216	17605	785//	03727	83820	87630		497	31116	61016	18505	35600	51207	83635			497	02052	000	rriro	+		
Aberporth	502	83220	19626	23207	870//	07837	83701	88703		502	73618	82038	18907	784//	04711	85818	86630		502	06071	000	iroirrr	pr		
Ross-on-Wye	627	83302	70616	21405	8052/	04734	88520			627	80206	48056	18004	855//	02615	88625			627	04061	000	roRorrr	r		
Filton	628	82903	58216	22105	5542/	02833	82713	84620	88459	628	20307	61016	17504	25600	02712	82635			628	03061	000	roRorrrro	iro		
Rhoose	715	72906	68606	22505	4857/	04834	81825	84650	87359	715	83406	65216	18005	5557/	03709	82620	85640	88360	715	01061	000	iroiriroro	iro		
Chivenor	707	83309	40616	23607	853//	06835	83709	84615	88640	707	60112	74606	18107	684//	05614	81710	83820	85635	707	04081	000	roRor	rr		
Mount Batten	827	82701	48606	23905	5543/	04833	81710	85625	88360	827	80405	48616	17706	854//	05620	86712	88638		827	06071	000	roRorR	roRor		
St. Mawgan	817	73513	66606	25107	783//	06828	82707	84810	87635	817	80216	56616	18307	854//	06626	82710	88616		817	09071	000	roRorRR	rr		
Scilly	804	70114	81022	27308	784//	04714	83815	87623		804	53616	74212	19608	58400	05739	83815	84621		804	96081	000	+	ir		
Culdrose	809	73510	80216	25907	6843/	05825	82710	86620		809	63614	62216	18207	683//	05734	83709	86622		809	05072	000	iro	iroRororir		
Guernsey	894	73413	83021	22206	7843/	02830	84814	86622		894	70310	63616	16505	783//	05624	83709	85815	87625	894	03071	014	pro	proirrroro		
Elmdon	534	73311	35217	20905	755//	04833	83625	86656		534	40210	56046	18604	45400	01801	84617			534	01061	000	roRorrrro	roSo		
Cardington	559	83109	48616	19005	854//	04836	85712	88620		559	80409	56616	17304	872//	04307	85704	86706	88708	559	02061	000	roRorrroro	rrroRoro		
Wittering	462	83416	50507	18906	873//	04832	82707	88710		462	80311	40636	17804	872//	04305	82703	86704	88707	462	03061	000	roRorR	rdroRoro		
Watnall	354	63512	61028	20106	5853/	03826	83820	83630		354	30110	48046	18903	35600	02501	83640			354	91061	009	proRo	proRororo		
Shawbury	414	83310	50616	21906	6732/	05830	83706	85709	88525	414	63510	59048	19704	68400	01601	82813	84817		414	02071	000	roRrrroRoproPr	pro		
Finningley	360	73414	62806	20007	784//	04825	83812	83618	87635	360	83511	58608	19304	855//	02303	83620	88628		360	01071	001	roPro	roRor		
Kilnsea	397	80118	48616	18906	854//	05720	88615			397	81417	61258	18805	884//	03212	82815	88625		397	10062	000	roRorrrphrpR	prphrido		
Leeming	257	73514	66256	21606	785//	03815	82820	87640		257	73407	48808	20803	6246/	02303	86818	87360		257	01071	014	pr	pr		
Tynemouth	262	63630	58028	21506	635//	03742	86925			262	40528	61818	21206	43500	02307	84925			262	02072	008	pr	pr		
Carlisle	222	70212	61806	24005	785//	03511	85820	86635		222	80502	59618	22703	854//	03502	83713	86716	88620	222	01061	007	roRpro	proRo-roRo		
Valley	302	73318	78026	23809	784//	05729	83814	83624	87645	302	20117	78018	21105	28500	01502	81820			302	97091	005	iroPro	pro		
Ringway	334	73304	30606	21905	754//	03728	83616	84625	86650	334	63407	56046	20304	684//	50304	83814	85640		334	97061	001	ro	+		
Squires Gate	318	63310	65016	22307	656//	06730	81635	86650		318	10111	57048	21403	15600	01302	81635			318	91081	009	roPro	+		
Ronaldsway	204	53417	82036	23808	58400	05627	81815	84650		204	13613	82028	22905	18540	51103	81825			204	97091	011	pro	pro		
Mull of Galloway	131	53623	80031	24007	58500	05737	82820	85650		131	53630	84012	23005	557//	00706	85650			131	00091					
Eskdalemuir	162	80319	58801	24203	894//	01506	86915			162	70217	62848	22703	794//	01504	86918			162	02071	014	proPr	proprosoPrs		
Prestwick	135	53607	65258	24807	58500	04716	81825	85643		135	60204	70251	24803	685//	00101	82823	84645		135	97081	019	pro	pro		
Abbotsinch	140	60513	80038	25307	68600	02503	83830	85632		140	70111	82031	25405	785//	01305	81825	86635		140	93081	027	pro	pro		
Leuchars	171	70117	82028	24305	784//	01803	81818	83827	85640	171	40														

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

Although the large anticyclone centred between Iceland and Scotland has remained the major synoptic feature in the vicinity of the British Isles, the weather has been affected by a shallow depression which moved south from the northern North

Sea across southeast England to northern France. Over the next 24 hours the anticyclone is expected to remain almost stationary and with low pressure to the south, the British Isles will continue in a predominantly northeasterly flow.

Issued at midday Thursday 24 December 1970

No.

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Co

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

All

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

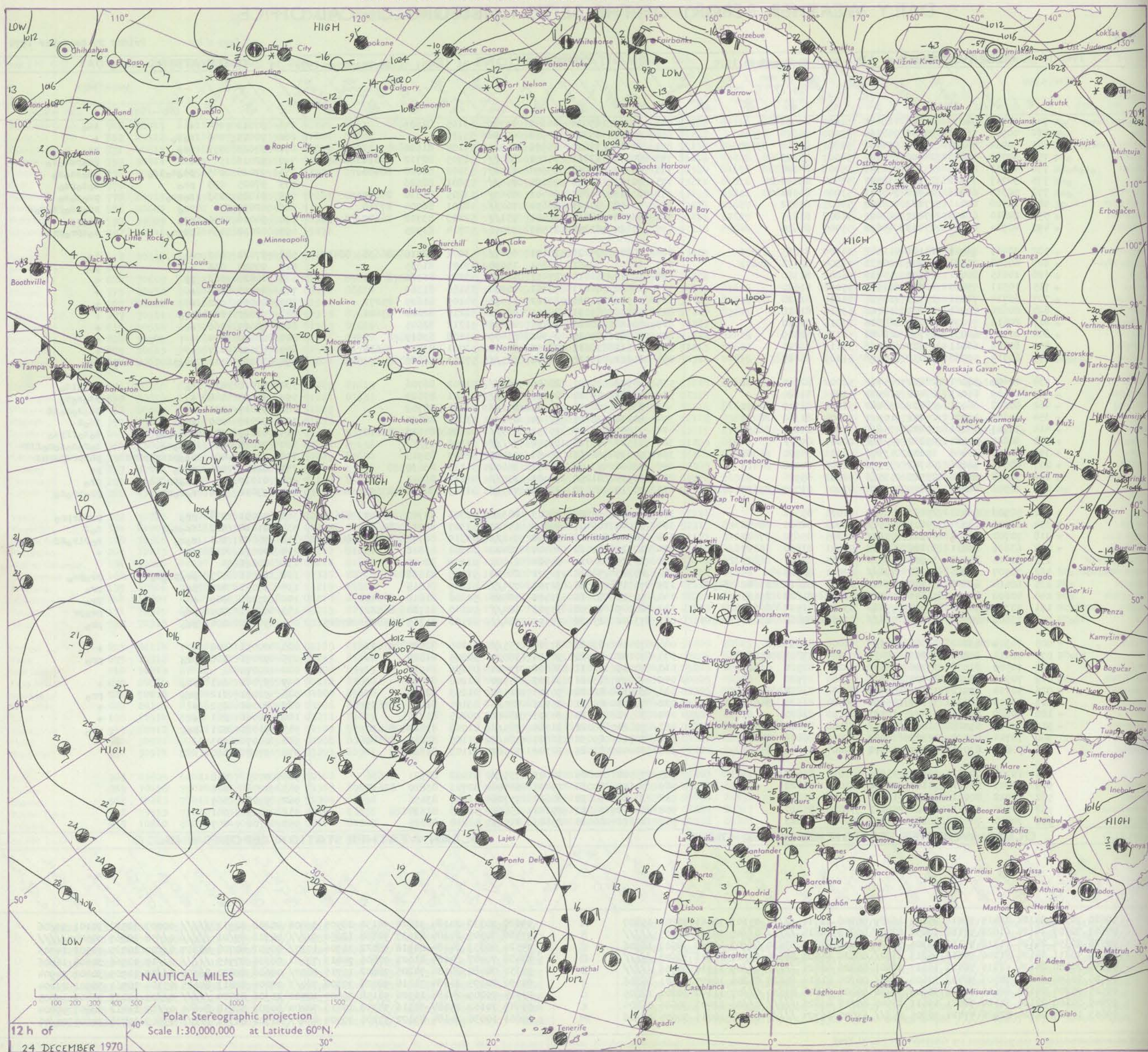
No. 39845

Date of Issue

Friday 25 December 1970

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
24 December 1970										24 December 1970										WEATHER				
Station	ill	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	ill	Nddff	VVwwW	PPPTT	N _h Ch _M CH	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	ill	RRT x F	SSS	09h.—15h.	15h.—21h.	
Boscombe Down	746	20716	74037	25401	18531	51002	81824			746	10309	69020	26652	15700	53105	81656			746	97013	054	+	iso	
Hurn	862	40507	56221	24750	48500	53000	81820	83640		862	00205	65011	25953	00900	55211				862	92023	046	soSo	+	
Thorney Island	871	30414	74267	24801	34400	52801	82818	83630		871	10410	79020	25951	15500	54105	81620			871	97023	052	ps	iso	
Manston	797	50715	72018	25800	52500	54007	85825			797	80508	62261	25001	884//	51705	82712	84816	88635	797	92016		+	psopssso	
Gatwick	776	40817	80268	25301	42500	55003	84828			776	80403	62858	25950	1252//	53002	81820	88460		776	97026	045	pssoPso	psossso	
Kew	775	30717	74028	25702	32500	55000	83828			775	80109	62708	26101	855//	53801	88626			775	97025	035	ps	soSopso	
Heathrow	772	50313	65038	26001	48601	53004	84830			772	63613	60858	26401	5863//	53205	81830	85645		772	91025	033	soPso	pssoSso	
Honington	586	10508	80011	27002	18600	54805	81832			586	73406	40228	26651	762//	52801	86704	87710		586	02037		ps	psopsofsoSso	
Wattisham	590	20810	60858	27001	22401	54802	81815			590	73506	48268	26451	751//	52803	83702	86640		590	94026	040	ps	psops	
Gorleston	497	40914	61011	27403	45600	55400	84630			497	30424	61258	25503	33500	52714	83925			497	02032	034	pssso	soSproPrs	
Aberporth	502	30415	74010	28102	11541	54009	81825	83070		502	80201	74221	28101	6547//	53002	82710	86638	88459	502	97031	042	+	iso	
Ross-on-Wye	627	60508	70031	27202	20932	56804	82358	84072		627	10205	48051	27851	15600	53101	81635			627	97023	036	+	ps	
Filton	628	10615	80011	26502	10930	56002	81360			628	10310	62011	27451	10930	55207	81360			628	00023	062	jp	+	
Rhoose	715	10511	75010	26601	11531	55006	81820			715	10408	64011	27351	10930	55106	81360			715	00023	054	+	+	
Chivenor	707	60714	74031	25703	18554	54006	81820	85075		707	50509	74011	27002	15538	54109	81625	85272		707	00041	052	+	+	
Mount Batten	827	20620	59261	23601	18401	53010	81818			827	50518	69031	25401	48501	52212	82820	83640		827	97023	047	ps	+	
St. Mawgan	817	20613	70030	25001	28500	53016	82820			817	40610	70011	26450	25630	51212	82645			817	00013	066	+	+	
Scilly	804	20923	62031	22704	22400	52114	82819			804	30723	69020	24302	31400	55108	83819			804	00040	044	+	+	
Culdrose	809	60826	66011	23202	625//	53117	86820			809	50521	78012	23350	58500	52001	83823	84630		809	00030	017	+	+	
Guernsey	894	60719	50268	21051	684//	51109	86815			894	60821	63028	21850	625//	57212	86820			894	96021	010	psopS	ps	
Elmdon	534	70407	58041	28801	2577//	52002	82650	86462		534	60308	30047	28650	663//	52002	86706			534	91016	013	so	soSsoiso	
Cardington	559	20509	64011	27401	28500	51804	81820			559	73611	59708	27250	755//	51801	87629			559	91025	048	+	pssoSso	
Wittering	462	50208	66021	28401	38462	51801	81710	84070		462	83611	28718	27900	871//	51704	88702			462	93017	031	+	pssoSsoSf	
Watnall	354	80101	19701	29201	10937	52804	81360	88268		354	80208	28227	29150	856//	51000	88630			354	92016	000	isos	isos	
Shawbury	414	73503	57701	29400	756//	51001	84630	86650		414	73606	15227	29351	755//	52104	84626	87650		414	01017	001	issoSso	soSoffps	
Finningley	360	90000	11724	29200	9//	00001	89//			360	93507	03718	29751	9//	51206	89//			360	01016	000	fssso	soSsoSchoff	
Kilnsea	396	80602	48858	29102	5357//	50003	85920	88360		396	50835	66268	28404	59400	52803	85915			396	02052	001	psopSirophrs	phrprspshs	
Leeming	257	80305	48616	28703	853//	02808	84708	87618		257	33606	23106	31151	35600	51113	83630			257	02045	000	roro	ps	
Tynemouth	262	50618	81258	29305	535//	02802	85925			262	60915	81258	31403	635//	01111	86925			262	01017		propr	pro	
Carlisle	222	40502	66016	30605	43440	03000	81717	83630 81922		222	70710	74038	32102	785//	01319	82825	83630 86635		222	93051	016	roropro	proProso	
Valley	302	50506	66031	29403	50930	01001	85362			302	80709	48808	28503	883//	02703	83707	86812 88624		302	02051	034	pro	prphrpro	
Ringway	334	81502	18704	29601	2552//	51002	82620	88458		334	50000	06467	29850	55400	51307	82712	85622		334	01016	002	fsosos	sof	
Squires Gate	318	70702	30601	29302	756//	01805	85630	87640		318	70907	26216	30300	752//	00319	82705	84613 86633		318	95043	001	roro	rofirroff	
Ronaldsway	204	63606	80011	30106	68500	01801	81820	86657		204	10415	82011	29404	18400	00301	81818			204	00071	018	jp	+	
Mull of Galloway	131	60510	84022	30905	685//	02205	82825	86645		131	20519	84011	30904	21500	01209	82625			131	00061				
Eskdalemuir	162	70507	64806	31103	794//	02001	85916			162	20308	78018	32501	28400	51215	81818			162	95041	023	proproso	proPso	
Prestwick	135	60414	61158	31704	6944//	03007	82814	83642 81920		135	70515	62808	32703	784//	01109	85818			135	97051	026	pro	pro	
Abbotsinch	140	40608	82011	32804	48501	01006	81822	83635		140	50506	80011	33704	58400	50208	81818	84640		140	97061	009	+	pro	
Leuchars	171	70307	74258	32404	7946//	03003	81912	86634		171	60209	74258	33903	624//	02210	81710	86822		171	02051	000	pro	proPr	
Dyce	091	73606	70048	33804	784//	02003	82816	83630 87645		091	73602	65028	35503	784										

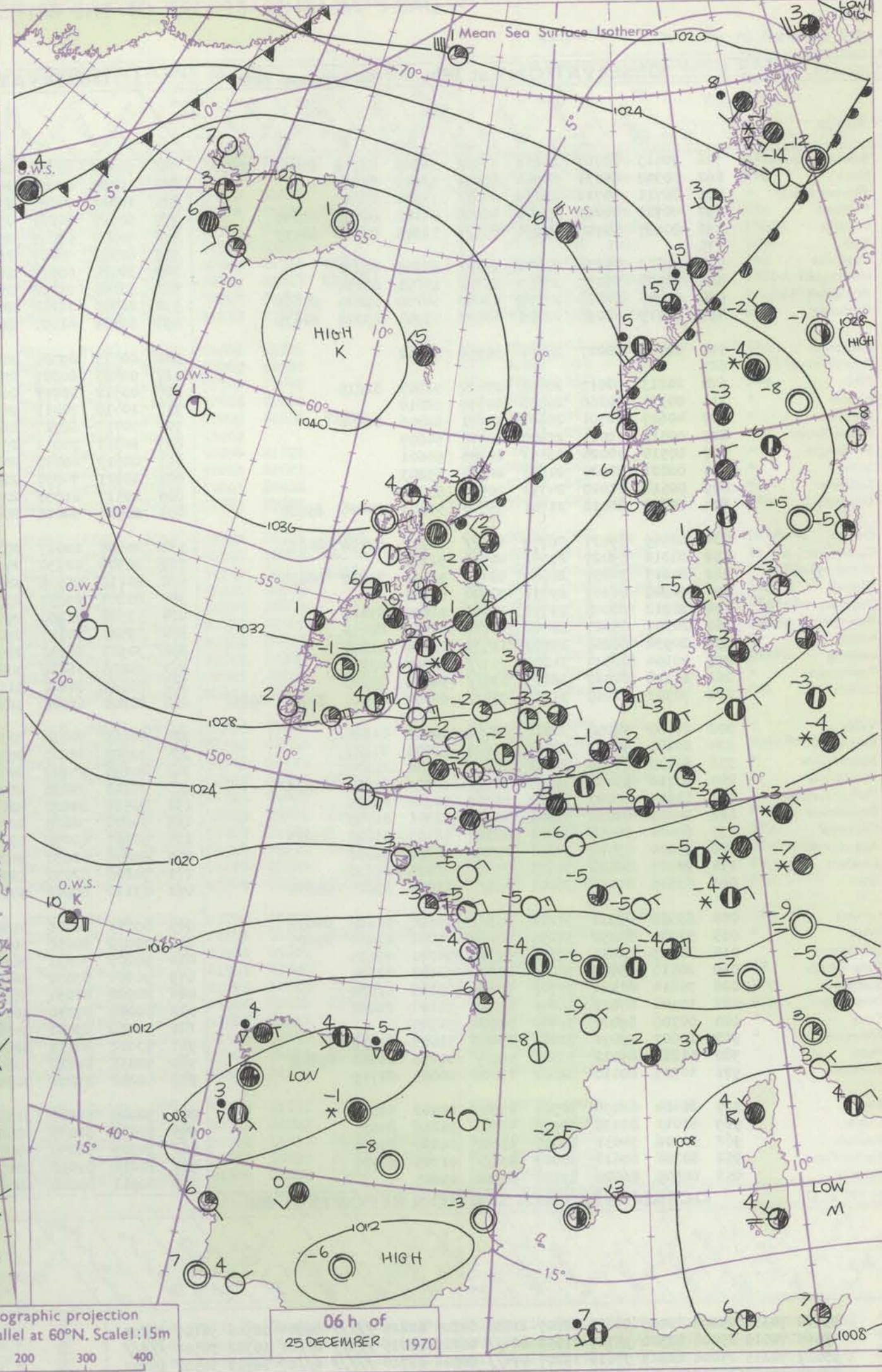
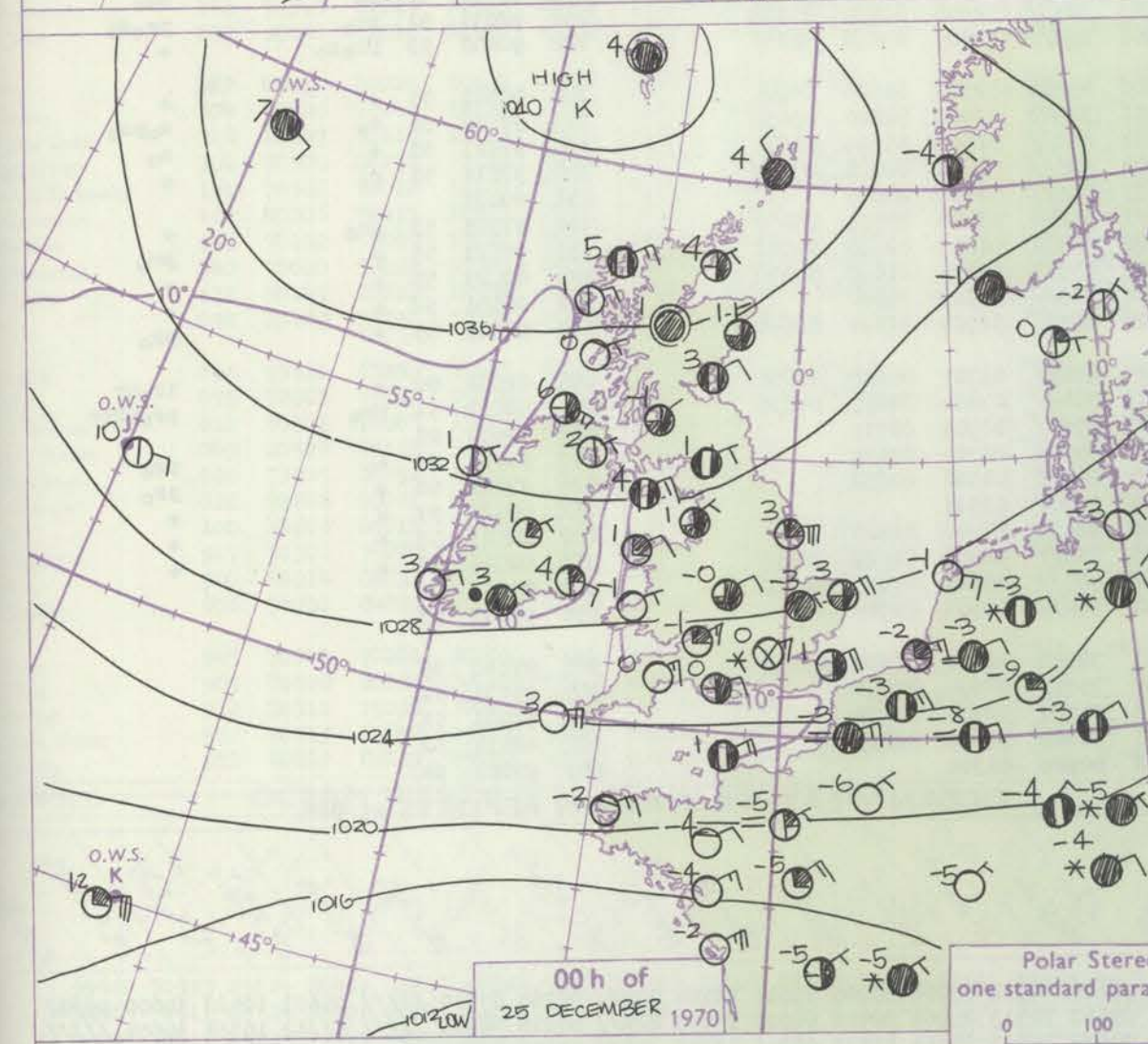
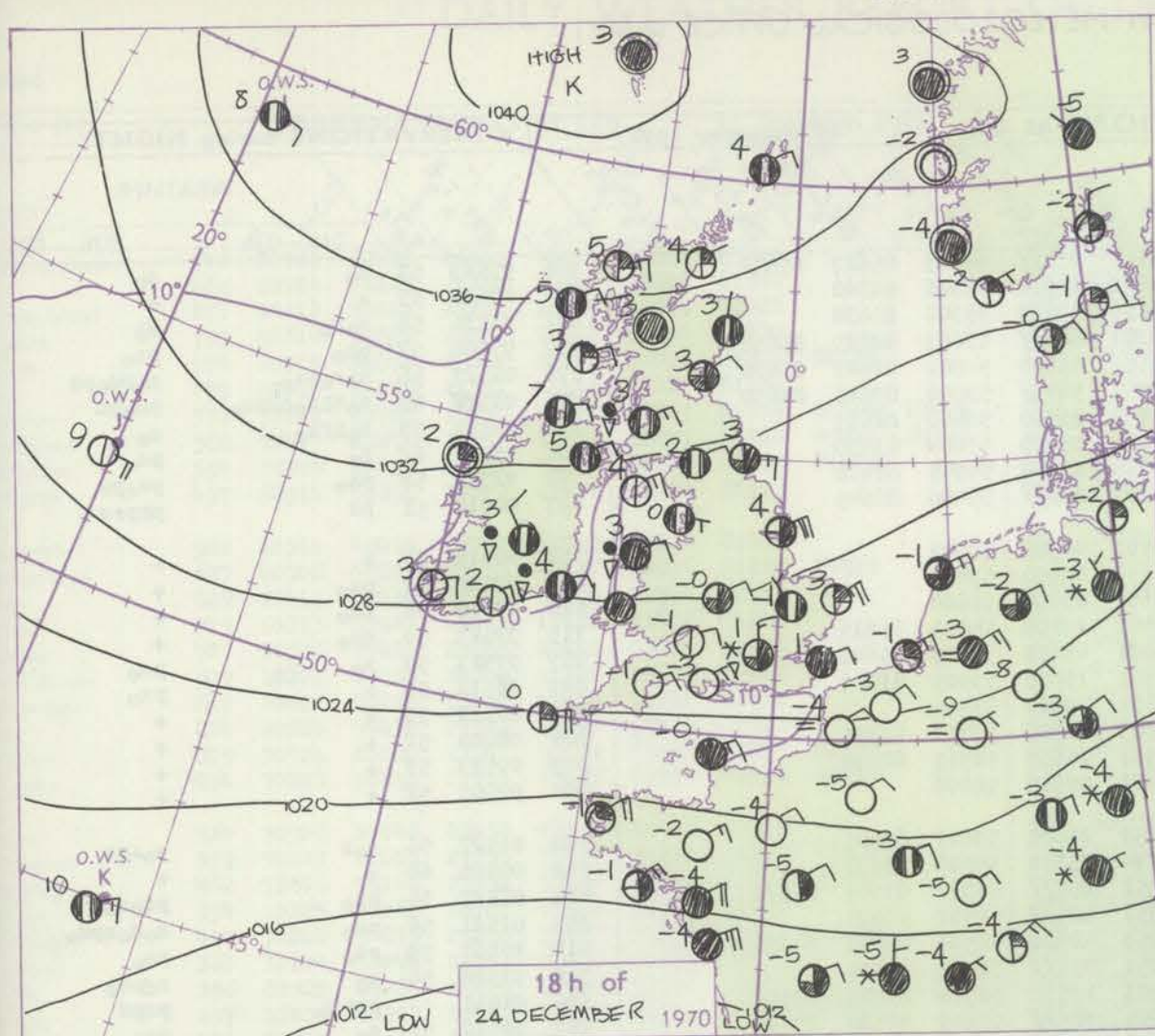
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



12h of
24 DECEMBER 1970

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

CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

Pressure remains high to the north of Scotland and low over southern Europe with a cold easterly airstream covering most of the British Isles. During the next 24 hours the anticyclone to the north of Scotland will drift southwest

and the milder air over northern Scotland will extend south to cover most of Scotland. The cold easterly airstream will continue over England and Wales.

Issued at midday Friday 25 December 1970

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

OBSERVATIONS at 00h. 25 December 1970										OBSERVATIONS at 06h. 25 December 1970										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h C _h C _M C _H	T _d T _d app	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	iii	Nddff	VVwww	PPPTT	N _h C _h C _M C _H	T _d T _d app	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	8N ₅ Ch ₅ s	iii	RRR	T _n E	T _g T _g	WEATHER	
																							21h.—03h.	03h.—09h.
Boscombe Down	746	70413	62707	25250	754//	51709	83711	85615	87632	746	70609	62707	26152	754//	54203	85617	87632		746	97543	57	so	so	
Hurn	862	50308	65031	24700	50930	53609	85360			862	10309	65011	25052	10930	53301	81360		862	00533	55	+	+		
Thorney Island	871	80711	40711	25150	854//	51501	88613			871	10312	74027	25252	15600	55302	81630		871	91536	56	so so	so		
Manston	797	40721	70261	25401	48500	54105	82825	83645		797	60717	74261	25201	685//	53603	82825	85638	797	97506	52	ps so	ps so		
Gatwick	776	80607	50718	25551	854//	52305	83710	88635		776	40203	59037	25652	45600	54301	81643	83650	776	01527	56	so so so so	so ps so ps		
Kew	775									775	60505	48267	26051	5843/	53400	82815	84650	775	01530	60	so t l s o s s p s o	ps so ps		
Heathrow	772	90813	09738	25800	9////	50302	89///			772	30310	60027	26152	35400	53400	82615		772	95547	57	so s f s o	so		
Honington	586	80507	56037	27853	857//	55205	88650			586	30108	74038	27253	35600	55604	83630		586	95567	62	so	ps so		
Wattisham	590	60706	62858	27352	68400	54108	82814	85635		590	20206	74268	26753	25600	54705	82638		590	92546	58	ps so	ps so ps		
Gorleston	497	60719	63038	27303	685//	53304	83820	84635		497	60612	61031	26803	656//	55400	86645		497	00015	51	ps	ph prs		
Aberporth	502	00707	80027	28651	00900	54002				502	00415	69020	28100	00900	54501			502	00513	54	+	+		
Ross-on-Wye	627									627	00405	60021	27651	00900	53400			627	97523	57	ps so	+		
Filton	628	20213	58017	26451	25400	52807	82615			628	00312	66027	26652	00900	55604			628	97006	54	1 so	+		
Rhoose	715	00314	70260	26550	00900	52810				715	10410	70011	26451	15400	54501	81615		715	97523	54	ps so	+		
Chivenor	707	40607	62701	26601	45601	52806	84640			707	40712	62027	26001	45600	52303	84640		707	97503	57	so	ps so		
Mount Batten	827	00512	69021	25000	00900	54807				827	10517	74011	23701	15600	53505	81647		827	97513	53	+	ps so		
St. Mawgan	817	00510	70020	26451	00900	56601				817	00610	69010	24551	00900	53710			817	00523	55	+	+		
Scilly	804	00821	80020	24603	00900	55203				804	10921	74020	22603	11500	53710	81820		804	00000	52	+	+		
Culdrose	809	00514	81020	24751	00900	53002				809	20517	81030	22951	25600	52713	82630		809	00523	57	+	+		
Guernsey	894	50815	80012	21701	58500	53803	84826	85638		894	00915	58018	20601	00900	51806			894	97505	52	+	+		
Elmdon	534	60409	59037	28750	653//	52202	83708	84622		534	20408	62017	28352	25600	53601	82645		534	01527	56	so s	so-ps		
Cardington	559	00311	59027	27551	00900	52103				559	30306	62030	27754	35600	55500	83630		559	00555	60	+	+		
Wittering	462	80613	32857	28600	884//	51106	85812	88630		462	60110	66038	28351	652//	51502	83705	85630	462	97527	55	ps so	ps so so		
Watnall	354	00309	66267	29451	00900	52801				354	80307	23857	29551	825//	52502	88825		354	01521	55	ps so	so so so ps so		
Shawbury	414	30212	28048	29750	38400	52000	83816			414	53508	61268	29753	58500	54501	83820	84630	414	97567	59	ps so	ps so		
Finningley	360	20307	69027	30401	25700	51003	82650			360	73505	74227	29251	757//	52711	87650		360	91526	54	so	so ps so		
Kilnsea	396	20932	66268	29503	12570	53104	81820			396	30923	66038	28703	13570	52710	81920	83360	396	91011		ps ps so	ps ps		
Leeming	257	70104	66037	31800	757//	52000	87650			257	73606	56038	30850	785//	51605	82820	87630	257	92516	54	so	ps so		
Tynemouth	262	60818	81028	32605	635//	51103	86925			262	70521	81022	31204	3257/	52608	83820	87358	262	92031	01	pro	pro so		
Carlisle	222	70703	62268	33301	784//	00104	81717	84634	86656	222	80102	66028	32301	856//	51705	83630	88650	222	92001	53	pro so	+		
Valley	302	20508	58048	30901	28500	50108	81820			302	40106	74030	30300	45500	52705	81624	84645	302	00501	55	+	+		
Ringway	334	10105	50047	30550	15500	53003	81625			334	33605	62227	30051	38500	53704	81820	83630	334	97526	56	so	so ps so		
Squires Gate	318	60205	65031	31601	656//	51204	86635			318	80106	65707	30701	855//	51706	85620	88641	318	97515	55	+	so		
Ronaldsway	204	70716	75031	31904	785//	52109	81822	87656		204	70106	75036	31402	785//	51506	81820	87650	204	97011	51	ro	+		
Mull of Galloway	131	10615	82020	32603	11500	00311	81825			131	80515	84022	32003	856//	51707	88645		131	00031					
Eskdalemuir	162	30407	69038	33501	32300	51001	81709			162	50208	78028	32601	55600	53606	84635	83657	162	97505	53	ps so	+		
Prestwick	135	60402	56058	34451	685//	52105	81828	85645		135	50407	62058	33600	25731	51507	82650	84072	135	97523	55	+	pro		
Abbotsinch	140	20000	65028	34801	25500	00000	82628			140	50206	80031	34100	15631	52605	81635	84070	140	00523	55	+	+		
Leuchars	171	70309	80028	34803	756//	01004	87630			171	70106	82031	33902	757//	00503	87650		171	00501	52	+	+		
Dyce	091	63605	80031	36201	685//	51002	83825	85640		091	63110	80022	34702	685//	01707	82822	86640	091	97513	55	+	pro		
Lerwick	005	83508	83021	37204	855//	03804	84622	88656		005	83511	80216	35505	854//	05707	84618	88630	005	01032	00	+	1 ro pr		
Wick	075	50305	82258	37204	58400	02003	81818	85626		075	70000	80258	36103	784//	03604	82815	87630	075	02012	51	pro	pro pr pr		
Sule Skerry	010	20509	82011	37306	25500	04702	82625			010	80205	74631	36306	874//	06705	88715		010	04052	01				
Cape Wrath	049	20510	83020	36605	25500	51701																		

OCEAN WEATHER STATION REPORTS at 00h.														OCEAN WEATHER STATION REPORTS at 06h.															
Code FM 21.D																													
O.W.S.	99 L _a L _b L _c	Q _c L ₀ L ₀ L ₀	YYGGIw	Nddff	VVwwWW	PPPTT	N _h L _h C _M C _H	D _s vsapp	8N ₅ Ch ₅ h _s	8N ₅ Ch ₅ h _s	OT ₅ T ₅ T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w	O.W.S.	99 L _a L _b L _c	Q _c L ₀ L ₀ L ₀	YYGGIw	Nddff	VVwwWW	PPPTT	N _h L _h C _M C _H	D _s vsapp	8N ₅ Ch ₅ h _s	8N ₅ Ch ₅ h _s	OT ₅ T ₅ T _d T _d	IT _w T _w T _w T _w	3P _w P _w H _w H _w	d _w d _w P _w H _w H _w
A	99620	70330	25004	22007	98020	30505	21500	00205	82825	////	00004	10546	30101	99/03	A	99620	70332	25064	80000	95616	29204	7742/	00708	87710	////	05601	10522	30000	99/02
B	99565	70510	25004	82520	98707	21055	824//	00229	88815	////	0//61	10362	30504	////	B	99563	70513	25064	82416	98022	25755	824//	00226	88815	////	0//62	10368	30504	////
C	99527	70355	25004	80819	97616	19207	874//	00821	88710	////	0//07	10723	30502	14703	C	99527	70353	25064	81122	98216	18308	3757/	00106	83710	88359	0//07	10725	30503	////
D	99437	70408	25004	30618	98020	98313	32500	00225	83830	////	0//10	11489	30605	16607	D	99438	70410	25064	70423	97258	01013	72500	00015	87830	////	0//11	11546	30605	17608
E	99350	70480	25004	80905	98028	15315	3242/	00803	83815	88530	0//10	11909	30401	34904	E	99350	70489	25064	81614	94508	11216	864//	00728	88715	////	0//15	11946	30504	////
I	99590	70196	25004	81309	98022	38407	884//	31006	81816	88625	05401	10964	30602	23104	I	99589	70189	25064	11206	98258	37406	18500	00804	81820	////	05605	10964	30601	23205
J	99523	70197	25004	10910	98018	30109	15600	21001	81630	////	0//03	11126	30303	99/05	J	99522	70196	25064	00810	98020	29609	00900	00501	////	////	00/05	11124	30101	99/05
K	99449	70163	25004	20728	98011	18011	25600	11105	82640	////	0//04	11408	30606	02809	K	99449	70161	25064	20629	98010	18010	25600	11000	82646	////	0//01	11412	30712	02004
M	99660	10021	25004	83320	96508	30205	854//	71001	88615	////	05403	10700	30604	00/00	M	99662	10015	25064	83320	97026	30605	855//	71500	88620	////	05104	10648	30605	00/00

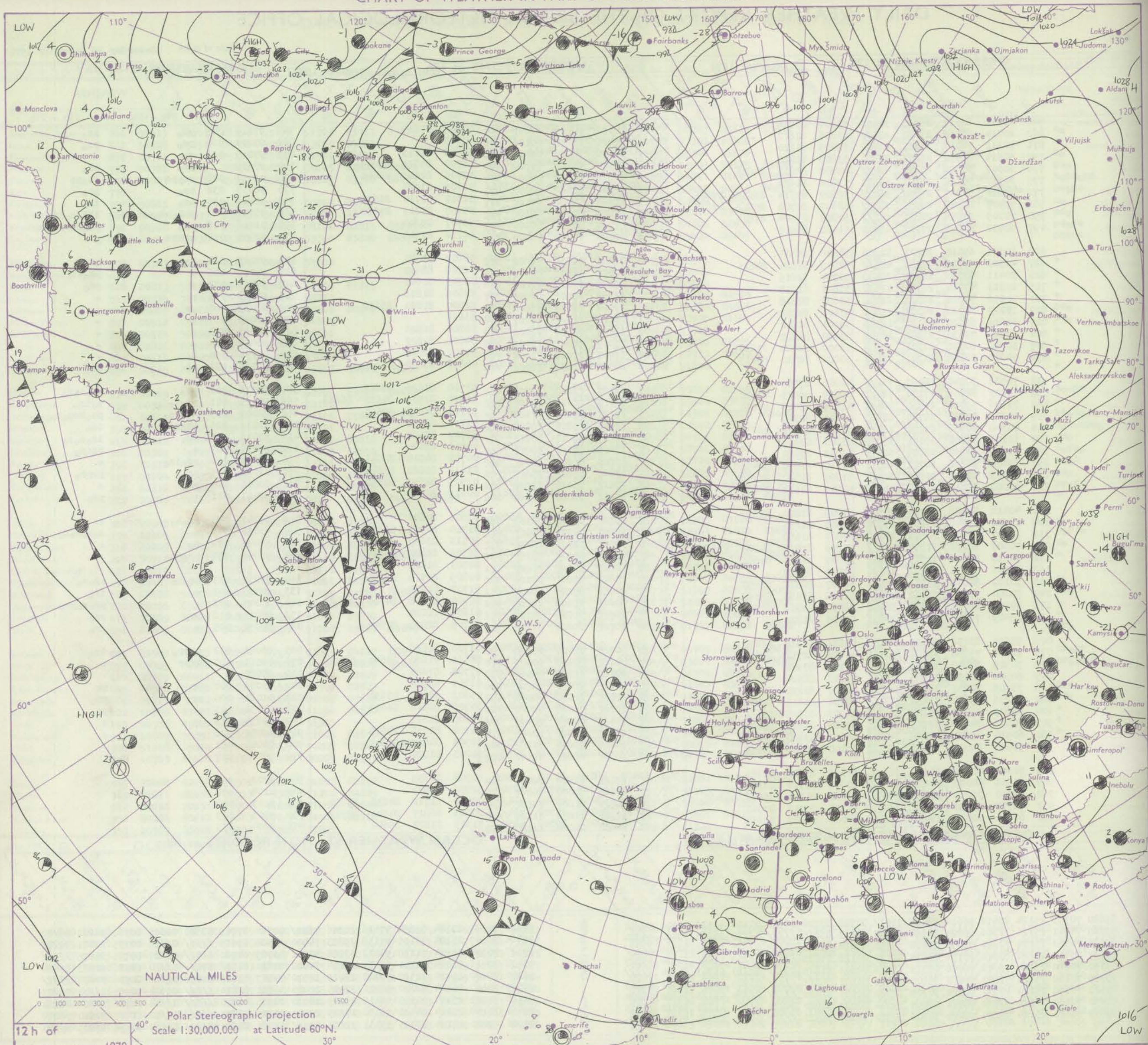
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39846

Date of Issue Saturday 26 December 1970

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY				
25 December 1970										25 December 1970														
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h L _h C _M H	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT x F	SSS	WEATHER		
																						09h.—15h.	15h.—21h.	
Boscombe Down	746	30711	62037	26351	38400	53804	83816			746	10211	62018	24952	15600	53606	81635				746	97015	045	ps _o	ps _o
Hurn	862	20314	66268	25350	28500	53806	81822			862	00111	65010	23951	00900	53703				862	97013	060	ps _o	ps _o	
Thorney Island	871	10312	74017	25201	18500	52805	81820			871	23507	58030	24151	28400	52803	82815			871	97015	053	so	+	
Manston	797	50614	62852	25002	52500	53806	85820			797	70415	64858	24002	785//	56704	85822	85645		797	97035		ps _o	ps _o	
Gatwick	776	60307	30858	25651	684//	52802	84818	84625		776	60207	58268	24151	684//	53706	82818	86640		776	01017	008	ps _o ps	ps _o ps	
Kew	775	20310	59268	25301	13531	53812	81926			775	60208	56858	24650	4353//	52705	83928			775	92018	032	ps _o	ps _o	
Heathrow	772	73612	57707	25800	5547//	52807	81714	85635	87460	772	63612	57707	24851	654//	52502	81710	86630		772	92016	030	is _o	is _o	
Honington	586	70407	20878	26951	783//	52807	83708	85812	87628	586	73305	28858	25454	784//	54707	83813	87650		586	95507		psh _o ps _o psif1F	1FFps _o if	
Wattisham	590	70209	30858	27851	722//	52807	83704	87822		590	93503	01498	25454	9/////	55707	89/00			590	01016	008	ps _o	ps _o psFTps _o so	
Gorleston	497	60912	60858	27002	63400	51002	86918			497	70312	60858	24303	734//	51712	87915			497	02035	018	prps	ps	
Aberporth	502	10311	69010	28701	12500	54806	81825			502	10309	61028	27601	11500	53602	81820			502	97023	064	ps _o	is _o	
Ross-on-Wye	627	40308	57021	27550	485//	52806	81820	84625		627	83606	48058	26000	856//	52709	88630			627	91017	006	+	ps _o is _o	
Filton	628	20411	62030	26950	28400	53804	82815			628	10312	58051	25951	15600	52703	81640			628	97015	052	+	ps _o	
Rhoose	715	10313	67020	26701	12430	53802	81818			715	10311	59011	25851	11400	52606	81818			715	00013	061	+	+	
Chivenor	707	20516	74028	26602	22400	53803	82818			707	30407	69010	25601	34500	52000	81820	83630		707	00033	068	jp	+	
Mount Batten	827	10523	80038	24302	11500	53805	81822			827	00415	66010	23900	00900	53102				827	00023	057	+	+	
St. Mawgan	817	10616	80020	25100	12500	55801	81820			817	10514	74020	24851	12500	54204	81820			817	00013	073	+	+	
Scilly	804	20823	74030	23502	28500	53000	81822			804	20920	74010	23202	22500	54001	82822			804	00030	063	+	+	
Culdrose	809	30721	80020	23901	38500	53000	82820	83630		809	30517	78011	23550	38500	51001	82820			809	00//3	050	+	+	
Guernsey	894	70818	58858	21701	784//	53802	82710	86815		894	30720	62011	20302	32500	00807	83822			894	97025	022	ps	ps _o	
Elmdon	534	70508	30048	28450	762//	52806	87705			534	80109	35708	26501	855//	53710	83625	88645		534	92016	006	ps _o	ps _o so _o so	
Cardington	559	70207	62858	27250	784//	50809	86815	87630		559	63608	48228	25550	653//	51810	82709	84630	86648	559	91015	011	ps _o so	so _o is _o	
Wittering	462	73606	59268	27950	784//	51809	83818	87640		462	80105	48858	26150	884//	51711	84816	88630		462	02007	015	so _o sp _o	ps _o ss _o so _o	
Watnall	354	10305	20268	28700	18500	51810	81820			354	80105	48707	26701	856//	51710	88630			354	92017	026	ps _o ps	is _o	
Shawbury	414	70308	50858	29250	784//	51808	84812	86635		414	83607	37717	27401	855//	51707	88620			414	93017	035	ps _o	is _o so _o so	
Finningley	360	30104	58048	29102	35600	53807	83635			360	80000	19738	26801	855//	00713	88620			360	96031	027	+	ps _o so	
Kilnsea	396	60721	66268	28604	5257//	53802	85820			396	83415	66037	26601	884//	00710	84818	88641		396	01041	016	ps _o is _o	+	
Leeming	257	83406	56258	30701	4867//	01710	81830	88458		257	73611	58048	27302	785//	01614	82822	87645		257	01031	005	ps _o	prpr _o	
Tynemouth	262	70315	81028	30905	2257//	51807	82820	87358		262	80520	81028	28106	2567//	02505	82630	88358		262	00061	002	pr _o	+	
Carlisle	222	50000	62012	31902	45630	50807	81630	84656		222	63405	74031	29603	656//	00811	86630			222	97061	021	+	pr _o	
Valley	302	40410	80028	30104	48500	51805	81820	84650		302	40108	80011	28803	45600	51806	84640			302	97041	040	ps _o h _o	+	
Ringway	334	13606	19048	29801	15700	53805	81650			334	83205	15717	27901	854//	51710	86712	88630		334	93036	043	+	so _o ro _o so _o	
Squires Gate	318	10207	60017	30503	15730	50807	81650			318	73508	60011	28403	756//	50713	83635	87650		318	97040	024	so	+	
Ronaldsway	204	70509	80272	31304	785//	51806	81820	84824	87650	204	63609	81038	30002	1153//	52706	81822	86358		204	97041	010	pr _o ph _o	+	
Mull of Galloway	131	70518	80012	31703	785//	52807	81825	87650		131	13614	82010	30903	12500	00703	81820			131					
Eskdalemuir	162	40306	72011	32102	35530	52806	83629			162	73611	62838	30002	794//	00809	83918	86630		162	93031	039	pr _o so	pr _o so	
Prestwick	135	70102	56042	33201	756//	50807	81636	87650		135	10000	45041	31500	15500	51707	81625			135	97033	002	+	ir _o	
Abbotsinch	140	70000	70022	33702	2563//	51808	81630	87358		140	72903	65262	32302	784//	00704	83818	84624	87630		140	97043	002	+	pr _o so _o pr _o
Leuchars	171																							

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday Saturday 26 December 1970

association with a small depression, will cross southeastern districts of the British Isles during the next 24 hours.

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

OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT				
26 December 1970										26 December 1970										26 December 1970				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	RRRT _n E	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	20208	59108	22852	21500	53816	82820			746	83211	23707	16351	852//	51743	85704	85716	88640	746	02537	57	+		S ₀ SSS ₀ S ₀
Hurn	862	03606	65028	22455	00900	55713				862	83105	56701	16251	6557//	51738	86629			862	91559	58	+		S ₀ S ₀
Thorney Island	871	43611	59051	22451	48400	52713	82818	84650		871	73008	58221	15450	3537//	52845	81707	87359		871	94527	54	+		S ₀ SS ₀ S ₀
Manston	797	70409	70028	20802	785//	56720	82822	87635		797	91708	09757	12651	9/////	51648	89/01			797	09527	54	+	ps ₀ S ₀ S ₀ S ₀	S ₀ SSffss
Gatwick	776	83602	34228	22152	863//	53716	88707			776	92807	08737	14051	9/////	51851	89///			776	03547	58	+	ps ₀ S ₀	S ₀ S ₀ ffss
Kew	775									775	82907	28717	13401	872//	00750	88705			775	01517	53	+	S ₀ S ₀ SSffs ₀ ps ₀	S ₀ S ₀ -sf
Heathrow	772	73311	50707	22350	754//	52817	81710	87640		772	82909	15717	14000	873//	51757	85706	88708		772	01527	56	+	S ₀ S ₀	S ₀ S ₀ S ₀ pr ₀ S ₀ ps ₀
Honington	586	83105	32858	21851	884//	52824	86816	88635		586	70413	28837	13501	782//	50638	82704	85706	86815	586	03537	55	+	ps ₀ S ₀ S ₀ S ₀ sf	S ₀ S ₀ S ₀ pr ₀ S ₀ ps ₀
Wattisham	590	83307	28717	21851	853//	52823	82709	88630		590	80212	48707	12500	852//	50648	86704	88615		590	03527	58	+	1S ₀ S ₀ S ₀	1SSS1SSS ₀ S ₀
Gorleston	497	82903	40868	22001	835//	00704	88925			497	60931	60028	12202	63500	01731	86920			497	05015	51	+	ps	prsprpsh
Aberporth	502	81102	56227	24701	856//	51819	88630			502	83510	59702	20203	874//	51723	88710			502	92001	51	+	1S ₀	1S ₀ pr ₀ ir ₀
Ross-on-Wye	627									627	82802	48052	16001	855//	00742	88625			627	01515	58	+		r ₀ r ₀
Filton	628	60308	50058	23551	657//	53714	86656			628	83104	50707	17100	855//	51840	88620			628	01526	55	+	1S ₀	S ₀ S ₀ 1S ₀ S ₀ S ₀
Rhoose	715	30205	64020	23951	35600	53713	83640			715	83308	64021	18101	856//	52734	82630	88640		715	91525	56	+		1S ₀ S ₀ S ₀
Chivenor	707	20405	66011	23901	25600	52714	82635			707	70000	62031	18700	756//	51732	87635			707	92513	56	+		r ₀
Mount Batten	827	00311	66020	23250	00900	53805				827	63403	64031	18450	6097//	52829	86361			827	00513	54	+		+
St. Mawgan	817	00410	69020	24351	00900	53707				817	60707	62031	19451	6093//	53828	86359			817	00533	56	+		+
Scilly	804	10822	74020	22602	11500	53806	81822			804	30913	81020	19303	31500	56718	83823			804	00010	52	+		+
Culdrose	809	00415	80020	23052	00900	53705				809	00307	72020	19451	00900	52723				809	00533	58	+		+
Guernsey	894	31017	70018	19901	35400	52702	81714	83645		894	81002	62038	16300	864//	53827	88714			894	97503	53	+	ps ₀	ps ₀
Elmdon	534	73505	57228	24300	762//	51815	87704			534	83512	50706	16701	872//	50744	82704	88707		534	02515	55	+	S ₀	S ₀ -RSS ₀ S ₀
Cardington	559	83605	56717	22850	862//	51717	88703			559	83406	48717	14401	853//	01748	85706	87709	88626	559	03516	51	+	1S ₀ S ₀ S ₀	S ₀ S ₀ S
Wittering	462	83408	58857	22800	882//	51724	84703	85824 88630		462	80114	48697	15201	872//	00739	83703	88706		462	01517	52	+	S ₀ S ₀ ps ₀ S ₀ S ₀	S ₀ S ₀ rsps
Watnall	354	73306	32107	23900	756//	51816	87630			354	70212	48237	16702	763//	01734	84707	87712		354	02506	52	+		S ₀ S ₀ S ₀ rspr ₀
Shawbury	414	00000	32107	24800	862//	00812	83704	88705		414	83514	28687	18302	872//	01738	82705	88712		414	02001	51	+		1S ₀ rsr ₀ S ₀ r ₀ S ₀
Finningley	360	83306	40607	23901	855//	01819	88628			360	80210	69618	17702	855//	01627	83625	88640		360	01011	51	+	fr ₀	r ₀ r ₀ pr ₀
Kilnsea	396	80318	66032	22905	4157//	50721	84820	88360		396	80840	66708	16703	855//	01624	88623			396	94021				phRS1S ₀ ps
Leeming	257	83514	61838	25102	884//	01719	83814	88650		257	80614	62807	29904	884//	02621	84810	88620		257	10011	50	+	pr ₀ S ₀ RSr ₀ S ₀	rsr ₀
Tynemouth	262	60121	74258	25306	6097//	04719	86359			262	60528	81258	21005	3254//	04720	83825	86358		262	05041	01	+	pr	pr ₀
Carlisle	222	80504	62258	27303	885//	02815	82825	88642		222	70212	74256	22704	785//	02723	81825	87648		222	97021	01	+	pr ₀ r ₀	r ₀
Valley	302	60112	74011	26107	684//	03716	81818	83624 85632		302	70120	74028	21107	754//	03529	82615	85625	87640	302	97041	02	+	pr ₀	+
Ringway	334	83602	50047	25102	855//	01811	82625	88650		334	80000	56237	18502	854//	01738	87710	88640		334	02011	50	+	r ₀ S ₀	r ₀ S ₀ r ₀ r ₀ S ₀
Squires Gate	318	80206	58042	25803	855//	01714	86629	88656		318	73510	81026	20105	756//	02730	81630	87656		318	97031	50	+	r ₀	1r ₀ r ₀ r ₀
Ronaldsway	204	60310	81011	26905	685//	02714	81822	86657		204	63613	82251	23005	685//	01621	82822	86656		204	97041	53	+		pr ₀
Mull of Galloway	131	60124	84022	27905	656//	01711	86640			131	30130	82011	23205	35600	01730	83640			131	00031				
Eskdalemuir	162	20108	69218	27503	25600	01716	82642			162	60216	61806	23003	684//	01626	83715	85650		162	03021	01	+	fr ₀ r ₀	r ₀ r ₀ pr ₀ pr ₀
Prestwick	135	70000	62046	29551	755//	51712	82624	86657		135</														

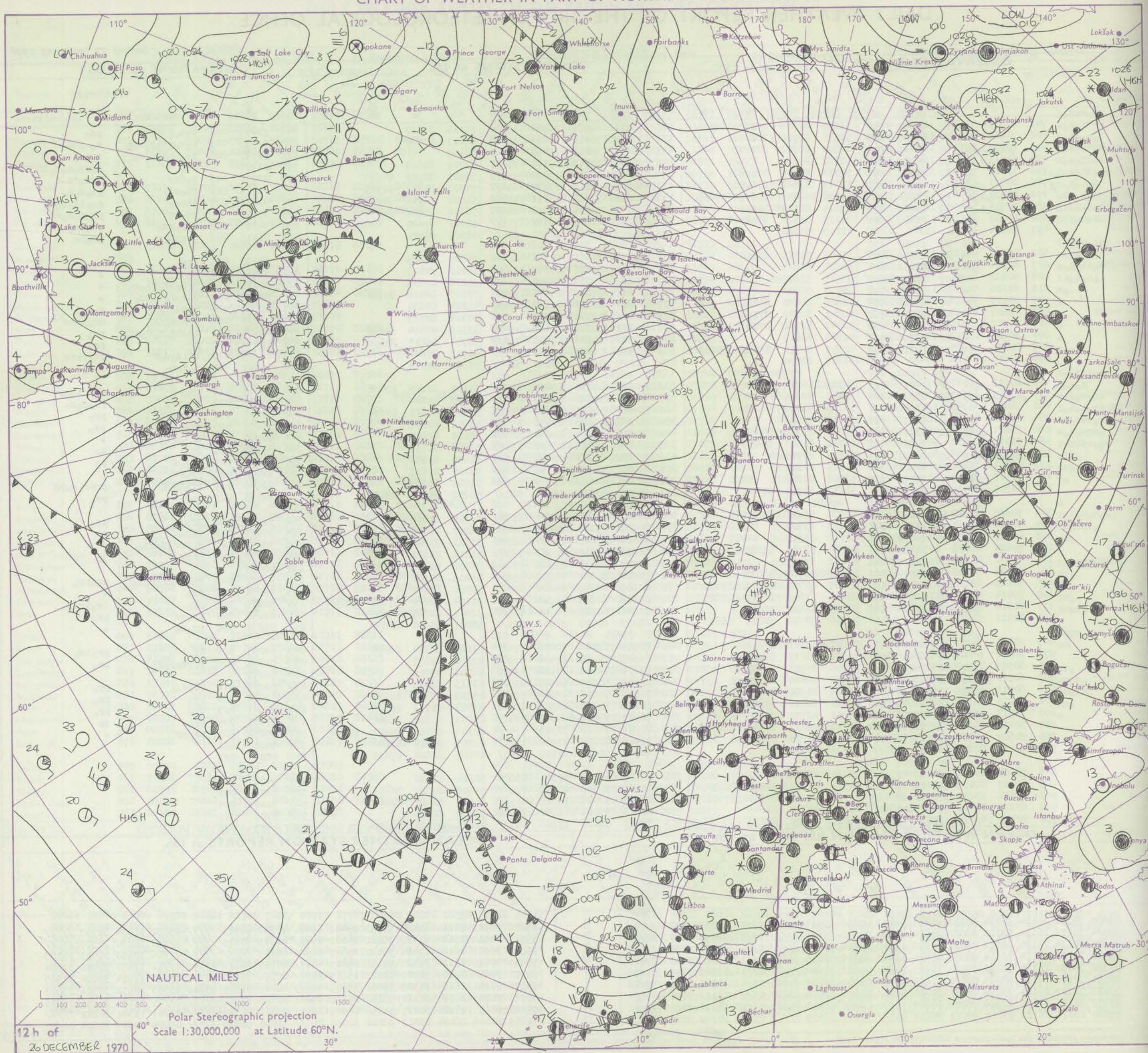
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

Date of Issue Sunday 27 December 1970

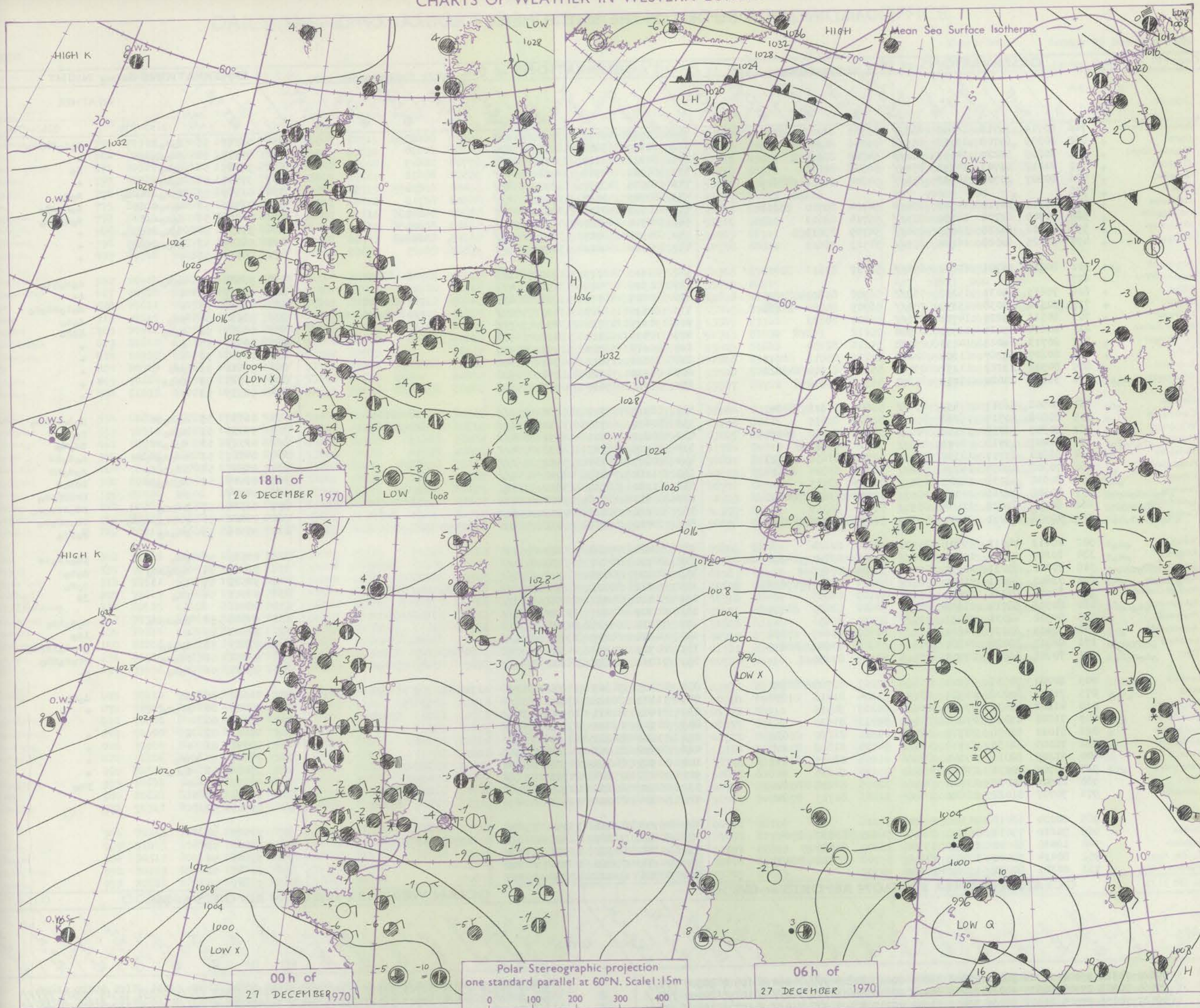
No. 39047

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY					
26 December 1970										26 December 1970															
Station	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _h M _h	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwwwW	PPPTT	N _h L _h C _h M _h	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT ₅ T ₅ E	SSS	WEATHER			
																						09h.—15h.	15h.—21h.		
Boscombe Down	746	80818	37857	11050	883//	51513	84706	86815	88630	746	10611	62028	15954	15600	55114	81630				746	01006	000	S ₀ S ₀ PSSS	P ₅₀	
Hurn	862	70108	50707	09800	753//	51725	83708	86630		862	30413	70017	14653	35600	56221	83630				862	02019	003	S ₀ S ₀ PSSS	S ₀ -P ₅₀	
Thorney Island	871	80921	07718	11200	871//	00501	86702	88706		871	00411	59017	15454	00900	56109					871	01017	003	P ₅₀ S ₀ S ₀ PSSS	S ₀ is ₀	
Manston	797	50915	66367	16452	52500	55220	85820			797	80815	60718	15151	854//	55709	88618				797	01507		P ₅₀	P ₅₀ S ₀ S ₀ S ₀ S ₀	
Gatwick	776	71016	58387	13951	754//	53336	84714	87628		776	70405	32707	15853	753//	54801	82709	87626			776	02017	016	S ₀ is ₀	S ₀ S ₀ PSSS	
Kew	775	60823	58368	15151	5853//	55347	83822	83626		775	60209	62268	15752	634//	54803	84712	82920			775	01019	028	P ₅₀ S ₀ S ₀	P ₅₀ S ₀ S ₀	
Heathrow	772	70724	56367	14651	784//	54339	82711	85816	87635	772	40210	57708	16252	45400	54002	82712	84624			772	01017	027	shss ₀	P ₅₀ is ₀ S ₀ S ₀	
Honington	586	70915	56268	18152	793//	53224	82709	84915		586	80610	70038	17252	885//	56611	85824	88640			586	95517		P ₅₀ P ₅₀	P ₅₀ P ₅₀ S ₀	
Watisham	590	41010	61268	17452	32503	54123	83822	83670		590	71010	61368	16752	755//	55711	87620			590	94517	009	S ₀ S ₀ PSSS	P ₅₀ P ₅₀		
Gorleston	497	61424	60858	18301	63500	01219	86920			497	81425	60268	17401	835//	01706	88920			497	01015	006	prsp ₀ S ₀	P ₅₀ P ₅₀		
Aberporth	502	70319	69157	15601	784//	51508	82815	87625		502	20417	74011	17351	22500	56209	82825			502	94053	025	ir ₀	+		
Ross-on-Wye	627	80514	81026	15100	855//	53304	88625			627	20610	57021	17952	25500	55218	82625			627	93025	002	r ₀	+		
Filton	628	80622	61708	12201	854//	53715	88615			628	10612	58027	16553	15600	55218	81645			628	92015	012	r ₀ S ₀ -S ₀ PSSS	S ₀ -P ₅₀		
Rhoose	715	60316	70267	12502	625//	53718	86820			715	30617	66018	15451	38400	55223	82818	83650			715	91023	011	S ₀ S ₀ PSSS	+	
Chivenor	707	50519	74216	12703	58500	52626	82820	83635		707	60817	62137	14150	656//	55224	86630			707	02043	008	r ₀ r ₀ r ₀ S ₀	S ₀ S ₀ l		
Mount Batten	827	73607	40687	11201	2257//	00841	82820	87358		827	80822	09738	09750	873//	50314	88709			827	02037	008	ss ₀ S ₀ PSSS	ph ₀ PSSS		
St. Mawgan	817	80517	59617	12103	7537//	02743	82708	87620	88460	817	40723	58858	10150	48400	53305	82814	84630			817	02035	016	ir ₀ is ₀ r ₀ r ₀ PSSS	P ₅₀	
Scilly	804	80209	66216	13405	854//	02843	88617			804	70728	69028	07503	784//	53714	86817	85630			804	03061	000	pr	pr	
Culdrose	809	80108	40585	12603	5542//	02847	82710	85620	88459	809	90530	01707	07651	9//	51717	89700			809	02//6	020	ifid ₀ d ₀ r	is ₀ rsis		
Guernsey	894	82910	02708	10401	870//	51837	88700			894	81124	06737	09951	9//	51531	89704			894	13029	000	r ₀ S ₀ S ₀	iss ₀		
Elmdon	534	60916	65267	17300	624//	54316	86816			534	40608	62038	19453	25802	55107	82657	83070			534	95016	012	P ₅₀ P ₅₀	S ₀ S ₀ S ₀ S ₀	
Cardington	559	20815	61057	17051	22400	52235	82815			559	70311	59268	17653	756//	53806	87644			559	97016	032	sh ₀ PSSS	P ₅₀ S ₀ S ₀		
Wittering	462	70813	61268	18251	723//	53120	83707	86810		462	70412	56851	18852	785//	53805	85822	87630			462	01006	041	ps ₀ PSSS	P ₅₀	
Watnail	354	20713	69268	18951	21400	53013	82818			354	30305	59268	20153	35600	54801	83645			354	95007	035	P ₅₀ PSSS	P ₅₀		
Snawbury	414	50611	66268	18050	58400	51007	83818	84635		414	30608	62018	20052	38500	54210	82820			414	00037	013	r ₀ S ₀ PSSS	+		
Finningley	360	51014	74038	20402	58500	52211	81825	84635		360	10205	70018	20651	15600	53803	81635			360	93026	043	ps ₀	so		
Kilnsea	396	71430	61868	20301	734//	52218	87915			396	50730	66038	20402	53500	51400	85920			396	01535	022	P ₅₀ PSSS	ps		
Leeming	257	40811	74268	21801	48500	51105	82820			257	10102	74028	22751	18500	52104	81825			257	92033	026	P ₅₀ PSSS	+		
Tynemouth	262	60928	81022	23204	6097//	52208	86358			262	61118	74028	23502	6097//	51002	86359			262	03042	019	prps ₀ ph	pspr ₀ soph		
Carlisle	222	70911	80026	22803	784//	51112	81715	87645		222	80707	58858	23700	885//	51208	84822	88635			222	92056	023	r ₀ r ₀	P ₅₀	
Valley	302	70622	74252	18403	784//	52504	81813	87640		302	10611	66018	20150	11500	53114	81825			302	96061	018	pr ₀	P ₅₀		
Ringway	334	30712	65267	19502	38500	54007	83820			334	20608	75011	20851	28400	52307	81818			334	97023	032	S ₀ PSSS	+		
Squires Gate	318	40713	75027	20602	48500	52112	82820			318	10904	65028	21652	18500	53213	81822			318	93043	027	r ₀ rs ₀ r ₀ PSSS	+		
Ronaldsway	204	70824	60808	20504	6827//	00504	82705	83822	85635	204	30819	82018	21903	38500	53312	82822			204	01051	014	prp ₀ R	jp		
Mull of Galloway	131	70932	80158	21304	736//	01502	87935			131	30723	84011	21903	35600	54308	83645			131	00051					
Eskdalemuir	162	80708	69688	23																					

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

The anticyclone between Iceland and Scotland has declined and by tomorrow morning is expected as a weak ridge of high pressure ahead of a shallow depression moving east across Iceland. Low pressure persists over the Mediterranean and southern Europe, maintaining the cold easterlies over the British Isles, in which minor

troughs of low pressure will continue to move west, mainly affecting England and Wales. One such trough which developed into a shallow depression over Holland yesterday morning, moved west along the Channel during the day and is expected to move southwest then south to reach northwest Spain by tomorrow morning.

Issued at midday Sunday 27 December 1970

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

OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
27 December 1970										27 December 1970																			
Code FM II.D	Station	ill	Nddff	VVwwwW	PPPTT	N _h Ch _L Ch _M CH	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	ill	Nddff	VVwwwW	PPPTT	N _h Ch _L Ch _M CH	T _d T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	ill	RRR	T _n E	T _g T _g	WEATHER						
																							21h.—03h.	03h.—09h.					
	Boscombe Down	746	80712	30718	14653	853//	55707	82707	85708	88625	746	80708	48777	13754	855//	55705	88625		746	01547	56	soSoSS	soSoSh1so						
	Hurn	862	80309	65708	13953	856//	55706	88640			862	20310	65017	12553	25600	56608	82630		862	95559	58	psSoSoSo	+						
	Thorney Island	871	80209	58227	14153	858//	54708	88657			871	80411	62227	13453	856//	55703	88645		871	97537	54	soSo	so						
	Manston	797	81012	58703	14251	854//	56708	88618			797	80913	64367	14052	854//	55501	88618		797	97537	54	soSo	+						
	Gatwick	776	80507	20707	14553	854//	54804	82711	88616		776	80000	40057	13954	856//	55400	88630		776	01547	55	soSo-fs-so	soSo						
	Kew	775									775	80906	59717	13952	874//	54603	88718		775	01529	53	soSoSo-sh	soSoSo						
	Heathrow	772	80311	14717	14952	854//	54704	85710	88635		772	80703	50717	13852	855//	53704	88623		772	01537	54	soSo-so	soSoSho						
	Honington	586	80709	62708	16152	855//	55714	88622			586	80710	69027	15852	855//	56203	88620		586	97537	54	soSoS1soSo	+						
	Wattisham	590	80506	64228	16053	854//	54709	88619			590	80908	58027	15552	854//	56303	88618		590	91537	53	psSoSoSoSo	+						
	Gorleston	497	81425	60028	16101	855//	51713	88625			497	80920	60022	15400	855//	55804	88625		497	00515	52	+	+						
	Aberporth	502	80211	58701	17651	854//	53707	83616	88621		502	83615	48717	14100	853//	51723	85708	88614	502	97525	55	soSo	soSo1so						
	Ross-on-Wye	627									627	80506	57027	13152	854//	53715	88615		627	92527	55	+	ss						
	Filton	628	70615	64031	15252	755//	56708	85622	87650		628	80407	44717	13852	854//	54609	83712	88618	628	01536	54	+	soSoSSSoSo						
	Rhoose	715	70512	70038	15352	785//	56705	84820	86620		715	80410	56717	13552	554//	53610	82710	84640	88556	715	93536	54	psSo	soSo					
	Chivenor	707	80513	59227	14751	856//	55807	88633			707	90614	03757	13252	9//	52810	89//		707	04547	61	soSo	SSSF						
	Mount Batten	827	00614	59027	12953	00900	55112				827	10414	62011	11452	15500	55806	81620		827	00537	57	+	+						
	St. Mawgan	817	20713	66028	14153	25700	57216	82650			817	00614	66020	12453	00900	55509			817	00545	56	+	+						
	Silly	804	80827	59267	11301	884//	51229	85811	88617		804	30818	79011	10701	35500	53805	83621		804	97510	53	prs	+						
	Culdrose	809	80522	23227	11352	854//	55614	81710	88622		809	00510	72021	11254	00900	55809			809	95543	59	ss1s	+						
	Guernsey	894	31116	70020	11252	35600	55715	83630			894	31011	63030	10653	35600	56003	83630		894	91539	52	+	+						
	Elmdon	534	80508	56717	17552	854//	53809	83615	88645		534	80913	59717	15852	853//	53502	85708	88616	534	01537	53	soSoSS	soSo-s1so						
	Cardington	559	80506	70717	16252	856//	53808	88639			559	80610	66717	15352	855//	53302	86623	88630	559	97536	53	soSo	soSo						
	Wittering	462	80309	56718	17152	856//	54813	84630	88650		462	80813	59027	16452	854//	55205	88619		462	01527	53	soSoSS	ssSo						
	Watnall	354	80407	19718	18251	864//	52710	88712			354	70919	56367	16852	754//	53304	87614		354	04527	52	psSoSoSoSS	soSoSS						
	Shawbury	414	83612	37717	18351	854//	52707	83618	88625		414	90807	14737	15552	9//	51513	89/06		414	04547	54	1soSoSo	soSoSS						
	Finningley	360	70308	48857	19100	784//	50709	83810	87614		360	71112	74018	18050	755//	50305	87629		360	04517	52	soPsoPs	psSoS						
	Kilnsea	396	80938	48038	18303	854//	00719	88715			396	81132	66028	17801	855//	52306	88627		396	04017	57	ps	prspSpsSo						
	Leeming	257	70308	74261	21350	5853/	52707	83820	84635		257	80611	07728	19501	5842/	00605	83816	84640	88556	257	01526	57	pspsSo	psSoSSSoSo					
	Tynemouth	262	60820	81028	22204	6097/	51122	86359			262	80722	81028	20905	1557/	52712	81625	88358	262	02012	50	phproproSo	proproSo						
	Carlisle	222	40408	70261	22951	48500	52805	82820	83650		222	50412	66857	21101	58500	53709	83820	83650	222	95516	53	psSo	soPso						
	Valley	302	20413	74011	19701	25500	54810	82624			302	50420	74018	17303	55500	53715	85625		302	01525	56	psSo	ps1so1s						
	Ringway	334	80207	56717	19650	854//	52606	83710	84620	88650	334	80710	40717	17150	854//	51505	84710	88640	334	01527	54	soSoSSSo	soSo						
	Squires Gate	318	70210	70031	20551	757//	53709	87656			318	80108	70031	18001	856//	53609	88635		318	92525	55	+	soSo						
	Ronaldsway	204	73607	82261	21801	785//	54804	83820	85632		204	70211	82011	19302	785//	52714	81825	87650	204	97511	54	psSo	JP						
	Mull of Galloway	131	80517	84031	22901	856//	53103	88635			131	50525	84022	20702	556//	52609	85640		131	00011									
	Eskdalemuir	162	80508	58718	23650	885//	52602	82823	88635		162	80309	62227	22350	856//	53606	83633	88644	162	94518	52								

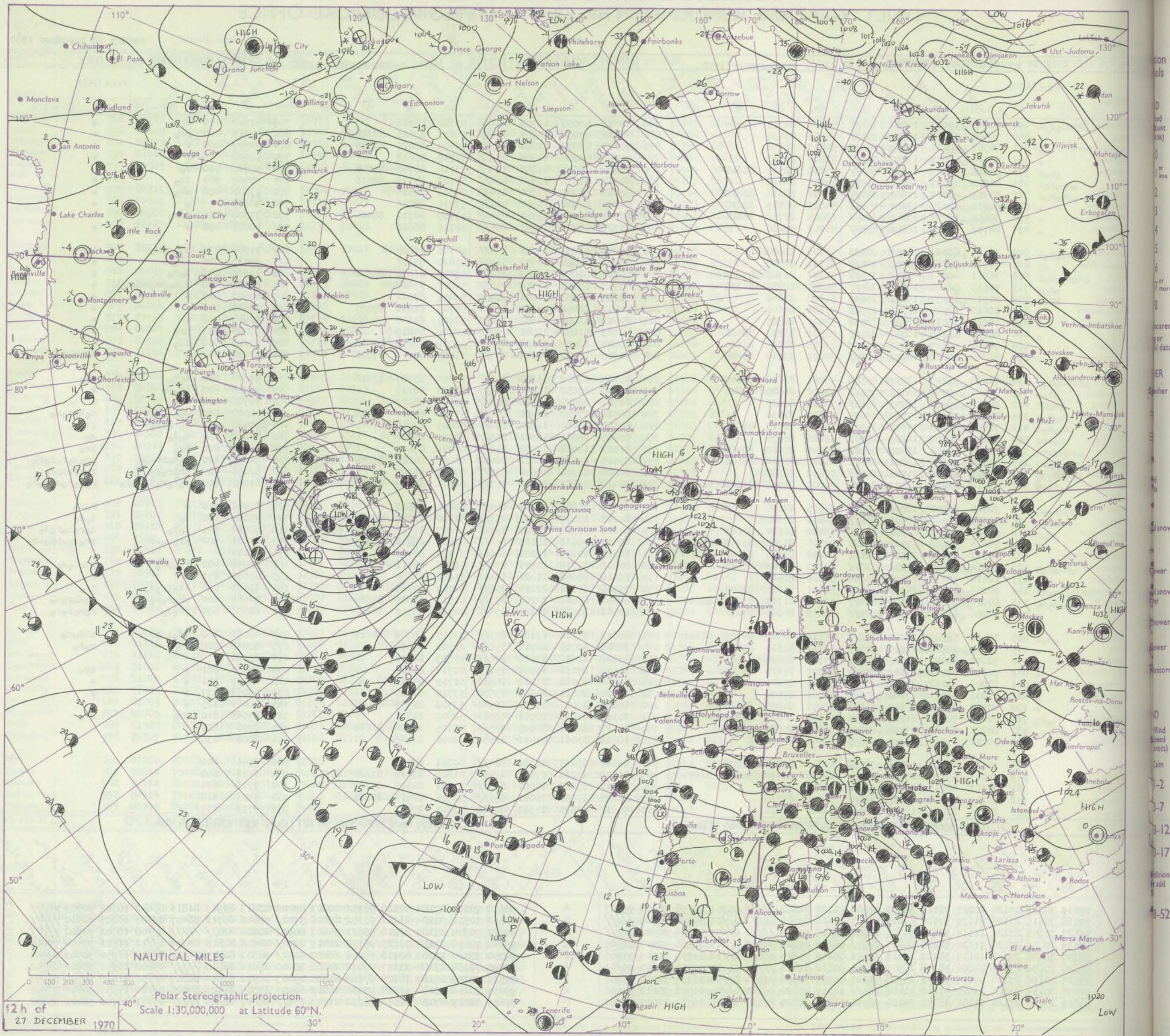
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

Date of Issue Monday 28 December 1970

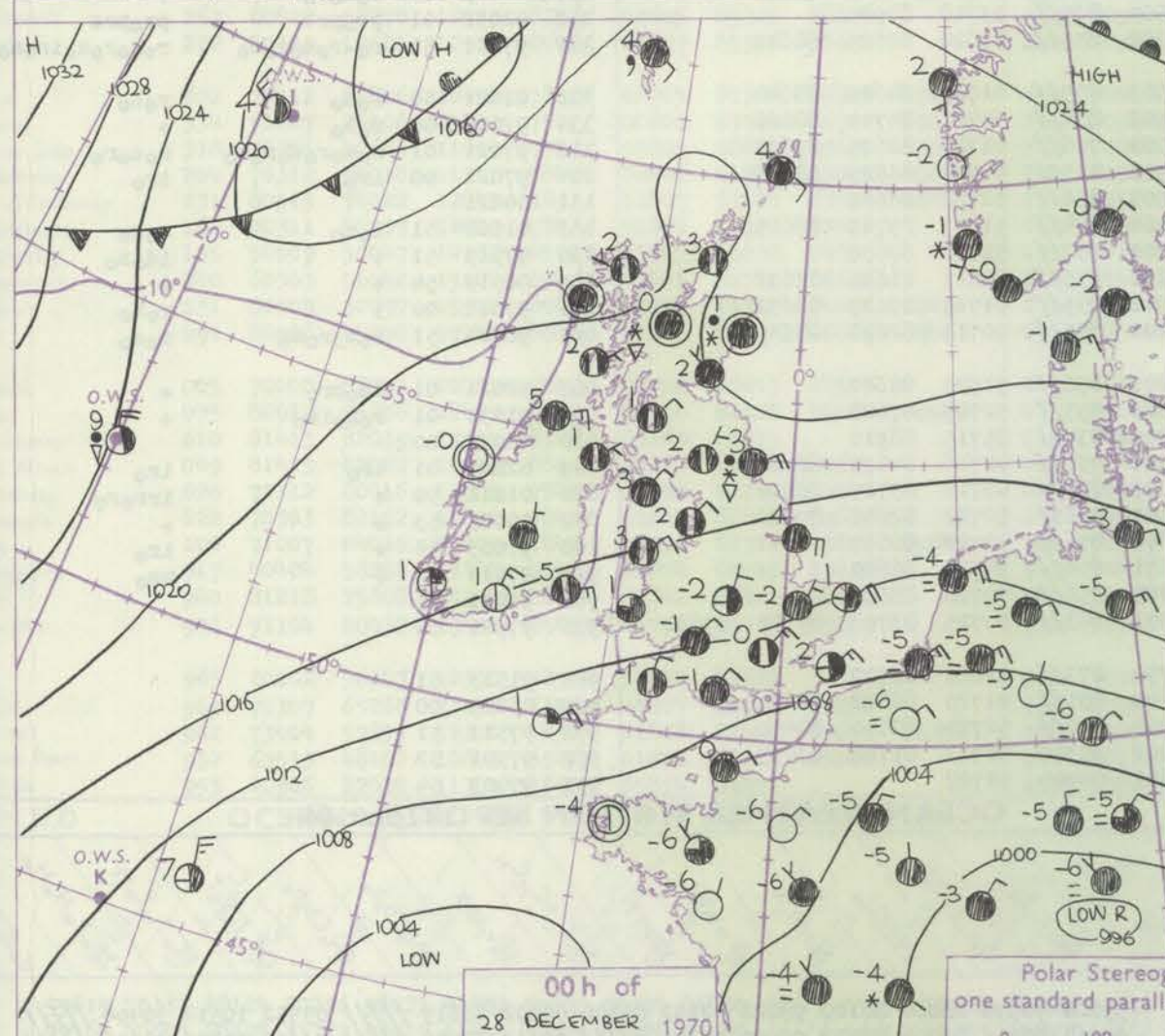
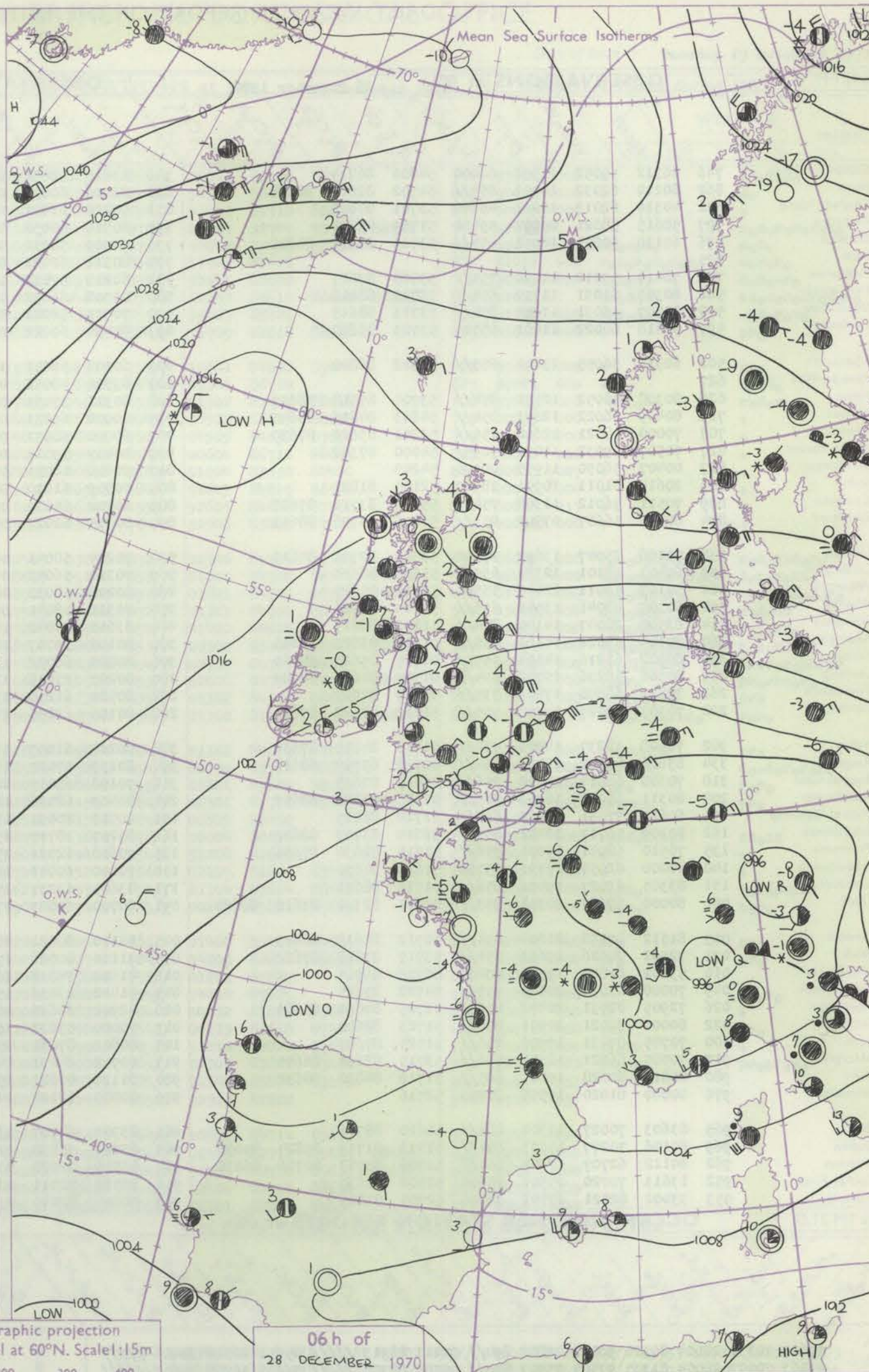
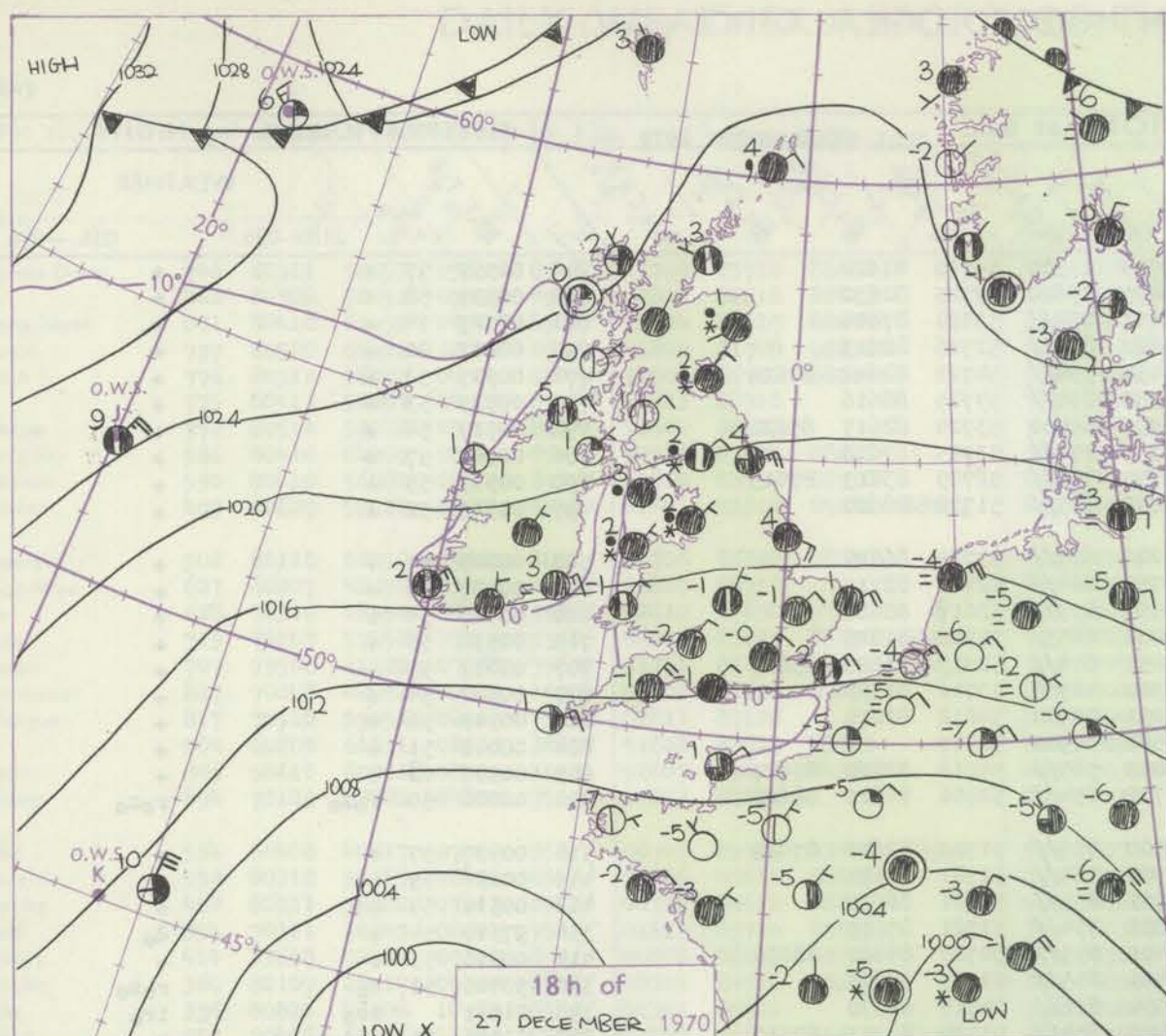
No. 39848

39848		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
Code FM 11.D		27 December 1970										27 December 1970										27 December 1970									
Station		ill	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	ill	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	ill	RRT x T _e	S _{ss}	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down		746	70713	59707	14352	754//	55801	82715	87624		746	80412	59057	12752	864//	55710	88712			746	97517	000	SoSo		+						
Hurn		862	70410	58022	13752	756//	55003	87630		862	80310	57058	11951	3557//	54607	83625	88358			862	97519	000	PSO		+						
Thorney Island		871	20307	58011	13853	25700	55803	82656		871	70314	56051	11651	3557//	52709	83625	87359			871	00507	000	+		+						
Manston		797	70714	56053	13750	754//	53805	87611		797	70617	59022	11502	6543//	51710	86612			797	00027		+		+							
Gatwick		776	80305	45227	14051	854//	54802	82715	88618		776	70210	38052	11851	754//	53710	83712	87618		776	97507	000	So		+						
Kew		775	80310	40057	14551	854//	54001	88618		775	80313	56052	12950	854//	53707	84712	88616			775	97009	000	iso		+						
Heathrow		772	80313	45057	14651	854//	54002	82616	88622		772	80216	56022	13350	854//	54603	88618			772	97507	000	sho		+						
Honington		586	80610	58022	16151	854//	54802	85615	88618		586	80410	58022	14251	854//	53710	88616			586	00507		+		+						
Wattisham		590	80609	56772	15852	854//	53802	82712	88614		590	80511	56027	13951	854//	53709	86711	88614		590	97507	000	isho		+						
Gorleston		497	80718	58052	16200	855//	51202	88620		497	80720	58022	14401	855//	52710	88620			497	00025	000	+		+							
Aberporth		502	20414	66027	16251	22530	54106	82820		502	70210	59051	15551	755//	54706	87625			502	91005	035	isoSoSo		ido							
Ross-on-Wye		627	70508	57027	15552	764//	54101	87715		627	80212	48052	14751	864//	55810	88715			627	97517	000	iso		+							
Filton		628	70611	40057	15152	753//	55007	81708	87623		628	80309	58052	14052	854//	54806	86618	88628		628	92516	006	SoSo		+						
Rhoose		715	70615	56228	14652	784//	54007	86813	84630		715	70313	58058	13752	754//	55807	87619		715	01518	000	SoSoPSOSSoSo		+							
Chivenor		707	20911	61037	14051	25600	55108	82640		707	30614	58053	12751	30930	53805	83362			707	00007	047	+		+							
Mount Batten		827	20617	62021	12352	25600	55108	82640		827	70412	58051	11251	12602	54703	81830	87075		827	00517	044	+		+							
St. Mawgan		817	10910	66011	12651	18530	57002	81825		817	20611	56050	11853	15601	55805	81640			817	00513	066	+		+							
Scilly		804	80715	61268	10701	3252//	51501	83823	88458		804	40713	61030	10201	48400	52806	83819		804	97020	007	prs		+							
Culdrose		809	70614	58037	11552	784//	53303	84814	86620		809	40507	62051	11053	48400	57000	82818	83630		809	00513	016	iso		+						
Guernsey		894	61016	60022	10351	684//	52801	83818	85625		894	70815	50702	08301	754//	53707	82712	87616		894	97037	002	+		isoRoSol						
Elmdon		534	40810	56227	17252	45500	56001	81628	84645		534	70207	22041	15751	753//	53504	83707	87616		534	91507	005	SoSo		sho						
Cardington		559	70512	40707	16351	755//	53002	86620	87640		559	80410	48057	14951	854//	53708	88615		559	97506	000	isoSh		+							
Wittering		462	80710	56022	16951	855//	54803	88625		462	80711	48022	15550	854//	53605	88615			462	00506	000	+		+							
Watnall		354	10606	48227	17852	15600	53806	81630		354	80511	17237	16400	854//	51704	84710	88620		354	92007	000	Soiso		SoSoRoSo							
Shawbury		414	70606	40707	17852	754//	54002	82614	87630		414	83507	32047	16251	854//	52807	88613		414	92007	001	SoSo1iso		iso							
Finningley		360	80203	40707	18400	856//	52806	88630		360	80205	48037	16601	856//	00707	88631			360	01017	000	SoSo		So							
Kilnsea		396	81020	58606	18403	5552//	00400	85620	88460		396	81022	64028	16504	856//	00701	88640		396	01042	000	iro		iro							
Leeming		257	80309	37687	19801	854//	01806	87710	88620		257	80606	59837	18402	68402	01803	84814	85656	88075	257	94035	000	SoSo1iroSo		proSoRoSoRo						
Tynemouth		262	80826	61838	21104	8097//	00802	88358		262	60825	66268	19604	635//	00607	86925			262	02051	000	phproho		phprspr							
Carlisle		222	80510	58688	21402	854//	00001	81712	85622	88630	222	70410	59687	19902	753//	00806	82707	85713	86635	222	01031	000	SoSoRoSoRoSo		RoSoRoSoRoRo						
Valley		302	70718	61048	18001	755//	54005	87628		302	80407	56682	17102	854//	50806	88616			302	01035	018	+		RoSo							
Ringway		334	70711	56047	18300	755//	54000	87625		334	80208	25047	16401	853//	51710	82708	83714	87625	334	93026	000	So		SoSo							
Squires Gate		318	50541	50047	19301	55500	52002	82620	84640		318	80607	50687	17502	854//	01707	81712	84625	88638	318	92021	005	SoSo		SoRoSoRoSo						
Ronaldsway		204	70615	35688	19702	782//	01004	81705	85708	85656	204	80412	59618	18603	854//	02608	88710	88616		204	04031	002	proSo-rs		proSo-pho-ro						
Mull of Galloway		131	60525	63158	20503	3853//	00802	82825	86362		131	80516	70022	19203	8092//	51710	88460		131	91031											
Eskdalemuir		162	70314	59267	22201	733//	52803	85709	85915		162	80408	37718	20901	874//	51706	88711		162	92016	000	isoPSO		PSOSoSo							
Prestwick		135	10614	59051	23102	15540	51806	81620		135	10612	58040	21401	15601	51606	81640			135	00030	049	+		+							
Abbotsinch		140	80206	59687	24502	856//	51801	81630	88645		140	70310	65057	22202	756//	52709	87645		140	91031	008	iso1iroSo		iso							
Leuchars		171	80914	74238	24503																										

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over the northeast Atlantic has declined and a small depression has moved east and then south to a position between Iceland and Scotland. At the same time an area of complex low pressure has developed over central and western Europe. Low pressure is expected to persist over central and western Europe maintaining a

cold easterly airstream over the British Isles. Minor troughs within this air-stream are expected to affect east, central and southeast districts of England at times during the next 24 hours.

Issued at midday Monday 28 December 1970

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

Code FM II.D		OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT									
		28 December 1970										28 December 1970																			
Station	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d app	8N _h Ch _h S _h	8N _h Ch _h S _h	8N _h Ch _h S _h	iii	Nddff	VVwwwW	PPPTT	N _h Ch _h C _h H	T _d app	8N _h Ch _h S _h	8N _h Ch _h S _h	8N _h Ch _h S _h	iii	RRT _n T _n E	T _g T _g	WEATHER									
																						21h.—03h.	03h.—09h.								
Boscombe Down	746	60312	59052	11552	66400	54806	86714			746	13610	50051	07553	15500	55720	81620			746	00557	57	+	+								
Hurn	862	80210	62032	10451	854//	54702	82615	88638		862	23406	60031	06855	25600	57723	82630			862	00557	58	+	+								
Thorney Island	871	40310	62013	10051	45600	53701	84630			871	70212	62021	06151	754//	53720	87614			871	00527	54	+	+								
Manston	797	50615	58021	09102	55400	51709	85612			797	80516	50052	04802	854//	52726	88613			797	00017	00	+	+								
Gatwick	776	60110	50051	10051	654//	53705	83611	84618		776	70309	58052	06051	754//	54722	82612	87614		776	00517	53	+	+								
Kew	775									775	80311	62022	06550	854//	54725	88616			775	00519	53	+	+								
Heathrow	772	70414	57012	11200	754//	53708	87617			772	60213	57012	06950	65400	53724	82617	85621		772	00517	54	+	+								
Honington	586	80306	61031	11752	854//	53712	88618			586	70308	66032	07351	754//	53725	87618			586	00547	57	+	+								
Wattisham	590	80507	56031	11351	854//	53713	88613			590	70511	58022	06750	754//	52725	83613	87615		590	00537	55	+	+								
Gorleston	497	50418	60022	11001	55500	53723	85620			497	80430	60022	06802	855//	51722	88620			497	00513	52	+	+								
Aberporth	502	60311	56055	13401	655//	52612	86620			502	60108	56051	10201	655//	53723	86620			502	00005	54	+	+								
Ross-on-Wye	627									627	83508	48052	08751	864//	52722	88712			627	00527	54	+	+								
Filton	628	80308	48052	12551	854//	53704	85618	88657		628	80311	37051	08551	855//	52618	88628			628	00526	54	+	+								
Rhoose	715	80409	66022	12651	854//	54803	84616	88645		715	60000	65031	09052	6853//	55716	85820			715	00538	56	+	+								
Chivenor	707	70000	58021	12600	755//	53301	85620	87630		707	60000	58031	09150	655//	52713	83623	85646		707	00517	55	+	+								
Mount Batten	827	70507	59032	11051	7093//	54000	87362			827	40407	59011	08300	40930	53716	84361			827	00527	54	+	+								
St. Mawgan	817	00407	56050	11953	00900	54203				817	20408	48051	09251	00901	54612	82070			817	00543	56	+	+								
Scilly	804	20614	61011	10901	28500	52105	81821			804	00509	61010	08503	00900	51717				804	00010	51	+	+								
Culdrose	809	70511	56012	11352	754//	55004	83710	87627		809	50508	60031	09053	585//	55718	82820	85627		809	00557	62	+	+								
Guernsey	894	80316	56687	07502	853//	51806	83708	88611		894	80315	62027	05702	854//	52606	84615	88620		894	02026	50	roSo	roSo								
Elmdon	534	50106	35047	13652	55300	53809	82706	84611		534	70209	50041	09500	755//	51723	82623	87629		534	00537	57	+	+								
Cardington	559	60403	48101	12354	655//	55610	86624			559	70310	56052	07900	755//	51721	87624			559	00556	59	+	+								
Wittering	462	50107	56011	12600	55500	52714	85627			462	80208	58032	08701	855//	52721	88627			462	00516	54	+	+								
Watnall	354	60307	48041	13951	655//	51613	86626			354	70310	48041	09801	754//	51721	87619			354	97517	54	+	do								
Shawbury	414	83508	28047	14100	854//	51812	88617			414	83610	35042	10401	855//	50720	84620	88630		414	00516	53	+	+								
Finningley	360	80104	59022	14101	855//	01717	83625	88640		360	80106	59707	10401	855//	01723	88625			360	93016	51	so	roSo								
Kilnsea	396	80922	61216	14104	5552//	00715	85625	88640		396	80828	66022	11504	856//	01718	88630			396	01031		ir	ir								
Leeming	257	80306	58236	15702	854//	01717	84612	88624		257	80207	23606	12402	854//	01720	84713	87632		257	01015	00	roSo	ro								
Tynemouth	262	70821	66848	17203	735//	02716	87925			262	80520	61258	13504	835//	03718	88925			262	02032	01	proprs	proprs								
Carlisle	222	70307	62027	17702	755//	51812	83622	87647		222	80106	62236	14302	855//	50620	82625	88643		222	97011	50	ro-roSo	roSo								
Valley	302	70608	58237	14903	754//	01713	84614	87635		302	80210	61047	11503	855//	01725	84620	88640		302	01021	50	roSo	roSo								
Ringway	334	83606	40042	14401	854//	00716	85714	88618		334	80107	57027	10902	854//	50721	84714	88628		334	97015	00	roSo	+								
Squires Gate	318	70308	60017	15402	756//	01615	87635			318	70108	65017	12002	756//	01721	82635	87657		318	97021	01	roSo	roSo								
Ronaldsray	204	80311	65036	16303	885//	01715	81828	88657		204	80409	62026	12903	1152//	01721	81825	88458		204	97021	00	ir	ir								
Mull of Galloway	131	60617	77031	17003	656//	51712	86635			131	80517	80031	13903	856//	52721	88640			131	00021											
Eskdalemuir	162	80309	56717	18401	853//	52814	83709	88622		162	80207	28717	15000	854//	51817	85713	88625		162	01508	51	soSo	soSo								
Prestwick	135	70510	58041	19001	756//	51715	82630	87656		135	70608	62021	15201	757//	51822	87656			135	97513	51	+	idSo								
Abbotsinch	140	40000	62057	19701	45700	51618	84650			140	70000	60041	16200	755//	50817	81625	87632		140	00513	54	+	+								
Leuchars	171	83305	62027	19402	856//	01716	88631			171	83604	62237	15902	855//	01715	83623	88632		171	97011	00	+	roSo								
Dyce	091	80000	57687	20301	853//	00711	82708	83618	88624	091	80000	62047	17201	855//																	

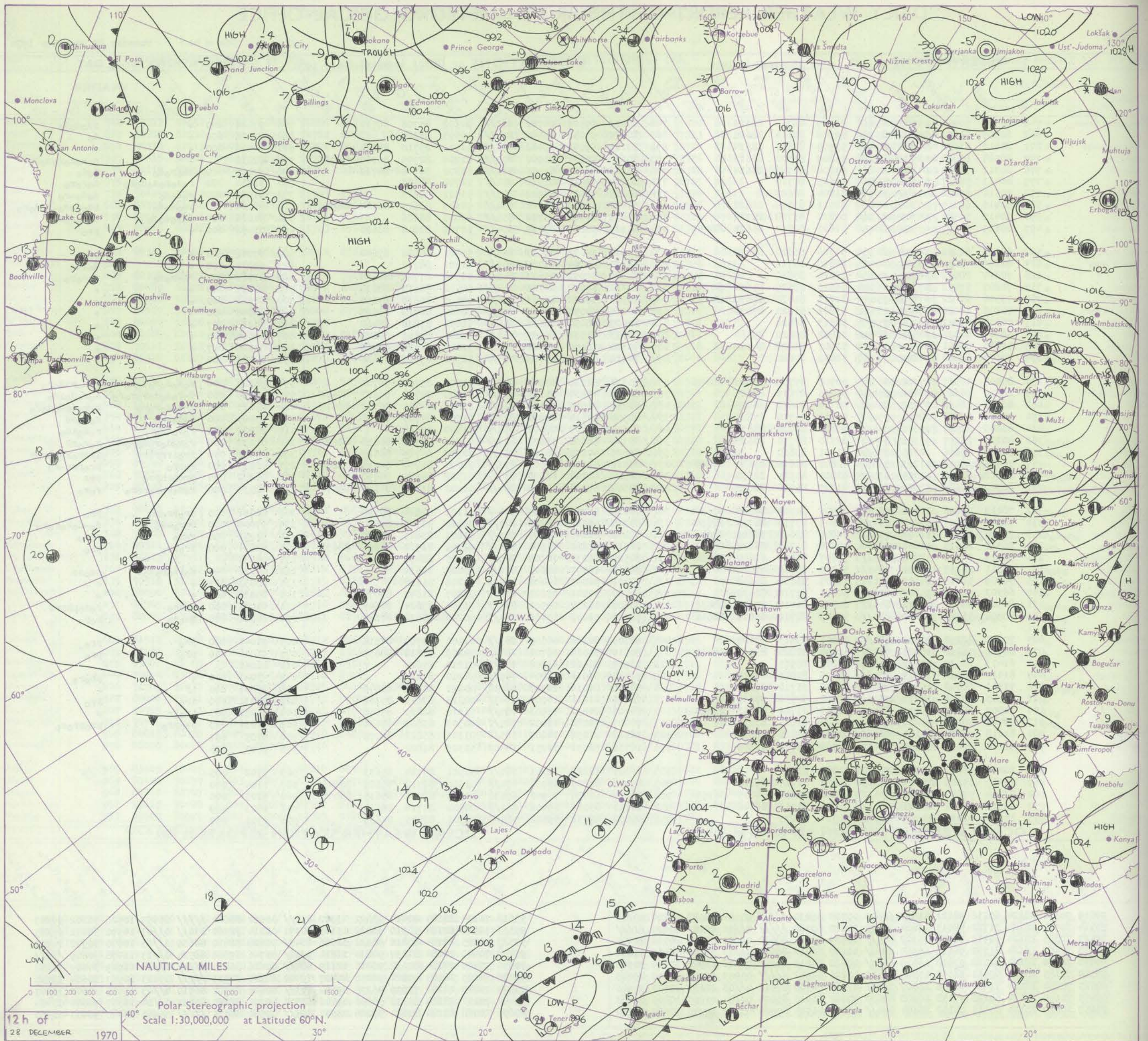
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39849

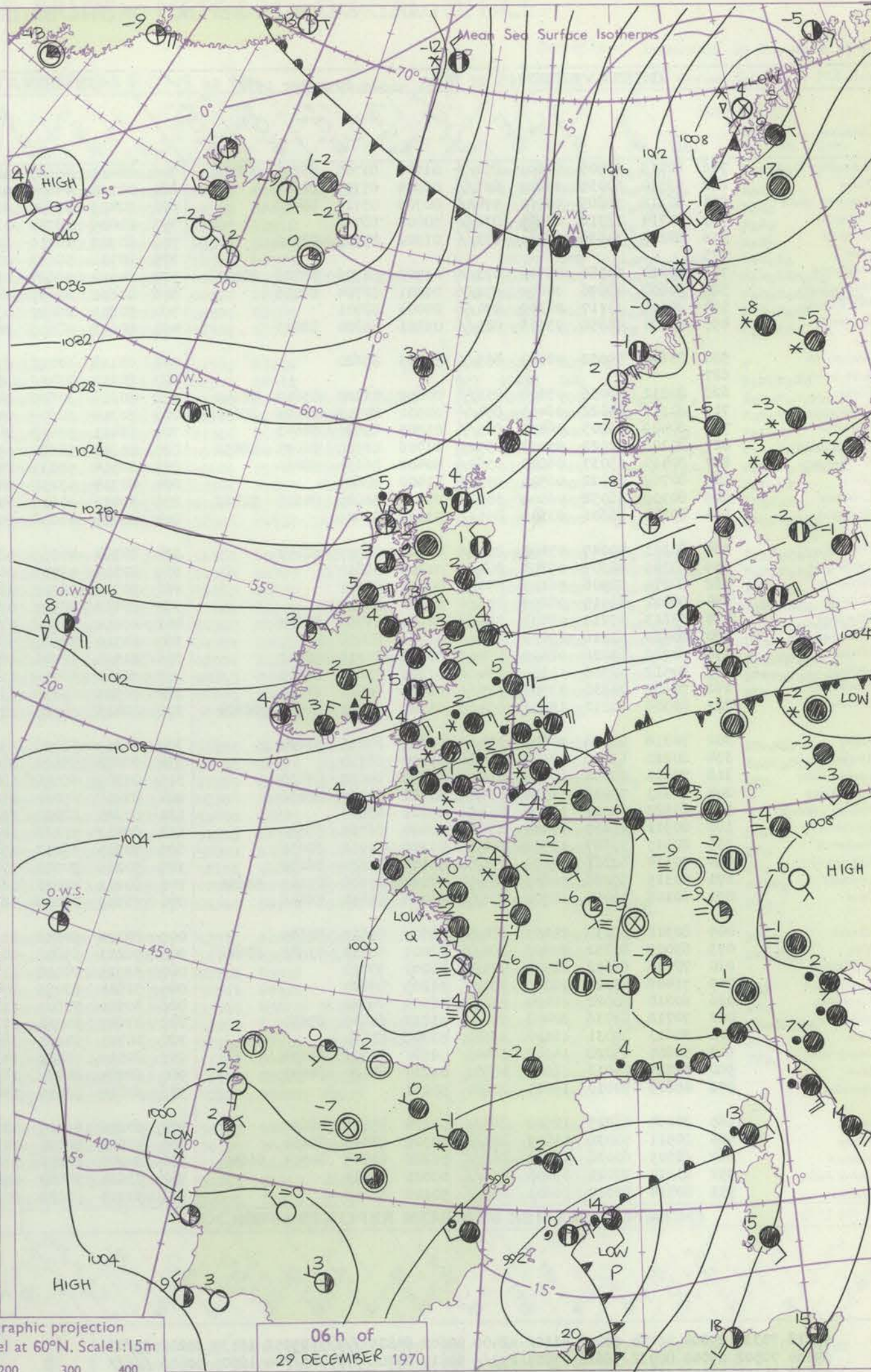
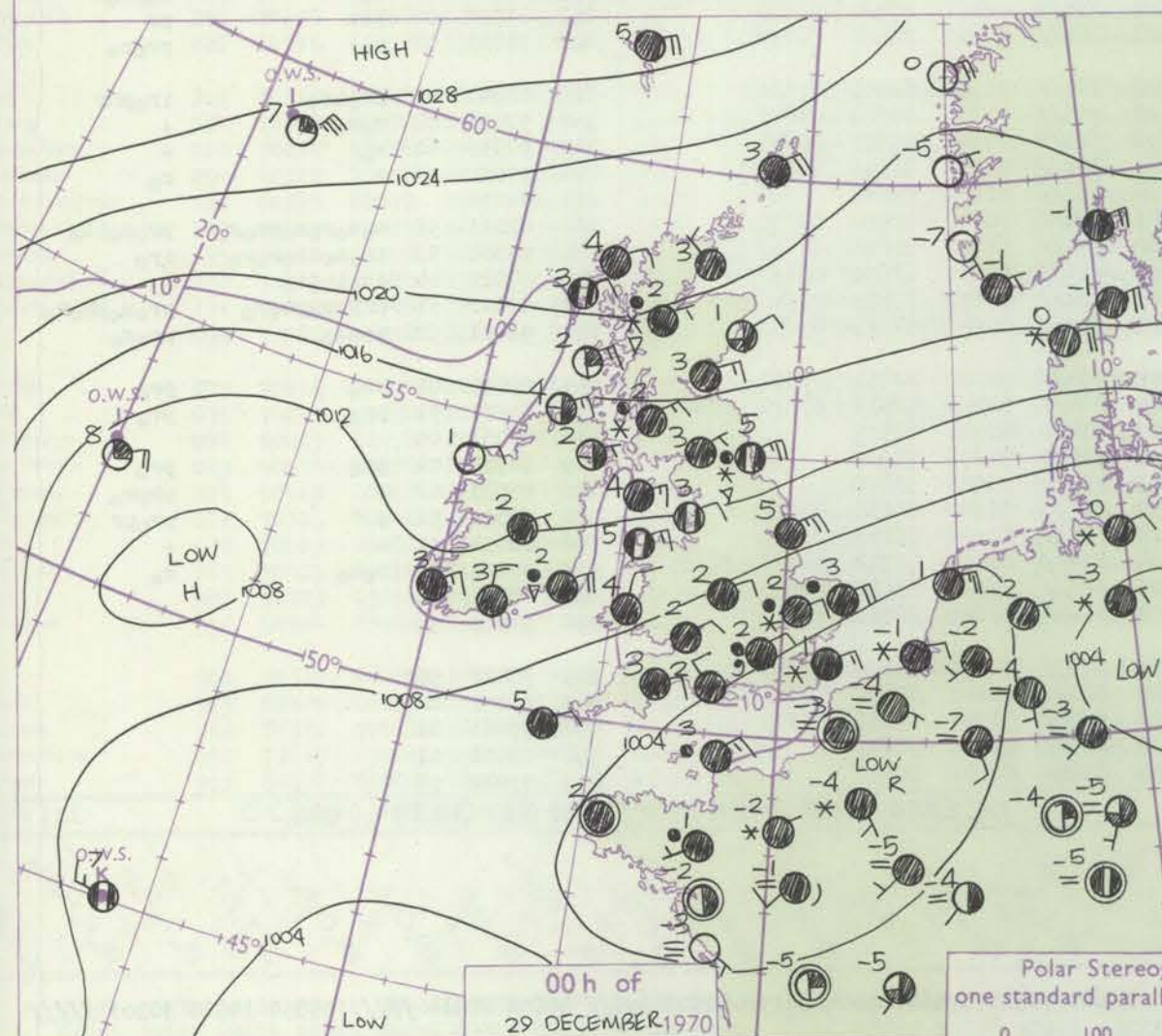
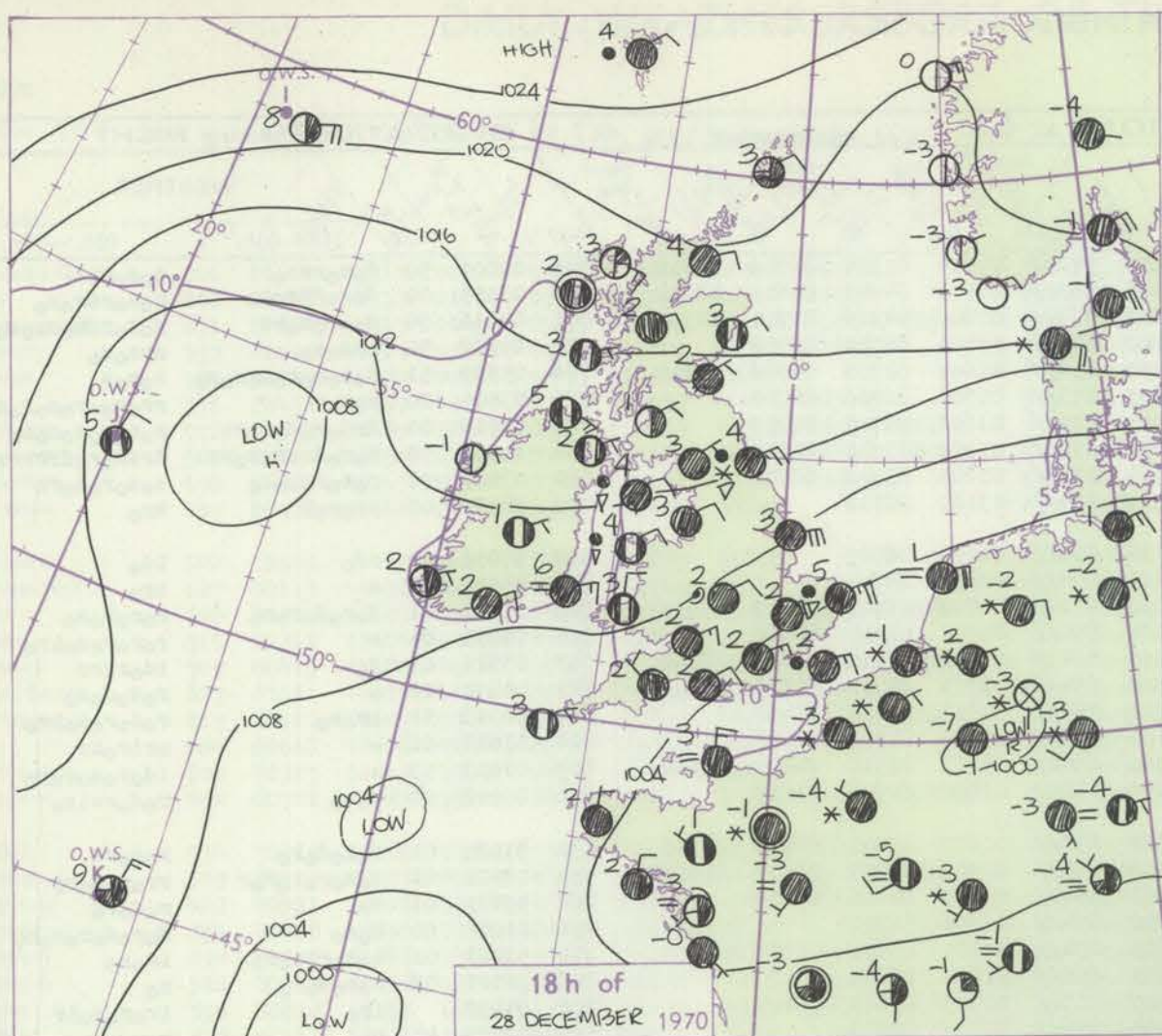
Date of Issue Tuesday 29 December 1970

Code FM 11.D		OBSERVATIONS at 12h. 28 December 1970										OBSERVATIONS at 18h. 28 December 1970										OBSERVATIONS during DAY				
Station		iii	Nddff	VVwvw	PPPTT	NChChCh	Td app	8NChh _s	8NChh _s	8NChh _s	iii	Nddff	VVwvw	PPPTT	NChChCh	Td app	8NChh _s	8NChh _s	8NChh _s	iii	RRT x F	SSS	WEATHER			
																							09h.—15h.	15h.—21h.		
Boscombe Down	746	80311	50051	05600	854//	51709	83710	88620			746	80413	59505	04702	863//	00302	85708	88711		746	97026	000	+	1d0d0d0		
Hurn	862	80308	50052	05450	854//	52808	82618	88623			862	80110	58052	03802	854//	50503	88614		862	97026	000	+	do			
Thorney Island	871	80410	61032	04901	854//	53704	85617	88624			871	80209	59052	03402	854//	51502	85710	88614		871	00026	000	+	+		
Manston	797	80520	60022	02902	853//	51809	81708	88612			797	80614	50617	01902	872//	01704	82704	85707	88708	797	02036	000	+	roSooroSoSo		
Gatwick	776	80312	56772	04301	854//	51804	86710	88614			776	80210	36507	03001	873//	51802	82708	88712		776	97027	000	+	d0d0		
Kew	775	80413	58687	04902	874//	51603	88710				775	80210	59017	03502	854//	51702	88618		775	91036	000	+	roSooroSooro			
Heathrow	772	80514	59022	05302	854//	51804	88612				772	80215	58017	03902	855//	51501	88623		772	97025	000	+	doro-ro			
Honington	586	80410	62205	05302	854//	50711	83714	88620			586	80411	59205	04602	854//	51603	83615	86620	88626	586	91026	000	+	1d0d0d0-ro		
Wattisham	590	80410	56582	04701	873//	00810	83708	88710			590	80413	61026	03701	855//	51605	88626		590	91026	000	+	doro			
Gorleston	497	80629	58022	05504	6842/	01601	82817	85621	88457		497	80324	58808	03405	884//	51709	82818	88620		497	01052	000	+	pro		
Aberporth	502	80110	62052	09203	885//	51706	86820	88650			502	73612	59058	08003	755//	50601	84620	87640		502	97041	000	+	pro		
Ross-on-Wye	627	80207	48052	07302	864//	00810	88712				627	83410	48055	06702	864//	01301	88710		627	97021	000	+	d01d0			
Filton	628	70310	28052	06701	756//	52810	87630				628	80415	37057	05602	853//	01502	87707	88618		628	97025	000	+	ro-roSo		
Rhoose	715	70207	57052	07302	55506	54810	83629	85650	87272		715	80311	58052	06103	854//	50502	86613	88630		715	00035	000	+	+		
Chivenor	707	73506	61022	07803	75631	51711	81630	87650	85075		707	70505	59022	06403	756//	00505	84630	87656		707	00046	000	+	+		
Mount Batten	827	70208	48052	07802	15531	53802	81620	87075			827	80210	48052	05403	854//	00604	86710	88625		827	00046	000	+	+		
St. Mawgan	817	70510	59051	08102	755//	52813	87628				817	80409	58052	06602	3567/	51604	83638	88460		817	00023	007	+	+		
Scilly	804	60809	61031	08503	38472	51802	82819	85360			804	70803	61032	06503	784//	51605	84819	86628		804	00050	004	+	+		
Culdrose	809	50610	60051	08401	35531	52807	83628	84360			809	70310	56052	06302	4552/	52605	84628	87462		809	00026	017	+	+		
Guernsey	894	70109	62022	04802	755//	52803	87620				894	70111	60022	03403	784//	51506	83813	87620		894	00036	000	+	+		
Elmdon	534	80408	40517	07902	853//	00707	85709	83628	88645		534	80311	22517	07002	872//	01501	85704	88707		534	96025	000	+	roSooroSooro		
Cardington	559	80310	56687	06402	854//	01706	83615	88625			559	80107	48687	05101	853//	01000	84708	86617	88631	559	96025	000	+	doroSooro		
Wittering	462	80211	58682	07102	854//	00710	84612	88625			462	80211	48587	06102	852//	01601	84705	86711	88615	462	01025	000	+	roSooroSooro		
Watnall	354	70311	28207	08601	754//	01811	85710	87625			354	80307	17515	07901	872//	01301	84705	88708		354	03025	000	+	d0d0d		
Shawbury	414	83608	32507	09302	854//	00808	86614	88635			414	83611	17207	08502	854//	01400	88618		414	91025	000	+	roSooro			
Finningley	360	80107	28217	09302	854//	02710	84710	88625			360	80309	58606	08603	853//	02302	83708	86618	88623	360	01031	000	+	roSooro		
Kilnsea	396	80826	48606	10705	855//	01301	88620				396	80829	57278	08303	854//	02707	85715	88625		396	05052	000	+	roSooro		
Leeming	257	70406	61016	11203	55432	02808	81615	85630	87360		257	80412	40618	10503	853//	02000	84708	86715	88620	257	01031	000	+	roSooro		
Tynemouth	262	80822	58278	12705	835//	02805	85925	88630			262	80524	61848	12304	835//	01302	84920	88630		262	01052	000	+	roSooro		
Carlisle	222	80309	59686	12902	854//	01807	85710	88625			222	80304	59027	12703	854//	01302	81712	84625	88640	222	02031	000	+	roSooro		
Valley	302	70412	66806	10404	783//	02705	81707	84810	87636		302	70412	58808	09804	784//	01101	84814	87628		302	01051	000	+	roSooro		
Ringway	334	70207	25506	09803	754//	00806	83710	86714	87630		334	80312	56505	09203	854//	00500	83711	88630		334	97041	000	+	roSooro		
Squires Gate	318	70306	40616	11004	754//	02805	82618	85625	87656		318	80208	40046	10103	855//	01801	83625	88650		318	91041	000	+	roSooro		
Ronaldsway	204	70312	80018	11803	58471	02806	81712	83822	85650		204	80311	62808	11504	884//	02301	81712	85825	88635	204	92041	000	+	pro		
Mull of Galloway	131	80515	74022	12803	3852/	51807	81820	83640	88460		131	80520	80032	11303	8092/	00705	88460		131	00031	000	+	roSooro			
Eskdalemuir	162	70311	56717	14001	784//	51801	83710	87626			162	80312	48707	13601	856//	00004	88630		162	02036	000	+	roSooro			
Prestwick	135	50609	50047	14102	45631	51805	81638	84650			135	40303	56041	14401	15431	51208	81618		135	00033	005	+	roSooro			
Abbotsinch	140	60303	56042	15202	654//	50801	81712	86632			140	30407	57041	15201	15601	52207	81640	83075		140	00033	001	+	roSooro		
Leuchars	171	80309	60797	15502	854//	01001	81712	84616	88636		171	80207	66237	15502	855//	01304	83624	88645		171	01031	000	+	roSooro		
Dyce	091	80908	45878	17202	884//	50103	82712	86817	88642		091	70508	59048	17403	785//	00207	85821	87645		091	02021	000	+	roSooro		
Lerwick	005	70000	82252	20703	784//	00006	83815	87625			005	60309	82													

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

High pressure has persisted between Iceland and Greenland. The depression to the northwest of Scotland, which yesterday moved south from Iceland, has continued to move slowly south. Pressure has continued to remain low and complex over western

Europe, maintaining a cold easterly airstream over much of the British Isles. The main centre of the low complex will continue to move steadily northeast while the secondary centre will persist near Cape Finisterre.

Issued at midday Tuesday 29 December 1970

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

Code FM II.D		OBSERVATIONS at 00h. 29 December 1970										OBSERVATIONS at 06h. 29 December 1970										OBSERVATIONS during NIGHT				
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	iii	RRT _n F	T _g T _g	WEATHER				
																						21h.—03h.	03h.—09h.			
Boscombe Down	746	80213	58505	04301	872//	01708	83705	85708	88716	746	80411	48697	02801	872//	00614	81704	85706	88712	746	02005	50	doroRSSo	SoSors			
Hurn	862	83510	60035	03802	853//	00804	85709	88614		862	80110	45686	02001	7532//	00713	84707	85615	88521	862	03015	00	doroRSSo	roSorsroSo			
Thorney Island	871	80112	58685	02902	5742//	00705	85710	88458		871	80409	37687	01801	7732//	00609	84706	87710	88550	871	04516	00	doroSors	roSorsroSo			
Manston	797	80714	18716	02501	872//	50001	88705			797	81009	18737	02500	872//	50400	86704	88707		797	09517	50	SSSoSo	SSSoSo			
Gatwick	776	80207	34686	03301	873//	01302	85707	88710		776	80707	18717	02101	872//	00607	82703	84706	88708	776	05507	51	doroRSSo	SoSors			
Kew	775									775	80311	58687	02601	873//	00704	86706	88708		775	03015	00	roRor	roRor-roSoRoSo			
Heathrow	772	80210	40586	03702	873//	01702	82706	85708	88710	772	80514	56687	02902	873//	01606	86707	88709		772	04015	00	drdoRSSo	roSorsroSo			
Honington	586	80608	48696	04602	872//	01301	82704	88706		586	80611	28637	04302	871//	01701	83702	88703		586	11015	50	doroRSSo	drdoRSSo			
Wattisham	590	80508	23717	04300	870//	00003	88701			590	80811	28697	03701	871//	01604	85702	88703		590	07005	50	roSorsroSo	roSorsroSo			
Gorleston	497	80620	48658	03503	885//	02201	85820	88625		497	80623	48616	04504	874//	03101	88718			497	08022	01	proRor	Rro			
Aberporth	502	83612	59052	08104	855//	50703	88620			502	80118	62012	07104	855//	51809	88629			502	97031	02	ido	ido			
Ross-on-Wye	627									627	80212	48026	05003	864//	00812	88710			627	95021	01	+	iro			
Filton	628	80212	48056	05602	853//	00602	83708	85618	88649	628	80214	37686	04001	872//	00714	83705	86707	88711	628	01011	01	doroRSSo	roRor-roSo			
Rhoose	715	80310	64022	06403	854//	00501	84713	86622	88640	715	80314	62606	04502	854//	00714	81710	88640		715	01011	01	+	roRor-roSo			
Chivenor	707	80409	59205	06404	855//	01805	83626	88643		707	80411	59685	04903	6547//	01712	82715	85636	88360	707	03021	01	do	idoRSSo			
Mount Batten	827	80208	62022	05403	6552//	01706	82628	86643	88458	827	80107	58686	03503	854//	01713	85713	88618		827	01035	01	+	roSorsroSo			
St. Mawgan	817	80410	59037	06803	6562//	50400	86634	88460		817	80514	58237	04702	7572//	50813	87650	88460		817	94013	51	iroSo	roSorsroSo			
Scilly	804	80709	61022	06505	855//	51400	88625			804	80714	63258	04404	884//	02715	84818	88625		804	03041	01	+	priror			
Culdrose	809	80309	56052	06102	5852//	01703	82020	84628	88460	809	80413	50617	04701	5542//	01711	81710	84620	88460	809	01013	53	+	idoRSSo			
Guernsey	894	80210	66606	03103	855//	51804	88626			894	80417	56686	00102	853//	01820	84706	88615		894	05012	00	roRor	roSorsroSo			
Elmdon	534	80311	40047	07002	853//	00502	83707	88643		534	80314	40685	06002	853//	01607	85707	86712	88647	534	91025	01	roSorsroSo	roSors			
Cardington	559	80305	48507	05203	854//	01000	88617			559	80314	48587	04403	853//	02505	84707	86710	88613	559	02022	01	doroRSSo	rrorRSSo			
Wittering	462	80214	58506	06103	856//	00601	88631			462	80312	58217	05603	854//	01605	84616	88629		462	93021	01	do	roSo			
Watnall	354	80411	48515	08202	873//	01500	88707			354	80417	28797	07802	874//	01504	88710			354	01015	00	do	doroRSSo			
Shawbury	414	83613	37217	08703	854//	01802	83710	88614		414	80214	60606	07803	854//	51609	85618	88629		414	93021	01	roSorsroSo	iroSo			
Finningley	360	80412	61216	09103	856//	01400	88638			360	80310	62606	08903	855//	01504	88621			360	92021	02	roRor-roSo	ro			
Kilnsea	396	80728	63028	08805	1742//	50204	81715	88547		396	80728	62606	08905	5552//	01603	85620	88460		396	94032		iro	iroRor-roSo			
Leeming	257	80512	40606	11303	854//	01303	83612	88620		257	70912	66016	10904	756//	52805	87635			257	02022	01	ro	roRor			
Tynemouth	262	70627	74838	12505	735//	02400	84920	87630		262	80527	61258	13104	835//	02101	85920	88630		262	01032	02	prs	pr			
Carlisle	222	80306	61212	13603	854//	01301	83711	86619	88624	222	80415	69028	13403	885//	50801	82820	88650		222	91021	01	ro	proRo			
Valley	302	70316	62018	10305	784//	02701	83815	87624		302	70315	61028	09805	784//	01502	82815	87626		302	02041	01	proiro	irophr			
Ringway	334	80210	65026	09503	864//	00400	88710			334	70422	75022	08703	755//	53608	84625	87640		334	97031	00	roRor	+			
Squires Gate	318	70110	60036	10703	755//	02802	84622	87656		318	80309	65026	10603	855//	01501	85623	88643		318	97031	01	ro	+			
Ronaldsway	204	80313	75038	12304	854//	02101	81716	88656		204	80216	75022	11904	854//	02504	81716	88657		204	97031	02	+	ro			
Mull of Galloway	131	80522	84022	12404	856//	00801	88640			131	80225	82022	13104	856//	51602	88640			131	00031						
Eskdalemuir	162	80511	48687	14301	854//	00400	86715	88650		162	80412	58268	14401	884//	00400	82710	88650		162	02011	51	soSorsroSo	proSois			
Prestwick	135	80515	57687	15502	854//	00202	81712	88650		135	70515	75217	15803	755//	51801	82623	86633		135	97001	53	iroSorsroSo	iro			
Abbotsinch	140	70314	62221	16603	756//	50107	82630	86650		140	70216	70027	17003	756//	53801	83635	86650		140	97021	00	isoirSo	+			
Leuchars	171	80315	68268	16603	883//	02104	81708	83817	86630	171																

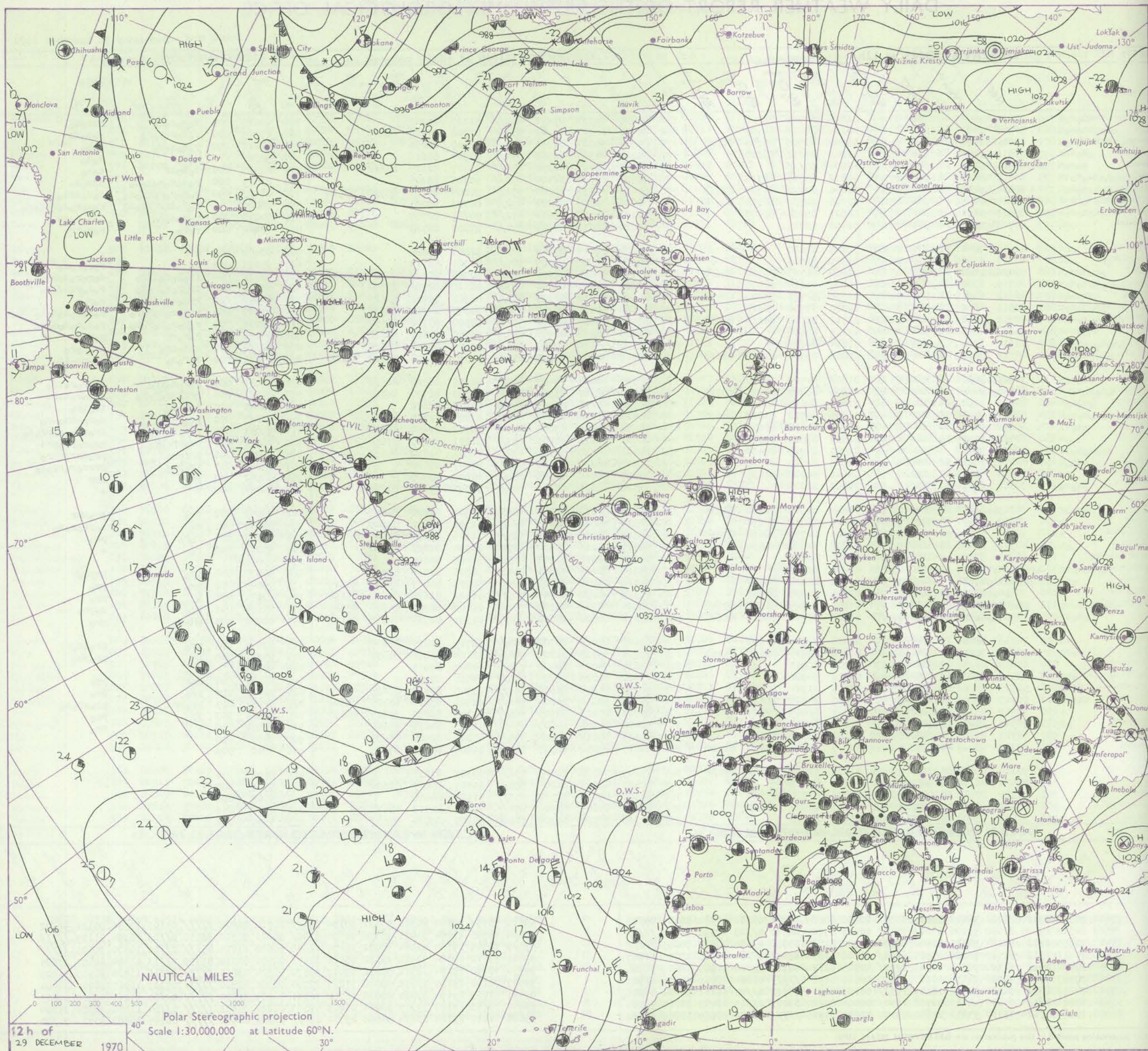
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39850

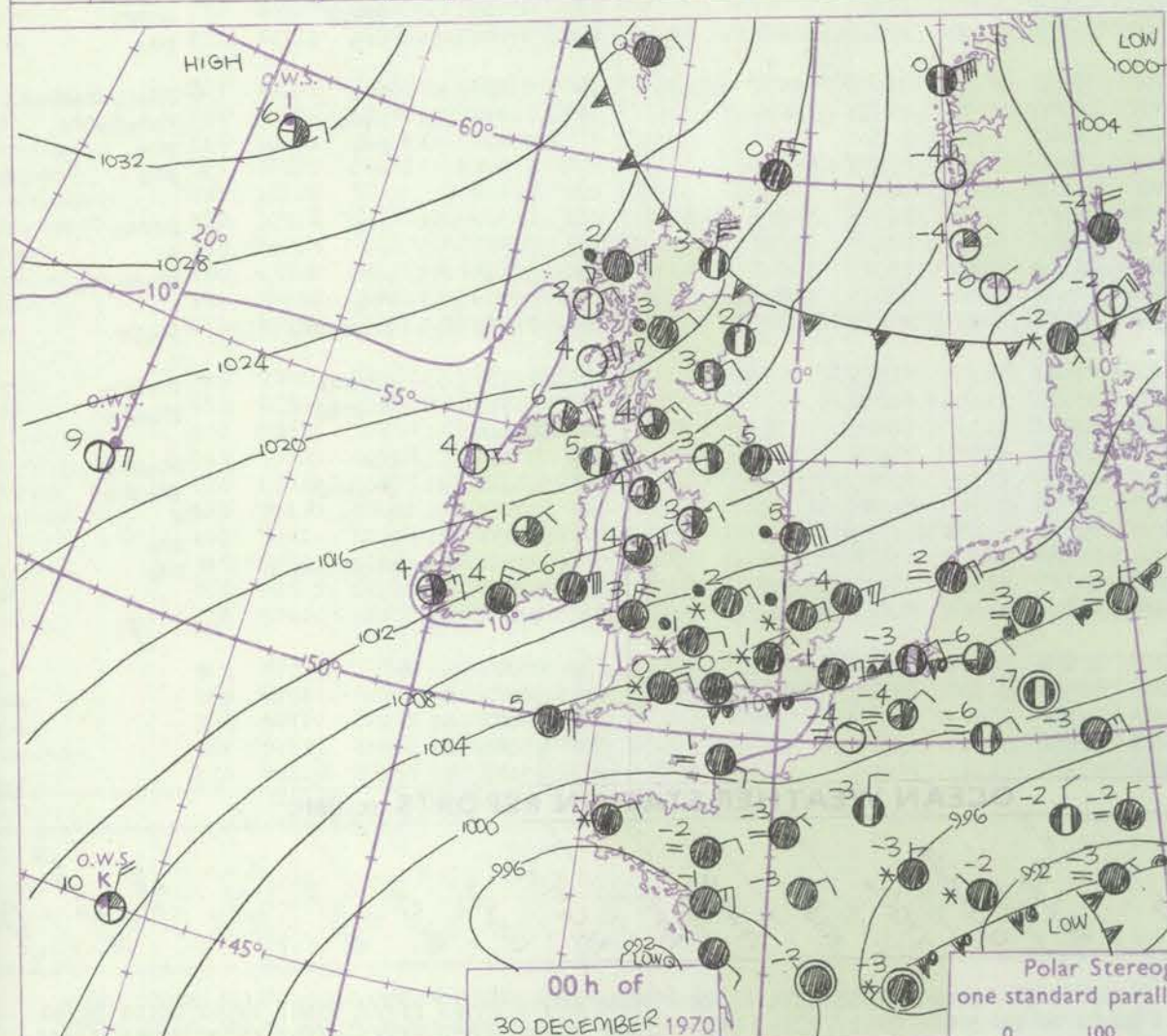
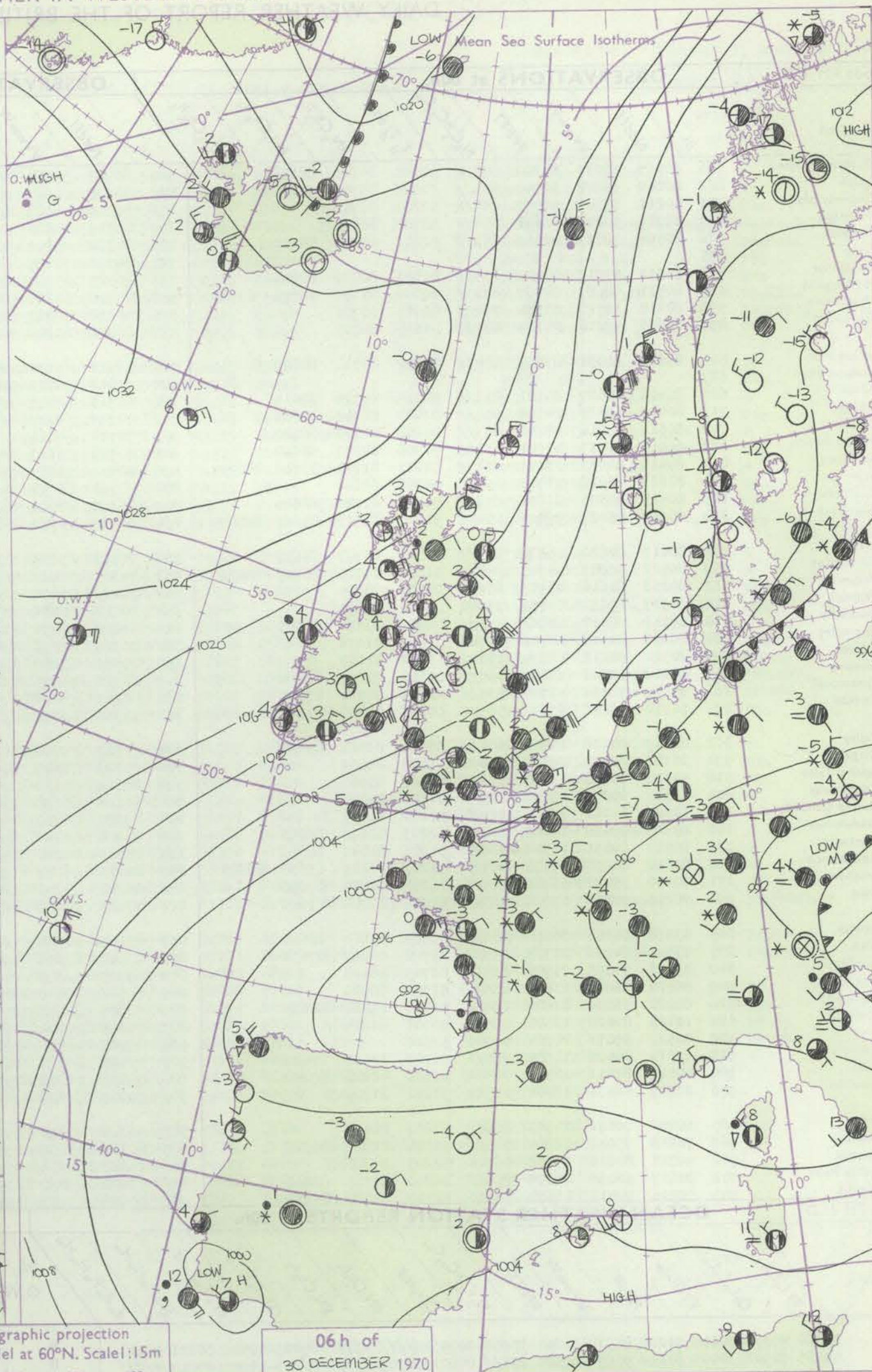
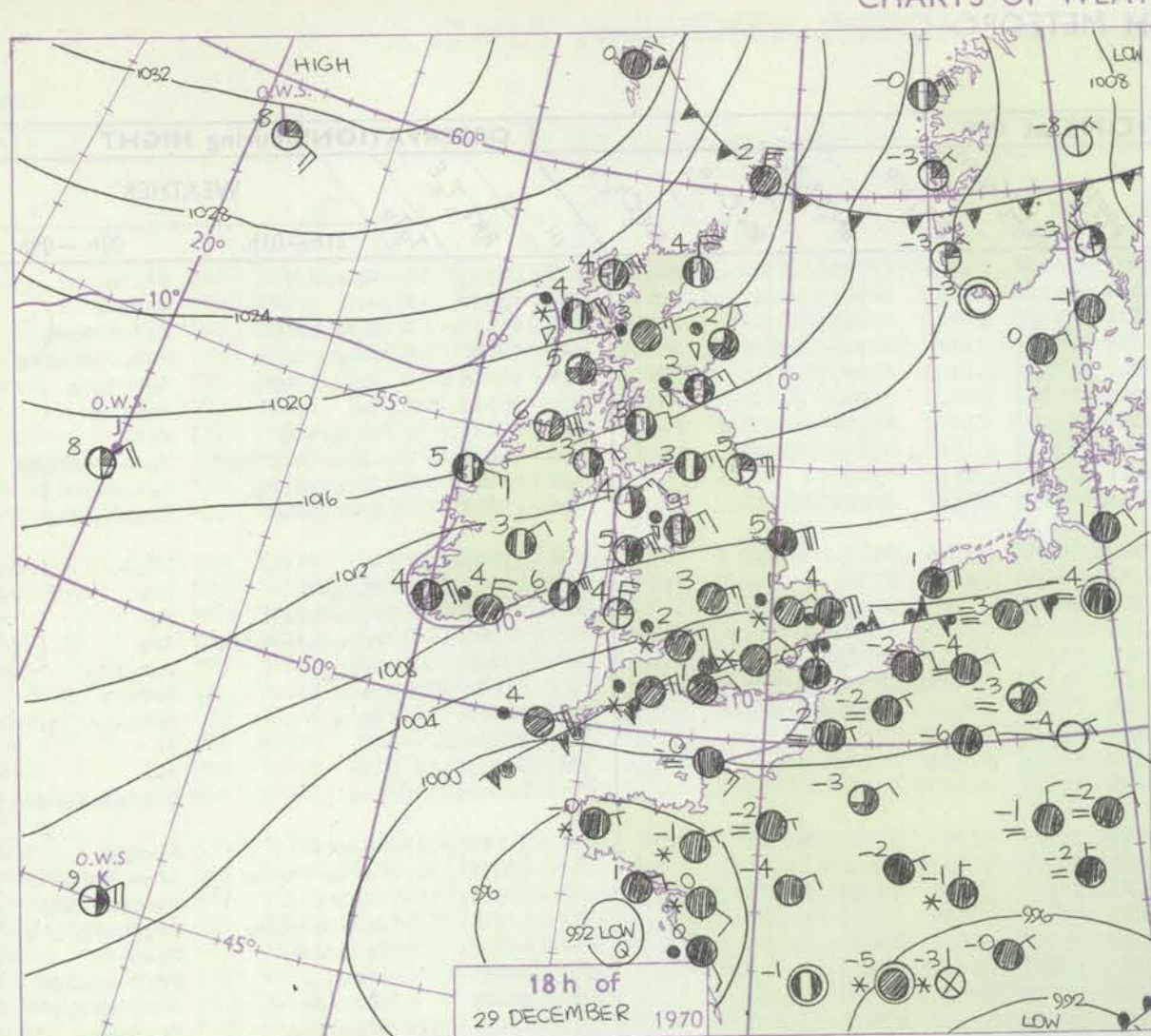
Date of Issue Wednesday 30 December 1970

OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
29 December 1970										29 December 1970										29 December 1970									
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT	T _h E	SSS	WEATHER						
																							09h.—15h.	15h.—21h.					
Boscombe Down	746	80611	40717	02201	873//	01808	84706	88708		746	81008	11737	02251	862//	51211	88703			746	04017	000		roSoSoSo	SSSoSo					
Hurn	862	80708	14737	01200	873//	00814	86706	88709		862	80411	20227	01251	853//	52308	84706	88610		862	03019	000		roSoRSSoSo	SoSofS					
Thorney Island	871	80610	15717	01851	852//	51809	82703	85709	88618	871	80512	50027	01751	857//	52309	88650			871	01016	000		roSoSoSo	SoSo					
Manston	797	81011	30717	03351	854//	52801	85710	88620		797	81013	44367	02700	854//	52307	88616			797	92007			SoSo	SoSo					
Gatwick	776	90705	08737	02151	9////	52807	89///			776	80506	22717	02351	854//	53307	82615	88618		776	02017	000		SoSoSf	SoSo					
Kew	775	80412	40687	01901	873//	00812	85706	88710		775	80509	15737	02401	872//	50306	88705			775	06027	000		roSoRoSoSoSo	SSSoSo					
Heathrow	772	80415	50687	02502	873//	01806	82707	86709	88713	772	80412	18737	02201	772//	00204	83705	87708	88514	772	06027	000		roSoRoRSSoSo	SoSoSSSoSo					
Honington	586	80814	48696	04502	872//	01000	82704	86706	88712	586	80608	32687	04201	872//	00303	88703			586	06036			doRdr-rSSoSo	roSoRoSoRSSoSo					
Wattisham	590	80813	26717	04101	872//	00801	86704	88709		590	80711	22717	03601	872//	00205	88705			590	04026	000		roSoSoSo	ISSoSoSS					
Gorleston	497	80923	56616	04903	874//	01400	88715			497	80624	58636	03904	874//	01301	88715			497	03042	000		roRo	roRorR					
Aberporth	502	33618	74011	06204	28530	52809	81820			502	33620	66011	05204	32500	51501	83820			502	00051	007	+		+					
Ross-on-Wye	627	80113	57026	04303	864//	01609	88715			627	80315	48606	03503	864//	01301	88712			627	95035	000		ro	roRoroSo					
Filton	628	80314	58607	03003	853//	00808	81707	86710	88620	628	80513	50687	02902	853//	50308	82708	85714	88622	628	02031	000		irodoRodoRo	doRoroSoRoSo					
Rhoose	715	80319	63607	02803	1542/	00815	81615	88459		715	80620	30697	02701	2732/	00110	82706	88550		715	05031	000		iroRoroRoSo	roSoRSSroSo					
Chivenor	707	80419	64687	03104	5842/	01814	82711	83820	88458	707	80515	61617	02503	854//	01306	86710	88625		707	04051	000		rrdoSoRoSo	roRor					
Mount Batten	827	80511	48617	01902	854//	02810	85710	88618		827	80523	58686	00202	854//	00305	84710	88636		827	06037	000		roSoRoSoRro	roRoroSoSoSo					
St. Mawgan	817	80418	58607	03203	5542/	01711	82710	84614	88458	817	80523	50687	01402	5742/	00500	85712	88557		817	01031	000		roRoroSoRoSo	roSoRoSoSoSo					
Scilly	804	80618	48636	02904	854//	03715	88610			804	80723	48636	00904	854//	03500	85611	88622		804	08052	000		roRorR	roRorR					
Culdrose	809	80317	62607	02702	855//	01814	88625			809	80324	56616	00102	853//	01804	83706	88625		809	92//2	000		SoSo1ro	iroRoro					
Guernsey	894	80712	40227	99201	852//	00808	83705	85708	87618	894	80816	30207	97200	853//	52503	84708	84612	88620	894	03012	000		SoRoSo	ShoPSo1So					
Elmdon	534	70419	58686	05303	753//	01811	84709	87640		534	80517	60027	05403	854//	50305	86712	88618		534	97031	000		rgroSo1ro	iroRoro1iro					
Cardington	559	80514	48697	04202	852//	02804	86705	86707	88615	559	80413	32687	03901	873//	01303	86707	88711		559	06031	000		rrsRSroSoRo	roRoroSors					
Wittering	462	80521	66022	05304	854//	51807	84615	88635		462	80522	62216	05003	855//	01203	88620			462	92041	000		iro1do	idoiro					
Watnall	354	80420	48808	07303	884//	01806	82712	83818	88630	354	80523	61218	06803	854//	01204	81710	88650		354	93035	000		proRo	doRo-sho-ro					
Shawbury	414	80314	61686	07604	854//	00806	84618	88628		414	40415	61047	07003	45500	50302	81620	84650		414	97041	000		roSoRo1ro	iroRoroSoProSo					
Finnigley	360	80412	60028	08404	885//	02807	81820	88635		360	70511	61018	08203	755//	01501	82620	87650		360	01041	000		proRroRo	rrroRoproRs					
Kilnsea	396	80828	59258	08704	4357/	02000	84920	88460		396	80832	66038	08105	4847/	02501	81819	84633	88460	396	92052	000		phrpro	prophrpro					
Leeming	257	50411	58216	11204	45530	02804	82620	84640		257	70517	56838	10504	725//	00803	87820			257	03051	010		iropro	prrroRoproSo					
Tynemouth	262	70630	61258	13105	735//	03602	84920	87635		262	30527	74018	12305	33500	00603	83925			262	02052	000		phr	phr					
Carlisle	222	30516	66016	13704	28430	00803	81713			222	70515	66031	13203	785//	50301	82820	87656		222	00041	020	+		+					
Valley	302	70319	66808	09905	784//	02804	82810	84820	86635	302	40426	74018	08505	48500	51301	82820	84625		302	03051	002		pro	prophr					
Ringway	334	70320	60022	08704	784//	51606	84812	86630		334	40517	58016	08203	48400	52301	82816	83640		334	91041	001		ro	doProRoSo					
Squires Gate	318	70210	58606	10504	754//	02805	81712	86617	87645	318	70316	61806	09903	785//	01304	85821	87645		318	97051	004		roRo	pro					
Ronaldsway	204	40322	80016	12104	48500	01808	81820	84650		204	40317	75011	11604	48500	00304	81822	84650		204	97051	003		ro	+					
Mull of Galloway	131	60223	82012	14104	656//	52000	86640			131	20235	82010	12703	21500	51400	82825			131	00051									
Eskdalemuir	162	20312	80017	14902	25640	53801	82645			162	30314	62261	13801	39400	52803	81713	83918		162	92031	040		iso	pspsSo					
Prestwick	135	70610	67258	16603	7																								

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



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

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone to the southwest of Iceland remains almost stationary though it is expected to decline slowly and start moving slowly southeast. The complex low pressure area over western Europe also persists. The airstream over the

British Isles will become more northerly following the passage southwards of the cold front over the North Sea. Later today a depression forming in the trough over east Greenland is likely to move southeast towards northern Scotland.

Issued at midday Wednesday 30 December 1970

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

OBSERVATIONS at 00h.										OBSERVATIONS at 06h.										OBSERVATIONS during NIGHT				
30 December 1970										30 December 1970														
Station	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	Nddff	VVwww	PPPTT	N _h Ch _h Ch _h	T _d app	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	8N ₅ Ch ₅ h ₅	iii	RRT	T _g T _g	WEATHER		
																						21h.—03h.	03h.—09h.	
Boscombe Down	746	80513	20737	03300	873//	50001	84706	88708		746	80413	59717	04001	853//	01205	83708	86710	88618	746	02517	51	soSoS	ss1s0	
Hurn	862	80210	30057	02550	853//	52005	83706	88612		862	80212	60687	03001	853//	00102	82707	84710	88615	862	02516	52	+	soRoSo	
Thorney Island	871	80211	37702	02400	874//	52801	88712			871	80111	48685	02601	873//	01500	84707	88710		871	01515	52	soSoSoSo	roSoSroSo	
Manston	797	80714	50222	02301	854//	53704	88614			797	80517	48682	01203	852//	51504	83705	88610		797	02006	51	isoreSo	roSoSphoPro	
Gatwick	776	80504	32717	02650	873//	52801	85707	88709		776	80112	45617	02402	873//	01202	82707	86708	88712	776	01516	51	soSoRoSoRo	soRoSoRo	
Kew	775									775	70312	62217	03102	754//	00101	81712	87633		775	95015	00	so	roSoRo	
Heathrow	772	80312	57717	03001	853//	01801	86709	88614		772	80315	65237	03302	854//	01203	83714	88635		772	01015	51	soSoRoSo	roSo	
Honington	586	80511	48687	04501	872//	00602	81704	86706	88713	586	80310	66267	04002	884//	51501	81815	88641		586	03015	51	soSoRoSorshoR	roSo-roProSo	
Wattisham	590	80410	13717	03900	870//	00704	88701			590	50216	70027	03301	55700	51500	85650			590	03006	50	ssSoSoRoSo	roSoPSopS	
Gorleston	497	80523	59216	04104	874//	01605	88715			497	80328	60258	02204	884//	52710	85815	88618		497	03022	01	rrprphor	irphorpro	
Aberporth	502	83620	61031	07203	854//	00202	84714	88619		502	83516	69011	08704	855//	52306	83620	88631		502	97031	01	+	iroSo	
Ross-on-Wye	627									627	72611	70022	06102	764//	51105	87715			627	02011	00	roSorr	pro	
Filton	628	80408	40687	04301	853//	50005	83709	88619		628	60313	62017	05301	66400	50105	84712	83650		628	02001	50	roSoRoSo	ro	
Rhoose	715	80412	62687	04302	854//	01005	86711	88618		715	70315	68017	05702	35501	51108	81620	83650	87075	715	01001	00	roSoSoRoSoiro	iro	
Chivenor	707	80611	58616	04202	853//	01108	81708	88620		707	70515	59616	05804	755//	51211	87625			707	02021	01	roRor	roRoPSo	
Mount Batten	827	60617	48717	01901	65300	51306	84707	86650		827	80315	56617	04103	853//	01210	82707	83621	88650	827	96001	50	soSo	soRoRo	
St. Mawgan	817	80418	61037	03201	3547//	51211	81711	83616	88459	817	80420	58687	05302	855//	00210	83625	88645		817	93013	50	soSo	soSoiro	
Scilly	804	80623	66026	01905	854//	00208	88618			804	80722	66022	04305	855//	01212	88628			804	92031	01	ir	ir	
Culdrose	809	80519	64026	01201	853//	51206	82708	88625		809	80316	62602	04302	853//	01219	84707	88628		809	91015	53	iro	iro	
Guernsey	894	80913	26027	99102	854//	51307	83711	85617	88625	894	80414	30238	00003	883//	51004	83708	88624		894	01002	50	iso	psoroSoRoRo	
Elmdon	534	80417	60686	06602	853//	00301	85707	88650		534	70313	63037	07002	754//	51304	82711	83622	87650	534	95011	51	roSors	isopSo	
Cardington	559	80512	56687	04701	852//	01801	84705	86709	88612	559	70314	74027	04802	755//	00102	83626	87648		559	03001	00	roSorsroSo	iroSproSoPSo	
Wittering	462	80218	61216	05903	856//	00101	88634			462	70215	56878	05802	783//	00500	81707	85810	86634	462	94011	51	irpro	psphoPSoRo	
Watnall	354	30313	69238	07801	35600	01804	83630			354	70414	66268	07601	784//	00302	81816	87629		354	01015	51	roSoRoSoPSo	proproSoSoSo	
Shawbury	414	60213	62017	08502	655//	00002	83624	85645		414	83612	61231	08902	855//	01305	84622	88628		414	92001	52	roSoRoSo	roSoPSo	
Finningley	360	10112	80018	08701	15700	51805	81656			360	70210	82258	08302	756//	01302	87648			360	95011	50	prpro	proproSoPSo	
Kilnsea	396	20522	61018	08604	15570	51802	81620			396	80536	63278	07204	4357//	00505	84920	88360		396	92022		prirair	phrpsprphrs	
Leeming	257	80412	62268	10803	885//	01805	82820	88650		257	80316	74028	10203	855//	52301	82628	88650		257	02011	51	proproSo	proSoPho	
Tynemouth	262	80529	74258	12405	835//	02400	84920	87630		262	40232	74028	11204	43500	52604	84925			262	01012	50	prphr	phprs	
Carlisle	222	50310	66252	13503	58500	00801	81820	84648		222	70310	69011	13402	755//	51301	82625	86640		222	97011	51	pro	ps	
Valley	302	60319	80028	10804	684//	00104	83818	86624		302	70119	74278	11105	783//	00307	81706	83818	87634	302	01021	00	pro	phoroProPSoro	
Ringway	334	20108	62038	09402	25600	51802	82640			334	30108	70237	09302	35400	51306	81711	83620		334	01011	51	roSo	roSoSoPro	
Squires Gate	318	50311	75028	11003	55700	00000	85650			318	10214	75028	10603	18400	51005	81818			318	97021	51	pro	pro	
Ronaldsway	204	60317	80031	13204	685//	01106	85821			204	60114	80038	13604	685//	51106	83821	85632		204	97021	51	+	pro	
Mull of Galloway	131	10227	84011	14103	15500	52104	81625			131	13625	84010	13803	15600	00400	81635			131	00021				
Eskdalemuir	162	60315	59038	14002	685//	52003	81820	86650		162	80220	40858	13700	893//	53501	82706	86917	88650	162	02519	51	ps	psps	
Prestwick	135	60514	68031	16304	684//	51205	81818	86647		135	70308	80021	16102	785//	52302	81828	87650		135	00503	56	+	+	
Abbotsinch	140	83610	80038	17504	885//	52207	81825	83650	88657	140	80312	75858	16802	885//	53500	83825	88645		140	97003	53	+	proSoPSo	
Leuchars	171	70110	75028	16703	785//	01202	82820																	

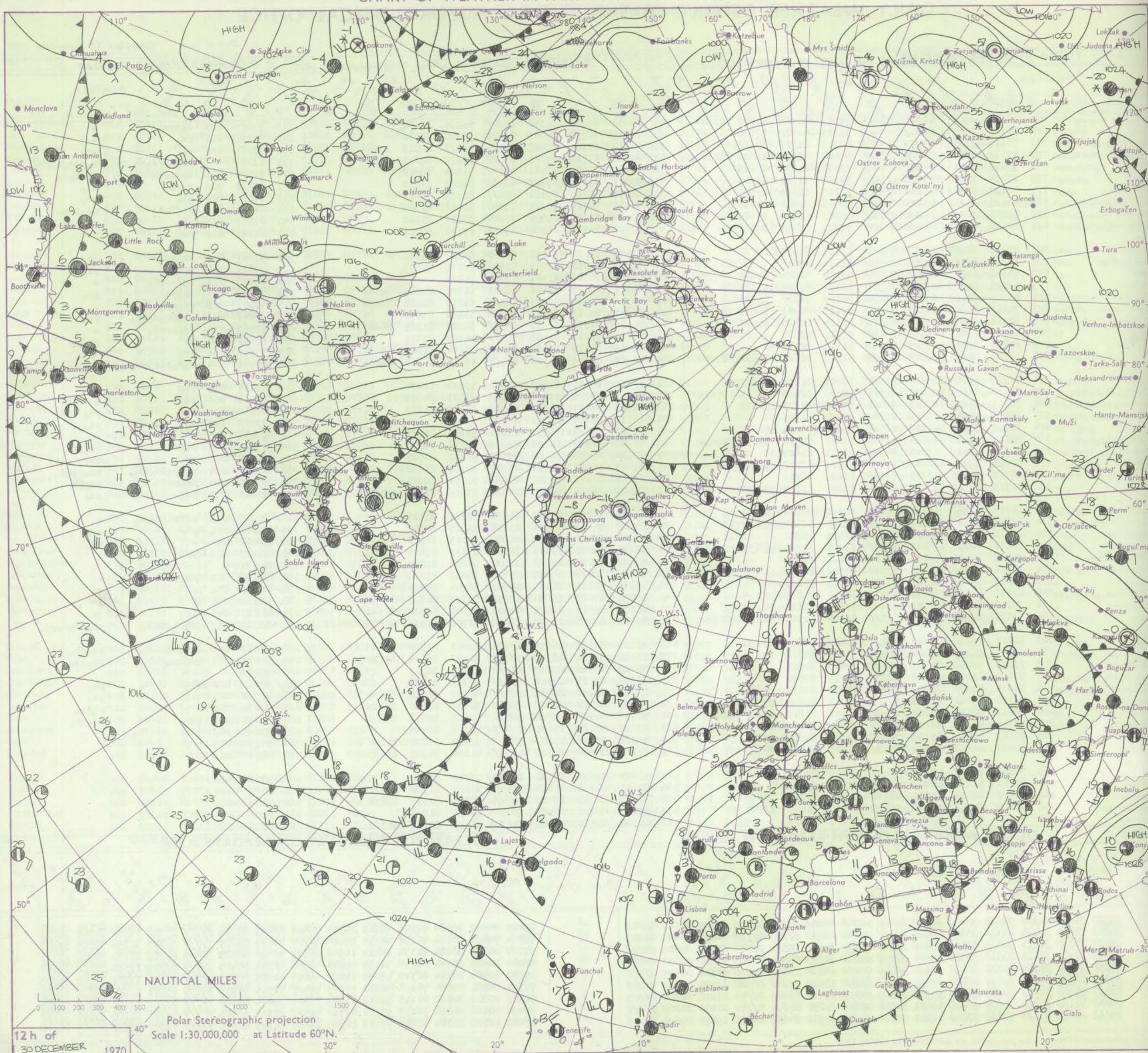
DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

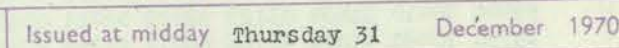
Date of Issue Thursday 31 December 1970

No. 39851

No. 39851		OBSERVATIONS at 12h.										OBSERVATIONS at 18h.										OBSERVATIONS during DAY									
Code FM II.D		30 December 1970										30 December 1970										30 December 1970									
Station		ill	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	ill	Nddff	VVwwW	PPPTT	N _h Ch _h Ch _h	T _d T _d app	8N _h Ch _h h _s	8N _h Ch _h h _s	8N _h Ch _h h _s	ill	RRTT _h E	SS _h	WEATHER								
																								09h.—15h.	15h.—21h.						
Boscombe Down		746	70319	69857	06701	783//	51009	81706	83817	87640	746	10212	66028	10350	15600	55320	81630				746	93017	003	s _o sps _o	+						
Hurn		862	70114	75037	06002	784//	51215	82712	87650		862	20115	78018	09201	25600	52220	82630				862	97035	004	ps _o	+						
Thorney Island		871	70116	70217	05103	7543//	50010	81715	87647		871	70117	69261	08502	784//	52223	82816	87624			871	97035	010	ro	ps _o						
Manston		797	70322	62277	02403	783//	50004	81708	83814	87640	797	80421	37718	07301	855//	51232	82623	88635			797	03036		pro _o s _o ps _o ph _o ps _o	ps _o ps _o s _o ph _o s						
Gatwick		776	70213	62716	04902	785//	52213	81822	87645		776	80312	50718	08401	854//	51329	88612				776	91036	004	s _o s _o ps _o	ps _o s _o s _o						
Kew		775	70114	70017	05103	754//	54104	81712	87645		775	40311	62268	09202	48530	53227	83820				775	97034	006	ro _o s _o	ps _o						
Heathrow		772	70120	70028	05503	785//	51107	81820	87645		772	60211	68268	09101	656//	52325	86645				772	97035	006	ps _o	ps _o						
Honington		586	40117	61158	05103	48600	52002	81830	84656		586	10111	74018	09251	15600	55222	81630				586	94036		ps _o f _o ps _o	ps _o f _o ps _o						
Wattisham		590	70218	60268	04801	785//	52103	82826	87640		590	30414	58368	09050	35600	53231	83640				590	01027	014	ps _o	ps _o ps _o ps _o						
Gorleston		497	60130	60268	04104	68400	51205	83815	86620		497	60222	60268	08004	63400	57220	86915				497	02041	009	prs	prs						
Aberporth		502	23419	64157	11903	29430	53211	81915			502	33418	82010	14102	38400	54217	83818				502	97041	037	ro _o s _o	jp						
Ross-on-Wye		627	80216	66028	09703	864//	53112	88715			627	53607	48058	12401	55500	52216	85625				627	97031	004	+	ps _o						
Filton		628	70218	61702	08702	784//	53214	82818	87635		628	00214	80017	11401	00900	55222					628	97033	013	ro _o s _o -1s _o	+						
Rhoose		715	30218	70268	09303	38530	52112	81825	83656		715	40111	65038	12401	48500	51225	81825	84640			715	97043	015	pro _o ps _o	ps _o						
Chivenor		707	70219	70158	09604	58631	50112	84830	83650		707	70314	66028	12603	785//	53219	84828	86650			707	97051	017	ps _o pro _o s _o ps	+						
Mount Batten		827	70213	56808	08103	783//	02116	81709	85815	86645	827	10208	61018	11602	15600	53226	81640				827	91041	032	pro _o pro _o s _o ps _o	ps _o						
St. Mawgan		817	60518	74268	09404	5853//	51114	82820	85645		817	70514	74038	12502	6856//	54222	81825	86645			817	97053	032	ps _o pro _o s _o	+						
Scilly		804	40722	81016	09105	48500	01221	83820			804	70616	81028	12405	724//	54227	87815				804	01061	030	pr	pro _o s _o						
Culdrose		809	30420	82036	07904	39440	01112	82916			809	50515	74031	11801	594//	52224	81916	83630			809	97045	051	pro	+						
Guernsey		894	70323	80267	03304	784/2	51210	86816	86630	87075	894	70317	80028	06903	784//	53223	83818	86630			894	04041	000	ro _o ro _o s _o pro _o s _o	ps _o						
Elmdon		534	70315	61267	09602	784//	55009	81818	87645		534	13611	58041	12600	15600	55220	81635				534	97033	015	ps _o	+						
Cardington		559	70216	61858	07002	784//	52108	82812	84625	87635	559	40213	78038	10601	45600	55323	84635				559	97033	006	ps _o	+						
Wittering		462	50319	80278	07803	58400	54007	81815	85635		462	13612	74021	11301	15600	54222	81635				462	91033	026	ph _o	ps _o						
Watnail		354	20418	64018	09803	28500	52304	81820			354	03512	59020	13050	00900	53220					354	91035	030	s _o s _o	ps _o						
Shawbury		414	73515	59858	11802	785//	51108	85824	86645		414	13508	50048	13951	15600	53215	81635				414	97033	016	ps _o	+						
Finningley		360	40213	82268	10004	43500	52002	83820	84640	81920	360	43508	32858	13101	49400	51216	84915				360	93046	045	ps _o	ps _o ps						
Kilnsea		396	30633	66018	09304	34500	56213	83620			396	40528	66278	11204	49500	52212	84925				396	91052	043	prs	phr						
Leeming		257	60216	56268	12602	694//	51107	83712	84928		257	23309	56268	14151	28500	52208	81822				257	93037	024	ps _o ps _o ph _o ps _o	ps _o ps _o ps _o						
Tynemouth		262	60722	61028	13203	635//	01105	86925			262	63418	58848	13902	635//	50102	86925				262	03035	020	prprs	prsp _h						
Carlisle		222	30313	70268	15402	38400	51006	81715	83635		222	30103	66028	16400	38500	53106	81820	83635			222	91025	027	ps _o	ps _o						
Valley		302	60218	74268	14202	684//	00112	83814	85635		302	30212	74028	15802	39400	52213	81915				302	01051	025	prsp _h ro _o ps _o	+						
Ringway		334	60116	58268	12002	684//	53310	82817	85630		334	23506	56268	14300	25600	51217	82640				334	97033	031	ps _o	ps _o						
Squires Gate		318	20111	70028	13802	28540	52109	81822			318	10502	56041	15551	11500	52311	81820				318	97035	044	+	ps _o						
Ronaldsway		204	70114	82031	16203	785//	51108	85825	83635		204	13407	75021	17401	12500	53211	81825				204	00033	026	jp	+						
Mull of Galloway		131	20128	82010	16402	28500	54111	81825			131	13621	82020	17202	12500	54206	81825				131	00031									
Eskdalemuir		162	30116	66268	16051	39500	54006	82920			162	13412	78018	16852	15600	56003	81630				162	94006	023	ps _o ps	+						
Prestwick		135	10209	74021	18101	18500	53103	81828			135	10205	70020	18451	18500	56204	81825				135	00023	052	+	+						
Abbotsinch		140	13510																												

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





The low complex over Europe and Scandinavia persists. The associated depression over Biscay has transferred to the western Mediterranean during the past 24 hours, backing the cold unstable north easterlies over the British Isles to northerly, in which minor troughs of low pressure have moved south across the North Sea. A shallow depression near Jan Mayen is expected to move quickly south to be centred

over the central North Sea by tomorrow morning. The anticyclone to the southwest of Iceland with a ridge to Azores is declining and moving southeast. It is expected to be centred about 400 miles west of Northern Ireland by tomorrow morning with the ridge swinging east into Biscay.

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

Code FM II.D		OBSERVATIONS at 00h.										31 December 1970										OBSERVATIONS at 06h.										31 December 1970										OBSERVATIONS during NIGHT									
Station	iii	Nddff	VVwww	PPPTT	N _h L _h C _h M _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _h M _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	Nddff	VVwww	PPPTT	N _h L _h C _h M _h	T _d T _d app	8N _s Ch _s h _s	8N _s Ch _s h _s	8N _s Ch _s h _s	iii	RRT _n T _n E	T _g T _g	WEATHER																				
																															21h.—03h.	03h.—09h.																			
Boscombe Down	746	03510	61020	14654	00900	55111				746	03106	50050	15555	00900	56500				746	00557	61	+									+																				
Hurn	862	00106	75010	13852	00900	54214				862	02903	70020	14954	00900	55500				862	00555	59	+									+																				
Thorney Island	871	23603	66038	13551	00901	54115	82072			871	03308	61020	14452	00900	54502				871	00535	57	+									+																				
Manston	797	13614	80028	10901	15600	52212	81630			797	73414	62021	11700	762//	51302	83704	87706		797	97506	51	ps _o									+																				
Gatwick	776	03405	66027	12651	00900	55110				776	83409	50051	13451	863//	53703	88708			776	00536	59	+									+																				
Kew	775									775	83305	58051	13750	863//	53400	88707			775	00523	54	+									+																				
Heathrow	772	03407	62021	12951	00900	54110				772	62907	50021	13751	66400	53000	86711			772	00523	55	+									+																				
Honington	586	73111	58261	11850	752//	51307	85705	86643		586	83213	50028	12451	862//	51301	88703			586	91536	57	ps _o									ps _o																				
Wattisham	590	13312	65028	11752	15500	53207	81620			590	83315	35021	11951	860//	51501	88701			590	97537	56	+									ps _o																				
Gorleston	497	03107	60021	09601	00900	52104				497	02909	60018	10000	00900	52706				497	01516	53	+									ps _o ps																				
Aberporth	502	03510	74020	17101	00900	52109				502	13314	74010	17302	15500	55801	81625			502	00003	56	+									+																				
Ross-on-Wye	627									627	10000	70020	16252	15600	54400	81630			627	00533	58	+									+																				
Filton	628	03404	62020	15451	00900	53214				628	03202	69020	16152	00900	55500				628	00533	56	+									+																				
Rhoose	715	03407	66020	16151	00900	54213				715	02502	80010	16752	00900	55101				715	00533	56	+									+																				
Chivenor	707	00307	66021	16201	00900	52212				707	00106	74020	17150	00900	52500				707	00533	57	+									+																				
Mount Batten	827	00209	66020	15600	00900	53215				827	00102	69020	16852	00900	54202				827	00533	57	+									+																				
St. Mawgan	817	00707	74021	16751	00900	54218				817	00807	74020	17652	00900	53301				817	00543	59	+									+																				
Scilly	804	40514	81021	16004	45500	54215	84625			804	10905	82020	17503	15500	52400	81625			804	00031	54	+									+																				
Culdrose	809	00311	78021	15951	00900	54118				809	00402	80020	17352	00900	54303				809	00533	62	+									+																				
Guernsey	894	80713	56717	12600	855//	50227	88625			894	20108	74018	15001	22500	52207	82822			894	04006	51	r _o s _o r _o s _o ps _o								ps _o																					
Elmdon	534	03307	40040	15352	00900	54109				534	53210	57041	15752	55600	53101	85645			534	00533	55	+									+																				
Cardington	559	03307	58050	13251	00900	52105				559	83207	59051	13750	864//	51502	88711			559	00523	54	+									+																				
Wittering	462	63212	59038	13451	673//	53005	86706			462	33313	66018	13750	38400	53500	81810	83635		462	97515	53	ps _o									ps _o																				
Watnall	354	03408	48048	14751	00900	52104				354	13412	62020	14751	15700	52501	81656			354	00515	54	+									+																				
Shawbury	414	03210	44040	16052	00900	53107				414	03209	74020	16551	00900	54302				414	00533	57	+									+																				
Finningley	360	03313	74268	14200	00900	51103				360	03414	82018	14400	00900	53500				360	91516	53	ps _o									+																				
Kilnsea	396	43513	66278	12500	495//	50400	84925			396	50218	59268	12702	53500	52000	83920			396	05517		ps									ps _o ps _o ps _o																				
Leeming	257	83512	56858	15200	885//	52102	84820	88635		257	13210	62028	15451	15600	55302	81632			257	96517	54	ps _o ps									+																				
Tynemouth	262	83212	61268	14800	835//	00205	88920			262	42920	61028	14850	43600	51400	84930			262	07517	51	pr _o ssps									ps																				
Carlisle	222	22804	66030	17352	25700	54203	82650			222	10000	62020	17753	15700	54400	81650			222	00545	59	+									+																				
Valley	302	60110	74011	17502	685//	52106	82820	86626		302	63410	82018	17702	685//	54302	82820	86632		302	97511	55	+									ph _o																				
Ringway	334	13307	40040	15851	15600	53103	81635			334	10000	57030	16353	15600	55301	81630			334	00533	56	+									+																				
Squires Gate	318	13408	75028	16800	18501	53204	81820			318	00802	80020	17052	00900	55203				318	00533	58	+									+																				
Ronaldsway	204	03507	75020	18451	00900	53203				204	53604	80031	18251	35601	55000	81635	83650	85070	204	00533	56	+									+																				
Mull of Galloway	131	03515	84010	18401	00900	53302				131	13615	84020	18551	12500	54201	81825			131	00513											+																				
Eskdalemuir	162	00000	80010	17653	00900	57204				162	02505	80020	17453	00900	56802				162	00546	60	+									+																				
Prestwick><																																																			