THE DAILY WEATHER REPORT

(INTRODUCTION)

1st October tto 31st December, 1970

Stations publisblished in the Daily Weather Report

METEOROLOGICAL OFFICE
Bracknell, Berkshire

1. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code (FM 21D) were introduced on 1st January, 1968.

2. FORM OF PRESENTATION

(i) **Observations.**—Pages 1 and 4 of the Daily Weather Report contain reports for the four main hours of observation from a representative number of stations in Great Britain and Ireland which provide full reports together with a selection of reports from ocean weather stations for the same hours. In addition, Beaufort letters (Table 20), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Incorporated in this chart is a line joining the approximate locations of civil twilight (i.e., Sun 6° below horizon) at 1200 h for the mid point of the month indicated. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h and 0600 h on the day of issue.

2. FORM OF PRESENTATION (continued)

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

3. NOTES

(i) **Standard of Time.**—Greenwich Mean Time is exclusively used throughout the Report.

(ii) **Temperature.**—On pages 1 and 4 temperature is specified in whole degrees Celsius, negative temperatures being coded by removing the minus sign and adding 50. Equivalent values in degrees Fahrenheit can be obtained by reference to the table printed between these pages. See also note under PPP TT in para. 4 below.

(iii) **Adjusted Readings.**—Where an instrumental reading is found to be in error and some adjustment is necessary, the adjusted reading is published in brackets thus (59).

(iv) **Rainfall Readings in Eire.**—The rainfall totals for stations in Eire are for the periods
18h—06h, reported at 0900h.
06h—18h, reported at 2100h.

(v) Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Weather Map. An introduction to weather forecasting" (Fourth edition, Second impression 1959), which may be purchased from H.M. Stationery Office, 49 High Holborn, London, W.C.1, price 13s. 6d. post free.

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM 11 D—Land Stations						
N dd ff	VV ww W	PPP TT	N_h C_L h C_M C_H	T_d T_d a pp	$8N_s$ C h_sh_s	RRT_xT_xE sss RRT_nT_nE T_gT_g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius. *Note.*— In reports from ocean weather stations (FM 21D) only the tens and units figure of air temperature are reported. The tenths figure is reported by t_T.	N_h = Fraction of celestial dome covered by C_L (or C_M if no C_L). C_L = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C_M = Form of Medium Cloud (Table 7). C_H = Form of high cloud (Table 8).	T_dT_d = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp Barometric tendency (change of pressure in last three hours in tenths of millibars). Stations situated in tropical latitudes use the form T_dT_d 9 $p_{24}p_{24}$, where $p_{24}p_{24}$ gives the 24-hour pressure changes (Table 21).	8 = Indicator figure. N_s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h_sh_s = Height of base of cloud (Table 12).	RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h). T_xT_x = Maximum temperature in whole degrees Celsius (09h–21h). T_nT_n = Minimum temperature in whole degrees Celsius (21h–09h). T_gT_g = Minimum temperature on grass in whole degrees Celsius (21h–09h). sss = Duration of sunshine (in hours and tenths) E = State of ground (Table 13) (Code 0900) (at 21h and 09h).

CODE FM 21 D—Ships								
$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Followed by first four groups as in FM 11 D above.	D_s v_s a pp	O T_sT_s T_dT_d	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
99 = Indicator group. $L_aL_aL_a$ = Latitude in tenths of a degree.	Q_c = Quadrant of the globe (Table 17). $L_oL_oL_oL_o$ = Longitude in tenths of a degree.	YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i_w = Wind indicator (Table 18).		D_s = Direction of movement of ship (Table 14). v_s = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	O = Indicator figure. T_sT_s = Difference between air temperature and sea temperature in ½ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T_dT_d = Dew point temperature in whole degrees Celsius.	1 = Indicator figure. $T_wT_wT_w$ = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added. t_T = The tenths figure of the air temperature.	3 = Indicator figure. P_wP_w = Period of waves in seconds. H_wH_w = Height of the waves in units of 0·5 metre. This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3//00.	d_wd_w = Direction (in tens 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. This group is used to report swell when it is possible to make a clear distinction between swell and wind waves.

Table 1.—Code for Cloud Amount (N, N_h, N_s) (Code 2700)

0 = None.

1 = 1 eighth of sky covered or less, but not zero.

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

7 = 7 eighths of sky covered or more, but not 8 eighths.

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

Note.—"Trace" would be included under Figure 1, which should be used for amounts up to 1/8th (i.e., not up to 3/16ths). "Overcast but with openings" would be included under Figure 7, which should be used for amounts down to 7/8ths (i.e., not down to 13/16ths).

Table 2.—Degrees and Code Figures (dd) corresponding to compass directions (Code 0877)

Direction (Compass Points)	Exact equivalent in degrees	Code figures dd	Direction (Compass Points)	Exact equivalent in degrees	Code figures dd
Calm	—	00			
N'E.	11¼	01	S'W.	191¼	19
NNE.	22½	02	SSW.	202½	20
NE'N.	33¾	03	SW'S.	213¾	21
NE.	45	05	SW.	225	23
NE'E.	56¼	06	SW'W.	236¼	24
ENE.	67½	07	WSW.	247½	25
E'N.	78¾	08	W'S.	258¾	26
E.	90	09	W.	270	27
E'S	101¼	10	W'N.	281¼	28
ESE.	112½	11	WNW.	292½	29
SE'E.	123¾	12	NW'W.	303¾	30
SE.	135	14	NW.	315	32
SE'S.	146¼	15	NW'N.	326¼	33
SSE.	157½	16	NNW.	337½	34
S'E.	168¾	17	N'W.	348¾	35
S.	180	18	N.	360	36

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

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

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

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

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

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

0 = Cloud covering ½ or less of the sky throughout the appropriate period.
1 = Cloud covering more than ½ of the sky during part of the appropriate period and covering half or less during part of the period.
2 = Cloud covering more than ½ of the sky throughout the appropriate period.
3 = Sandstorm, duststorm or blowing snow.
4 = Fog, ice fog or thick haze (visibility less than 1000 m.).
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.
- 01 Clouds generally dissolving or becoming less developed.
- 02 State of sky on the whole unchanged.
- 03 Clouds generally forming or developing.

(01–03: Characteristic change of the state of the sky during the past hour.)

- 04 Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.
- 05 Haze
- 06 Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
- 07 Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.
- 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.
- 09 Duststorm or sandstorm within sight of the station or at the station during the preceding hour.
- 10 Mist.
- 11 Shallow fog or ice fog, in patches.
- 12 Shallow fog or ice fog, more or less continuous.

(11–12: Fog not deeper than about 2 metres on land or 10 metres at sea.)

- 13 Lightning visible, no thunder heard.
- 14 Precipitation within sight, not reaching the ground or the surface of the sea.
- 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.
- 16 Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.
- 17 Thunderstorm, but no precipitation at time of observation.
- 18 Squalls.
- 19 Funnel cloud(s)†

(18–19: at or within sight of the station during the preceding hour or at the time of observation.)

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.
- 21 Rain (not freezing).
- 22 Snow.
- 23 Rain and snow or ice pellets type (a).
- 24 Freezing drizzle or freezing rain.

(20–24: Not falling as shower(s).)

- 25 Shower(s) of rain.
- 26 Shower(s) of snow, or of rain and snow.
- 27 Shower(s) of hail*, or of hail and rain.
- 28 Fog or ice fog.
- 29 Thunderstorm (with or without precipitation).

30–39 Duststorms, Sandstorms, drifting or blowing snow.

- 30 Slight or moderate duststorm or sandstorm. has decreased during preceding hour.
- 31 Slight or moderate duststorm or sandstorm. no appreciable change during preceding hour.
- 32 Slight or moderate duststorm or sandstorm. has begun or has increased during preceding hour.
- 33 Severe duststorm or sandstorm. has decreased during preceding hour.
- 34 Severe duststorm or sandstorm. no appreciable change during preceding hour.
- 35 Severe duststorm or sandstorm. has begun or has increased during preceding hour.
- 36 Slight or moderate drifting snow.
- 37 Heavy drifting snow.

(36–37: generally low.)

- 38 Slight or moderate blowing snow.
- 39 Heavy blowing snow.

(38–39: generally high.)

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.
- 41 Fog or ice fog in patches.
- 42 Fog or ice fog, sky discernible.
- 43 Fog or ice fog, sky not discernible.

(42–43: has become thinner during the preceding hour.)

- 44 Fog or ice fog, sky discernible.
- 45 Fog or ice fog, sky not discernible.

(44–45: no appreciable change during the preceding hour.)

- 46 Fog or ice fog, sky discernible.
- 47 Fog or ice fog, sky not discernible.

(46–47: has begun, or has become thicker during the preceding hour.)

- 48 Fog, depositing rime, sky discernible.
- 49 Fog, depositing rime, sky not discernible.

50–59 Drizzle at time of observation.

- 50 Drizzle, not freezing, intermittent.
- 51 Drizzle, not freezing, continuous.

(50–51: slight at time of observation.)

- 52 *Drizzle, not freezing, intermittent.*
- 53 Drizzle, not freezing, continuous.

(52–53: moderate at time of observation.)

- 54 Drizzle, not freezing, intermittent.
- 55 Drizzle, not freezing, continuous.

(54–55: heavy (dense) at time of observation.)

- 56 Drizzle, freezing, slight.
- 57 Drizzle, freezing, moderate or heavy (dense).
- 58 Drizzle and rain, slight.
- 59 Drizzle and rain, moderate or heavy.

60–69 Rain at time of observation.

- 60 Rain, not freezing, intermittent.
- 61 Rain, not freezing, continuous.

(60–61: slight at time of observation.)

- 62 Rain, not freezing, intermittent.
- 63 Rain, not freezing, continuous.

(62–63: moderate at time of observation.)

- 64 Rain, not freezing, intermittent.
- 65 Rain, not freezing, continuous.

(64–65: heavy at time of observation.)

- 66 Rain, freezing, slight.
- 67 Rain, freezing, moderate or heavy.
- 68 Rain or drizzle, and snow, slight.
- 69 Rain or drizzle and snow, moderate or heavy.

70–79 Solid precipitation not in showers.

- 70 Intermittent fall of snow flakes.
- 71 Continuous fall of snow flakes.

(70–71: slight at time of observation.)

- 72 Intermittent fall of snow flakes.
- 73 Continuous fall of snow flakes.

(72–73: moderate at time of observation.)

- 74 Intermittent fall of snow flakes.
- 75 Continuous fall of snow flakes.

(74–75: heavy at time of observation.)

- 76 Ice prisms (with or without fog).
- 77 Snow grains (with or without fog).
- 78 Isolated starlike snow crystals (with or without fog).
- 79 Ice pellets type (a).

80–90 Showery precipitation

- 80 Rain shower(s), slight.
- 81 Rain shower(s), moderate or heavy.
- 82 Rain shower(s), violent.
- 83 Shower(s) of rain and snow, slight.
- 84 Shower(s) of rain and snow, moderate or heavy.
- 85 Snow shower(s), slight.
- 86 Snow shower(s), moderate or heavy.
- 87 Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. slight
- 88 Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. moderate or heavy.
- 89 Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. slight.
- 90 Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. moderate or heavy.

91–99 Precipitation with current or recent thunderstorm

- 91 Slight rain at time of observation.
- 92 Moderate or heavy rain at time of observation.
- 93 Slight snow, rain and snow mixed, or hail* at time of observation.
- 94 Moderate or heavy snow, rain and snow mixed or hail* at time of observation.
- 95 Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation.
- 96 Thunderstorm, slight or moderate, with hail* at time of observation.
- 97 Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation.
- 98 Thunderstorm combined with duststorm or sandstorm at time of observation.
- 99 Thunderstorm, heavy, with hail* at time of observation.

(91–94: thunderstorm during the preceding hour, but not at time of observation.)

(95–99: thunderstorm at time of observation.)

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 (C_L) (Code 0513)

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

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

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

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

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

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

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

Note 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 C_L reported, h refers to this cloud. If, however, there is no cloud of Form C_L and there is cloud of Form C_M h refers to this cloud.

Table 10.—Code for Characteristic of Barometric Tendency (a) (Code 0200)

0 = Increasing, then decreasing; atmospheric pressure the same as or higher than 3 hrs ago.

1 = Increasing, then steady; or increasing, then increasing more slowly.
2 = Increasing (steadily or unsteadily).
3 = Decreasing or steady, then increasing; or increasing, then increasing more rapidly.
(atmospheric pressure now higher than 3 hrs ago.)

4 = Steady, atmospheric pressure the same as 3 hrs ago.

5 = Decreasing, then increasing; atmospheric pressure the same as or lower than 3 hrs ago.

6 = Decreasing, then steady; or decreasing, then decreasing more slowly.
7 = Decreasing (steadily or unsteadily).
8 = Steady or increasing, then decreasing; or decreasing, then decreasing more rapidly.
(atmospheric pressure now lower than 3 hrs ago.)

Table 11.—Code for Type of Cloud (C) (Code 0500)

0 = Cirrus (Ci).
1 = Cirrocumulus (Cc).
2 = Cirrostratus (Cs).
3 = Altocumulus (Ac).
4 = Altostratus (As).
5 = Nimbostratus (Ns).
6 = Stratocumulus (Sc).
7 = Stratus (St).
8 = Cumulus (Cu).
9 = Cumulonimbus (Cb).
/ = Cloud not visible owing to darkness, fog, duststorm, sandstorm or other analogous phenomena.

Table 12.—Code for Height of Cloud (h_sh_s) (Code 1677)

Code figures 01–50: × 30 = height in metres. Code figures 56–80: − 50 × 3 = height in hundreds of metres.

CODE FIGURES 81–89

Code figures		Metres
81	=	10,500
82	=	12,000
83	=	13,500
84	=	15,000
85	=	16,500
86	=	18,000
87	=	19,500
88	=	21,000
89	=	>21,000

CODE FIGURES 90–99*

Code figures		Metres
90	=	<50
91	=	50–100
92	=	100–200
93	=	200–300
94	=	300–600
95	=	600–1,000
96	=	1,000–1,500
97	=	1,500–2,000
98	=	2,000–2,500
99	=	2,500 or more, or no clouds.

*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)

0 = Stationary.
1 = North-east.
2 = East.
3 = South-east.
4 = South.
5 = South-west.
6 = West.
7 = North-west.
8 = North.
9 = No definite direction or unknown.

Table 15.—Code for Speed of Ship (v_s) (Code 4451)

kt

0 = 0
1 = 1–5
2 = 6–10
3 = 11–15
4 = 16–20
5 = 21–25
6 = 26–30
7 = 31–35
8 = 36–40
9 = >40

Table 16.—Code for Period of Waves (P_w) (Code 3155)

sec

0 = 10
1 = 11
2 = 12
3 = 13
4 = 14 or more
5 = 5 or less
6 = 6
7 = 7
8 = 8
9 = 9

Table 17.—Quadrant of the globe (Q_c) (Code 3333)

	Latitude	Longitude
1	North	East
3	South	East
5	South	West
7	North	West

Table 18.—Wind Indicator (i_w) (Code 1855)

0 = wind speed estimated
1 = wind speed obtained by anemometer
(wind speed in metres per second)
3 = wind speed estimated
4 = wind speed obtained by anemometer
(wind speed in knots)

Table 19.—Code for Amount of Precipitation (RR) (Code 3577)

	mm
01–55	Amount to the nearest whole millimetre.
56	60
57–90	Add 10 mm for each unit above 56 e.g., 73 = 230 mm
91	0·1
92	0·2
93	0·3
94	0·4
95	0·5
96	0·6
97	Trace (There has been precipitation but amount less than 0·05 mm).
98	>400
99	Measurement impossible or inaccurate.

Table 20.—Explanation of Beaufort Letters (pages 1 and 4)

d = drizzle.
f = fog, visibility 200 metres, or more but less than 1 kilometre.
F = thick fog, visibility less than 200 metres.
h = hail, ice prisms or ice pellets types (a) and (b).
ks = storm of drifting snow.
l = lightning
p = shower(s).
r = rain.
s = snow
rs = rain and snow.
t = thunder.

Intensity is shown by capital letters ("heavy" or "thick") or suffix "o" ("slight"). Continuous precipitation is shown by repeating the letter and intermittent precipitation by the prefix "i". The prefix "j" indicates weather near but not at the station.

Table 21.—Change of pressure at station level in last 24 hours ($P_{24}P_{24}$)(Code 265)

00 No change
01 Pressure has risen 0·1 mb.
02 Pressure has risen 0·2 mb.
etc. etc.
48 Pressure has risen 4·8 mb.
49 Pressure has risen 4·9 mb.
50 Pressure has risen or fallen more than 4·9 mb.
51 Pressure has fallen 0·1 mb.
52 Pressure has fallen 0·2 mb.
etc. etc.
98 Pressure has fallen 4·8 mb.
99 Pressure has fallen 4·9 m.b

5. EXPLANATION OF CHARTS

BAROMETER. Isobars are drawn for intervals of four millibars.

WIND. Arrows fly with wind. A full length feather represents 10 Kt and a short feather 5 Kt. A solid pennant represents 50 Kt. Calm is indicated by circle outside weather symbol.

TEMPERATURE is given in degrees C., and is shown on the charts by means of figures alongside the Station circle.

CLOUD SYMBOLS

Clear sky. Sky 1/8 covered. Sky 2/8 covered. Sky 3/8 covered. Sky 4/8 covered. Sky 5/8 covered. Sky 6/8 covered. Sky 7/8 Covered Sky 8/8 covered. Sky obscured. Missing or doubtful data.

WEATHER SYMBOLS

Rain. Drizzle. Snow. Rain and snow. Hail. Shower. Thunderstorm. Fog. Mist.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced, in the following way—

Warm Front on the surface.
Cold Front on the surface.
Stationary Front.
Axis of trough.
Occluded Front.
Cold front frontogenesis.
Cold front frontolysis.
Warm front frontogenesis.
Warm front frontolysis.

Note.—The symbols are placed on the side of the line towards which the front is moving. Identification letters are inserted in systems.

ALTITUDES OF STATIONS:—The altitudes, in metres, of British and Irish stations are given below. These refer in each case to the datum level of the ground beneath or nearly beneath the thermometer screen. Where the official name of the station differs, this is given in brackets.

Boscombe Down	126	Chivenor	6	Tynemouth	29	Sule Skerry	13
Hurn (Bournemouth/Hurn Airport)	10	Mount Batten (Plymouth/Mount Batten)	27	Carlisle	26	Cape Wrath	112
Thorney Island	3	St. Mawgan	103	Valley	10	Stornoway	3
Manston	44	Scilly, St. Mary's	48	Ringway (Manchester Airport)	75	Benbecula	6
Gatwick (London/Gatwick Airport)	59	Culdrose	82	Squires Gate (Blackpool Airport)	10	Tiree	9
Kew	5	Guernsey Airport	104	Ronaldsway (Isle of Man/Ronaldsway Airport)	17	Aldergrove (Belfast/Aldergrove Airport)	69
Heathrow (London/Heathrow Airport)	25	Elmdon (Birmingham Airport)	99	Mull of Galloway	78	Malin Head	20
Honington	51	Cardington	28	Eskdalemuir	242	Belmullet	9
Wattisham	89	Wittering	65	Prestwick (Prestwick Airport)	16	Birr	70
Gorleston	4	Watnall	117	Abbotsinch (Glasgow Airport)	5	Dublin (Dublin Airport)	68
Aberporth	133	Shawbury	72	Leuchars	10	Shannon (Shannon Airport)	2
Ross-on-Wye	68	Finningley	10	Dyce (Aberdeen/Dyce)	58	Roches Point	40
Filton (Bristol/Filton)	59	Kilnsea	12	Lerwick	82	Valentia (Valentia Observatory)	9
Rhoose (Glamorgan/Rhoose Airport)	67	Leeming	32	Wick	36		

H M S O Press, Bracknell, Berks.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 179 — MONTHLY SUMMARY — For NOVEMBER 1970

WET AND GENERALLY UNSETTLED

A mobile westerly type dominated the British Isles from 1st-5th, with a sequence of deep depressions running quickly eastwards north of Scotland. On the 5th pressure rose over the country, linking anticyclones over Biscay and Greenland. On 6th a shallow, active depression transferred southeastwards from mid-Atlantic across Ireland into France, whilst on 8th and 9th a deepening depression ran rapidly southeastwards from Iceland to southern Scandinavia, establishing a strong northwesterly flow over the United Kingdom. From 10th-13th low pressure transferred from the Denmark Strait southeastwards to the north of Scotland. Development of a southeastward moving polar trough extended the low complex southwards across the country on 14th, with a centre forming over the Channel. The whole transferred slowly eastwards over the North Sea on 15th, followed by a ridge. A further frontal system crossed all parts on 16th as an intense depression southeast of Greenland moved to a position south of Iceland. With a strong westerly jetstream established south of 50°N a spell of disturbed cyclonic weather followed over the United Kingdom from 17th-21st. A succession of fast-moving deepening depressions swung northeastwards from the Atlantic maintaining a large low complex in the vicinity of the British Isles. Pressure recovered over the country on 22nd as a deep depression near the Azores moved eastwards towards Spain. Marked troughing northeastward established a southwesterly airstream over most parts. Between 23rd and 27th a major rise in pressure ovee mid-Atlantic transferred slowly eastwards south of Iceland towards the North Sea, temporarily raising pressure and slackening gradients though western areas remained under the peripheral influence of the low complex to the southwest. From 27th-30th this low transferred slowly northeastwards towards Scotland whilst a deepening depression off Portugal moved across southern England on 29th, transferring the low complex into the North Sea on 30th.

The month started with strong to gale force winds in the north, a gust to 104kts was reported from the Cairngorms. There were also showers in the north. On the 2nd during the night and early morning rain moved across the country, 1.94ins of rain was recorded at Ilfracombe. There were showers in northern areas on the 3rd and gales developed. Snaefell, Isle of Man reported a gust to 130kts. Rain moved across the country on the 4th, but the 5th was mostly dry. Rain over central and southern districts of England on the 6th continued until the 7th. There was frost in southeast England overnight 7/8 and during the 8th rain moved southeastwards across the British Isles. The 9th was showery with gales over northern England and Scotland. Most places had rain and drizzle on the 10th and 11th but during the 12th brighter, colder weather moved southeastwards with showers in the west and north, thundery with hail. Showers continued on the 13th and 14th again with hail and thunder, and 2.09ins of rain was measured at Hastings. During the night 13/14 frost was widespread in northern England and Scotland. minimum at Crathie was -10°C(14F). The 15th was mainly dry and overnight there was frost in many places. On the 16th an area of rain, preceded by snow in places in the north moved southeast across the British Isles. From the 17th to 21st the weather was unsettled with strong to gale force winds over southern areas. Hail and thunder occurred on the 21st mostly over souttern England. There was slight frost in places during the night 20/21, more widespread the night 21/22. Showers continued on the 22nd but more general rain reached the southwest late in the day and spread northwards on the 23rd. Rain continued over Scotland most of the 24th and 25th, England and Wales, apart from some thundery outbreaks in the southwest late on the 25th were dry. The temperature reached 17°C(63F) at Chivenor on the 25th, the highest in November since records began in 1950. Fog formed overnight 25/26 and 26/27 in central and eastern England and persisted for much of the day in a number of places. From the 28th to the 30th it was wet, with periods of rain or showers in most places. Temperatures were generally above average but were below in northeast England and eastern Scotland. It was sunnier than normal in eastern districts of England and Scotland, cloudier in the west. In a number of places there was more than twice the normal November rainfall values and amounts were the highest since records started at Rhoose, Cardington and Thorney Island.

	TEMPERATURE										SUNSHINE					Highest and lowest totals on record for month					RAINFALL					Highest and lowest totals on record for month							
PLACE	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	First year of record	Highest hrs.	Year	Lowest hrs.	Year	Days of no rainfall (0·1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or rain and snow	Days with fog (Vis. ≤ 200 metres at 09 h.)
Kew	11.7	+1.7	05.1	+1.1	16.7	02	-03.5	16	08	05	07	07.5	05	065	123	1880	097	1965	022	1897	13	33	14	157	249	1866	172	1940	07	1945	00	01	01
Thorney Island	12.1	+1.3	06.3	+1.1	15.7	02	-03.6	16	08	03	08	08.0	15	059	085	1958	103	1965	045	1962	09	37	13	205*	256	1941	171	1963	07	1945	03	00	00
Gorleston	10.6	+0.7	06.2	+0.6	16.2	02	-00.6	16	06	01	11	08.1	05	070	123	1908	106	1920	035	1945	08	40	14	129	185	1914	145	1940	17	1948	00	00	01
Cardington	11.0	+1.2	05.0	+1.7	16.4	02	-03.3	16	10	03	06	07.4	03	061	105	1954	077	1957	028	1968	09	20	01	110*	208	1953	092	1963	17	1956	00	00	01
Boscombe Down	11.4	+1.8	05.3	+1.3	15.6	02	-03.2	16	08	03	10	08.3	15	059	095	1932	085	1969	035	1935	08	36	06	188	232	1931	208	1951	10	1945	00	00	00
Ross-on-Wye	11.3	+1.6	06.0	+1.2	17.0	02	-01.8	16	07	01	11	08.2	15	061	111	1914	108	1923	025	1945	07	26	06	137	185	1859	227	1929	11	1945	02	00	00
Rhoose	11.4	+1.2	06.7	+1.4	15.0	02	00.0	16	04	00	10	07.8	15	050	083	1954	088	1960	041	1958	06	41	01	215*	222	1954	184	1963	32	1956	02	00	00
Mount Batten	12.3	+1.0	07.9	+1.3	14.7	(a)	-00.1	16	05	01	07	07.2	15	067	100	1921	122	1923	036	1944	08	29	22	181	159	1948	227	1963	37	1956	01	00	00
Elmdon	10.5	+1.4	05.1	+1.3	16.4	02	-01.9	16	09	03	12	06.9	15	056	112	1928	085	1969	017	1945	12	18	29	133	196	1933	161	1940	08	1945	01	00	01
Valley	10.9	+0.2	07.4	+0.7	14.5	25	03.1	14	03	00	12	06.4	21	052	088	1913	124	1925	030	1946	06	25	17	179	197	1946	187	1959	28	1955	01	00	00
Ringway	10.1	+0.9	05.6	+1.5	16.1	02	-00.6	15	05	01	08	07.6	15	050	116	1945	080	1969	024	1946	04	18	17	130	169	1929	171	1951	11	1945	01	01	00
Watnall	09.8	+1.0	04.9	+0.7	15.6	02	-01.2	16	10	04	15	06.1	15	042	082	1948	070	1952	034	1963	08	17	17	122	194	1946	145	1951	20	1956	00	01	01
Finningley	10.2	+0.9	05.1	+1.0	16.6	02	-02.2	16	05	03	13	06.8	15	057	116	1958	071	1965	034	1968	09	16	29	105	191	1958	126	1969	18	1958	00	01	00
Tynemouth	09.0	-0.2	05.2	-0.3	14.6	02	-00.4	16	10	01	14	08.0	09	063	129	1936	096	1947	019	1968	11	17	17	075	119	1864	170	1878	09	1894	00	00	00
Eskdalemuir	07.4	-0.2	02.4	+0.2	11.7	02	-05.8	16	15	08	12	07.7	15	052	104	1910	089	1925	020	1946	08	56	23	201	132	1910	297	1938	16	1945	01	06	00
Abbotsinch	09.0	+0.2	03.9	+0.5	14.3	24	-03.7	14	13	04	11	06.9	15	045	107	1921	088	1947	023	1941	03	26	23	150	143	1920	205	1938	08	1945	00	03	02
Leuchars	08.4	-0.5	02.8	-0.7	13.4	08	-02.6	16	16	07	11	07.9	05	076	119	1921	109	1947	033	1968	07	19	23	102	155	1921	194	1963	11	1942	01	03	01
Dyce	07.8	-0.5	02.8	-0.1	12.4	24	-02.8	14	16	11	11	07.1	05	061	103	1925	087	1929	023	1941	08	14	29	112	121	1946	215	1951	19	1958	00	01	00
Stornoway	08.1	-1.0	03.0	-1.8	11.5	02	-03.0	14	14	07	14	05.5	19	049	109	1880	073	1968	019	1881	01	28	07	143	124	1942	194	1947	24	1945	01	02	00
Aldergrove	09.4	+0.3	04.6	+0.5	13.4	02	-03.1	14	07	03	06	07.1	14	066	086	1927	077	1930	026	1962	03	12	27	091	100	1926	153	1951	15	1942	00	03	00

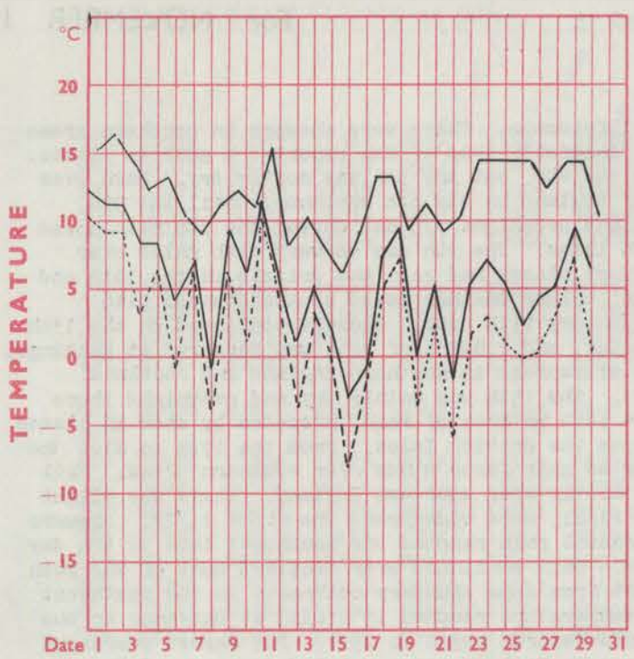
(a) 02, 25

* New highest

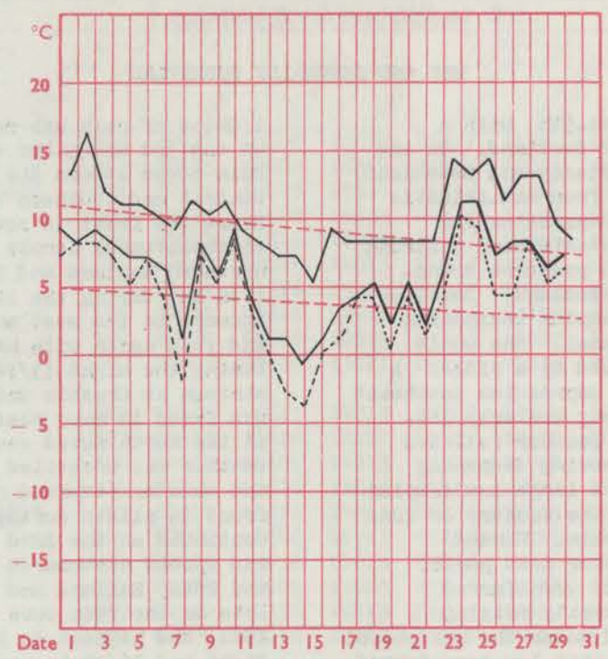
Corrections to MONTHLY SUMMARY No.178 October 1970
Delete reference to 78kts at Liverpool Airport

WATNALL: Mean minimum 07.2, difference from average + 0.9, days with fog 01
FINNINGLEY: Days of no sunshine 07, maximum sunshine date 06, days of no rainfall 21
DYCE: Days with snow or rain and snow 01

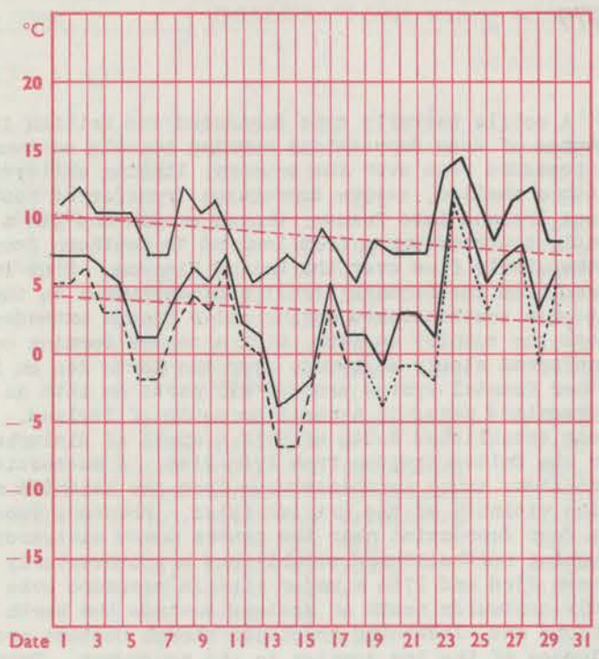
LONDON (Kew)



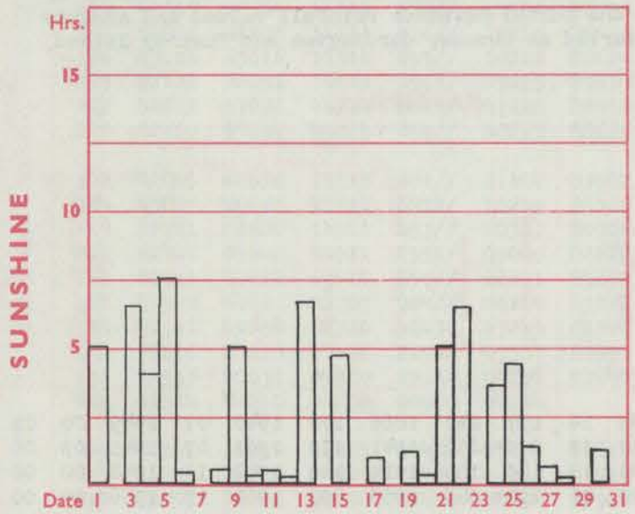
MANCHESTER (Ringway)



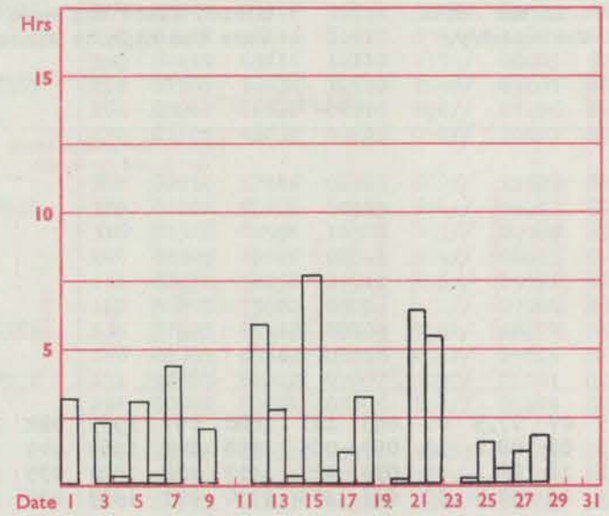
GLASGOW (Abbotsinch)



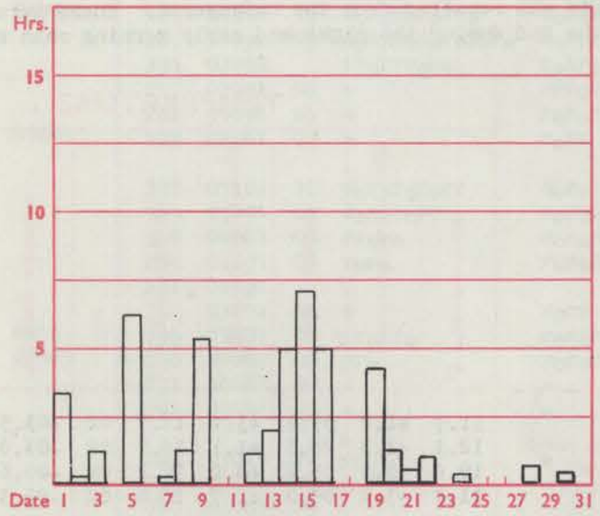
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1931–1960)



Total for month 65 30-year (1931–1960) average 53 hrs.

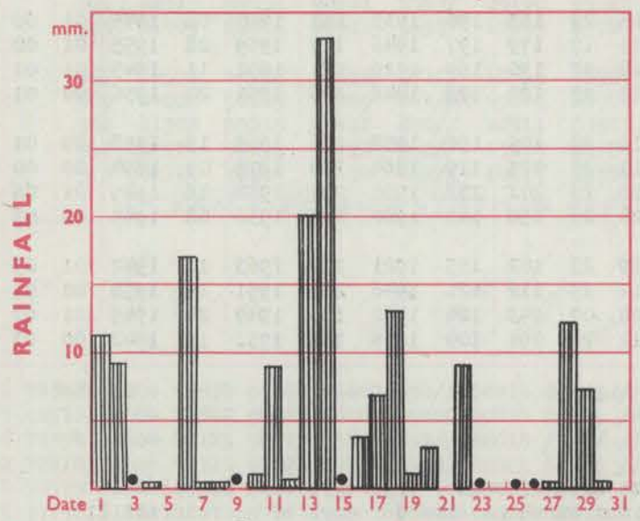


Total for month 50 30-year (1931–1960) average 43 hrs.

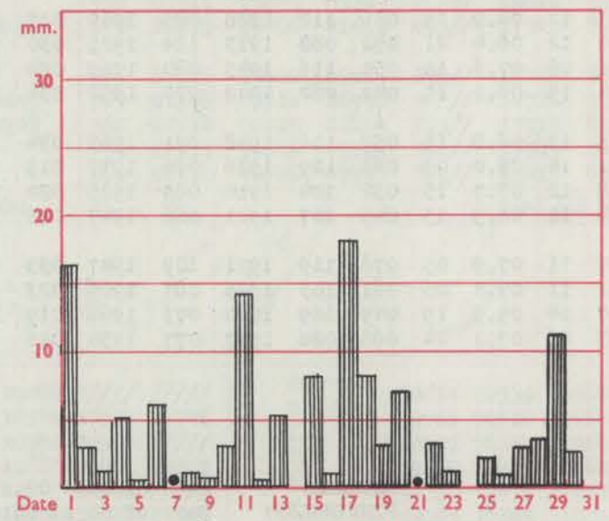


Total for month 45 30-year (1931–1960) average 42 hrs.

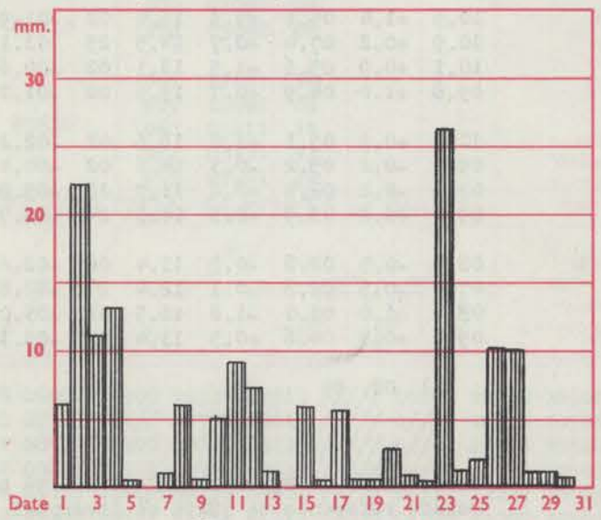
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 157 35-year (1916–1950) average 63 mm.



Total for month 130 35-year (1916–1950) average 77 mm.



Total for month 150 35-year (1916–1950) average 105 mm.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39791 — Date of Issue: Sunday 1 November 1970

OBSERVATIONS at 12h. — 31 October 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	82515	62026	14814	862//	13806	88705		
Hurn	862	82413	56106	16014	853//	13709	85707	88625	
Thorney Island	871	82419	58206	16814	853//	13709	87706	88620	
Manston	797	82320	62216	15914	854//	12807	84713	85620	88645
Gatwick	776	82318	59506	16113	873//	12707	88706		
Kew	775	82213	61206	14314	873//	13809	82706	88707	
Heathrow	772	82118	60506	14414	873//	13809	85708	88710	
Honington	586	82215	66036	12214	864//	12710	88711		
Wattisham	590	82418	59506	12813	873//	12812	88709		
Gorleston	497	82117	60026	12514	855//	11808	88625		
Aberporth	502	82321	40516	09715	873//	14805	85707	88710	
Ross-on-Wye	627	72114	77026	11116	755//	13705	87620		
Filton	628	82314	32506	13215	872//	14804	87704	88706	
Rhoose	715	82310	40516	13614	873//	14003	83706	88708	
Chivenor	707	82319	48516	14315	862//	14803	85704	88707	
Mount Batten	827	82321	19516	17213	871//	13201	88702		
St. Mawgan	817	82216	37206	16414	860//	14302	84700	88701	
Scilly	804	62216	56015	16314	46330	14001	84708	86358	
Culdrose	809	92419	01505	16513	9////	13804	89/00		
Guernsey	894	72219	63022	19713	754//	11806	81712	87635	
Elmdon	534	82213	60206	10115	853//	13814	85706	88614	
Cardington	559	82318	66036	12215	854//	13712	82710	88620	
Wittering	462	82219	66026	10315	853//	13818	86709	88612	
Wainall	354	82212	23206	09213	852//	13818	85705	88620	
Shawbury	414	72410	83015	08816	66442	14709	86712		
Finningley	360	81808	20106	08213	852//	13727	84704	88615	
Kilnsea	396	81915	48535	10010	871//	10820	88702		
Leeming	257	81712	19536	06509	871//	09735	88702		
Tynemouth	262	81817	32616	06810	8052/	08726	88525		
Carlisle	222	81306	48516	03810	854//	09840	81710	84628	88635
Valley	302	82030	16106	05914	860//	13815	88701		
Ringway	334	72010	64026	07915	7542/	14811	85710	86615	87458
Squires Gate	318	72116	62026	06413	762//	13720	87704	87615	
Ronaldsway	204	72019	60016	03214	65282	13843	81704	86616	86070
Mull of Galloway	131	71827	66286	00211	1257/	10751	81820	87458	
Eskdalemuir	162	81607	23606	03707	872//	07837	88703		
Prestwick	135	81407	45656	01209	5742/	08748	81711	84715	88530
Abbotsinch	140	80809	28656	02109	7522/	08848	81705	83713	86616
Leuchars	171	81607	66616	03809	7532/	08732	81708	87632	88459
Dyce	091	81514	62606	04409	7547/	07830	86710	87650	88459
Lerwick	005	81207	82028	06506	4847/	01819	81815	84635	88463
Wick	075	81413	82022	02709	5557/	05741	82625	84640	88459
Sule Skerry	010	71413	81028	02609	5247/	08735	85815	87360	
Cape Wrath	049	81807	83022	99507	855//	05741	88625		
Stornoway	026	81417	66606	96909	6532/	07859	82707	86614	88459
Benbecula	022	81524	42636	93709	852//	08779	83704	87707	88612
Tiree	100	81629	24586	94811	860//	10872	82701	86705	88712
Aldergrove	917	81912	56636	99214	862//	13737	83704	88706	
Malin	980	82125	70606	95613	1747/	13753	81710	88458	
Belmullet	976	72233	60605	95715	6637/	14733	84707	83720	86458
Birr	965	71820	75205	02017	764//	14734	85717	85632	
Dublin	969	72217	80805	02917	784//	14726	83816	87635	
Shannon	962	82127	56606	02616	873//	15723	82708	85712	86714
Roches Point	952	82027	14615	07813	860//	13810	88701		
Valentia	953	82228	20615	04415	862//	15721	88703		

OBSERVATIONS at 18h. — 31 October 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	72421	59055	13313	3643/	12709	82710	86360	
Hurn	862	72315	60015	15214	752//	12001	81704	86705	86656
Thorney Island	871	82316	40205	16114	853//	13002	83707	88610	88615
Manston	797	82220	59022	14214	862//	13302	88705		
Gatwick	776	82217	32506	14514	872//	13501	82703	85706	88707
Kew	775	82113	58055	12715	863//	13805	86708	88710	
Heathrow	772	82020	61015	12515	853//	13805	86709	88612	
Honington	586	82217	56055	09515	864//	13714	82710	88713	
Wattisham	590	82419	48205	10515	873//	13812	85706	88708	
Gorleston	497	82020	60022	09515	855//	14716	88625		
Aberporth	502	82326	40615	07214	874//	13711	88710		
Ross-on-Wye	627	82319	63022	09116	864//	12609	88715		
Filton	628	82014	62036	10916	855//	11712	88626		
Rhoose	715	62422	62016	10715	6097/	12711	81360	86362	
Chivenor	707	72223	66025	12415	5563/	11506	85640	86360	
Mount Batten	827	62319	58025	15814	40972	12607	84358		
St. Mawgan	817	72217	61035	14714	754//	10504	82615	87630	
Scilly	804	42321	58011	14114	40930	11709	84358		
Culdrose	809	62420	66032	15613	25432	11503	82618	84359	
Guernsey	894	52217	63012	19114	35532	12500	83625	83360	
Elmdon	534	72122	68202	07316	4543/	14615	82711	83616	85362
Cardington	559	82320	70012	09916	853//	14608	83709	85713	88620
Wittering	462	82219	66035	07517	854//	14615	83711	88617	
Wainall	354	82319	59056	05216	854//	14719	88615		
Shawbury	414	82222	59586	05416	854//	14821	81710	88613	
Finningley	360	82120	82022	03418	855//	15718	88620		
Kilnsea	396	62332	66015	04715	4557/	13731	84625	86360	
Leeming	257	82317	69616	99917	854//	15623	88616		
Tynemouth	262	82314	32256	98915	856//	13726	88640		
Carlisle	222	72320	58216	96415	752//	13622	84705	85709	86623
Valley	302	82138	40506	02114	860//	13817	86701	88702	
Ringway	334	72122	65216	03416	754//	14617	85712	87622	
Squires Gate	318	82229	50612	02414	854//	14512	83710	88612	
Ronaldsway	204	72121	60026	98813	48332	13511	81706	83632	85360
Mull of Galloway	131	61845	74018	93213	20982	13728	82360	86075	
Eskdalemuir	162	82322	48256	95613	883//	13720	83706	86708	86815
Prestwick	135	72415	75036	93316	68502	12519	82821	85825	86070
Abbotsinch	140	72215	65026	92415	68432	13633	84816	85626	
Leuchars	171	83601	48216	91809	852//	09751	82704	87708	88614
Dyce	091	81819	25516	90909	871//	09876	83702	86703	88704
Lerwick	005	81220	58656	97705	852//	03748	83705	85708	88615
Wick	075	81623	75216	89009	7522/	08768	82705	86708	87625
Sule Skerry	010	81430	56636	87109	873//	09785	88708		
Cape Wrath	049	81410	58606	84310	874//	09766	88710		
Stornoway	026	62020	70016	83612	653//	11756	84707	86620	
Benbecula	022	82014	60606	83611	853//	10735	83708	86617	88624
Tiree	100	82133	58216	85812	854//	10743	83710	88628	
Aldergrove	917	72328	70156	95113	724//	08510	82715	85822	
Malin	980	72334	70806	89613	784//	09723	86818	84630	
Belmullet	976	82242	56606	92812	864//	10610	85711	85716	
Birr	965	72222	75036	02213	764//	09309	85716	85632	
Dublin	969	72423	82038	98916	684/2	13504	81714	84820	85070
Shannon	962	72439	62026	02414	755/2	09207	83622	85635	
Roches Point	952	72432	65036	06813	16401	10311	81712	87070	
Valentia	953	72525	62026	07514	725//	08327	87821		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91151	000	d_o	+
Hurn	862	97151	000	$d_or_od_od_o$	$d_od_od_o$
Thorney Island	871	01151	000	$d_or_od_od_o$	d_od_o
Manston	797	01151		r_or_o	+
Gatwick	776	91141	000	$ir_od_od_o$	$d_od_od_or_od_o$
Kew	775	92151	000	r_oid_o	id_o
Heathrow	772	91151	000	r_oid_o	+
Honington	586	97161		r_o	d_o
Wattisham	590	01151	000	id_o	id_o
Gorleston	497	02151	000	r_or_o	+
Aberporth	502	01151	000	$r_or_od_od_or_or_o$	$id_or_or_o$
Ross-on-Wye	627	97161	000	+	r_od_o
Filton	628	01161	000	$d_od_odrd_or_o$	d_or_o-d_o
Rhoose	715	01161	000	ir_oid_or	r_or
Chivenor	707	01162	000	d_od_o	d_or_orR
Mount Batten	827	91151	000	d_od_of	r_o
St. Mawgan	817	01161	013	$d_or_od_or_od_od_o$	ir_o
Scilly	804	93161	037	id_of	ir_o
Culdrose	809	94151	008	$if1F1d_o$	$ir_or_or_o$
Guernsey	894	00150	001	+	+
Elmdon	534	93171	000	$d_od_oid_o$	$id_od_or_o$
Cardington	559	97161	000	r_o	+
Wittering	462	97171	000	d_od_o	d_o
Wainall	354	95171	000	d_od_off-d_o	ir_oid_odrr
Shawbury	414	94181	006	$id_od_or_o$	$id_oid_or_orr_o$
Finningley	360	91181	000	$d_or_od_od_od_o$	+
Kilnsea	396	92150	000	d_od_o	+
Leeming	257	03171	001	$d_od_oddfd_or_o$	r_or_o
Tynemouth	262	09152	000	$ir_or_or_orr$	$rrpRpr_o$
Carlisle	222	29162	000	$r_od_od_orR$-RR	$r_or_oRrr_or_o$
Valley	302	91141	000	id_o	$id_oir_oid_o$
Ringway	334	97171	004	+	r_or_o
Squires Gate	318	02151	000	d_or_o	r_oR
Ronaldsway	204	02141	003	d_od_ofR	rpr_o
Mull of Galloway	131	06131			
Eskdalemuir	162	29131	000	rrr_oRR	$RRrrr_opr_o$
Prestwick	135	26161	000	$rrRRr_or_o$	r_or_o
Abbotsinch	140	24151	000	$rrRRdrdr$	RRr_or_odrdr
Leuchars	171	09141	000	rr_or_oR	rRr_oifpr_o
Dyce	091	02121	000	$ir_or_or_odr$	$ddrd_od_opf_o$
Lerwick	005	07072	001	pr_o	$ir_or_or_oRR$
Wick	075	06102	000	RR	$rrir_o$
Sule Skerry	010	14102			
Cape Wrath	049	05122	000	ir	ir_o
Stornoway	026	08122	000	$ir_orrr_or_o$	$r_or_oir_o$
Benbecula	022	10122	000	r_or_orr	ir_orrdr
Tiree	100	05131	000	rrr_odr	$d_or_oir_odr$
Aldergrove	917	12161	006	d_or_oR-rr_or_o	r_opr_o
Malin	980	1816	008		
Belmullet	976	1615	001		
Birr	965	0517	005		
Dublin	969	0118	006		
Shannon	962	0417	005		
Roches Point	952	0114	000		
Valentia	953	0415	002		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

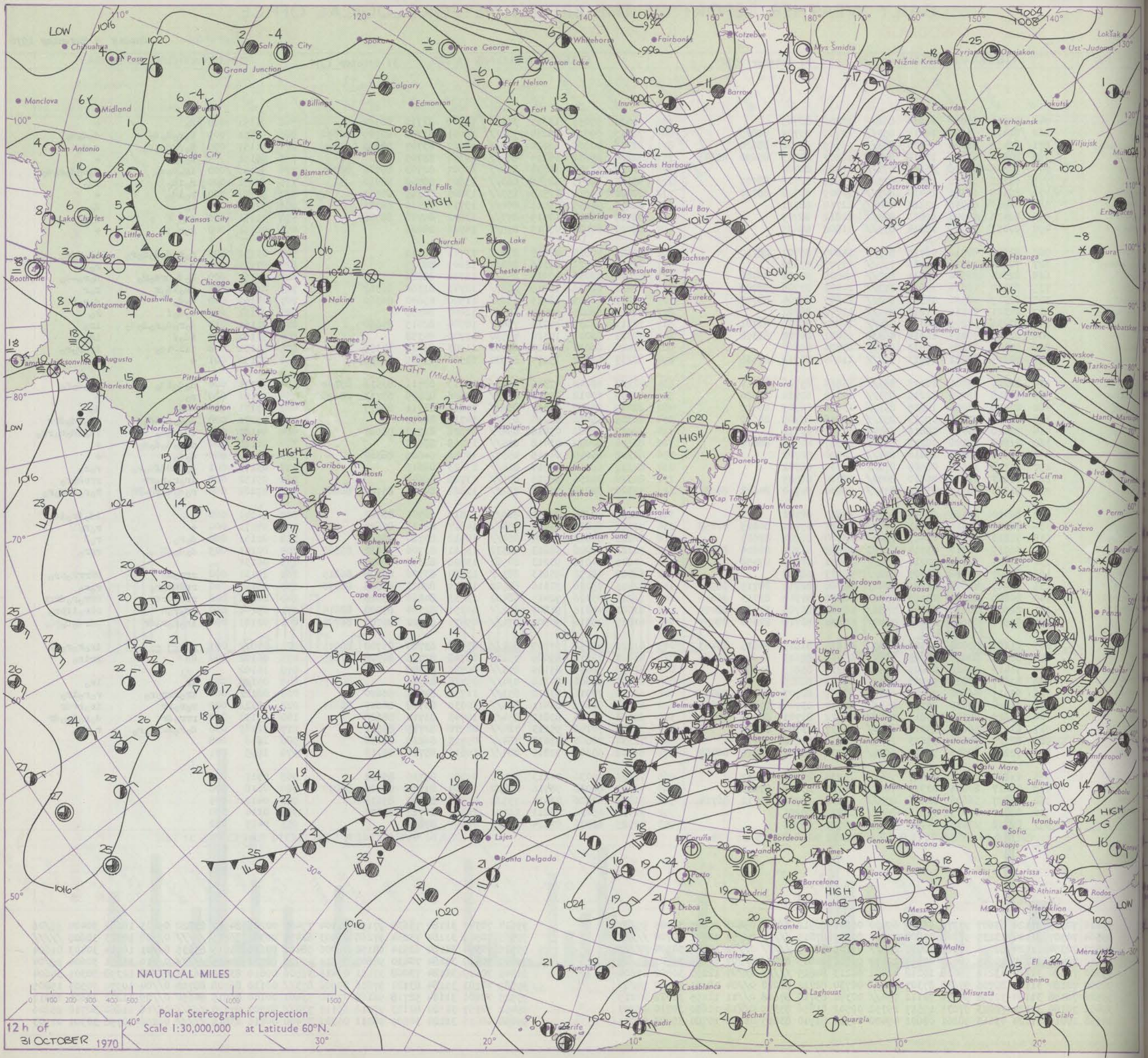
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_c$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70339	31124	63627	97278	96904	69400	00608	86912	/////	05403	10687	30505	99/07
B	99564	70507	31124	73239	97262	07504	72401	00605	87815	/////	0//51	10591	30708	/////
C	99527	70354	31124	82716	98161	10007	854//	00109	88615	/////	0//02	10954	30504	/////
D	99440	70410	31124	70615	98022	07813	22472	00806	82815	870//	0//07	11686	30503	99/04
E	99350	70480	31124	43212	98028	10218	42401	00213	84815	/////	0//07	12253	30502	27604
I	99590	70184	31124	80706	97638	87307	854//	00730	82712	86620	0//04	10981	3//00	99/07
J	99526	70198	31124	72658	94078	91111	754//	00352	85710	87618	0//11	11295	31012	24219
K	99451	70160	31124	72023	97031	19517	15752	00502	81656	85359	0//16	11650	30710	28207
M	99658	10016	31124	43613	98261	08602	49400	00310	81910	83815	06200	10780	30503	02904

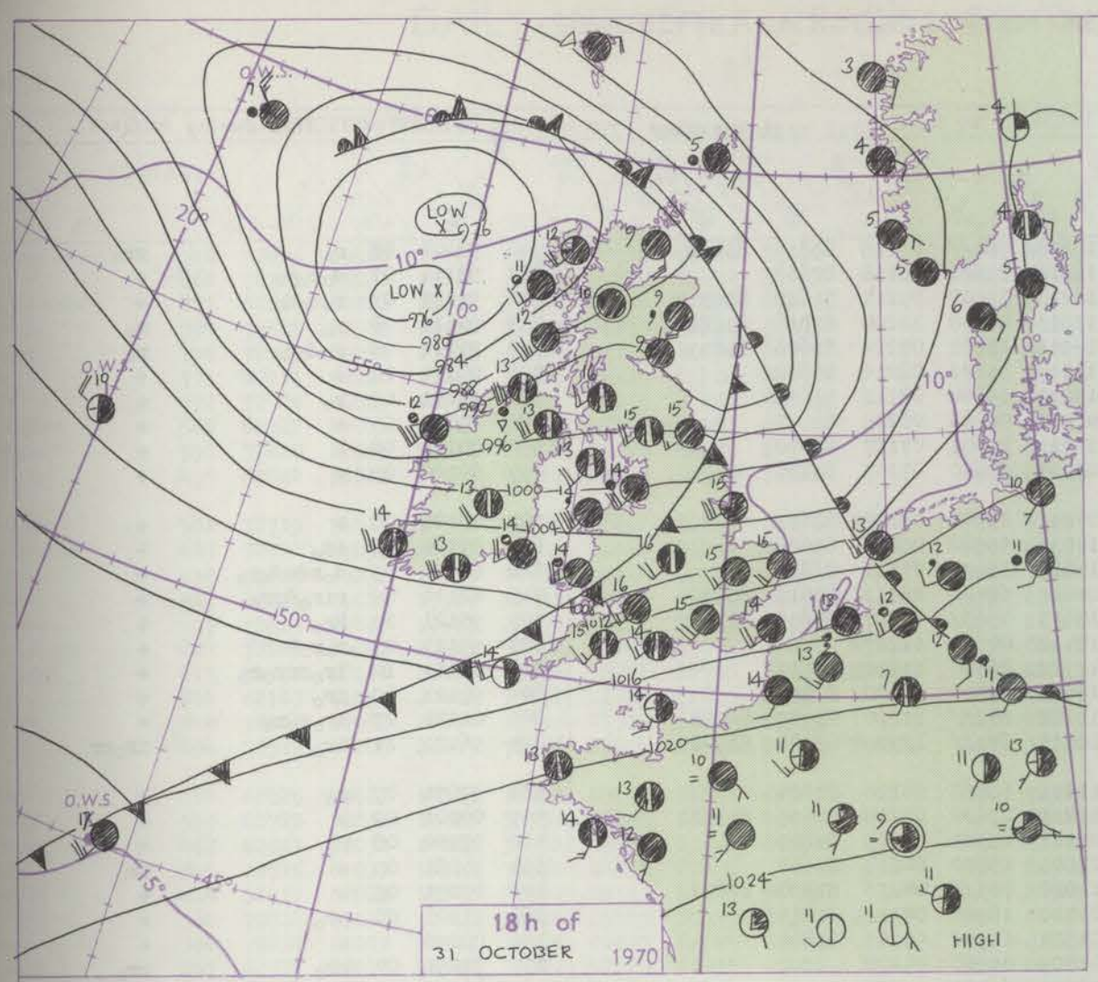
OCEAN WEATHER STATION REPORTS at 18h.

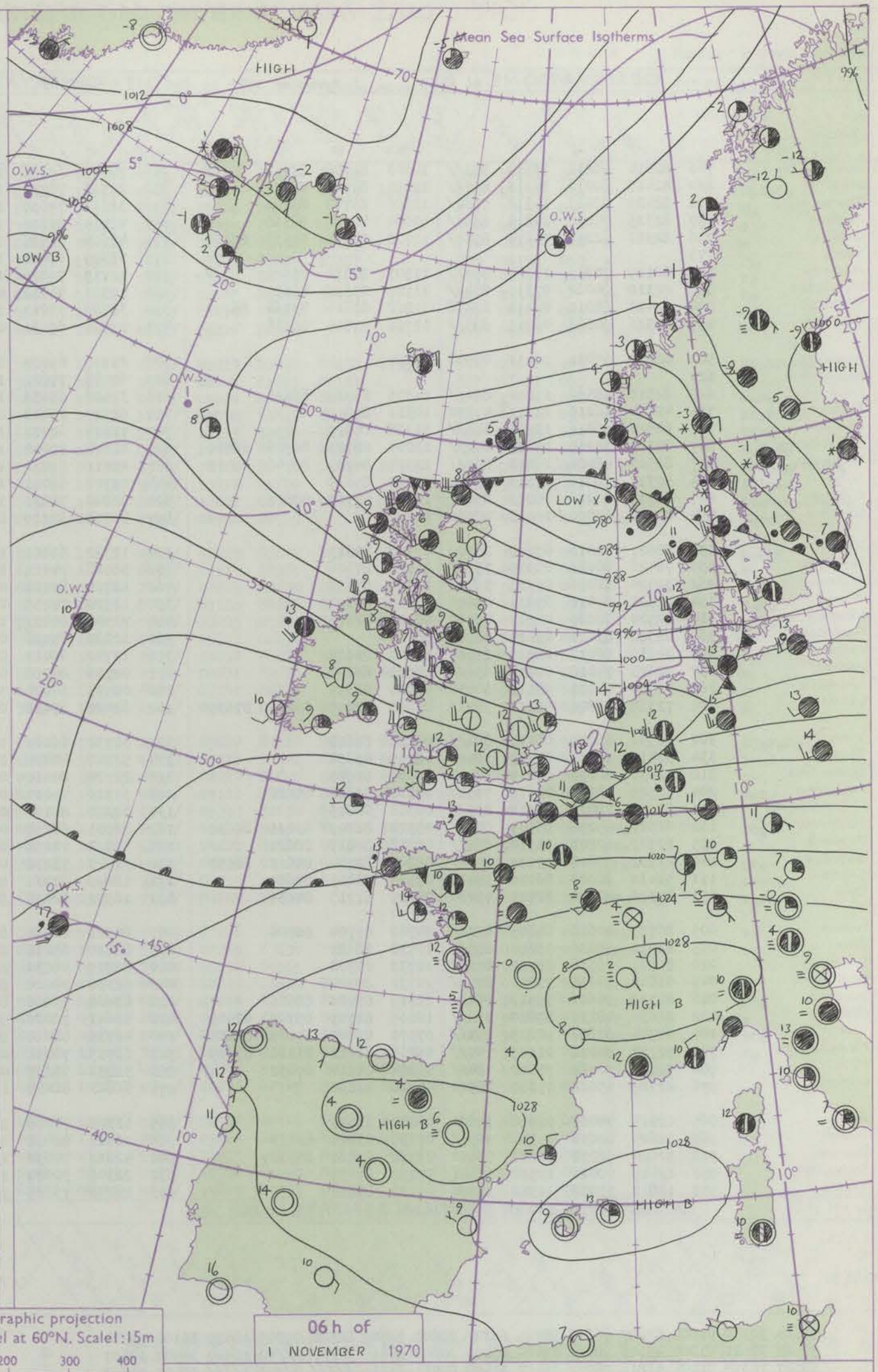
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_c$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99614	70340	31184	73630	97158	98304	79400	00205	84912	83820	05403	10686	30404	99/06
B	99565	70508	31184	73234	97268	08503	62431	00302	86815	/////	0//00	10523	30608	/////
C	99529	70354	31184	62514	98158	08006	58406	00610	83815	85635	0//01	10914	30403	01604
D	99440	70410	31184	70430	98802	03514	42472	00722	84815	/////	0//10	11691	30604	99/04
E	99349	70479	31184	73008	97151	09418	32506	00610	83820	862//	0//08	12398	30301	34604
I	99589	70183	31184	83124	97606	85906	873//	00110	86708	88712	0//04	10999	30503	15805
J	99525	70201	31184	52718	96168	07010	53401	00140	81915	84650	0//09	11272	30605	25012
K	99452	70157	31184	82123	97216	19117	774//	41302	87710	/////	0//16	11660	30710	25206
M	99658	10016	31184	30209	98011	06301	32400	00716	83815	/////	06256	10756	30301	02903

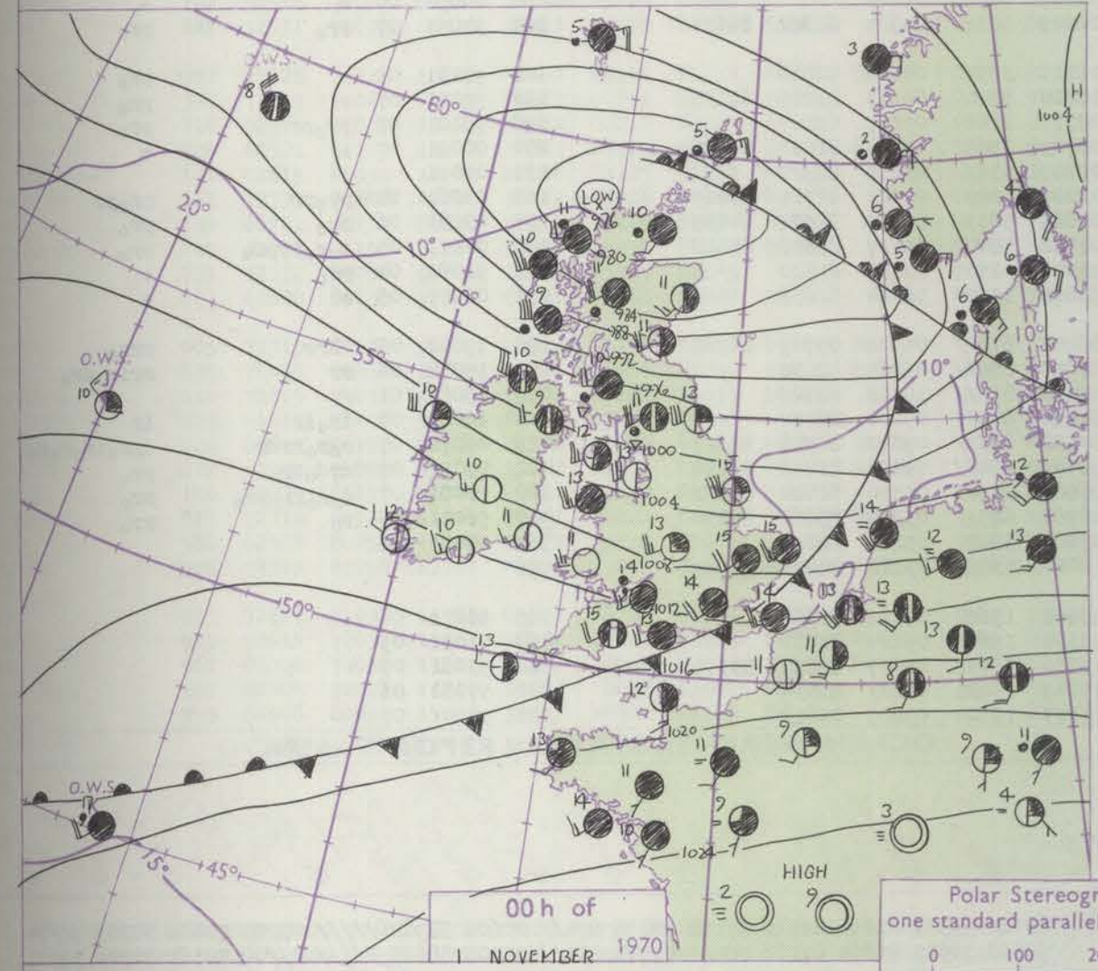
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
Chihuahua
Midland
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Fairbanks
Kotzebue
Mys Šmidta
Manclova
San Antonio
Fort Worth
Lake Charles
Jackson
Boothville
Montgomery
Nashville
Columbus
Little Rock
St. Louis
Kansas City
Omaha
Dodge City
Rapid City
Billings
Bismarck
Regina
Calgary
Edmonton
Fort Nelson
Watson Lake
Fort Simpson
Inuvik
Island Falls
Churchill
Lake Chesterfield
Winisk
Nottingham Island
Sachs Harbour
Cambridge Bay
Mould Bay
Resolute Bay
Arctic Bay
Eureka
Alert
Barrow
Nižnie Kresty
Zyrjanka
Ojmjakon
Ust'-Judoma
Jakutsk
Verhojansk
Viljujsk
Hatanga
Ostrov Kotel'nyj
Ostrov Čeljuskin
Tiksi
Pevek
Ostrov Uedimenija
Ostrov Vrangelja
Tarko-Sale
Mare-Sale
Hanty Mansijsk
Ivdel'
Turinsk
Ob"jačevo
Perm'
Nabereznyje Čelny
Ufa
Orsk
Orenburg
Aktjubinsk
Kustanai
Petropavlovsk
Omsk
Tjumen'
Tobol'sk
Surgut
Nižnevartovsk
Kargopol'
Sankursk
Vologda
Gor'kij
Penza
Kujbyšev
Saratov
Volgograd
Astrahan'
Groznyj
Machačkala
Kaspijsk
Baku
Kirovsk
Murmansk
Arhangel'sk
Mezen'
Nar'jan-Mar
Ust'-Cil'ma







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 1 November 1970

A deepening depression near O.W.S. 'J' yesterday moved steadily northeast to northwest Scotland and is now turning eastwards towards the northern Baltic. The associated cold front moved quickly southeast across the country and cleared the south coast early this morning. A further wave is expected to bring this front back into the southwest tonight. Pressure remains high over the Mediterranean and southern Europe.

Code FM 11.D

OBSERVATIONS at 00h. 1 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82614	66211	13413	853//	12303	81708	85712	85718
Hurn	862	82418	60212	14213	853//	12001	84708	88620	
Thorney Island	871	82425	66601	14513	5732/	12806	85708	88460	
Manston	797	82325	74032	12814	6557/	10604	86622	88360	
Gatwick	776	82321	62215	13014	6547/	11708	84715	84635	88360
Kew	775								
Heathrow	772	82119	70211	11614	854//	11503	82616	88621	
Honington	586	82318	64022	07315	854//	11709	83616	88620	
Wattisham	590	62423	62012	08114	25478	11812	82614	83360	86270
Gorleston	497	82326	60022	06215	885//	12706	82825	88630	
Aberporth	502	02624	59021	10111	00900	09324			
Ross-on-Wye	627								
Filton	628	82517	58586	11814	854//	11305	85715	88623	
Rhoose	715	42624	66216	12313	41500	10312	84822		
Chivenor	707	62520	66016	13913	655//	11208	86629		
Mount Batten	827	82517	32216	15813	852//	13204	82703	86706	88616
St. Mawgan	817	82517	48026	16213	862//	13314	84703	86706	88712
Scilly	804	52712	66016	17113	55400	12217	85619		
Culdrose	809	82718	26216	16013	852//	12305	83703	88612	
Guernsey	894	02218	63020	19113	00900	10702			
Elmdon	534	22627	82016	07613	25500	07308	82625		
Cardington	559	72426	80012	08315	755//	11705	87626		
Wittering	462	32524	82016	05715	35700	11509	83656		
Watnall	354	22521	69016	05613	25600	07209	82630		
Shawbury	414	22520	82036	05913	25500	08311	82623		
Finningley	360	02522	83011	03414	00900	08315			
Kilnsea	396	32639	66012	02715	35500	09602	83620		
Leeming	257	62623	74018	00213	656//	09122	86630		
Tynemouth	262	32530	74021	95513	30930	07716	83359		
Carlisle	222	72328	59806	98211	784//	09325	83710	85818	87635
Valley	302	82536	66035	06113	854//	08225	88618		
Ringway	334	32416	72011	04413	35500	08309	83628		
Squires Gate	318	12630	60258	03013	18400	09324	81815		
Ronaldsway	204	52525	70018	02612	55500	07337	81620	85626	
Mull of Galloway	131	82331	78022	99111	856//	06361	88645		
Eskdalemuir	162	62527	59258	96109	683//	05324	82709	83819	86632
Prestwick	135	82722	62808	95910	884//	08348	84815	88620	
Abbotsinch	140	82532	50618	93110	5542/	08340	82710	84618	88550
Leuchars	171	52432	80018	86111	58400	07523	83815	84650	
Dyce	091	42116	80038	82411	45400	08629	81715	84656	
Lerwick	005	80727	40616	84605	872//	04762	85704	88708	
Wick	075	82010	58636	79210	855//	10738	88622		
Sule Skerry	010	81509	19516	78710	873//	10733	88708		
Cape Wrath	049	81810	74636	77311	875//	10732	88720		
Stornoway	026	82719	56616	79511	854//	11310	85710	88616	
Benbecula	022	82636	48216	85610	852//	10269	81705	85709	88615
Tiree	100	82744	62606	90009	853//	07370	82709	84629	88635
Aldergrove	917	72722	80018	01109	754//	05255	81712	83622	87635
Malin	980	72844	70218	98010	784//	03274	84818	87632	
Belmullet	976	22729	75018	05810	28500	04244	81820		
Birr	965	12615	74026	08910	15600	07242	81633		
Dublin	969	52624	80038	05710	585//	07239	83820	83633	
Shannon	962	52620	66258	10211	53500	07238	83920	84630	
Roches Point	952	12415	70021	12510	15601	07232	81635		
Valentia	953	12812	75018	12912	12500	09128	81822		

OBSERVATIONS at 06h. 1 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72710	62806	15310	784//	09218	85816	83628	
Hurn	862	22511	75036	16312	25601	08116	82630		
Thorney Island	871	32613	74036	16013	35500	09214	81620	83635	
Manston	797	42414	81016	12813	48400	10204	81814	83628	
Gatwick	776	42614	75016	14911	15502	07214	81626	83075	
Kew	775	32309	66021	13312	35601	08216	83630		
Heathrow	772	12215	75016	13012	15600	08112	81635		
Honington	586	12521	74011	09412	00902	06205	81075		
Wattisham	590	32720	75011	10011	25601	07107	82640		
Gorleston	497	22514	60031	07913	25600	07107	82630		
Aberporth	502	22918	66030	14211	25500	06217	82625		
Ross-on-Wye	627	62408	77021	14011	55540	05225	85625		
Filton	628	32610	69036	14812	35600	07321	83635		
Rhoose	715	62717	75038	14612	684//	08117	82818	86650	
Chivenor	707	72814	62022	15613	4563/	11207	84630	87360	
Mount Batten	827	02614	59016	17412	00900	11207			
St. Mawgan	817	22611	62031	17912	26400	11111	82710		
Scilly	804	22707	66021	18612	25500	11208	82623		
Culdrose	809	62808	58031	18112	652//	11210	83705	86618	
Guernsey	894	82614	30216	18813	871//	12500	83702	88708	
Elmdon	534	12722	82011	11611	18500	04120	81824		
Cardington	559	52518	74011	11211	25630	08210	82635	84362	
Wittering	462	12720	82011	09111	18501	04109	81825		
Watnall	354	12520	74258	09009	15600	04215	81640		
Shawbury	414	72508	80031	12010	785//	04236	81820	87630	
Finningley	360	12825	85038	05710	18500	04312	81820		
Kilnsea	396	12742	66011	04511	10970	04109	81360		
Leeming	257	02736	80258	01509	00900	05120			
Tynemouth	262	02535	66020	98609	00900	01200			
Carlisle	222	62424	69038	04109	685//	04324	81822	86631	
Valley	302	32732	66011	11711	38500	04116	82820		
Ringway	334	52517	80038	10210	58500	04133	82825	84635	
Squires Gate	318	22724	80018	08711	22400	05219	82817		
Ronaldsway	204	62520	75011	08409	15632	05124	81630	85070	
Mull of Galloway	131	62320	80162	05209	636//	03236	86930		
Eskdalemuir	162	32531	62258	01007	32400	02222	81711	83819	
Prestwick	135	52721	70258	02609	5853/	04127	81824	84635	
Abbotsinch	140	52523	75258	00808	58400	05127	82818	84656	
Leuchars	171	12629	83031	93308	12500	02231	81820		
Dyce	091	12932	80030	89608	15600	50344	81635		
Lerwick	005	80523	40616	86105	872//	04342	85705	88708	
Wick	075	82830	65216	86608	856//	06265	88630		
Sule Skerry	010	82719	40636	83510	873//	10238	88708		
Cape Wrath	049	82330	74626	84810	875//	09240	88720		
Stornoway	026	82428	59606	87908	853//	07020	84708	88612	
Benbecula	022	62641	70026	92409	684//	05109	81818	86630	
Tiree	100	42735	82018	97809	48500	03220	82820	83633	
Aldergrove	917	62719	74038	06708	685//	03218	83822	84630	
Malin	980	32836	70258	03809	38400	05220	82818		
Belmullet	976	52823	81258	10010	536//	03112	84821	81921	
Birr	965	12308	74018	12608	15602	05312	81638		
Dublin	969	12517	82018	10308	15600	05224	81632		
Shannon	962	42212	74032	13110	35730	06207	83650	83359	
Roches Point	952	22308	70020	15209	25601	08107	82635		
Valentia	953	12208	75021	14810	12500	09205	81822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	92101	08	r_o	pr_o
Hurn	862	92111	07	$d_or_or_o$	+
Thorney Island	871	91121	09	$r_od_od_o$	+
Manston	797	97111	08	r_o	r_o
Gatwick	776	97111	08	$r_od_or_o$	r_o
Kew	775	00121	10	+	+
Heathrow	772	97111	09	r_o	+
Honington	586	00111	09	+	+
Wattisham	590	00111	08	+	+
Gorleston	497	00120	09	+	+
Aberporth	502	00101	08	+	+
Ross-on-Wye	627	97101	08	id_o	+
Filton	628	02111	09	$d_or_dr_dr_o$	+
Rhoose	715	02111	09	rir_oRpr_o	+
Chivenor	707	95121	10	Rr_o	+
Mount Batten	827	95121	09	r_or_oR	+
St. Mawgan	817	03111	10	$ir_orrr_or_o$	+
Scilly	804	97121	10	ir_o	+
Culdrose	809	01111	07	$ir_or_or_o$	+
Guernsey	894	96121	11	ir_o	ir_orr
Elmdon	534	97091	07	r_o	+
Cardington	559	00101	09	+	+
Wittering	462	97100	08	r_o	+
Watnall	354	97081	05	+	pr_o
Shawbury	414	00091	05	+	+
Finningley	360	91101	08	pr_o	+
Kilnsea	396	00090		+	+
Leeming	257	97091	07	pr_o	pr_o
Tynemouth	262	00091	05	+	+
Carlisle	222	97091	07	pr_o	pr_o
Valley	302	97101	09	+	pr_o
Ringway	334	97091	07	+	pr_o
Squires Gate	318	95101	07	pr_opr	pr_o
Ronaldsway	204	00091	07	+	+
Mull of Galloway	131	00091			
Eskdalemuir	162	03061	04	pr_opr	pr_opr
Prestwick	135	03081	06	pr_o	pr_o
Abbotsinch	140	02071	05	$d_or_orrpr_o$	pr_o
Leuchars	171	91081	04	pr_o	+
Dyce	091	00071	05	+	+
Lerwick	005	19042	03	RRrr	rrr_o
Wick	075	15072	06	rr	$rrir_opr_o$
Sule Skerry	010	19082	01		
Cape Wrath	049	10062	07	ir_oir	ir
Stornoway	026	06072	07	r_or_orrdr	$d_or_oir_or_or_o$
Benbecula	022	01091	07	drd_oir_o	pr_o
Tiree	100	93081	07	$d_or_oir_opr_o$	pr_o
Aldergrove	917	91071	05	r_o	pr_o
Malin	980	94081	06		
Belmullet	976				
Birr	965	91071	04		
Dublin	969	01081	05		
Shannon	962	93081	07		
Roches Point	952	97081	06		
Valentia	953	97101	07		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99614	70339	01004	83407	96616	98705	6732/	00601	86709	88528	05305	10670	30101	99/04
B	99566	70511	01004	43616	98021	09404	45400	00000	84615	/////	0//50	10520	30504	30607
C	99527	70355	01004	41816	98022	03407	35400	00711	83615	/////	0//02	1////	30403	99/03
D	99440	70410	01004	73628	97808	04513	724//	00214	87815	/////	0//08	11708	30605	/////
E	99350	70480	01004	72914	95958	10314	794//	00304	87915	/////	0//13	12226	30301	34603
I	99589	70182	01004	73030	97256	93408	794//	00245	81912	83815	0//04	11053	30807	22006
J	99526	70199	01004	22916	98021	11010	25600	00116	82635	/////	0//08	11242	30303	24010
K	99451	70159	01004	82122	94515	19417	872//	51802	88703	/////	0//17	11671	30710	25206
M	99660	10019	01004	20814	98270	03001	22500	00819	82820	/////	06353	10774	30402	02903

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70337	01064	80726	97158	98105	894//	00606	88912	/////	05204	10686	30303	99/04
B	99563	70507	01064	83106	98021	07903	854//	00708	88615	/////	0//00	10560	30301	32607
C														
D	99440	70410	01064	63230	97028	06611	52402	00216	85815	/////	0//06	11706	30607	/////
E	99350	70480	01064	80204	97809	09815	824//	00103	88815	/////	0//13	12210	30301	34603
I	99588	70178	01064	33116	98018	00908	38400	00229	82812	/////	0//04	11020	30805	25007
J	99526	70197	01064	81805	98031	10310	856//	00805	88640	/////	0//08	11264	30301	26006
K	99449	70161	01064	81924	94515	17617	861//	51610	88702	/////	0//17	11663	30710	25206
M	99659	10018	01064	20114	98038	00001	22400	00717	82815	/////	06153	10739	30402	02903

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H.M.S.O. Press, Met.O. 8

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39792

Date of Issue Monday 2 November 1970

Code FM 11.D

OBSERVATIONS at 12h. 1 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	72816	69028	18113	31532	08115	83820	87072	
Hurn	862	72713	75031	18814	32508	09010	83822	87273	
Thorney Island	871	62616	80021	18714	31532	09110	83820	85072	
Manston	797	72615	82031	16914	11602	06117	81830	87075	
Gatwick	776	72715	80031	17614	11608	07113	81830	87275	
Kew	775	42711	62020	17214	12582	05117	81820	84072	
Heathrow	772	72520	80021	16814	18632	04019	81830	86075	
Honington	586	62720	82031	14413	31602	02128	83832	86075	
Wattisham	590	72820	82031	15112	21502	05127	82828	87075	
Gorleston	497	62820	62021	13513	42570	04218	84820	86360	
Aberporth	502	72715	74031	17312	21536	08111	82823	84358	87070
Ross-on-Wye	627	72710	81031	16613	11506	03111	81825	87075	
Filton	628	72613	69031	17813	21506	07115	82825	86272	
Rhoose	715	72616	75021	17914	22531	09012	82820	87075	
Chivenor	707	72613	70018	19113	22578	10111	82822	86275	
Mount Batten	827	72508	59051	20413	41338	11208	81708	84815	87272
St Mawgan	817	72512	58021	20413	26432	10211	82710	83360	86075
Scilly	804	62103	61021	20416	15432	11209	81619	84360	
Culdrose	809	72608	68052	20614	11536	11315	81820	83359	
Guernsey	894	72512	66205	21214	784//	12005	82812	84818	86628
Elmdon	534	62825	75021	14713	11602	03018	81832	86072	
Cardington	559	62721	78031	15413	31531	05120	83825	86075	
Wittering	462	62821	82031	14013	34532	03226	83628	85072	
Watnall	354	72716	81031	12712	715/2	04221	87828		
Shawbury	414	52912	82022	15512	28502	05117	81828	84073	
Finningley	360	72828	75031	10813	31638	05229	83830	83363	85072
Kilnsea	396	72834	63021	10211	2557/	04225	82625	87460	
Leeming	257	62737	83038	06512	11602	02123	81830	85075	
Tynemouth	262	52528	74021	04511	51500	03224	85825		
Carlisle	222	52531	70011	06510	48401	06002	81715	83822	
Valley	302	72426	74018	15512	48542	08114	81820	84626	87075
Ringway	334	72617	75021	14011	785/2	05219	84825	86640	
Squires Gate	318	52724	75018	13111	38502	06016	83825	84075	
Ronaldsway	204	62521	81012	13212	38502	07224	81823	83637	85073
Mull of Galloway	131	42615	80031	11010	48500	03125	81825	84645	
Eskdalemuir	162	72735	74808	06108	794//	03126	84918	83638	
Prestwick	135	62721	68258	08210	685/1	04124	81820	85830	
Abbotsinch	140	62527	66158	05110	58602	04218	82830	85636	
Leuchars	171	32632	80030	99811	28501	05337	82825		
Dyce	091	62820	89030	97712	68541	04244	82828	86645	
Lerwick	005	70319	80036	98807	4853/	51276	83820	83640	85360
Wick	075	70415	70818	98607	784//	06280	82714	83816	87635
Sule Skerry	010	70219	74016	98908	734//	06291	84915	87620	
Cape Wrath	049	81415	74606	99607	874//	05296	88715		
Stornoway	026	83617	66216	02509	853//	08299	81706	85708	88622
Benbecula	022	73220	70808	05109	734//	07275	82711	85918	86634
Tiree	100	52925	66258	06710	48462	07252	81712	83818	
Aldergrove	917	72716	80038	11610	784//	04022	81716	84818	86624
Malin	980	62926	80258	10211	535/2	05320	85920		
Belmullet	976	72513	81258	13511	4357/	07213	83921	83635	87359
Birr	965	72107	74031	15511	4567/	08206	84640	87465	
Dublin	969	72410	72031	15311	784//	07316	83718	84820	85650
Shannon	962	80000	74038	15311	5847/	09003	83712	85638	88460
Roches Point	952	82004	70021	16811	3567/	10003	83640	88458	
Valentia	953	81908	80021	15513	3557/	10704	81720	88460	

OBSERVATIONS at 18h. 1 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	82507	69022	19111	4553/	09102	84620	88360	
Hurn	862	72308	62012	19613	2567/	10206	82640	86359	86464
Thorney Island	871	82410	61032	20313	856//	11206	88631		
Manston	797	72209	74032	19611	7097/	07214	87364		
Gatwick	776	82207	62022	19611	3567/	08210	83630	88461	
Kew	775	72205	70021	18912	1153/	07207	81825	87357	
Heathrow	772	72308	65022	18612	7093/	07210	87359		
Honington	586	72413	80012	17312	7097/	03215	86362	87467	
Wattisham	590	72609	75022	17911	7097/	05216	87363		
Gorleston	497	82408	60032	16612	856//	06224	88630		
Aberporth	502	71907	69252	15711	6857/	09717	83820	86650	87359
Ross-on-Wye	627	81903	70022	17112	1457/	08104	81625	88462	
Filton	628	71904	58052	17812	4577/	09001	84656	87460	
Rhoose	715	82207	75022	17812	1147/	10000	81815	88360	
Chivenor	707	81306	66022	17312	2567/	10713	82634	88359	
Mount Batten	827	81910	59052	18713	854//	11712	85714	88640	
St Mawgan	817	81613	19626	17112	870//	12724	83701	85702	88704
Scilly	804	92215	02604	16713	9////	13722	89/00		
Culdrose	809	82013	01505	17612	860//	12821	86700	88702	
Guernsey	894	82112	01516	20814	870//	14706	88700		
Elmdon	534	72511	58022	17111	3555/	06207	83625	87362	
Cardington	559	82410	62032	18410	8097/	07314	88360		
Wittering	462	82408	80032	17117	2467/	06214	82630	88361	
Watnall	354	82306	62032	16511	856//	07313	82630	88639	
Shawbury	414	82605	78602	15911	5567/	08003	85645	86361	88465
Finningley	360	62506	74022	15611	656//	06313	86636		
Kilnsea	396	82824	66032	14211	2557/	04212	82625	88360	
Leeming	257	82710	82021	14210	25647	04231	82630	84363	88270
Tynemouth	262	62722	66021	11510	6097/	03241	86358		
Carlisle	222	82508	74038	13009	2567/	05215	82640	88360	
Valley	302	82708	62602	15011	2547/	09802	82616	85360	88465
Ringway	334	72408	68022	16111	45572	07218	84626	86360	87075
Squires Gate	318	82713	75031	15411	685/7	08217	81820	86650	88270
Ronaldsway	204	82410	82032	14311	4852/	07111	82826	83635	88460
Mull of Galloway	131	82506	80032	13209	2563/	05313	82630	88360	
Eskdalemuir	162	82611	69038	11908	2567/	03037	82630	84362	88366
Prestwick	135	72606	72031	12110	58542	04220	81820	84634	86070
Abbotsinch	140	82613	70258	11509	4852/	07134	82822	84635	88463
Leuchars	171	72505	70801	10408	785//	07255	83820	87636	
Dyce	091	73206	68036	09906	756//	04165	87639		
Lerwick	005	13505	82028	09601	12500	52248	81820		
Wick	075	30407	80038	10405	35600	02243	83630		
Sule Skerry	010	51509	81036	09508	53400	05231	85915		
Cape Wrath	049	40510	83016	09608	48500	02228	83820	84625	
Stornoway	026	80000	70258	09607	885//	07219	82822	88640	
Benbecula	022	70000	80028	09306	28438	04004	81818	87272	
Tiree	100	82606	82018	09608	1247/	06003	81815	88464	
Aldergrove	917	82006	80022	12508	35637	06807	83630	85360	88270
Malin	980	82107	80028	11308	4857/	05809	81820	84632	88462
Belmullet	976	81408	80606	10110	5547/	08626	82715	84632	88458
Birr	965	81306	66606	12810	7642/	09722	85714	85628	88458
Dublin	969	81803	60218	13310	8642/	09812	82716	83640	88457
Shannon	962	81311	60616	11111	5742/	10723	82712	85630	88556
Roches Point	952	81311	50616	12311	5722/	11730	85705	88545	
Valentia	953	81411	62636	08112	4642/	10849	84719	88557	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92141	036	+	ro
Hurn	862	97151	031	+	dodoro
Thorney Island	871	97151	040	+	do
Manston	797	00150		+	+
Gatwick	776	00151	048	+	+
Kew	775	91151	050	+	ro
Heathrow	772	97151	045	+	ro
Honington	586	97141		+	ro
Wattisham	590	00120	033	+	+
Gorleston	497	00150	042	+	+
Aberporth	502	02121	003	+	proirorororr
Ross-on-Wye	627	01131	043	+	rr
Filton	628	93141	041	+	roro
Rhoose	715	06142	033	+	iroR
Chivenor	707	09142	013	pro	RRrr
Mount Batten	827	02141	027	+	dorodo
St Mawgan	817	04151	018	+	irdorrrroro
Scilly	804	94161	031	+	ffidiro
Culdrose	809	94152	039	+	idododoidoiro
Guernsey	894	96151	001	idodoro	dodoFF
Elmdon	534	93131	053	+	roror
Cardington	559	00140	052	+	+
Wittering	462	95141	049	+	ror
Watnall	354	97121	035	+	roro
Shawbury	414	01131	030	+	roorr
Finningley	360	00131	021	+	+
Kilnsea	396	00120	011	+	+
Leeming	257	00131	053	+	+
Tynemouth	262	00111	072	+	+
Carlisle	222	97111	035	pro	+
Valley	302	01131	000	+	ironoro
Ringway	334	97131	031	+	iror
Squires Gate	318	97121	035	+	ro
Ronaldsway	204	97121	035	+	doro
Mull of Galloway	131	00111			
Eskdalemuir	162	91101	035	pro	pro
Prestwick	135	95111	033	pro	+
Abbotsinch	140	97111	034	pro	pro
Leuchars	171	02121	068	+	prpro
Dyce	091	01121	022	~~proro~~	roro
Lerwick	005	91073	026	pro	+
Wick	075	01091	000	prpro	+
Sule Skerry	010	92110			
Cape Wrath	049	01121	011	iro	+
Stornoway	026	94112	000	iropro	pro
Benbecula	022	94101	012	pro	+
Tiree	100	97111	012	pro	pro
Aldergrove	917	97121	023	+	ro
Malin	980	9711	008		
Belmullet	976	9712	008		
Birr	965	9211	000		
Dublin	969	0211	020		
Shannon	962	0312	000		
Roches Point	952	0213	000		
Valentia	953	0315	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

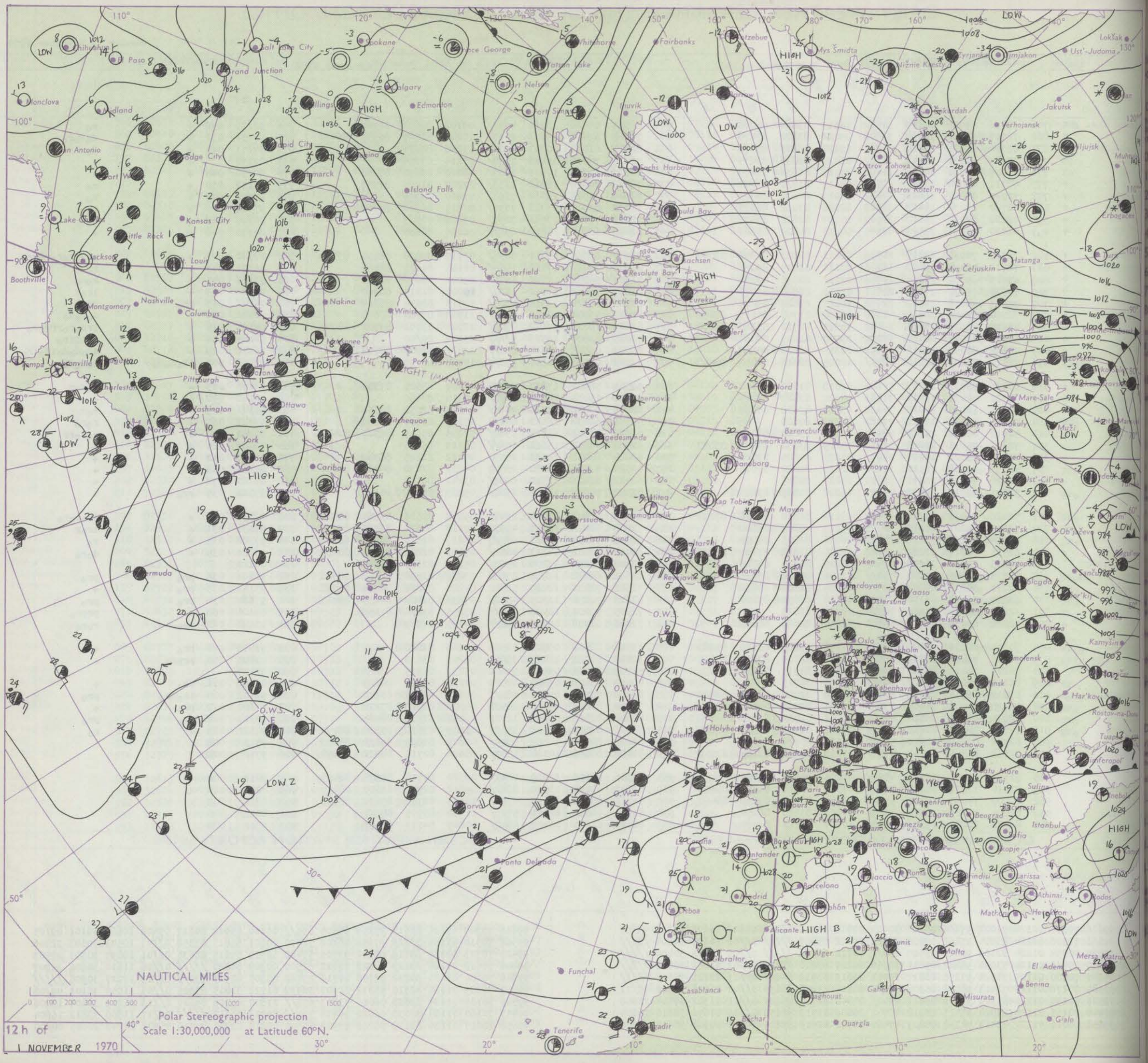
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70338	01124	71022	97606	96306	37420	00712	83712	86430	05106	10674	30303	99/05
B	99566	70506	01124	83304	97856	07702	823//	00302	88807	/////	0//00	10509	30604	/////
C	99529	70354	01124	82106	98216	93507	854//	00712	/////	/////	0//05	10946	30404	/////
D	99440	70411	01124	73030	98028	09611	72560	00220	87820	/////	0//03	11663	30606	/////
E	99349	70480	01124	70320	97258	10817	33462	00013	83912	840//	0//13	12222	30604	/////
I	99589	70176	01124	72413	98038	06308	685/8	00227	81822	86635	0//00	11026	30502	99/11
J	99526	70195	01124	81320	97606	03411	4542/	00852	82710	84625	0//11	11302	30404	22008
K	99448	70163	01124	61928	97015	18718	55402	00006	81713	85656	0//16	11676	30810	16604
M	99658	10016	01124	43417	98158	00003	49460	00702	81915	83825	05854	10744	30402	02004

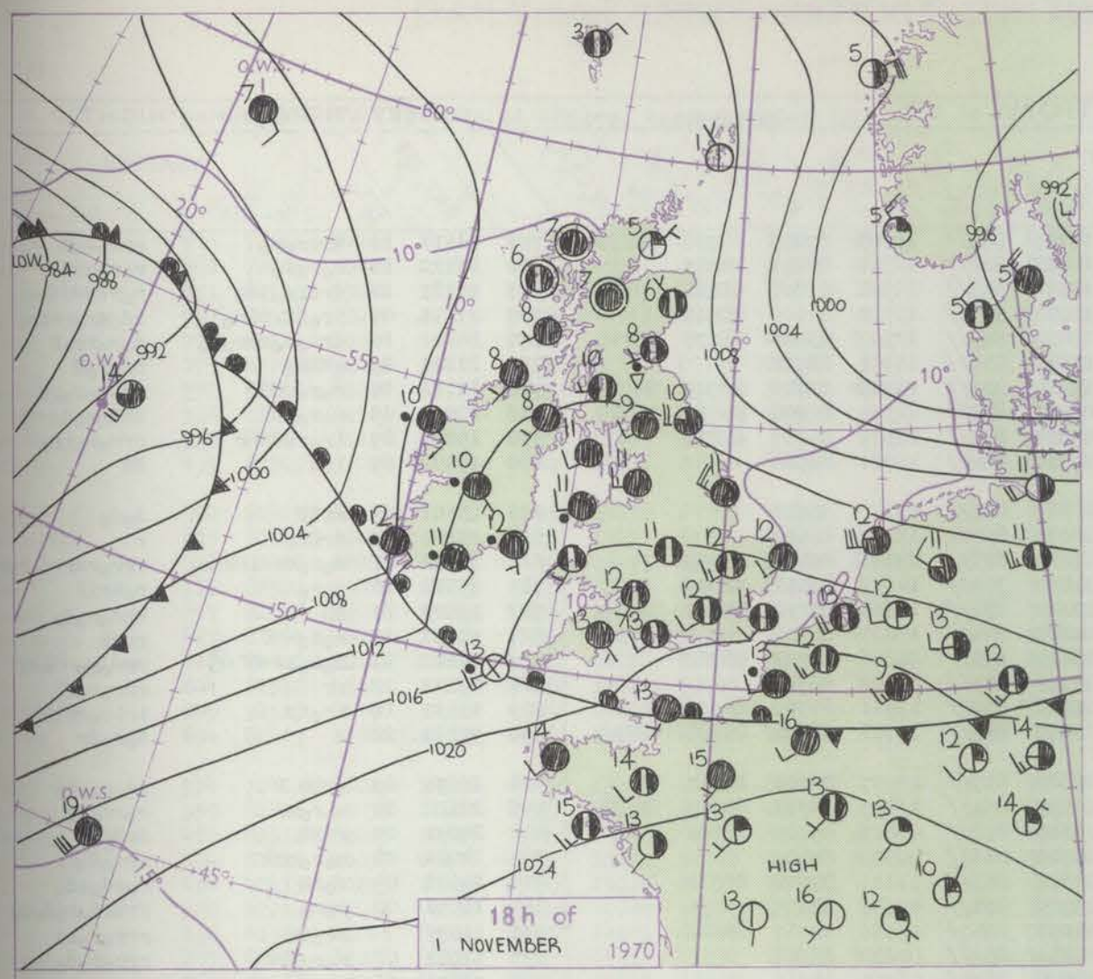
OCEAN WEATHER STATION REPORTS at 18h.

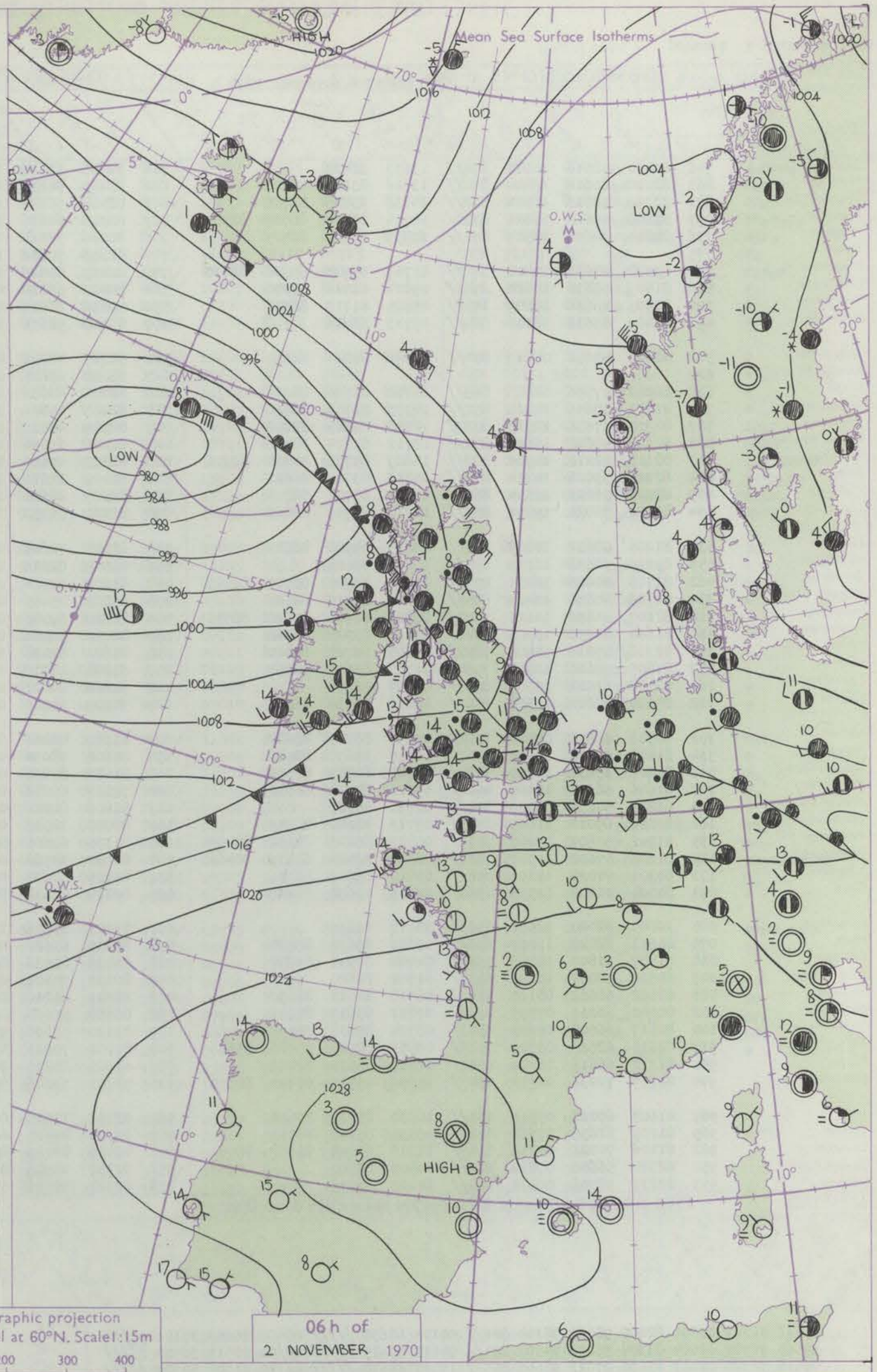
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70340	01184	81813	97156	96504	894//	00100	84912	84617	05402	10668	30101	99/05
B	99566	70510	01184	73216	97158	06402	52470	00801	85815	83358	0//51	10543	30503	32506
C	99520	70373	01184	63116	98152	93505	57400	52310	85815	86635	0//01	10897	30301	27503
D	99440	70410	01184	63127	98022	10012	62500	00305	86820	/////	0//06	11610	30606	35907
E	99348	70480	01184	60232	97158	12518	23462	00305	82915	830//	0//13	12227	30906	/////
I	99587	70185	01184	81310	97032	02907	38437	61722	81815	83625	0//03	11055	30101	99/08
J	99529	70189	01184	61818	96016	93813	653//	21630	85708	85620	0//13	11259	30404	13006
K	99453	70160	01184	82030	96022	16418	754//	81713	87618	/////	0//17	11666	30812	16604
M	99658	10017	01184	83135	96268	97902	59300	00818	83707	85910	05902	10748	30605	00/00

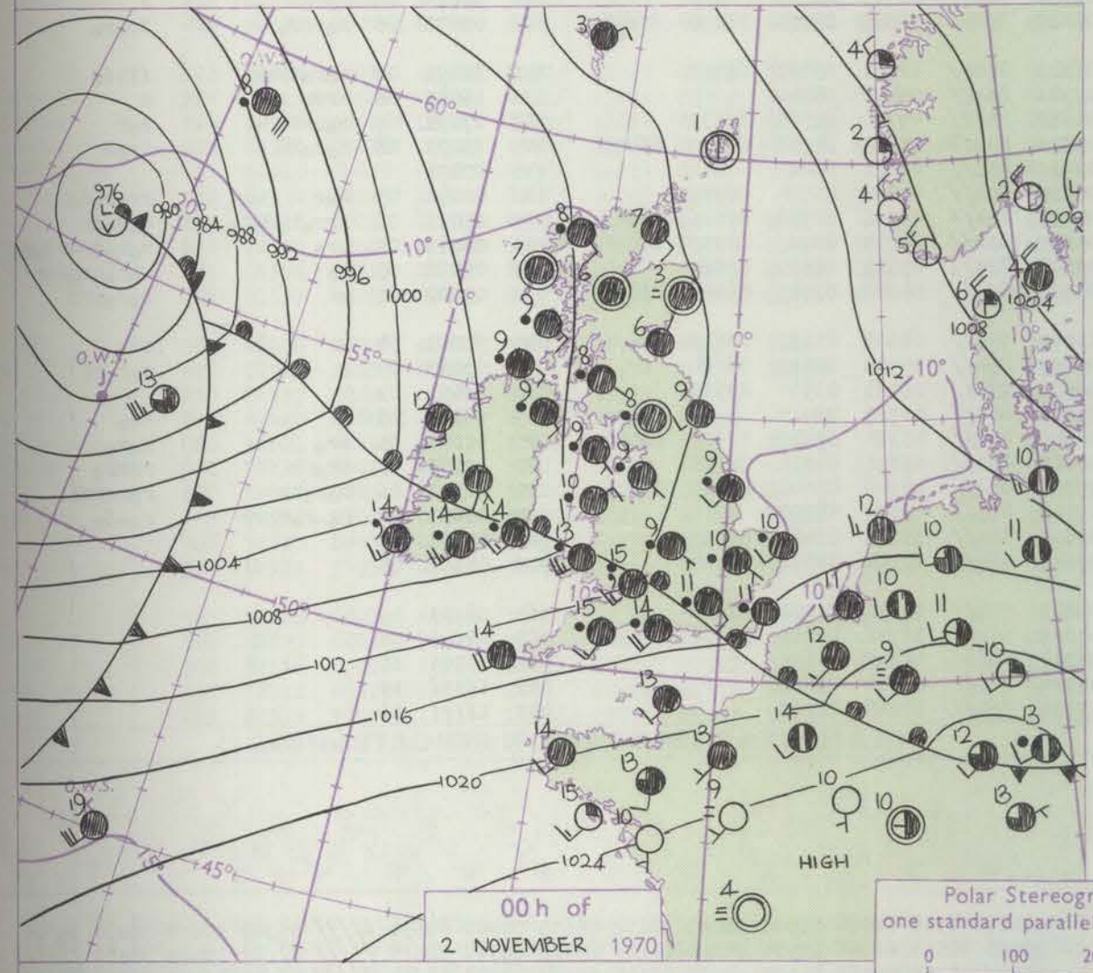
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
TROUGH
Whitehorse
Fairbanks
Inuvik
Fort Nelson
Edmonton
Calgary
Prince George
Grand Junction
Salt Lake City
Spokane
Billings
Rapid City
Bismarck
Winnipeg
Kansas City
Chicago
Boothville
Montgomery
Nashville
Columbus
Pittsburgh
Washington
Norfolk
New York
Charleston
Tampa
Jacksonville
Bermuda
Sable Island
Cape Race
Caribou
Yarmouth
Ottawa
Churchill
Chesterfield
Nakina
Island Falls
Resolute Bay
Eureka
Alert
Cambridge Bay
Coppermine
Fort Simpson
Fort Smith
Yellowknife
Baker Lake
Nottingham Island
Port Harrison
Fort Chimo
Resolution
Frederikshab
Prins Christian Sund
Godthaab
Holsteinborg
Angmagssalik
Reykjavik
Thorshavn
Stornoway
Valentia
Holyhead
Belmullet
Shannon
Ponta Delgada
Funchal
Casablanca
Tenerife
Gibraltar
Porto
Lisboa
Madrid
Santander
Barcelona
Alicante
Alger
Tunis
Malta
Misurata
Ghadames
Ouargla
Gafsa
Gabès
Benina
El Adem
Mersa Matruh
Tobruk
Larissa
Athinai
Rodos
Istanbul
Izmir
Ankara
Beograd
Zagreb
Venezia
Genova
Milano
Roma
Brindisi
Napoli
Palermo
Bordeaux
Paris
Brussels
Amsterdam
Hamburg
Berlin
Frankfurt
Hannover
Manchester
Glasgow
Belfast
Dublin
København
Oslo
Stockholm
Helsinki
Tórshavn
Bodø
Narvik
Tromsø
Murmansk
Arkhangel'sk
Mys Šmidta
Tiksi
Jakutsk
Verhojansk
Oymjakon
Ust'-Judoma
Lokčak
Ust'-Cil'ma
Ob'jačevo
Mare-Sale
Dikson
Barentsburg
Hopen
Bjørnøya
Jan Mayen
Kap Tobin
Ittiteq
Danmarkshavn
Daneborg
Station Nord
Mys Čeljuskin
Ostrov Kotel'nyj
Ostrov Zohova
Ostrov Vrangelja
Ostrov Ajon
Ostrov Kolguev
Ostrov Dikson
Ostrov Sosva
Ostrov Belyj
Ostrov Sal'nyj
Ostrov Kil'din
Ostrov Kolgujev
Ostrov Vaygach
Ostrov Novaja Zemlja
Ostrov Kil'din







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 2 November 1970

The deep depression which was situated over the North Sea yesterday morning moved away eastwards to the Baltic. A further depression in the Atlantic has deepened and moved northeast towards O.W.S.'I'. Its associated warm front has moved slowly northeastwards across England and Wales. During the next 24 hours the depression will continue to move northeast towards the Faeroes and its associated cold front is expected to move southeastwards across the whole of the British Isles by midnight. Pressure will remain high over the Mediterranean.

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

Code FM 11.D

OBSERVATIONS at 00h. — 2 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82420	48616	14113	872//	13633	88703		
Hurn	862	82220	60616	15214	872//	13626	83703	88707	
Thorney Island	871	82319	48616	16214	872//	14631	83705	88706	
Manston	797	81808	56642	17411	6722/	10724	83704	86709	88540
Gatwick	776	82011	24636	15913	872//	13835	84704	88705	
Kew	775								
Heathrow	772	81308	42636	14411	872//	11743	83704	85706	88710
Honington	586	81403	58636	15610	2742/	09824	82716	88550	
Wattisham	590	81903	48616	15809	1742/	09825	81710	88556	
Gorleston	497	82409	68636	16110	864//	09713	88715		
Aberporth	502	82424	48656	08613	854//	13642	82710	88627	
Ross-on-Wye	627								
Filton	628	82213	17596	11815	873//	14740	86706	88708	
Rhoose	715	82311	30656	11514	872//	14733	83704	88710	
Chivenor	707	82323	37636	12515	873//	14620	82708	88712	
Mount Batten	827	82326	40618	15614	872//	13712	87704	88708	
St. Mawgan	817	82118	32216	14714	872//	14809	83703	85704	88706
Scilly	804	82218	59026	14714	853//	14813	83709	88621	
Culdrose	809	82320	56606	15514	860//	13808	85701	88704	
Guernsey	894	82221	70025	19313	853//	12710	85709	88613	
Elmdon	534	81206	58632	12809	853//	09835	84708	88614	
Cardington	559	81305	58636	14110	856//	10836	88644		
Wittering	462	81708	40656	14210	6722/	09722	83704	85707	88525
Watnall	354	81706	40636	13409	854//	09824	84710	88625	
Shawbury	414	81107	56636	11110	7522/	09843	82703	87620	88550
Finningley	360	81604	48636	13209	3742/	09819	83713	88460	
Kilnsea	396	82308	57636	14409	5652/	08805	85720	88460	
Leeming	257	81805	74616	12810	3562/	07717	83630	88557	
Tynemouth	262	82508	61022	12809	8097/	05807	88358		
Carlisle	222	80000	62602	11608	856//	06818	84630	88640	
Valley	302	80508	58656	09810	852//	09736	85705	88620	
Ringway	334	81406	50636	12209	3562/	09730	83635	88556	
Squires Gate	318	81207	35636	11709	2722/	09725	82703	88550	
Ronaldsway	204	81606	56655	10409	4722/	09621	84705	88540	
Mull of Galloway	131	81810	64636	08909	874//	08731	88715		
Eskdalemuir	162	80000	69012	11605	2577/	03713	82656	88359	
Prestwick	135	81202	62602	09908	7552/	05717	85626	86650	88459
Abbotsinch	140	81206	57602	10508	7552/	06612	82624	86639	88462
Leuchars	171	80301	74028	11106	854//	05810	83619	88636	
Dyce	091	80000	50102	12503	1562/	03003	81630	88460	
Lerwick	005	10000	82020	12501	15600	50112	81630		
Wick	075	81611	82022	12007	656/7	03102	86636	88270	
Sule Skerry	010	71409	81802	10708	734//	04704	83915	87620	
Cape Wrath	049	60510	82031	10306	655//	01704	86620		
Stornoway	026	81512	60602	08108	854//	06718	84618	88630	
Benbecula	022	80000	62216	07007	854//	07721	83617	88631	
Tiree	100	81517	66608	06909	7562/	06724	87633	88458	
Aldergrove	917	81511	62616	06209	7522/	08551	82705	84708	85618
Malin	980	81312	66616	06209	6567/	08730	86635	88459	
Belmullet	976	81717	72036	02512	7647/	10006	83712	85714	86630
Birr	965	81607	69216	05811	854//	10530	83712	87636	
Dublin	969	81209	62656	07710	871//	10831	85702	88705	
Shannon	962	81406	74022	05511	5547/	11319	83712	85650	88461
Roches Point	952	82324	56606	07814	872//	14505	88704		
Valentia	953	82217	58506	06814	864//	14002	88713		

OBSERVATIONS at 06h. — 2 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82616	59656	13213	853//	13203	85707	85714	88630
Hurn	862	82415	56636	14114	872//	14301	85703	88707	
Thorney Island	871	82518	56596	14314	873//	13500	83707	88710	
Manston	797	82318	61635	12114	5732/	13502	85709	88514	
Gatwick	776	82516	58616	13414	873//	13307	83706	86708	88712
Kew	775	82313	70616	11815	874//	13301	88711		
Heathrow	772	82215	65616	11915	873//	13303	81706	83709	88713
Honington	586	82407	59216	09311	853//	11514	82708	85712	88619
Wattisham	590	82616	66216	09814	853//	13509	86707	88615	
Gorleston	497	80710	56636	09310	864//	10731	88710		
Aberporth	502	82317	48506	08313	870//	13000	88701		
Ross-on-Wye	627	82010	63626	10115	8042/	13205	88512		
Filton	628	82415	48636	11714	873//	13302	86706	88709	
Rhoose	715	82413	40656	11014	3542/	14002	83612	88545	
Chivenor	707	82319	48616	12114	854//	14400	84712	83620	88645
Mount Batten	827	82426	19636	14213	871//	13607	88702		
St. Mawgan	817	82322	40636	13414	871//	14606	85702	88703	
Scilly	804	82420	32636	13714	873//	14602	88709		
Culdrose	809	82523	28636	13913	860//	13611	84700	88706	
Guernsey	894	82221	56052	17214	853//	13704	83706	85708	88610
Elmdon	534	82515	70606	08615	853//	13507	82709	88611	
Cardington	559	82520	62216	10015	854//	13305	83711	83713	88624
Wittering	462	81202	17516	08809	872//	09611	85704	88706	
Watnall	354	81003	05465	09309	861//	09519	88701		
Shawbury	414	82209	69506	07812	863//	11111	85708	88710	
Finningley	360	80000	50506	08709	872//	09631	88705		
Kilnsea	396	81810	63036	11009	2647/	09516	82717	88460	
Leeming	257	81506	26216	08409	861//	08010	88702		
Tynemouth	262	81616	66026	09708	8097/	06705	88358		
Carlisle	222	70803	58216	06107	754//	06828	82715	83718	87640
Valley	302	81913	48106	06313	860//	12501	83700	88702	
Ringway	334	81608	75036	07711	864//	09501	88710		
Squires Gate	318	81412	65036	06510	854//	09710	82710	88613	
Ronaldsway	204	71507	65216	05211	653/2	11723	81706	83617	86075
Mull of Galloway	131	81808	82026	03611	856//	09826	88645		
Eskdalemuir	162	80000	32516	06705	872//	05822	85704	88709	
Prestwick	135	81305	60606	04007	854//	06736	83715	85626	86632
Abbotsinch	140	80607	30586	05107	852//	06833	82703	85707	88640
Leuchars	171	81606	60636	07308	855//	07619	86620	88629	
Dyce	091	81414	58612	08307	854//	04823	81715	85618	88622
Lerwick	005	71107	80036	11504	755//	01608	84622	87630	
Wick	075	81419	65622	07707	854//	04723	85713	88624	
Sule Skerry	010	71419	81032	06908	734//	06723	83915	87620	
Cape Wrath	049	80515	74606	04405	864//	04727	88715		
Stornoway	026	81315	66216	02508	854//	06735	81710	85622	88640
Benbecula	022	81418	56636	00008	854//	06741	84710	88618	
Tiree	100	81330	56636	99308	852//	08746	84705	87709	88616
Aldergrove	917	81612	70026	02711	863//	09725	88707		
Malin	980	61922	80215	99312	664//	11726	83710	85717	
Belmullet	976	72125	70606	99613	764//	12508	82711	86714	
Birr	965	72313	70016	04815	754//	12302	82715	87636	
Dublin	969	72312	80206	04212	5547/	12716	83713	85630	87459
Shannon	962	42419	80015	04914	45600	12207	84635		
Roches Point	952	82332	56506	07914	863//	13304	88707		
Valentia	953	82315	60026	07014	864//	10218	88713		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	16111	11	Rrrroro	rrroroR
Hurn	862	16122	10	dororo	rorrdrR
Thorney Island	871	16121	12	drdrroido	rordrdrdo
Manston	797	07111	09	iroRRrrido	idoRrorriro
Gatwick	776	14112	10	drdororRroro	dororroR
Kew	775	11111	09	rRRro	rroroR
Heathrow	772	11112	10	rororRdr	dr-rororR
Honington	586	20091	09	rororRR	RRdorodo
Wattisham	590	19091	09	irorrRRrr	rrroroiro
Gorleston	497	17092	09	iRR	RR
Aberporth	502	18101	09	rrRR	dodo
Ross-on-Wye	627	11101	10	rrRrr	r
Filton	628	30112	11	rororrdrRrRr	rrrorRrrdorod
Rhoose	715	35112	10	Rrro	roRriR
Chivenor	707	29122	10	RR	RRdorodo
Mount Batten	827	17131	13	roro+r	rrRR
St. Mawgan	817	22142	13	~~rororr~~rriR	~~rrroro~~ RR+r
Scilly	804	07132	12	rr	rrroroff
Culdrose	809	13131	10	iroir	irirorriF
Guernsey	894	91131	12	+	dorodr
Elmdon	534	16091	09	rrDR-R	rdoro-ro
Cardington	559	20102	08	rororr	rorroro
Wittering	462	24091	09	rrRR	RrRdof
Watnall	354	14081	08	rororrR	rrdododff
Shawbury	414	14091	09	rorR	rordoido
Finningley	360	16091	08	roro	rrdrdorododo
Kilnsea	396	11092		irorr	rrroroid
Leeming	257	11081	07	roroRrr	rrrorododod
Tynemouth	262	92071	06	roro	+
Carlisle	222	03071	06	rorrro	iroro
Valley	302	12091	09	roroRRrr	ffido
Ringway	334	16081	08	rrRr	r
Squires Gate	318	17091	07	rorrRR	roR
Ronaldsway	204	13091	08	doroRR	iroR
Mull of Galloway	131	07091			
Eskdalemuir	162	02041	03	ror	rrorodo
Prestwick	135	02071	06	irrorododoro	dododoir
Abbotsinch	140	06072	05	iro	rorodrdrdoro
Leuchars	171	05062	05	ro	rororroRdr
Dyce	091	07022	01	+	rororrR
Lerwick	005	93001	54	+	iro
Wick	075	03062	03	+	rororr
Sule Skerry	010	01071	01		
Cape Wrath	049	94051	03	+	iro
Stornoway	026	01072	05	iro	roro
Benbecula	022	09062	05	irorr	rrRro
Tiree	100	11072	06	rororr	rorrRdr
Aldergrove	917	06081	07	ro-rororr	ro-do
Malin	980	07081	07		
Belmullet	976	04101	08		
Birr	965	08101	09		
Dublin	969	11091	08		
Shannon	962	14101	10		
Roches Point	952	13131	10		
Valentia	953	11121	11		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70341	02004	82805	98022	98104	856//	00104	88630	/////	05400	10667	30101	99/04
B	99565	70507	02004	83304	98032	04502	854//	00612	88615	/////	0//51	10515	30502	/////
C	99518	70380	02003	83130	97022	98606	855//	13027	88630	/////	0//03	11005	30707	/////
D	99440	70409	02004	72922	98808	14310	72400	00222	87815	/////	0//05	11656	30606	35906
E	99350	70483	02004	20332	97028	17018	22400	00230	82815	/////	0//11	12225	31008	/////
I	99587	70186	02004	81130	97636	94108	1542/	00748	81625	88458	0//05	11043	30605	27006
J	99529	70181	02004	62136	98215	89513	685//	00630	82820	86625	0//12	11324	30606	18807
K	99453	70158	02004	82031	96022	17218	773//	00002	87708	/////	0//17	11647	30814	99/04
M	99660	10020	02004	53530	97262	03504	59400	81342	84910	/////	05602	10764	30909	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70337	02064	71005	98022	98105	75600	00400	87630	/////	05302	10672	30101	99/03
B	99565	70511	02064	82520	98021	01202	854//	00714	88615	/////	0//01	10545	30503	/////
C	99523	70365	02063	83035	97022	03606	855//	12214	88630	/////	0//02	11000	30707	/////
D	99440	70410	02064	43220	98012	15811	42400	00108	84815	/////	0//03	11656	30606	/////
E	99350	70482	02064	50225	97021	18118	58300	00106	82808	84618	0//10	12202	31009	/////
I	99588	70188	02064	80940	97616	82408	5742/	00644	85710	88458	0//08	11054	31214	99/07
J	99531	70175	02064	42438	98038	98312	48600	21131	82830	83635	0//09	11272	30606	30012
K	99451	70159	02064	82128	95615	17517	871//	51400	88701	/////	0//17	11671	30814	/////
M	99652	10017	02064	51807	97258	06403	59400	00305	84810	85630	05702	10758	30301	33905

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39793 — Date of Issue Tuesday 3 November 1970

Code FM 11.D **OBSERVATIONS at 12h.** 2 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	72914	74206	14715	6537/	14010	81708	83711	85620
Hurn	862	72409	68016	15916	6637/	15221	85708	85360	86365
Thorney Island	871	82515	59206	16115	852//	14209	84705	86707	88656
Manston	797	82415	68026	14715	863//	14313	88707		
Gatwick	776	82311	35586	15015	7722/	15011	83704	86705	88550
Kew	775	82208	70026	14216	7632/	14327	87708	88550	
Heathrow	772	82214	68216	13716	5547/	14128	83712	85621	88465
Honington	586	82416	62605	11215	864//	13010	86710	88715	
Wattisham	590	82416	61216	11715	873//	13017	88709		
Gorleston	497	82309	57026	11315	6642/	14320	86715	88456	
Aberporth	502	82419	61025	11413	853//	12119	84709	88645	
Ross-on-Wye	627	82415	70026	10517	1157/	12002	81820	88462	
Filton	628	82418	62056	13815	852//	13117	81705	86707	88623
Rhoose	715	82521	59026	13415	7647/	13015	87710	88359	
Chivenor	707	82516	58036	15015	852//	14112	81704	84710	87622
Mount Batten	827	82514	58026	16814	852//	14109	82704	86709	88618
St. Mawgan	817	82416	28106	16815	870//	14110	82700	88701	
Scilly	804	82312	16106	17114	862//	14212	88703		
Culdrose	809	92515	01476	16914	9////	14109	89/00		
Guernsey	894	82417	27586	19615	870//	15113	84700	87701	
Elmdon	534	72413	66026	10816	6547/	13210	86616	87360	
Cardington	559	82416	61056	11816	854//	14011	83715	88625	
Wittering	462	82512	82025	10316	7537/	14308	82709	85712	87615
Watnall	354	82414	40055	09115	4532/	13202	82708	83630	88460
Shawbury	414	82415	80215	10016	854//	13214	86617	88650	
Finningley	360	82212	57015	07615	3743/	14808	83715	88358	
Kilnsea	396	81916	48025	09810	855//	10705	88620		
Leeming	257	82014	32206	06210	6532/	09715	83708	85615	88540
Tynemouth	262	82018	48026	05610	855//	09609	88620		
Carlisle	222	72414	66206	04614	35472	12703	82712	84362	87070
Valley	302	82120	62012	09213	1557/	13227	81625	88465	
Ringway	334	82211	66022	09016	6547/	13116	82715	86630	88360
Squires Gate	318	82516	65016	07813	2547/	13212	81615	88360	
Ronaldsway	204	82210	63036	07313	6547/	11326	81712	84618	85630
Mull of Galloway	131	61819	80018	05013	636//	11223	86930		
Eskdalemuir	162	82310	40215	04310	871//	10503	88702		
Prestwick	135	62516	66212	03613	48432	11314	82714	83818	
Abbotsinch	140	72905	18586	03208	7823/	08302	81704	83708	86618
Leuchars	171	81306	59216	02508	852//	08625	81705	86707	88613
Dyce	091	81517	45636	03408	872//	07731	82704	85706	88710
Lerwick	005	86416	80028	08006	5242/	02718	85814	88460	
Wick	075	81522	56636	02107	872//	06730	86705	88708	
Sule Skerry	010	81437	58626	00408	874//	07740	88710		
Cape Wrath	049	81420	66606	96107	855//	05738	88620		
Stornoway	026	72521	66216	95411	784//	10522	82710	87635	
Benbecula	022	72318	64028	97511	784//	09229	83818	84625	87635
Tiree	100	32420	60016	00112	38400	11228	81816	83628	
Aldergrove	917	72511	70026	05912	68432	09233	82815	85624	
Malin	980	72625	80038	03413	584/2	09233	85818	84070	
Belmullet	976	82321	72038	05613	55476	09124	83718	83637	85459
Birr	965	82208	66032	09913	764/2	09226	84715	86638	87060
Dublin	969	82623	68036	07613	2647/	09120	82717	88459	
Shannon	962	82316	80032	10213	6543/	09222	81710	83645	86362
Roches Point	952	72312	65015	12513	2647/	11118	81712	87460	
Valentia	953	82314	70022	11714	1647/	10214	81717	88640	

OBSERVATIONS at 18h. 2 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	82608	61025	14714	863//	14707	84706	88708	
Hurn	862	82312	50607	15515	872//	14509	85705	88707	
Thorney Island	871	82413	58602	16314	872//	14803	81704	84705	88707
Manston	797	82315	66026	14515	3547/	13004	83615	88360	
Gatwick	776	82312	56026	15214	863//	14001	85706	87708	88712
Kew	775	82307	70032	14115	864//	13202	83710	88715	
Heathrow	772	72215	70012	13915	3547/	13000	83616	87362	
Honington	586	82514	62036	11815	8097/	10207	82359	88462	
Wattisham	590	82115	64032	12615	8097/	11208	88463		
Gorleston	497	82310	60022	11815	1157/	12207	81820	88360	
Aberporth	502	82415	56052	12211	4547/	10808	81710	84656	88459
Ross-on-Wye	627	72414	66022	13113	35612	09603	88630	86460	
Filton	628	72511	59056	14213	35432	11801	81712	83650	85362
Rhoose	715	72509	56026	14213	16271	12000	81705	86362	87075
Chivenor	707	72407	59026	14413	5547/	12709	81710	85640	87460
Mount Batten	827	82212	14636	16013	870//	13711	88701		
St. Mawgan	817	82107	19605	15314	870//	14812	84700	88701	
Scilly	804	92308	01616	15713	9////	13708	89/00		
Culdrose	809	92410	01636	15813	9////	13810	89/00		
Guernsey	894	82312	01596	17914	870//	14809	88700		
Elmdon	534	72413	63022	12113	2553/	09007	82624	87359	
Cardington	559	82514	56052	13014	8097/	11209	86360	88462	
Wittering	462	72611	74022	11713	39972	09211	83360	87075	
Watnall	354	72613	62015	11113	25708	09210	82650	87272	
Shawbury	414	82310	69022	11812	5552/	09005	82625	85650	88460
Finningley	360	82915	66012	09814	1557/	10112	81628	88458	
Kilnsea	396	82712	58022	10013	3567/	10211	82630	88460	
Leeming	257	72820	77022	08013	655/2	08109	86622	87075	
Tynemouth	262	82612	58022	06413	856//	08309	88630		
Carlisle	222	82312	61026	07412	4562/	09010	84645	88463	
Valley	302	82014	66022	10813	2557/	11802	82625	88463	
Ringway	334	82407	62028	11013	855//	09209	86622	88640	
Squires Gate	318	82312	65022	10411	5542/	11306	81615	85630	88461
Ronaldsway	204	82313	65022	08913	884//	10808	81818	88656	
Mull of Galloway	131	82520	74022	07311	2562/	09104	82635	88460	
Eskdalemuir	162	82320	59608	06309	854//	08207	84712	88633	
Prestwick	135	82209	64028	05710	48518	08002	83820	83646	87270
Abbotsinch	140	82311	62258	04810	4847/	08004	82818	84645	88464
Leuchars	171	72420	66026	02810	15602	07303	81630	87070	
Dyce	091	62207	65026	02007	35402	06305	81712	83635	85068
Lerwick	005	81325	62636	01904	7742/	03733	87710	88540	
Wick	075	32310	74016	99008	35500	07504	81620	83640	
Sule Skerry	010	31919	74016	96110	33400	09705	83915		
Cape Wrath	049	52322	81018	96409	53500	07705	85920		
Stornoway	026	22114	80028	97609	22500	07203	82820		
Benbecula	022	72415	66258	98810	785//	07703	83820	87640	
Tiree	100	72221	62031	00911	754//	08804	82710	87630	
Aldergrove	917	82011	66028	06711	2557/	08001	82625	88462	
Malin	980	72323	75012	03411	4847/	07805	82818	84645	87462
Belmullet	976	82127	65605	03012	6647/	10825	84713	83718	87458
Birr	965	81808	66022	08812	6642/	08817	86716	87458	
Dublin	969	82408	70022	09112	5547/	08805	82714	84650	88460
Shannon	962	81909	70022	08612	3567/	09720	83645	88459	
Roches Point	952	82110	50606	11911	3567/	11708	83635	88458	
Valentia	953	81913	60606	08412	4642/	11832	84710	88557	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	95161	000	d_o	d_orrr_o
Hurn	862	01162	000	r_or	r_or
Thorney Island	871	02161	000	rr_od	rr_o
Manston	797	91161		$r_or_oir_o$	$ir_or_or_o$
Gatwick	776	01151	000	rr_oddr_o	r_or_o
Kew	775	91171	000	r_or	r_o
Heathrow	772	91171	000	$r_or_od_or_o$	$r_od_or_o$
Honington	586	97161		ir_o	+
Wattisham	590	97161	000	r_o	+
Gorleston	497	00160	000	+	+
Aberporth	502	92141	000	+	r
Ross-on-Wye	627	00171	001	+	+
Filton	628	95151	000	$dr_od_or_o$-r_o	+
Rhoose	715	91151	000	ir_o	+
Chivenor	707	01151	000	id_oir_o	ir_or
Mount Batten	827	07151	000	r_or_o	rrRR
St. Mawgan	817	07152	000	id_oif	$id_offrrRR$
Scilly	804	10142	000	ir_off	$ffir_orr$
Culdrose	809	09142	000	$FFir_orr$	$rrir_o$
Guernsey	894	14151	000	d_or_ofdr	$drFf$
Elmdon	534	00161	000	+	jp
Cardington	559	97161	000	r_or_o-r_o	+
Wittering	462	00161	000	+	+
Watnall	354	97161	000	ffd_o	+
Shawbury	414	97161	000	ir_o	+
Finningley	360	00171	000	+	+
Kilnsea	396	92151	000	id_o	+
Leeming	257	95151	000	d_or	+
Tynemouth	262	01151	000	r	+
Carlisle	222	01151	002	r_oRd_o	+
Valley	302	01141	000	+	r_or_o
Ringway	334	97161	000	pr_o	+
Squires Gate	318	93131	000	$r_odr_od_or_o$	r_o
Ronaldsway	204	97141	000	+	r_o
Mull of Galloway	131	00131			
Eskdalemuir	162	01121	000	$r_or_oid_opr_o$	ir_o
Prestwick	135	94141	003	ir_opr_o	pr_o
Abbotsinch	140	07121	001	$d_or_odrr_opr_o$	pr_oirpr_oir
Leuchars	171	03101	001	$drRrd_or_o$	r_o
Dyce	091	05101	000	$RRrrr_or_o$	+
Lerwick	005	11072	000	pr_o	~~rrRR~~ rrRR
Wick	075	14101	004	r_or_oRRrr	r_or_o
Sule Skerry	010	13101			
Cape Wrath	049	08102	000	ir_o	pr
Stornoway	026	07112	006	ir_oRR	pr
Benbecula	022	02132	025	r_oRpr_o	pr_o
Tiree	100	03131	022	DR	phr
Aldergrove	917	91131	005	$d_or_opr_o$	+
Malin	980	9713	019		
Belmullet	976	9313	001		
Birr	965	0013	000		
Dublin	969	9715	000		
Shannon	962	0014	000		
Roches Point	952	9714	000		
Valentia	953	9614	000		

Code FM 21.D **OCEAN WEATHER STATION REPORTS at 12h.**

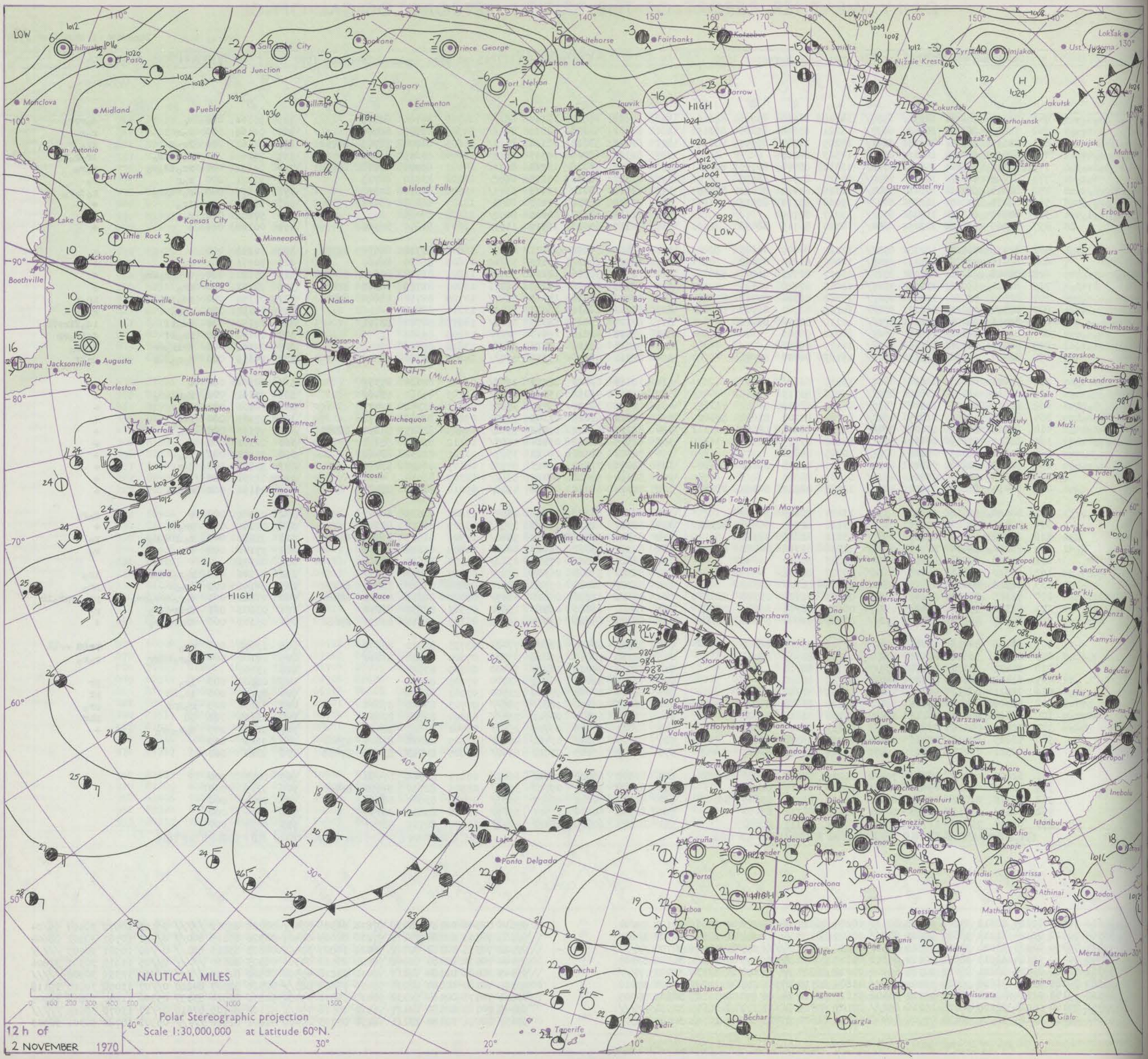
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70338	02124	80512	97808	99705	894//	00209	86912	82818	05104	10669	30101	99/04
B	99565	70510	02124	81212	96687	97601	873//	00609	88708	/////	0//01	10553	30502	12805
C	99527	70354	02123	63020	97022	09505	62500	11230	86830	/////	0//01	10724	30706	/////
D	99440	70410	02124	62912	98022	20212	65502	00217	86630	/////	0//05	11661	30302	33705
E	99351	70482	02124	60221	98022	20318	62500	00218	86820	/////	0//11	12338	31007	/////
I	99589	70185	02124	71818	96586	78209	6747/	21804	86710	87359	0//08	11047	30604	07010
J	99532	70172	02124	42522	98028	02111	21402	51017	82816	84068	05108	11269	30809	30905
K	99451	70160	02124	82128	96026	19218	852//	00107	83705	88611	0//17	11655	30911	/////
M	99661	10019	02124	51907	98038	07904	49440	00206	81910	83815	05701	10762	30301	35905

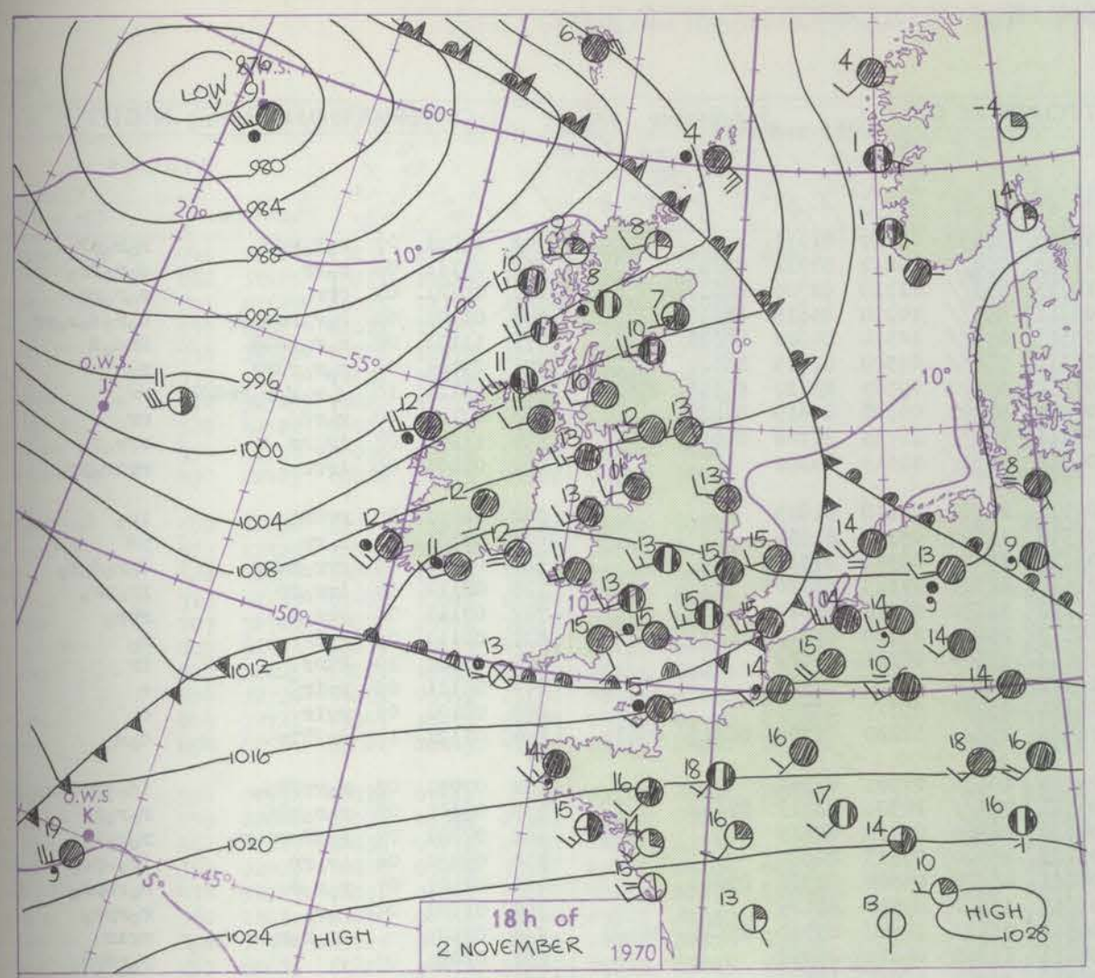
OCEAN WEATHER STATION REPORTS at 18h.

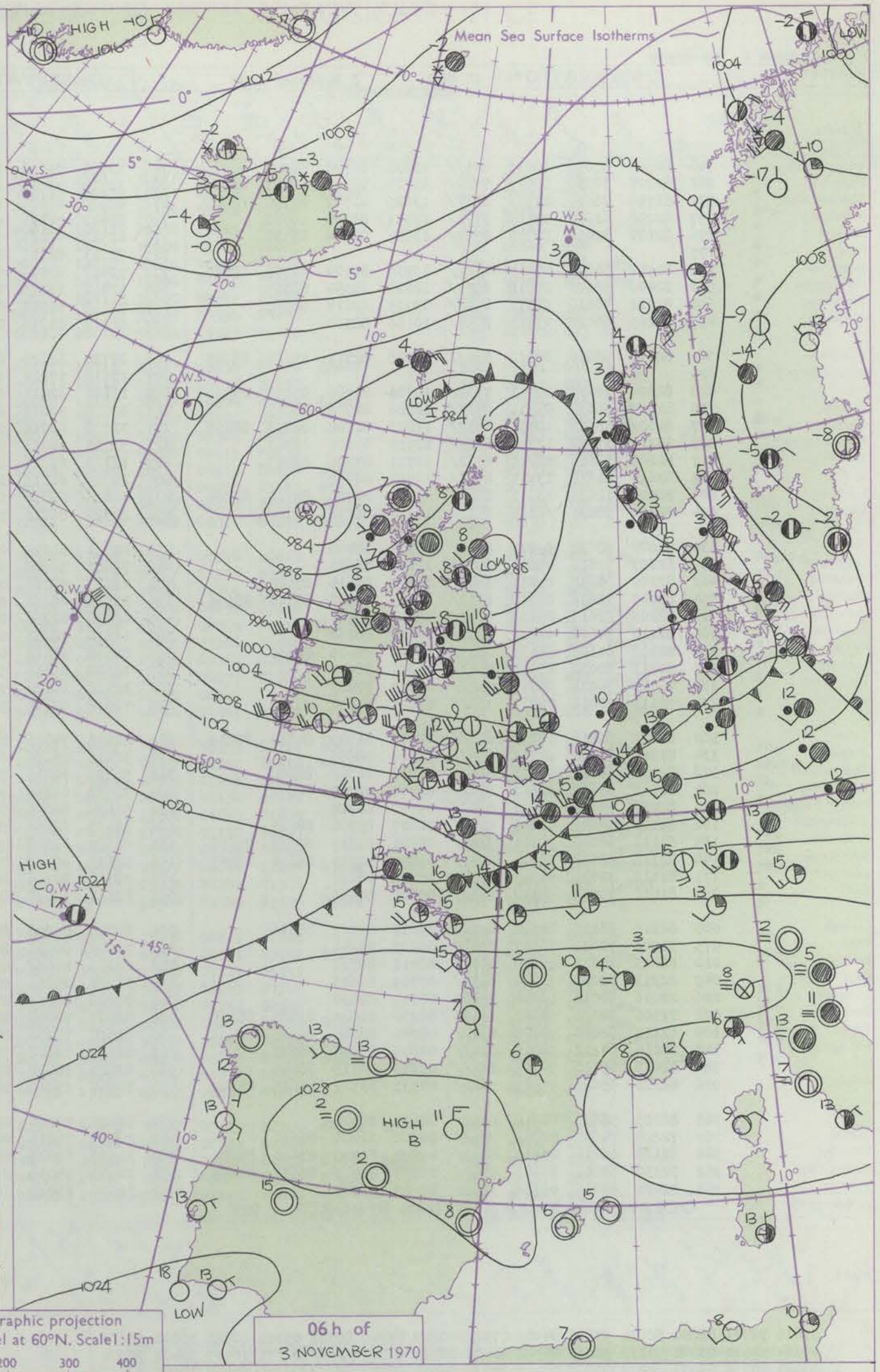
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70340	02184	81030	97818	00306	894//	00208	88912	/////	05103	10672	30404	99/04
B	99565	70511	02184	73614	97216	00603	62401	00322	86815	840//	0//51	10581	30502	08604
C	99528	70355	02183	82722	98021	10807	31407	00603	83815	882//	0//00	10901	30705	/////
D	99440	70410	02184	62908	98022	20512	64500	00303	86630	/////	0//05	11615	30301	31806
E	99349	70482	02184	40217	98011	21218	45500	00502	84625	/////	0//10	12339	30906	/////
I	99589	70184	02184	82036	95636	78608	883//	00320	82707	84810	0//07	11058	30810	19118
J	99531	70175	02184	52332	98018	96811	39480	51836	83914	83357	05306	11240	30810	19905
K	99448	70162	02184	82127	96512	18518	752//	51102	81705	87610	0//17	11678	30912	/////
M	99657	10021	02184	23111	98251	07703	29400	41802	81910	/////	05901	10782	30301	32903

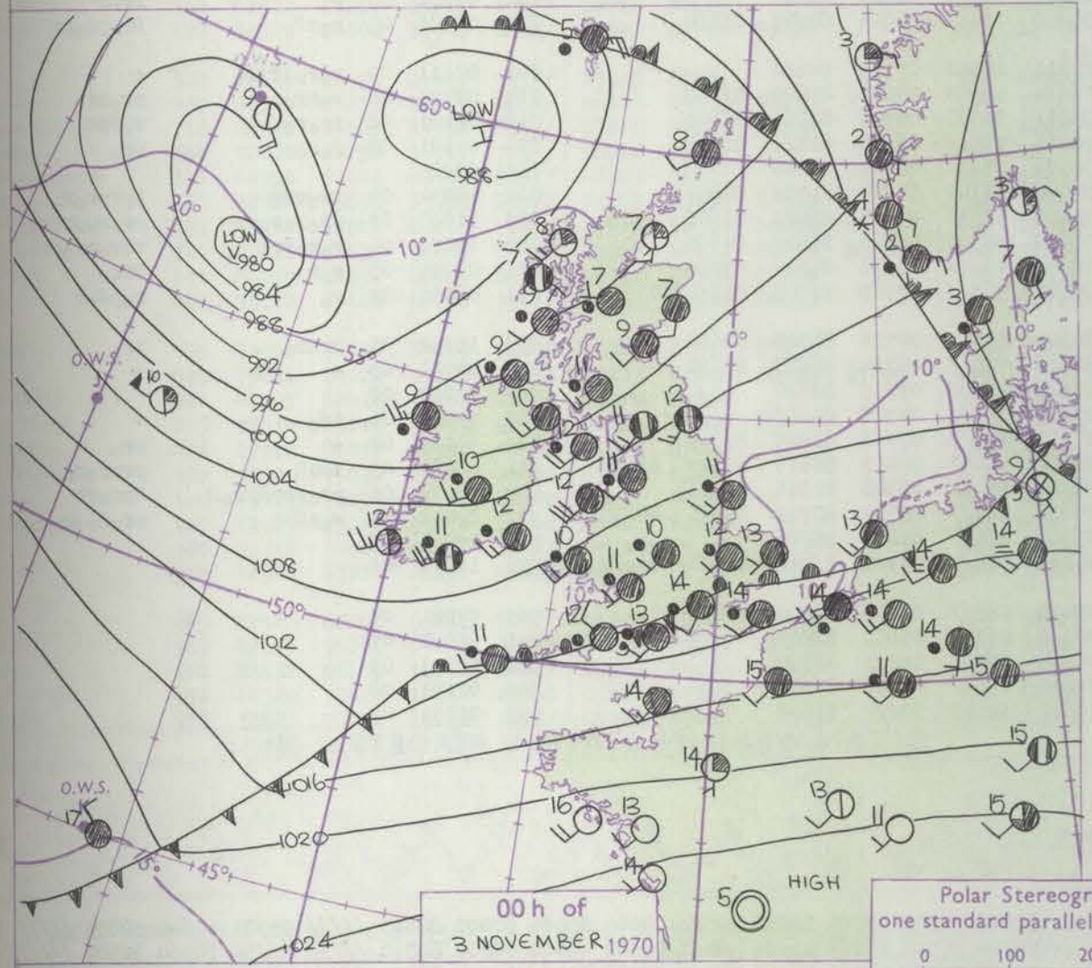
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 3 November 1970

The intense depression in the Atlantic to the northwest of the British Isles has been the dominant feature over the past 24 hours. Associated fronts moved eastwards across the country but have been slow to clear southern areas. The depression became complex and by the end of the period the main centre was being transferred eastwards into Scotland. This eastward movement is expected to continue but a further fall of pressure is expected in the northern Atlantic later.

Code FM 11.D **OBSERVATIONS at 00h.** 3 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	82510	59636	10013	871//	13835	86702	88704	
Hurn	862	82207	30586	10413	7722/	13735	83705	86707	88515
Thorney Island	871	81705	28636	11513	851//	13825	81702	86706	88620
Manston	797	82208	62612	12214	3732/	13721	83709	88458	
Gatwick	776	82107	32656	10913	2722/	13837	82704	88538	
Kew	775								
Heathrow	772	81911	56636	09714	4722/	13736	81704	84706	88545
Honington	586	82406	58622	10512	6577/	10814	86650	88359	
Wattisham	590	82711	58616	11311	854//	09715	82618	88650	
Gorleston	497	82205	60022	10913	8097/	10106	88360		
Aberporth	502	82114	56636	08410	854//	09728	82711	85630	88645
Ross-on-Wye	627								
Filton	628	82304	48636	10111	7532/	10724	84706	87616	88532
Rhoose	715	82003	56636	09611	853//	10826	82706	88645	
Chivenor	707	81607	58616	10311	4532/	11823	81708	84638	88459
Mount Batten	827	83211	37636	12312	870//	12515	84701	88703	
St. Mawgan	817	82208	58616	12211	4732/	11711	83706	88459	
Scilly	804	82611	61616	13511	873//	11704	88709		
Culdrose	809	80000	12636	13111	860//	10509	82700	83702	88704
Guernsey	894	82226	58026	14114	863//	14720	83706	88708	
Elmdon	534	82007	58632	09210	8092/	09727	88458		
Cardington	559	82207	59616	09811	856//	11831	88633		
Wittering	462	82209	58652	09411	3542/	10823	83614	88540	
Watnall	354	82207	48636	08610	8732/	10723	83708	85710	88556
Shawbury	414	82205	62616	07810	8082/	08831	88557		
Finningley	360	82110	74602	07712	8097/	10721	88460		
Kilnsea	396	82316	61606	09411	2557/	10610	82625	88460	
Leeming	257	82211	80032	05412	856//	06821	88637		
Tynemouth	262	72013	66022	04712	755//	07617	87625		
Carlisle	222	72113	70012	02911	757//	07727	87650		
Valley	302	82029	66216	05212	853//	10735	81709	84630	88638
Ringway	334	81912	63602	07311	856//	09728	88645		
Squires Gate	318	82212	68616	05511	856//	10834	81640	88650	
Ronaldsway	204	82122	65616	02812	854//	09742	81712	88640	
Mull of Galloway	131	82038	74602	99911	864//	09749	88712		
Eskdalemuir	162	82120	58606	01409	873//	08627	83706	88710	
Prestwick	135	82114	68608	99311	7847/	08841	81819	84637	85656
Abbotsinch	140	82118	62638	98711	854//	09847	82715	86620	88645
Leuchars	171	82112	70036	99309	855//	06725	88620		
Dyce	091	81810	75032	98907	656//	05823	86639		
Lerwick	005	82111	66216	94908	853//	07631	84707	88616	
Wick	075	31908	70021	96507	35600	06723	83640		
Sule Skerry	010	82013	74616	94610	874//	08711	88710		
Cape Wrath	049	62313	82035	92809	655//	07729	86625		
Stornoway	026	22016	80018	93808	25600	06725	82630		
Benbecula	022	71506	80036	93907	15576	06736	81625	83365	86275
Tiree	100	82112	62608	94809	854//	08741	82714	88645	
Aldergrove	917	82014	64212	98910	854//	08849	85714	88622	
Malin	980	82012	75616	96209	864//	07846	84715	88640	
Belmullet	976	82323	65626	97509	5642/	07531	83717	85635	88550
Birr	965	82215	58636	02810	8062/	08630	88540		
Dublin	969	72220	74606	02011	785//	08742	81820	86650	
Shannon	962	62128	66216	03210	4542/	09727	81718	83650	85260
Roches Point	952	72330	60606	06911	6547/	10722	82711	86634	87459
Valentia	953	32428	65016	06712	32500	07502	83823		

OBSERVATIONS at 06h. 3 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	53024	74256	10510	38432	08217	81712		
Hurn	862	72514	70016	11613	754//	10217	82712	87650	
Thorney Island	871	82620	62026	10713	853//	11119	82706	88612	
Manston	797	82412	74216	08111	854//	10218	83618	88650	
Gatwick	776	82516	62026	09312	855//	10310	84620	88628	
Kew	775	72513	82016	08213	754//	09309	82715	86620	
Heathrow	772	72417	80016	07912	65502	09307	83622	85656	87075
Honington	586	52416	66216	04811	55402	09608	82615	84630	
Wattisham	590	72618	60016	05211	753//	10713	82708	86614	
Gorleston	497	62312	60216	04011	6091/	10619	86360		
Aberporth	502	22730	62026	07311	28500	06118	81825		
Ross-on-Wye	627	12610	77026	07910	15600	05310	81630		
Filton	628	12122	62016	09212	15400	06312	81710		
Rhoose	715	22725	70016	09612	22500	07313	82820		
Chivenor	707	32728	82018	11612	32500	07316	83820		
Mount Batten	827	32723	66016	14512	28401	09320	81814		
St. Mawgan	817	12123	69016	14612	15500	08321	81628		
Scilly	804	22923	61016	16311	26300	09222	82708		
Culdrose	809	22823	64016	15111	25200	09317	81704		
Guernsey	894	82524	81216	16413	853//	12220	83708	86712	87635
Elmdon	534	12521	81016	05109	10930	07501	81362		
Cardington	559	72621	59606	05912	754//	10301	83713	87638	
Wittering	462	22617	74216	04310	28500	07510	81825		
Watnall	354	32514	66216	03109	25520	07513	82620		
Shawbury	414	42520	82256	04011	48500	05304	82828	83640	
Finningley	360	12116	78216	01011	15500	09520	81625		
Kilnsea	396	82328	61616	00511	7542/	10742	83710	85625	88460
Leeming	257	12624	85016	98111	11400	04617	81818		
Tynemouth	262	32720	61026	96210	36400	06634	83710		
Carlisle	222	72618	62806	95408	734//	06814	84917	83630	
Valley	302	22538	74016	02311	28502	07105	82822		
Ringway	334	52412	75036	02210	58500	05604	82820	83630	
Squires Gate	318	52639	70036	99911	58500	06706	82825	84643	
Ronaldsway	204	72532	62256	98211	785//	06500	83822	86628	
Mull of Galloway	131	52634	84036	94509	556//	06707	85640		
Eskdalemuir	162	52433	62256	94006	58300	04614	81709	84826	
Prestwick	135	62527	62808	93209	5853/	04705	82822	83643	
Abbotsinch	140	52319	80256	91908	58500	05506	81822	84645	
Leuchars	171	72420	80216	88908	4557/	06638	84622	87359	
Dyce	091	82111	59628	86608	783//	07769	81708	83710	86620
Lerwick	005	80000	66606	89606	853//	04726	84708	88620	
Wick	075	72902	80031	88508	755//	06734	84623	87650	
Sule Skerry	010	22005	81016	87909	25500	07725	82620		
Cape Wrath	049	32304	85011	87808	35500	04728	83625		
Stornoway	026	80000	80251	87907	885//	07718	83825	88635	
Benbecula	022	82207	70608	88309	5847/	06613	81816	85647	88460
Tiree	100	62510	75256	88707	684//	06808	82816	85633	
Aldergrove	917	82319	62808	95208	884//	06712	83711	85816	88626
Malin	980	82324	70628	89708	864//	07829	88716		
Belmullet	976	72644	75218	96311	734//	07101	83714	84921	86632
Birr	965	52422	72256	03410	585//	05308	82020	84635	
Dublin	969	22430	75018	00710	22500	05801	82825		
Shannon	962	32530	60028	06211	33500	05223	83920		
Roches Point	952	12523	75036	09610	15602	05116	81635		
Valentia	953	32630	65018	10612	32500	08224	83823		

OBSERVATIONS during NIGHT

Station	iii	RRT T_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	15091	07	r_or_orrR	r_or_opR
Hurn	862	05111	09	r_oRr	$d_or_orr_o$
Thorney Island	871	09121	09	rrr_o	r_or_orr
Manston	797	08101	09	$r_or_orrd_od_o$	$d_or_od_or_orr$
Gatwick	776	11101	08	r_or_orRDR	Rrd_od
Kew	775	09111	09	r_or_orRrr	r_o
Heathrow	772	08111	10	$d_or_or_or_orrRDR$	rr_o
Honington	586	07101	08	r_orR	rr_o
Wattisham	590	11091	07	ir_orr	rrr_or_o
Gorleston	497	07101	09	irrr	$rrir_opr_o$
Aberporth	502	06091	09	$rrRRir_o$	ir_o
Ross-on-Wye	627	07101	07	r_orr	pR
Filton	628	06111	09	$rrr_or_od_or_o$	$d_or_od_or_o$
Rhoose	715	08112	10	irr_orr	ir_opr_o
Chivenor	707	07111	09	rrr_or_o	rpr_o
Mount Batten	827	06111	09	rrR	r_o
St. Mawgan	817	13101	10	RRrr	ir
Scilly	804	05111	09	$rrir_o$	+
Culdrose	809	08101	06	rrir	+
Guernsey	894	01121	12	drFFir	d_od_o
Elmdon	534	07091	07	r_orrRRd_o	$id_odrrrRr_o$
Cardington	559	09101	08	r_or_orR	r_or_or
Wittering	462	07091	07	$r_oRRrrr_or_o$	$r_or_od_o$
Watnall	354	05091	06	ir_orr	ir_o-pr_o
Shawbury	414	03101	07	r_or_or	r_orRpr_o
Finningley	360	01101	08	r_or_o	r_orpr_o
Kilnsea	396	03101		$ir_or_or_o$	rrir
Leeming	257	03091	07	+	r_orRpr_o
Tynemouth	262	03071	05	+	rrpr
Carlisle	222	08081	07	r_orR	Rr_opr_opr
Valley	302	02111	09	$r_or_oirir_o$	+
Ringway	334	03091	08	r_orr_o	rr_opr_o
Squires Gate	318	02101	08	rr_or_o	r_oRpr_o
Ronaldsway	204	01101	08	r_or_o	pr_o
Mull of Galloway	131	02081			
Eskdalemuir	162	14052	04	ir_orrR	$Rprpr_or$
Prestwick	135	11081	07	$pr_or_or_orr$	$rrpr_oprpr_o$
Abbotsinch	140	15072	06	r_or_orrR	rrr_opr_oprR
Leuchars	171	05071	05	r_oR	Rrr_o
Dyce	091	06051	02	r_o	r_opRrr
Lerwick	005	11052	03	$rrir_o$	ir_o
Wick	075	00051	03	+	+
Sule Skerry	010	07080	02		
Cape Wrath	049	97071	06	id_o	+
Stornoway	026	94031	00	+	pr_o
Benbecula	022	09061	05	iRpR	$prrr_or_o$
Tiree	100	17072	05	$pr_oprpRrr_oR$	Rpr_orr
Aldergrove	917	07072	05	r_orR	pr_or_o-r_or_o
Malin	980	17081	06		
Belmullet	976	11071	06		
Birr	965	07081	07		
Dublin	969	91081	07		
Shannon	962	07091	09		
Roches Point	952	02101	08		
Valentia	953	01101	09		

Code FM 21.D **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70341	03004	80931	97606	04405	7732/	00229	87709	88528	05303	10663	30808	/////
B	99564	70511	03004	53315	98012	04702	22401	00215	82815	/////	0//51	10549	30402	99/04
C	99523	70356	03003	82222	97808	08708	825//	00814	88830	/////	0//05	10940	30605	/////
D	99439	70409	03004	72616	98032	21214	75500	00802	87630	/////	0//09	11671	30302	31805
E	99352	70483	03004	30320	98020	22019	32400	00208	83815	/////	0//12	12330	30705	/////
I	99587	70185	03004	11418	98026	84908	15400	00238	81610	/////	0//05	11058	30705	19114
J	99530	70180	03004	32850	98030	02610	33400	51357	83914	/////	05508	11302	30815	19906
K	99451	70158	03004	83011	96015	23216	757//	11213	87650	/////	0//13	11668	30000	21909
M	99657	10020	03004	73306	97801	04802	69470	00719	84910	/////	05902	10748	30301	32903

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70340	03064	80830	97026	04005	85400	00400	88613	/////	05301	10640	30808	/////
B	99564	70510	03064	43424	98261	06502	48400	00207	82810	/////	0//50	10560	30504	/////
C	99523	70355	03063	82530	97025	07308	815//	00309	88825	/////	0//04	11012	30706	/////
D	99440	70410	03064	32512	98021	20014	34500	00805	83620	/////	0//10	11676	30301	31805
E	99351	70476	03064	50315	98021	21818	51400	00806	85818	/////	0//11	12282	30604	/////
I	99588	70186	03064	13610	98020	94809	15600	00250	81630	/////	0//05	11058	30301	99/10
J	99528	70184	03064	12840	98010	11110	12400	51339	81818	/////	05606	11310	30817	21910
K	99452	70157	03064	70104	97031	25016	757//	00306	87650	/////	0//12	11666	30000	21907
M	99652	10023	03064	51206	97038	99103	32470	00727	83810	/////	05801	10744	30201	32902

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39794

Date of Issue Wednesday 4 November 1970

OBSERVATIONS at 12h. — 3 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	72824	69031	13213	785//	06006	84822	86633	
Hurn	862	32515	78011	14814	22501	07010	82820		
Thorney Island	871	22625	66021	14713	12508	07010	81820		
Manston	797	22423	82021	10713	11502	07001	81825		
Gatwick	776	32520	70026	12513	31502	07004	83825		
Kew	775	52415	74031	10614	52600	06802	85830		
Heathrow	772	32525	70021	11014	32600	06004	83830		
Honington	586	42522	80011	07312	41600	03203	84830		
Wattisham	590	52728	80036	08012	51500	05106	85825		
Gorleston	497	22429	60028	04513	21500	05709	82825		
Aberporth	502	72732	62031	11011	725//	04223	87825		
Ross-on-Wye	627	12720	70021	09913	11600	02107	81830		
Filton	628	42525	66800	12113	48500	05007	83822	83640	
Rhoose	715	62725	62258	13012	62500	06110	86824		
Chivenor	707	72729	69028	15613	725//	07118	87828		
Mount Batten	827	62623	66011	18513	41531	08117	84820	83075	
St. Mawgan	817	32625	69021	18513	18502	06115	81825		
Scilly	804	72723	59021	20312	25602	08216	82630	87075	
Culdrose	809	72721	69051	18913	58402	08115	81710	83628	
Guernsey	894	62524	80022	20413	4253/	08115	84822	85362	
Elmdon	534	72532	68028	07612	786//	03106	85831	85640	
Cardington	559	22628	66036	08313	21400	04000	81818		
Wittering	462	22627	80030	05213	28600	04801	81830		
Watnall	354	72525	78808	03911	785//	05705	85825	85638	
Shawbury	414	52527	78018	06012	58600	05207	81830	85645	
Finningley	360	12631	80018	00812	18600	07802	81830		
Kilnsea	396	52744	63026	99712	48530	04808	82820	84630	
Leeming	257	82630	61808	96411	21467	07803	82815	83360	88270
Tynemouth	262	62522	66258	93311	655//	09718	86625		
Carlisle	222	82325	58808	89909	884//	09842	85712	87820	
Valley	302	72546	62021	04412	725//	07316	87824		
Ringway	334	82324	65258	02211	885//	06808	84825	88630	
Squires Gate	318	82541	65028	99512	885//	07811	84823	88630	
Ronaldsway	204	72640	61252	98011	725//	08306	87827		
Mull of Galloway	131	62750	60022	93609	625//	06303	86825		
Eskdalemuir	162	82324	56638	87408	883//	07851	83708	86820	
Prestwick	135	73242	60808	88208	783//	05518	82708	85818	87630
Abbotsinch	140	83121	57638	90007	884//	05308	82712	84616	88640
Leuchars	171	80207	50652	88007	852//	06712	82704	88624	
Dyce	091	73112	65606	88708	756//	05213	83630	86650	
Lerwick	005	50000	74016	89008	38408	06303	81818	85270	
Wick	075	73211	74022	90109	38408	07223	81818	83635	87270
Sule Skerry	010	42705	82018	90209	41500	06208	84820		
Cape Wrath	049	52710	83012	90809	58500	04224	85820	85625	
Stornoway	026	22918	80011	92909	12562	06235	81820		
Benbecula	022	23120	75018	96210	22402	05263	82816		
Tiree	100	43325	74258	96110	42500	06292	84820		
Aldergrove	917	22925	75018	99811	29400	05365	81915		
Malin	980	73228	70806	99910	734//	072140	87918		
Belmullet	976	42918	67218	06211	434//	09258	81714	83921	
Birr	965	82520	66208	09411	864//	06233	84716	88635	
Dublin	969	82633	75806	04411	885//	06226	87821	85635	
Shannon	962	82632	66808	12511	886//	05238	84830	88650	
Roches Point	952	22729	75020	14612	28400	03220	82817		
Valentia	953	72823	75031	16212	725//	05225	87825		

OBSERVATIONS at 18h. — 3 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	73022	66031	16811	756//	06232	87632		
Hurn	862	42711	70011	18212	48541	06227	81820	83630	
Thorney Island	871	32722	64038	17512	34500	07228	81825		
Manston	797	22617	80030	13911	25600	04325	82635		
Gatwick	776	12620	80011	15311	15600	05226	81645		
Kew	775	22613	74018	14412	25600	05225	82632		
Heathrow	772	12523	70018	13612	15600	05219	81640		
Honington	586	32722	82011	10511	35600	04240	83632		
Wattisham	590	32824	80011	10711	35600	05330	83630		
Gorleston	497	52724	60031	06812	55500	05327	85625		
Aberporth	502	82926	66011	15711	855//	06235	84628	88640	
Ross-on-Wye	627	12514	70021	14411	15600	05239	81630		
Filton	628	72616	66028	16112	785//	04334	81828	87645	
Rhoose	715	22824	64018	16111	25600	06126	82630		
Chivenor	707	52821	69018	18912	52600	05324	85832		
Mount Batten	827	62815	62038	20412	64600	08115	86630		
St. Mawgan	817	72824	66028	20912	785//	05213	84825	87640	
Scilly	804	72916	59022	22212	5557/	09220	85623	87358	
Culdrose	809	72812	62028	21411	6843/	08223	82818	86630	
Guernsey	894	62519	72022	21612	42402	08310	84818	85075	
Elmdon	534	82618	65608	12610	854//	07244	88616		
Cardington	559	72719	64031	12111	756//	05338	87630		
Wittering	462	12722	80018	10611	12500	06245	81828		
Watnall	354	12711	74258	10509	15600	06252	81630		
Shawbury	414	62513	66258	12409	684//	08349	81818	83822	85645
Finningley	360	13020	66028	08410	15600	07166	81640		
Kilnsea	396	22938	66018	05610	25500	05368	82625		
Leeming	257	12913	82028	06509	14500	04277	81820		
Tynemouth	262	02825	66028	03909	00900	06285			
Carlisle	222	12414	74028	06708	18500	04361	81825		
Valley	302	42820	69028	12611	41400	08339	81712	84815	
Ringway	334	72611	62028	10911	784//	08252	86816	85630	
Squires Gate	318	12920	75018	09911	18500	07256	81820		
Ronaldsway	204	22723	82011	08911	28501	06134	81825		
Mull of Galloway	131	13223	80018	08609	11500	06243	81825		
Eskdalemuir	162	12825	78258	04307	11500	03150	81825		
Prestwick	135	22919	75018	06410	28500	04149	81828		
Abbotsinch	140	72424	80038	04609	785//	06246	82825	83638	85656
Leuchars	171	22317	83036	01207	28500	04243	81820		
Dyce	091	52715	84036	99308	58500	03149	81820	85628	
Lerwick	005	12806	66011	93407	18400	04226	81815		
Wick	075	62617	65808	96407	694//	05226	83912	85620	
Sule Skerry	010	53213	74158	94008	53400	07221	85915		
Cape Wrath	049	73224	82038	97407	764//	06245	87715		
Stornoway	026	33216	70258	03007	39400	05362	82915		
Benbecula	022	53320	80018	05708	58400	05249	82818	85635	
Tiree	100	53218	80018	06609	58400	06249	81712	83818	
Aldergrove	917	42712	80038	10109	48500	06237	81820	84630	
Malin	980	62918	75158	09410	635//	07235	86920		
Belmullet	976	72820	70258	13710	6346/	08236	85919		
Birr	965	72512	62258	15609	784//	07329	82714	84820	85637
Dublin	969	22517	82038	12210	28500	08231	82828		
Shannon	962	72720	74258	16811	785//	05225	82822	83630	86645
Roches Point	952	52509	75011	18610	584//	06225	82817	84635	
Valentia	953	73012	75258	19311	725//	07216	87825		

OBSERVATIONS during DAY

Station	iii	RRT	T_x	E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00	13	1	075	+	+
Hurn	862	00	14	1	047	+	+
Thorney Island	871	97	15	1	040	+	pro
Manston	797	00	14	1		+	+
Gatwick	776	00	14	1	069	+	+
Kew	775	97	14	1	066	pro	+
Heathrow	772	97	14	1	057	pro	+
Honington	586	00	13	1		+	+
Wattisham	590	00	13	1	072	+	+
Gorleston	497	00	14	0	073	+	+
Aberporth	502	00	12	1	010	+	+
Ross-on-Wye	627	00	13	1	073	+	+
Filton	628	97	13	1	046	pro	+
Rhoose	715	92	13	1	039	pro	pro
Chivenor	707	97	14	1	027	pro	pro
Mount Batten	827	97	14	1	029	pro	pro
St. Mawgan	817	97	13	1	045	+	pro
Scilly	804	00	14	1	028	+	+
Culdrose	809	92	13	0	030	pro	pro
Guernsey	894	97	13	1	005	+	pro
Elmdon	534	97	12	1	028	pro	proiro
Cardington	559	00	13	1	074	+	+
Wittering	462	97	13	1	068	+	pro
Watnall	354	91	12	1	018	pro	pro
Shawbury	414	94	12	1	041	pro	pro
Finningley	360	94	13	1	058	propr	+
Kilnsea	396	97	12	0	063	propr	pr
Leeming	257	01	12	1	023	propr	+
Tynemouth	262	94	11	1	022	pro	+
Carlisle	222	01	11	1	016	propr	+
Valley	302	97	13	1	016	pro	pro
Ringway	334	01	12	1	002	pro	prpro
Squires Gate	318	92	12	1	008	propr	pro
Ronaldsway	204	97	12	1	039	pro	+
Mull of Galloway	131	91	11				
Eskdalemuir	162	09	09	1	017	rorrpro	pro
Prestwick	135	06	11	1	031	rrpRpro	pro
Abbotsinch	140	09	10	1	021	RRrrroro	pro
Leuchars	171	12	09	1	014	rorRR	+
Dyce	091	91	09	1	009	ro	+
Lerwick	005	93	09	2	023	+	pro
Wick	075	01	09	2	028	pro	propr
Sule Skerry	010	95	10	1			
Cape Wrath	049	92	09	1	020	+	pro
Stornoway	026	95	10	1	024	pro	pro
Benbecula	022	93	10	1	032	pro	pro
Tiree	100	02	11	1	038	rrprpro	pro
Aldergrove	917	92	11	1	037	roroiropro	fsp
Malin	980	04	11		039		
Belmullet	976	05	12		026		
Birr	965	93	11		005		
Dublin	969	97	12		018		
Shannon	962	97	12		014		
Roches Point	952	00	13		055		
Valentia	953	97	12		014		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

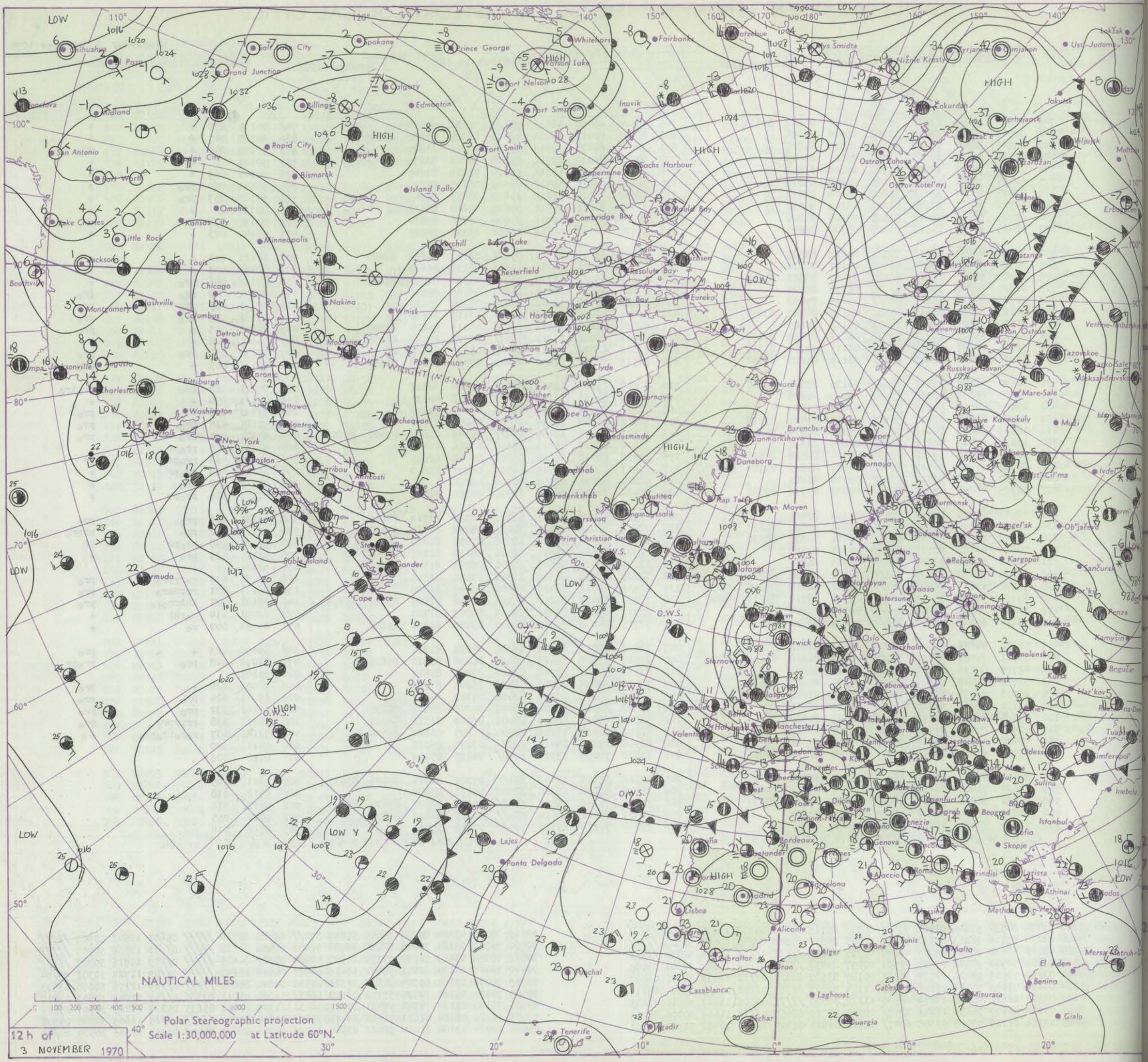
O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99618	70340	03124	80832	97606	01504	7742/	00713	87719	88530	05402	10624	30708	/////
B	99565	70510	03124	63116	98261	07202	42471	00001	84815	83360	0//53	10552	30503	/////
C	99527	70354	03123	42430	98028	09007	42500	00315	84825	/////	0//03	11000	30808	/////
D	99439	70413	03124	52910	98020	20815	41501	00007	84830	/////	0//09	11687	30301	03905
E	99350	70480	03124	50509	98022	22718	35501	00107	83620	830//	0//11	12339	30000	03503
I	99591	70184	03124	71004	97251	01608	38538	11124	82823	86360	0//06	11025	3//00	03010
J	99528	70190	03124	62625	98038	17210	68500	61122	84820	/////	05405	11243	30810	32009
K	99451	70157	03124	81609	96636	26216	2742/	00003	82710	88459	0//13	11668	30000	25205
M	99652	10023	03124	81116	98028	95505	6947/	00711	81915	85820	05501	10782	30301	33801

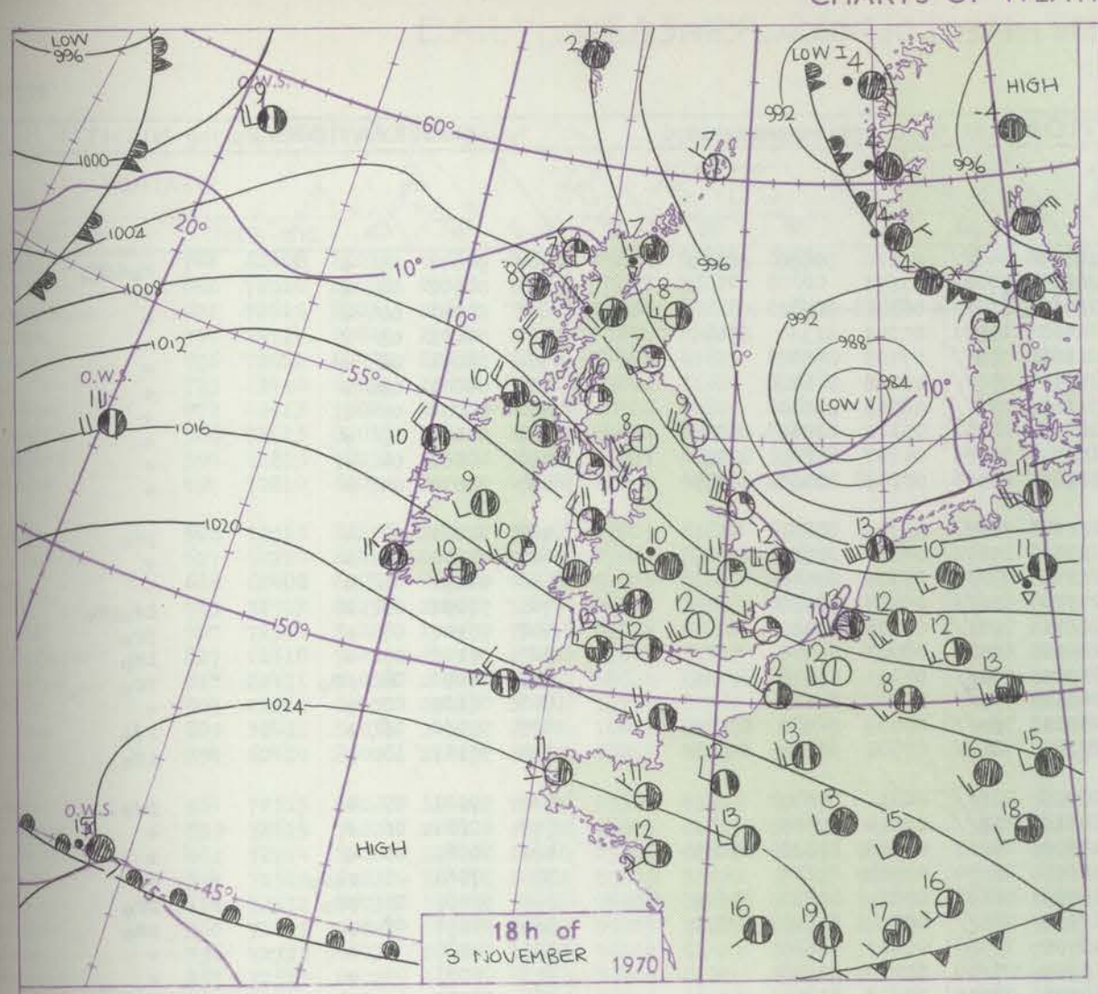
OCEAN WEATHER STATION REPORTS at 18h.

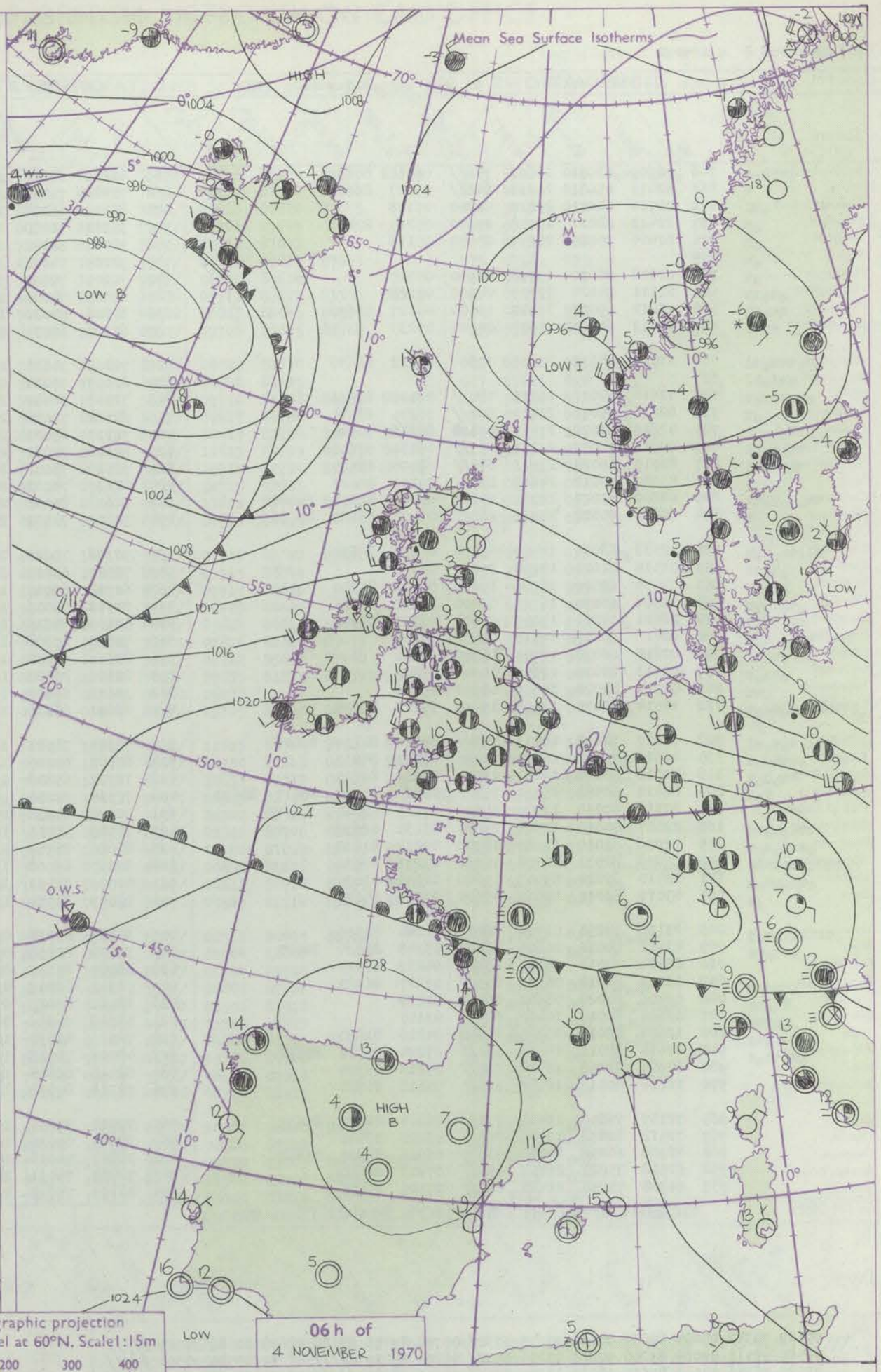
O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99619	70338	03184	80739	96606	95403	874//	09728	88710	/////	05601	10642	30909	/////
B	99566	70511	03184	72915	92868	06700	72401	00508	87812	/////	0//00	10566	30503	/////
C	99527	70356	03183	72533	97158	10907	42502	00322	84825	/////	0//03	10916	30807	/////
D	99440	70410	03184	62412	98022	18616	64501	00714	86630	/////	0//09	11724	30301	99/04
E	99349	70479	03184	60304	98022	21318	65501	00610	86625	/////	0//09	12156	30000	03503
I	99589	70185	03184	72420	97158	01708	6847/	51000	85812	87360	0//07	11049	30503	03010
J	99526	70196	03184	72320	99031	15911	58431	61709	82817	85635	05207	11223	30707	27806
K	99453	70156	03184	81211	96506	24415	772//	00604	87804	/////	0//15	11663	30000	25008
M	99648	10024	03184	81018	98022	93904	3242/	00301	83815	88457	05551	10706	30504	00/00

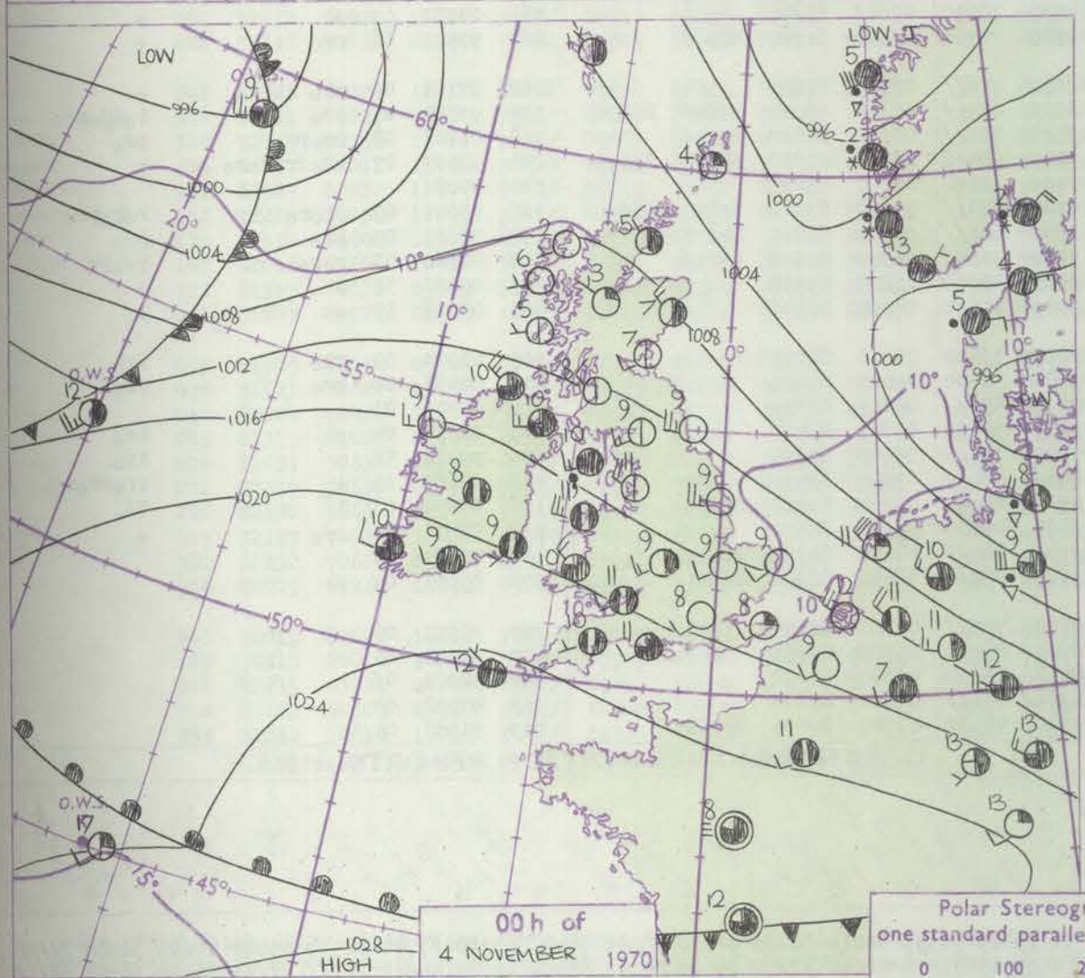
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
Chihuahua
El Paso
Grand Junction
Salt Lake City
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fairbanks
Calgary
Edmonton
Billings
Rapid City
Bismarck
Fort Smith
Inuvik
Coppermine
Sachs Harbour
Cambridge Bay
Maud Bay
Resolute Bay
Eureka
Alert
Barrow
Barter Island
Nižnie Kresty
Tyrjanka
Omjakon
Ust'-Judoma
Lokšak
Jakutsk
Verhojansk
Tokurdan
Ostrov Kotel'nyj
Ostrov Kotova
Ostrov Jeanneny
Ostrov Vrangelja
Russkaja Gavan'
Mys Cetljuskin
Tiksi
Mare-Sale
Salekhard
Aleksandrovskoje
Tazovskoje
Dikson
Barencburg
Dikson Ostrov
Verhne-Imbatskoje
Erbogačen
Vilujsk
Muhtuja
Ust'-Nera
Omolon
Ola
Hatanga
Nordvik
Cape Dyer
Clyde
Pond Inlet
Nanisivik
Arctic Bay
Eureka
Resolute
Mould Bay
Cambridge Bay
Sachs Harbour
Coppermine
Inuvik
Fort Simpson
Fort Smith
Yellowknife
Island Falls
Rapid City
Bismarck
Billings
Grand Junction
Salt Lake City
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Calgary
Edmonton
Regina
Winnipeg
Omaha
Kansas City
Minneapolis
Chicago
Detroit
Toronto
Ottawa
Montreal
Pittsburgh
Washington
New York
Boston
Columbus
Nashville
Little Rock
St. Louis
Lake Charles
San Antonio
Fort Worth
Midland
Jackson
Montgomery
Jacksonville
Augusta
Charleston
Boothville
Tampa
Churchill
Baker Lake
Chesterfield
Nakina
Winisk
Moosonee
Wollingham Island
Fort Chimo
Resolution
Frobisher
Cape Dyer
Lake Harbour
Pond Inlet
Nanisivik
Arctic Bay
Eureka
Alert







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 4 November 1970

An intense depression, forming part of the low complex to the north of the British Isles, moved quickly east across Northern Ireland and northern England yesterday inducing a very strong westerly gradient between the centre and the persistent area of high pressure across France and Spain. The low complex now extends from western Norway to the Baltic and continues to move away eastwards. Another depression southwest of Iceland is moving east expected near the Faeroes by tomorrow morning. An associated cold front about 200 miles west of Scotland is also moving east and by tomorrow morning is expected to have cleared all districts of the British Isles except the extreme south and southeast of England, to be followed by a strong, unstable westerly airstream.

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

No. 39795

Code FM 11.D

OBSERVATIONS at 00h. 4 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72209	62031	20609	756//	06316	87630		
Hurn	862	62411	75031	20311	656//	06107	86639		
Thorney Island	871	02714	64011	21010	00900	07118			
Manston	797	22412	78021	19108	25600	05225	82640		
Gatwick	776	02409	75020	20207	00900	05119			
Kew	775								
Heathrow	772	02308	70020	19308	00900	05125			
Honington	586	02511	74020	17009	00900	05228			
Wattisham	590	12812	69020	17407	15600	05227	81630		
Gorleston	497	02412	60021	15609	00900	07235			
Aberporth	502	63019	74032	20110	65600	06222	86630		
Ross-on-Wye	627								
Filton	628	72610	64021	20011	756//	06111	87636		
Rhoose	715	82816	75031	20411	856//	06215	88635		
Chivenor	707	42816	69021	21511	~~45600~~	~~05614~~	~~84636~~		
Mount Batten	827	72711	74022	23111	757//	06110	87650		
St. Mawgan	817	82919	69028	23511	856//	08209	88630		
Scilly	804	83007	74012	24612	855//	10210	88623		
Culdrose	809	62809	81022	23711	2563/	06109	82630	85360	
Guernsey	894	62811	70022	24012	68502	07008	83825	85636	
Elmdon	534	42513	68036	17409	45600	06222	84632		
Cardington	559	02514	61021	18108	00900	06126			
Wittering	462	12509	69020	16708	15600	05228	81640		
Watnall	354	32509	60030	16707	35500	05222	83626		
Shawbury	414	22511	74011	17009	25600	07221	82640		
Finningley	360	02816	80020	14510	00900	07128			
Kilnsea	396	02818	06020	13709	00900	06231			
Leeming	257	02713	80020	12909	00900	05222			
Tynemouth	262	02725	81020	10409	00900	05248			
Carlisle	222	12514	66030	12909	15600	07126	81635		
Valley	302	72727	74038	18011	714//	09222	82814	86816	
Ringway	335	42613	75018	16210	41400	07223	84813		
Squires Gate	318	12818	70038	15211	11500	08216	81825		
Ronaldsway	204	82514	60588	15310	853//	08120	85709	86617	88623
Mull of Galloway	131	22318	80030	13709	25600	07221	82640		
Eskdalemuir	162	22607	74018	12506	25600	03130	82637		
Prestwick	135	12908	81010	12408	18500	06232	81828		
Abbotsinch	140	72409	82031	11708	756//	05231	87632		
Leuchars	171	12510	85020	09507	15600	02242	81635		
Dyce	091	43017	86011	08007	45500	03248	84620		
Lerwick	005	23115	74258	01704	28400	01244	81816		
Wick	075	43112	80012	06805	48500	03248	81820	84640	
Sule Skerry	010	63424	74018	06107	634//	04237	86915		
Cape Wrath	049	63220	82018	06807	635//	01227	86920		
Stornoway	026	02406	80028	08902	00900	01219			
Benbecula	022	02604	80018	10106	00900	03115			
Tiree	100	12604	82011	10705	11500	04216	81820		
Aldergrove	917	62614	80011	14810	684//	07224	82712	85622	
Malin	980	62924	82258	12810	635//	07216	85920		
Belmullet	976	12616	80018	16509	18500	05112	81820		
Birr	965	72107	70258	19508	735//	06221	82920	87637	
Dublin	969	72512	82038	17909	756//	06221	87630		
Shannon	962	42308	66258	20008	43500	06015	82925	83650	
Roches Point	952	82512	75021	21709	856//	07213	88640		
Valentia	953	62708	75258	21410	625//	07209	86825		

OBSERVATIONS at 06h. 4 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	82810	66026	22309	856//	06110	84630	88640	
862	72408	75011	22611	07206	87656			
871	82612	66021	23011	856// →	06108 →	88641 →		
797	32311	70030	21407	10931	05209	81360	83075	
776	72407	62021	22309	756//	07108	87642		
775	72205	70021	21510	756//	06208	87636		
772	72209	70021	21110	756//	06308	87643		
586	62613	74031	18809	10942	05110	81362	86075	
590	32511	62030	19307	15601	05107	81640	83075	
497	62106	62031	18308	20936	07213	82360	86075	
502	72815	74011	21010	756//	05305	87635		
627	62407	77031	20909	25676	04310	82630	83075	
628	72507	66012	21710	756//	05305	87649		
715	62512	75016	21710	656//	05107	86630		
707	72713	69021	22611	756//	07206	87635		
827	62606	74011	24010	657//	08003	86650		
817	72410	74038	23910	784//	07101	81818	87645	
804	82603	74022	24611	855//	09202	88623		
809	72608	80022	24011	785//	08802	82820	87632	
894	72807	74022	25211	785//	07302	83824	87636	
534	72308	70021	20009	756//	06311	87635		
559	72610	62011	20310	756//	06214	87641		
462	62513	69011	18909	25601	07108	82630	85075	
354	22511	69016	18608	25600	07209	82639		
414	52408	74018	19409	58500	07214	81822	85635	
360	72811	69808	17409	785//	09214	83825	87634	
396	22617	66030	16409	15530	07213	81625		
257	22606	80020	15809	25600	07210	82630		
262	32612	66030	14208	30940	07213	83360		
222	42611	61018	14709	25402	07310	81712	83072	
302	72620	74021	18710	756//	07305	87630		
334	82509	60208	18309	854//	06314	82714	83626	88630
318	72717	65808	17411	785//	08212	84822	87646	
204	72514	82036	17109	58402	06208	81817	85650	87075
131	32722	84030	15409	32500	05207	83825		
162	72710	58216	14107	784//	05307	83710	83823	86638
135	62616	75258	13809	684//	07111	82814	84820	
140	32107	82018	13108	32300	06307	81708	83816	
171	52706	82031	12003	55700	02209	85656		
091	12509	86030	11003	15600	00108	81645		
005	32810	83038	06203	33400	50216	81912		
075	32303	80258	09204	38500	03005	81820		
010	63209	81031	07807	634//	03204	86915		
049	52712	82012	07907	53500	02702	85920		
026	12112	80020	07907	15600	06708	81630		
022	62312	74256	08909	684//	07804	85819	84630	
100	72516	81038	10909	29462	06002	81918	86075	
917	42414	70018	16008	45600	06308	84630		
980	82418	82808	13709	835//	07003	84920	84640	
976	72318	80038	15010	685/2	07709	81820	86635	
965	72008	70031	19507	756//	06202	87635		
969	22411	80031	18607	25700	05303	82650		
962	32007	70018	19208	15630	07806	81640		
952	72404	75031	21308	756//	07801	87638		
953	82109	75028	20110	45672	07707	84635	85359	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97071	05	+	$r_od_or_o$
862	00101	08	+	+
871	00101	08	+	+
797	00071	03	+	+
776	00051	02	+	+
775	00081	03	+	+
772	00071	05	+	+
586	00071	05	+	+
590	00061	04	+	+
497	00070	04	+	+
502	97081	07	+	p_{r_o}
627	00071	05	+	+
628	00091	06	+	+
715	97091	08	+	$i_{r_o}p_{r_o}$
707	97101	07	+	p_{r_o}
827	91101	07	+	i_{r_o}
817	01091	08	p_{r_o}	p_{r_o}
804	00101	07	+	+
809	97090	06	+	i_{d_o}
894	97111	10	+	i_{r_o}
534	97091	07	+	p_{r_o}
559	00081	06	+	+
462	00081	05	+	+
354	97061	02	r_od_o	d_o
414	92081	05	p_{r_o}	p_{r_o}
360	92091	07	+	p_{r_o}
396	00080		+	+
257	00071	03	+	+
262	00081	03	+	+
222	97081	06	p_{r_o}	+
302	97101	09	p_{r_o}	+
334	93081	07	p_{r_o}	$r_od_op_{r_o}$
318	01101	08	$p_{r_o}p_r$	p_{r_o}
204	93091	07	$p_{r_o}d_{r_i}d_{o_r o}$	+
131	00081			
162	93041	00	$p_{r_o}r_o$	$r_or_op_{r_o}$
135	95081	05	p_{r_o}	p_{r_o}
140	02061	03	r_or_o	$p_{r_o}p_r$
171	00021	52	+	+
091	00021	52	+	+
005	01021	00	p_{r_o}	p_{r_o}
075	92031	00	p_{r_o}	p_{r_o}
010	93071	01		
049	91051	04	+	i_{r_o}
026	97011	52	+	i_{r_o}
022	92031	51	+	$i_{r_o}p_{r_o}r_o$
100	95051	01	p_r	p_{r_o}
917	97071	05	p_{r_o}	+
980	01081	07		
976	95091	07		
965	91071	05		
969	91071	05		
962	92071	06		
952	97071	04		
953	91081	05		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70342	04004	80637	97606	93303	7732/	00708	87708	88528	05650	10666	30909	/////
B	99565	70510	04004	83206	92868	07201	823//	00204	88807	/////	0//52	10540	30301	/////
C	99525	70356	04003	82630	98022	12306	825//	00212	38825	/////	0//03	10907	30707	/////
D	99439	70410	04004	22209	98021	18915	21500	00705	82830	/////	0//08	11680	30301	99/03
E	99348	70478	04004	30000	98020	20918	34500	00002	83620	/////	0//09	12125	30000	02402
I	99588	70186	04004	62523	97218	96009	5837/	51641	81708	83812	0//07	10991	30604	03010
J	99525	70203	04004	42224	98031	14612	48400	51608	81818	83630	05010	11264	30706	30805
K	99452	70156	04004	32112	96016	24017	36200	00804	83705	/////	0//17	11640	30000	25008
M	99643	10029	04004	80717	97212	94405	6842/	00004	83810	85620	05602	10832	30504	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70339	04064	80235	97616	93904	7742/	00210	87710	88529	05402	10620	30909	/////
B	99565	50510	04064	32804	98028	06301	52400	00707	85812	/////	0//51	10484	30301	/////
C	99528	70353	04063	82520	97615	13997	815//	00204	88825	/////	0//05	11251	30805	/////
D	99440	70411	04064	42209	98021	16604	44500	00614	84625	/////	0//08	11684	30301	99/03
E	99348	70477	04064	33504	98020	19718	35500	00711	83622	/////	0//10	12136	30000	02402
I	99590	70183	04064	32425	98018	94908	38400	00709	82815	/////	0//04	11050	30605	23010
J	99525	70202	04064	52718	97016	13211	555//	00400	82620	84635	05208	11243	30803	29804
K	99452	70156	04064	82117	96022	23017	863//	51805	88708	/////	0//17	11663	30000	25007
M	99634	10033	04064	51110	97212	96604	58400	42310	84810	/////	05803	10844	30504	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39795

Date of Issue Thursday 5 November 1970

Code FM 11.D

OBSERVATIONS at 12h. 4 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62608	69216	22611	68500	07805	83820	85635	
Hurn	862	72510	81022	23313	785//	08807	83820	87640	
Thorney Island	871	72610	82031	23612	745//	07806	82828	85640	87650
Manston	797	22514	84011	21813	18501	05806	81827		
Gatwick	776	72612	80031	22612	785//	06808	81825	87650	
Kew	775	62410	62031	21812	48541	05802	81826	84650	
Heathrow	772	62413	75021	21912	685//	05702	81825	86650	
Honington	586	72613	80032	20012	21606	04804	82830	87275	
Wattisham	590	62815	78031	20511	38502	05805	83822	85075	
Gorleston	497	72810	60032	20011	45634	07000	84635	83360	85075
Aberporth	502	72513	83258	20511	784//	07809	81818	87635	
Ross-on-Wye	627	52210	66012	20611	38501	07808	81825	83635	
Filton	628	62408	60051	21911	685/1	07805	81822	86635	
Rhoose	715	72913	80258	22011	784//	08803	82818	87645	
Chivenor	707	72514	81028	23013	785//	07002	82828	87650	
Mount Batten	827	12410	74016	24213	18400	09806	81818		
St. Mawgan	817	22411	74028	24014	28401	08804	82816		
Scilly	804	22209	69030	23913	20931	11707	82360		
Culdrose	809	32412	81035	24113	22501	10807	82820		
Guernsey	894	62414	82026	25413	68500	08805	85820	83630	
Elmdon	534	72313	68028	19911	784//	05808	83819	87638	
Cardington	559	72615	74021	20612	18532	04805	81825	87075	
Wittering	462	72714	83022	19511	18518	05806	81822	84465	87272
Watnall	354	72513	62021	18710	28532	05809	81820	83362	86072
Shawbury	414	72512	80038	19212	68402	06808	82818	85630	86075
Finningley	360	72611	59028	17711	55508	07805	81623	85630	86273
Kilnsea	396	72721	66031	17510	1557/	06002	81625	87460	
Leeming	257	72513	80021	16011	40542	06808	82825	83650	87075
Tynemouth	262	72513	61021	14110	3257/	06815	83825	87359	
Carlisle	222	72315	70021	14310	68432	06814	81818	83823	85650
Valley	302	82325	82022	17911	684/2	07814	81815	86632	87075
Ringway	334	72212	68028	18410	785//	06807	82820	87628	
Squires Gate	318	72419	80258	17411	785//	08807	81822	87645	
Ronaldsway	204	82317	82012	15711	784/7	07820	83817	87650	88270
Mull of Galloway	131	82527	80032	13509	6571/	07722	86650	88465	
Eskdalemuir	162	72212	64038	13208	7847/	06815	85711	84820	86638
Prestwick	135	82114	68608	12309	48478	07717	81713	83816	86458
Abbotsinch	140	82016	65606	10910	6541/	07821	81615	86645	88462
Leuchars	171	82317	66032	09809	3847/	07822	81817	83635	88465
Dyce	091	81807	80021	08508	15677	04822	81640	87465	88267
Lerwick	005	71905	82038	05507	38436	01716	81815	87270	
Wick	075	71913	82021	05108	25576	06729	81620	85359	87275
Sule Skerry	010	82024	70036	02210	5647/	08734	83712	85615	88458
Cape Wrath	049	82319	81026	00109	865//	07757	88720		
Stornoway	026	82031	58636	00109	6532/	08850	82707	86614	88458
Benbecula	022	82517	56636	02408	7532/	07537	83706	87611	88530
Tiree	100	82130	66608	05111	75417	08744	82712	85620	87460
Aldergrove	917	72117	74021	12810	35576	06727	83622	85459	86270
Malin	980	82332	70608	09210	864//	07731	86713	88645	
Belmullet	976	82029	64218	11612	6347/	09818	81715	83920	85635
Birr	965	72013	80022	16511	785//	05723	81821	87638	
Dublin	969	72315	84016	16311	5853/	05717	81820	85635	86360
Shannon	962	72215	83021	17212	755//	07717	82622	85630	87650
Roches Point	952	82112	50505	19910	863//	10809	88706		
Valentia	953	82312	50616	18012	864//	11715	88710		

OBSERVATIONS at 18h. 4 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82313	69038	19811	5563/	08715	83634	85650	85359
Hurn	862	72110	80022	20813	785//	09007	81820	87650	
Thorney Island	871	72411	80022	21212	785//	09710	81820	87645	
Manston	797	72111	80021	20810	756//	06706	87642		
Gatwick	776	72211	70022	20411	756//	08711	87643		
Kew	775	72007	66012	19312	756//	06715	81635	87647	
Heathrow	772	72011	75032	19012	756//	06816	87638		
Honington	586	72210	69032	17809	25636	06711	82645	83363	86275
Wattisham	590	62512	74012	18209	45602	06813	84645	84075	
Gorleston	497	82011	60032	18011	6567/	07706	86635	88360	
Aberporth	502	82219	58636	15110	874//	09729	88710		
Ross-on-Wye	627	82312	60605	16911	855//	08720	88625		
Filton	628	82213	58608	18611	5557/	07716	85628	86359	88460
Rhoose	715	82313	80026	18412	855//	09617	88624		
Chivenor	707	82213	62606	19113	854//	10619	83714	85625	88643
Mount Batten	827	82321	59601	21113	5547/	11613	84715	85359	88460
St. Mawgan	817	72014	64021	20312	5542/	10717	82710	85632	87458
Scilly	804	82214	58021	19913	855//	12719	88625		
Culdrose	809	82215	58601	21012	7522/	11612	83704	85708	87620
Guernsey	894	62113	80031	23213	657//	10713	86656		
Elmdon	534	72213	65608	16210	755//	07718	85622	87631	
Cardington	559	82110	62032	17810	856//	07715	88644		
Wittering	462	82213	69032	16410	856//	07717	88630		
Watnall	354	82112	58606	14710	855//	06725	88621		
Shawbury	414	82112	69628	14810	6547/	09624	86616	88358	
Finningley	360	52212	69012	13210	35501	07826	82620	85075	
Kilnsea	396	72420	66012	14110	5557/	06722	85625	87460	
Leeming	257	72414	80022	10210	5857/	07835	81822	83634	85650
Tynemouth	262	02512	61021	08309	00900	06833			
Carlisle	222	83014	28658	09307	873//	05519	85707	88716	
Valley	302	82331	61616	13312	7722/	11623	81704	84707	87710
Ringway	334	81914	59608	13410	6547/	08730	82618	86622	88458
Squires Gate	318	82322	70602	11611	854//	10633	84617	86621	88643
Ronaldsway	204	82322	70606	10412	754/7	08525	82715	87625	88270
Mull of Galloway	131	72317	74612	09707	2957/	06302	82920	87458	
Eskdalemuir	162	82917	56638	08705	853//	03516	85706	88620	
Prestwick	135	72516	75026	07808	4847/	06502	81817	83645	87460
Abbotsinch	140	72114	70027	06208	6543/	06802	81616	85622	86359
Leuchars	171	72419	70216	04007	4547/	06616	81712	84635	87460
Dyce	091	52614	66216	01508	45470	04523	81714	83645	85460
Lerwick	005	81723	48656	95407	852//	06756	86705	88616	
Wick	075	42512	82016	98905	25630	04704	82640		
Sule Skerry	010	82530	66616	96107	874//	06704	88710		
Cape Wrath	049	72325	81018	96707	735//	04806	87920		
Stornoway	026	22413	80258	99805	29400	04306	82912		
Benbecula	022	52622	74256	02908	49463	03310	84915		
Tiree	100	62924	70158	05007	634//	04308	83915	84628	
Aldergrove	917	42108	80016	10307	46300	05206	84708		
Malin	980	72918	75258	08209	734//	06500	87918		
Belmullet	976	42720	81018	12810	43436	06210	83919		
Birr	965	72610	80016	14810	685/2	08303	82820	86636	
Dublin	969	72317	82026	12411	755//	08506	87622		
Shannon	962	72508	75026	15711	564/2	09310	83715	85638	85070
Roches Point	952	83110	65615	16311	863//	11502	85706	88711	
Valentia	953	73013	75026	17412	36402	09311	83715	86075	

OBSERVATIONS during DAY

Station	iii	RRT T E x x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91131	019	$d_or_od_opr_o$	$r_od_or_o$
Hurn	862	00141	018	+	+
Thorney Island	871	97131	012	+	ir_o
Manston	797	97131		+	r_o
Gatwick	776	97131	026	+	r_o
Kew	775	97131	039	+	r_o
Heathrow	772	97131	027	+	r_o
Honington	586	01131		+	rr_or_o
Wattisham	590	94121	032	+	ir_orr
Gorleston	497	97121	029	+	irrr
Aberporth	502	08122	003	pr_oir_o	$ir_orrr_or_o$
Ross-on-Wye	627	97121	018	+	id_oir_o
Filton	628	92121	013	pr_o	$r_or_od_or_o$
Rhoose	715	97131	003	pr_o	r_o
Chivenor	707	01131	006	pr_oir_o	$ir_od_oRr_o$
Mount Batten	827	93131	036	ir_o	id_or_orr
St. Mawgan	817	01141	037	+	id_odrdr
Scilly	804	04141	042	+	irrr
Culdrose	809	03142	050	+	$ir_or_or_orr$
Guernsey	894	00141	037	jp	+
Elmdon	534	03122	013	pr_o	r_or_odriDR
Cardington	559	91131	059	+	ir_or_o
Wittering	462	92121	035	+	r_odrd
Watnall	354	01111	008	r_o	r_o-r_or_o
Shawbury	414	02121	012	pr_o	r_orDRdr
Finningley	360	93121	008	+	r_or
Kilnsea	396	97111	012	+	ir_or_o
Leeming	257	01121	005	+	r_orr_o
Tynemouth	262	02111	004	+	rr
Carlisle	222	08111	001	pr_o	r_o-r_or_orRrrr$_o$
Valley	302	96131	001	+	$ir_or_or_oir_o$
Ringway	334	04111	001	pr_o	r_orRrr$_o$
Squires Gate	318	03111	001	pr_o	r_or_orR
Ronaldsway	204	02121	000	+	r_oR
Mull of Galloway	131	05111			
Eskdalemuir	162	11091	002	pr_o	pr_or_oRrr
Prestwick	135	07101	000	r_or_o	r_or_oRpr$_o$
Abbotsinch	140	09101	000	$ir_or_or_orrd_or_o$	RFhr$_o$r$_o$p$_o$Rpr$_o$
Leuchars	171	02111	004	r_o	r_oRr$_o$Rr$_o$
Dyce	091	97091	008	r_o	r_o
Lerwick	005	11072	017	pr_oir_o	r_or_orrRRir_o
Wick	075	95101	003	+	ir_opr_o
Sule Skerry	010	06101			
Cape Wrath	049	07091	000	ir_oRR	Rprpr$_o$
Stornoway	026	09102	000	$ir_orrr_or_o$	pr_opR
Benbecula	022	10101	002	r_or_orR	prpr$_o$
Tiree	100	04111	000	pr_or_oR	pr_o
Aldergrove	917	04101	001	+	$h_orr_or_o$
Malin	980	0811	002		
Belmullet	976	0412	002		
Birr	965	9412	001		
Dublin	969	9712	004		
Shannon	962	0212	006		
Roches Point	952	0211	001		
Valentia	953	0712	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

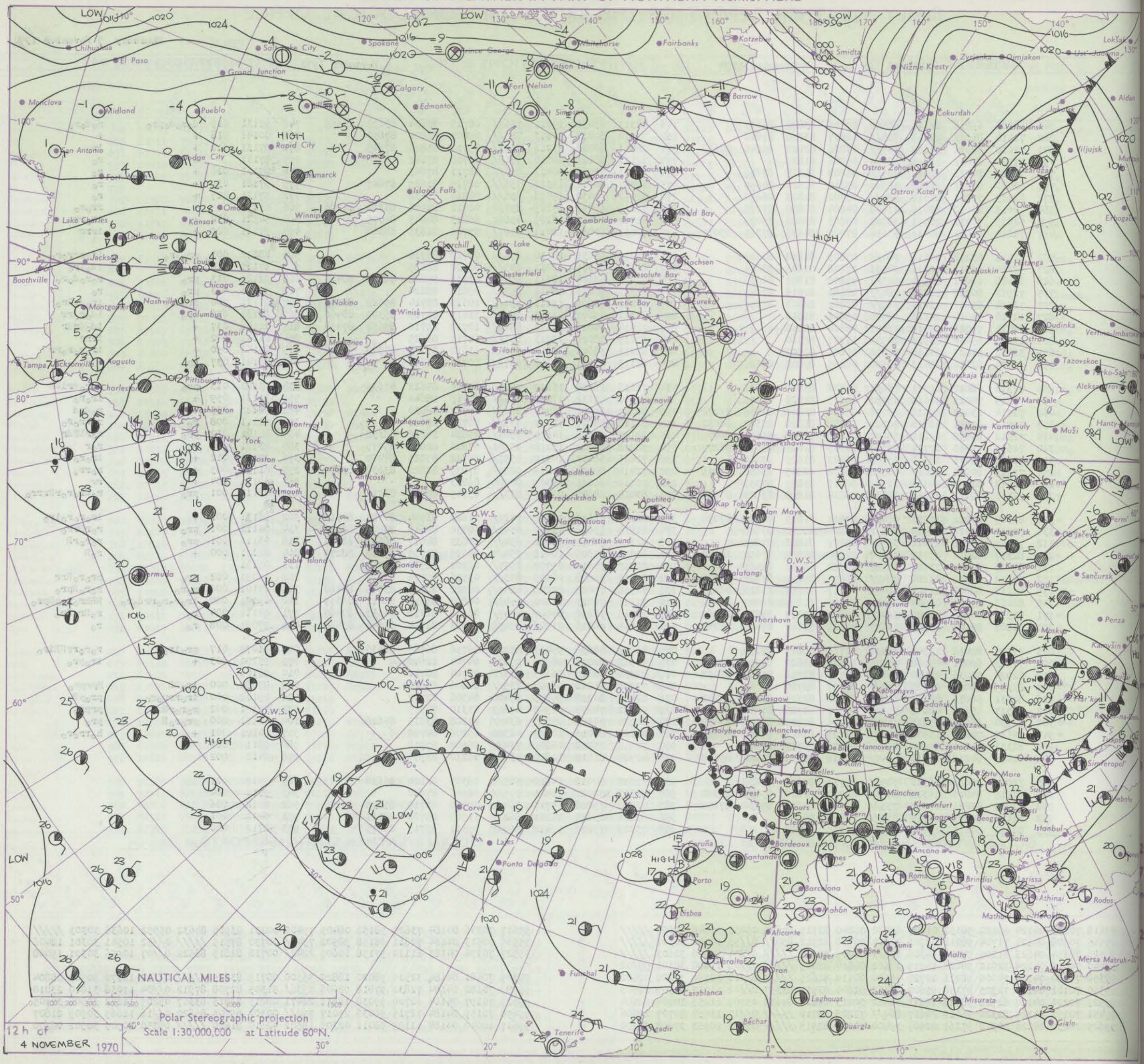
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_ap_p$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	04124	60122	98152	01604	69400	00240	82915	84635	05453	10646	30606	/////
B	99565	70508	04124	71704	98018	03701	23404	00718	82912	850//	0//53	10446	30301	/////
C	99526	70354	04123	81205	97028	14306	855//	00005	88620	/////	0//04	10918	30603	/////
D	99440	70410	04124	32010	98022	14515	35602	00814	82645	/////	0//08	11680	30301	99/02
E	99350	70480	04124	20000	98021	20720	25500	00110	82625	/////	0//10	12150	30000	02402
I	99590	70182	04124	72325	97158	93607	49463	51804	83915	83357	0//02	11052	30909	28905
J	99525	70200	04124	62718	98028	16611	48482	00213	81818	84633	05207	11255	30704	22004
K	99451	70157	04124	82320	96022	24617	864//	71208	88710	/////	0//17	11654	30707	25006
M	99625	10036	04124	30318	97261	02405	39400	42122	82915	/////	05801	10953	30503	00/00

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_ap_p$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70336	04184	73620	98152	08403	79400	00231	83915	84632	05552	10638	30303	/////
B	99565	70513	04184	70811	98158	98502	754//	00730	87515	/////	0//52	10541	30301	12406
C	99527	70354	04183	81110	97158	10609	2242/	00718	82815	88522	0//07	10956	30301	19008
D														
E	99349	70481	04184	32515	98020	18820	35500	00719	83625	/////	0//12	12172	30502	08804
I	99589	70182	04184	72832	97818	92006	7936/	51305	82708	87912	0//04	11038	31010	23010
J	99525	70197	04184	62720	99038	18811	22471	00215	82815	83367	05209	11242	30808	32905
K	99450	70159	04184	72715	96036	25017	752//	00307	85705	85620	0//16	11669	30909	21807
M	99617	10040	04184	11109	98011	02305	18502	42610	81820	/////	05750	10905	30502	00/00

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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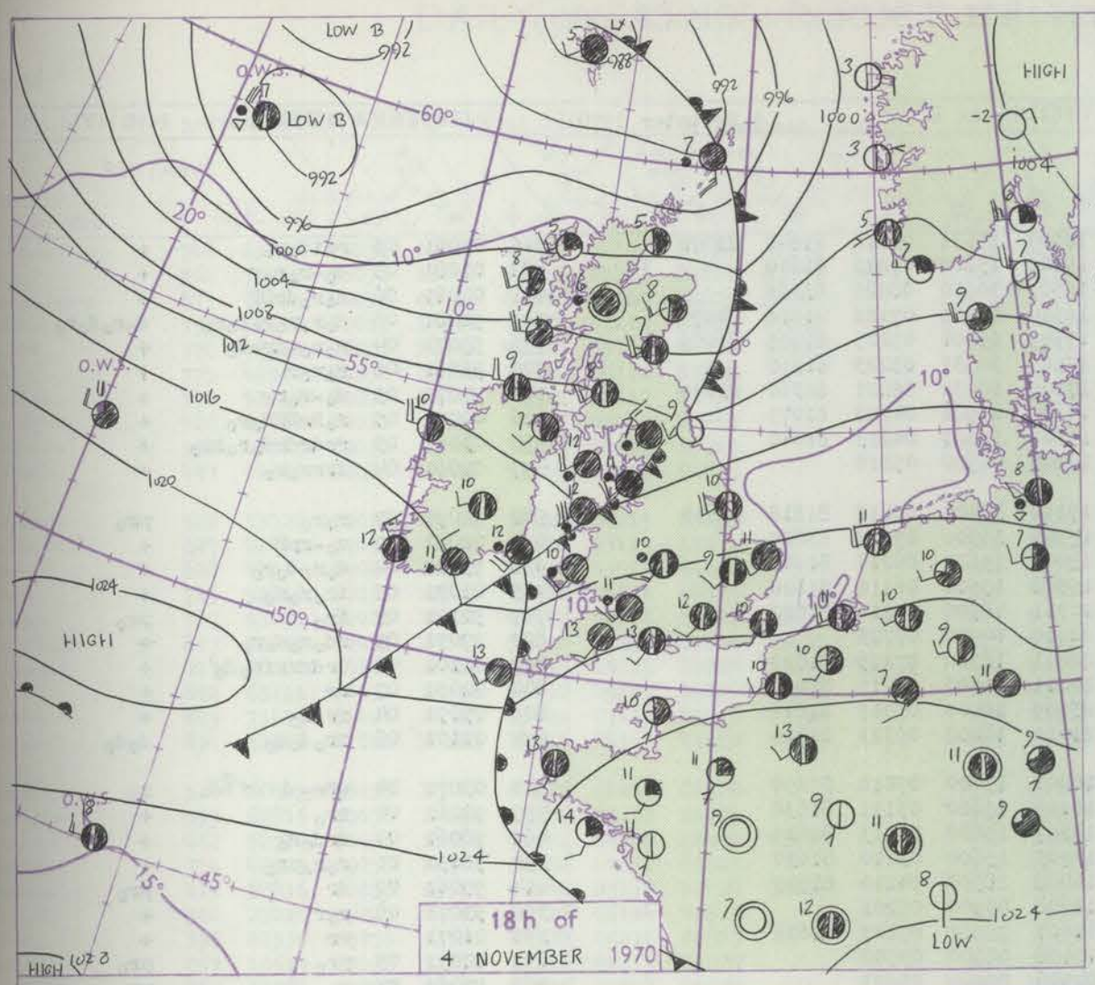
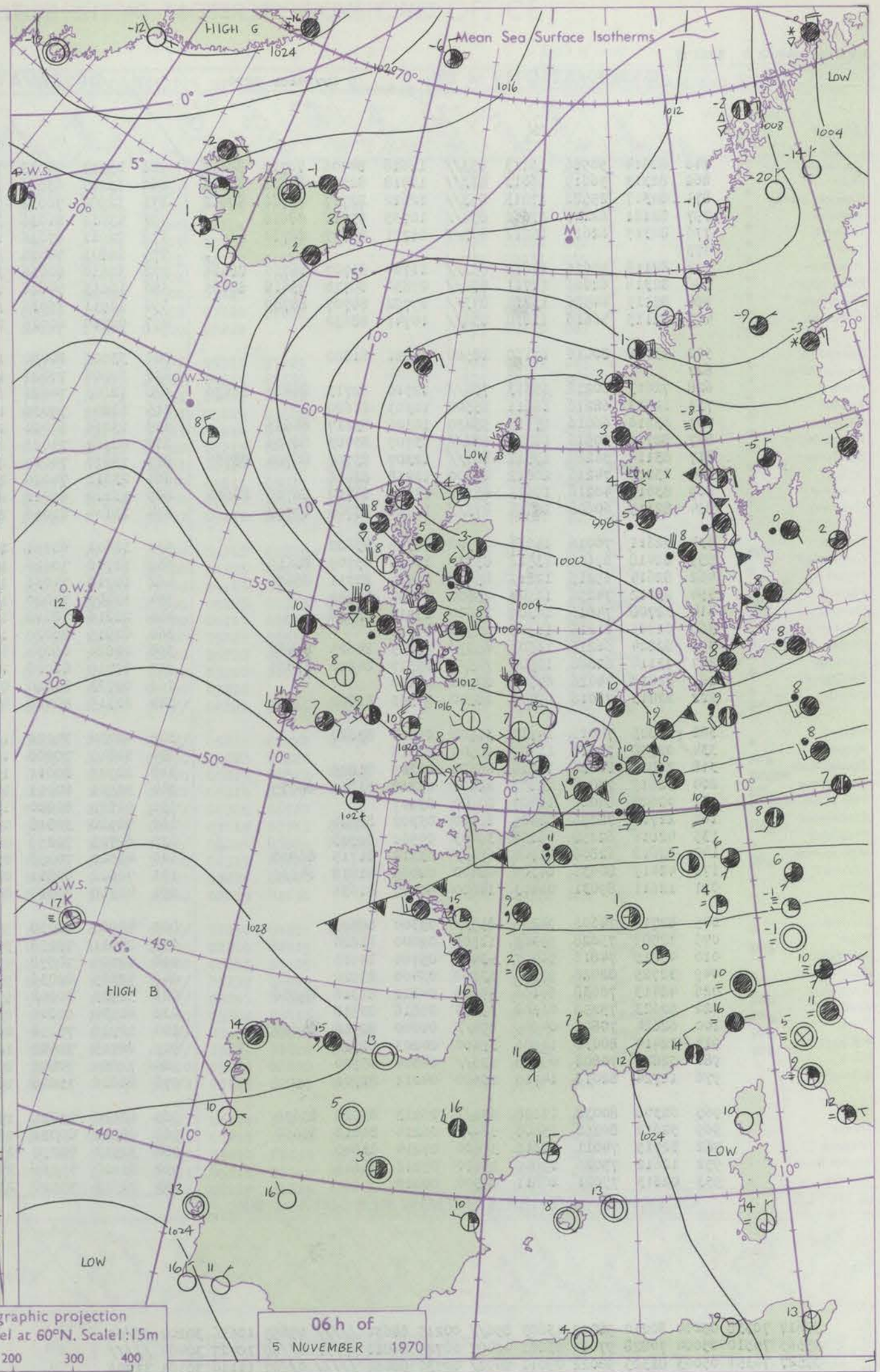
Aldan
Ust'-Udarma
Omjakon
Zyrjanka
Nižnie Kresty
Čokurdah
Verchojansk
Viljujsk
Ostrov Zohov
Ostrov Kotel'nyj
Ostrov Uedineniya
Mys Čeljuskin
Hatanga
Tura
Dudinka
Verhne-Imbatskoe
Tazovskoe
Mare-Sale
Muži
Moye Karmakuly
Hanty-Mansijsk
Obdorsk
Ostrov Vaygach
Amderma
Varandej
Ostrov Dikson
Ostrov Belyy
Ostrov Sverdrupa
Ostrov Heiberga
Ostrov Kotel'nyj
Ostrov Novaya Sibir'
Ostrov Bennett
Ostrov Wrangel
Ostrov Medvežij
Ostrov Vize
Ostrov Kolguev
Ostrov Novaya Zemlya





Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

Issued at midday Thursday 5 November 1970

GENERAL SYNOPTIC DEVELOPMENT

The depression which yesterday morning was northeast of Shetland has moved away eastwards to the Baltic, but the depression which was southwest of Iceland has also moved east and become complex north and west of Scotland. The associated frontal trough has moved east over all parts of Britain since yesterday. The depression to the north will move away east and will be followed by a weak ridge of high pressure northwards from the stationary anticyclone over northwest Spain. A weak warm front will however reach the southwest later.

Code FM 11.D

OBSERVATIONS at 00h. — 5 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	82614	50586	16113	853//	12616	84706	86710	88618
Hurn	862	82313	56615	16813	853//	13718	82706	84712	88623
Thorney Island	871	82317	25586	17213	853//	12622	82707	85710	88612
Manston	797	82121	62215	15612	854//	10735	83711	88618	
Gatwick	776	82315	62612	16212	873//	11721	84707	88710	
Kew	775								
Heathrow	772	82118	59615	14812	853//	11724	81707	86710	88626
Honington	586	82316	62606	12711	854//	09630	84710	85618	88625
Wattisham	590	82515	44586	13210	873//	09732	84707	88709	
Gorleston	497	82115	56616	11810	856//	10741	88630		
Aberporth	502	23118	80016	17110	28500	06221	81820		
Ross-on-Wye	627								
Filton	628	72613	60216	15313	754//	12510	82713	84622	86630
Rhoose	715	12813	68216	16011	15500	10303	81620		
Chivenor	707	63010	66016	17912	55430	10306	83617	84633	
Mount Batten	827	82711	30516	18213	872//	13709	83703	88709	
St. Mawgan	817	83116	56286	19512	861//	12307	83702	86704	88707
Scilly	804	23209	74216	20812	25400	12218	82618		
Culdrose	809	83010	40216	19613	851//	13305	84702	86706	88620
Guernsey	894	82119	60606	20214	873//	12718	85706	87707	
Elmdon	534	42611	70016	14010	45500	08500	83620		
Cardington	559	82418	69606	13512	853//	10616	85709	88619	
Wittering	462	82614	69215	12811	854//	09514	82711	88630	
Watnall	354	23012	74256	12909	25600	06303	82640		
Shawbury	414	32708	74016	14309	35600	07314	83630		
Finningley	360	02905	61216	11908	00900	07013			
Kilnsea	396	62824	66216	11509	4557/	07205	84625	86460	
Leeming	257	73114	62806	10908	725//	05317	84820	87825	
Tynemouth	262	02818	74026	07907	00900	04400			
Carlisle	222	22413	78018	09407	28500	04303	81822		
Valley	302	32825	74026	14910	31500	05213	83820		
Ringway	334	02708	70018	13409	00900	06316			
Squires Gate	318	22822	80036	12310	28500	06209	81825		
Ronaldsway	204	42615	75016	12809	28401	05210	81819	84075	
Mull of Galloway	131	02620	84020	10407	00900	05107			
Eskdalemuir	162	22716	78256	08405	22500	03302	82821		
Prestwick	135	42816	62258	08207	39403	04501	81915		
Abbotsinch	140	62618	62808	07907	684//	03314	81715	86830	
Leuchars	171	42419	80036	04304	48400	02005	81818	84635	
Dyce	091	12611	89031	02403	14600	50207	81635		
Lerwick	005	82719	74606	94206	855//	03304	88625		
Wick	075	12509	75028	99303	12500	02000	81820		
Sule Skerry	010	43219	74816	96407	43400	05704	84915		
Cape Wrath	049	32725	82028	97506	33500	03400	83920		
Stornoway	026	42413	70038	99106	49400	04812	81916	84656	
Benbecula	022	52623	75258	01308	39403	05816	83918		
Tiree	100	62624	70808	04909	694//	04000	82916	84629	
Aldergrove	917	32414	80036	11506	35400	04203	81710		
Malin	980	52823	70808	09208	535//	04304	85920		
Belmullet	976	12724	82018	14710	13500	04211	81921		
Birr	965	62308	80038	17108	634//	06213	83919	85635	
Dublin	969	52612	80258	15208	584//	06214	81818	85650	
Shannon	962	32715	74011	18310	35600	07214	83640		
Roches Point	952	12612	75026	19909	15600	05218	81645		
Valentia	953	02813	75021	20811	00900	08217			

OBSERVATIONS at 06h. — 5 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	43113	74036	18907	15631	06216	81640	83072	
Hurn	862	13107	65026	19809	15600	07223	81640		
Thorney Island	871	32908	70036	19509	30930	08229	83366		
Manston	797	43012	81036	16510	18431	07123	81816	84075	
Gatwick	776	72911	67036	17909	15601	05225	81645	86075	
Kew	775	22805	74026	17509	10931	05223	81358		
Heathrow	772	32610	80016	17209	10932	05221	81360	83075	
Honington	586	12615	74026	14307	00902	04108	81075		
Wattisham	590	12911	75026	15307	15601	04213	81640		
Gorleston	497	02710	60026	13208	00900	05210			
Aberporth	502	33025	80030	19110	38400	05212	81818	83633	
Ross-on-Wye	627	32508	77021	17909	35500	05312	83625		
Filton	628	12605	74021	19008	15600	06214	81640		
Rhoose	715	12809	70030	19508	15500	06114	81620		
Chivenor	707	13016	80021	20711	18500	07216	81822		
Mount Batten	827	02907	74025	22210	00900	07223			
St. Mawgan	817	13017	74011	22811	18500	07219	81820		
Scilly	804	23211	74020	24211	21400	08215	82818		
Culdrose	809	13112	69011	23109	18400	07319	81814		
Guernsey	894	23114	81016	21611	16402	09321	81710		
Elmdon	534	12611	68211	16007	15700	05010	81650		
Cardington	559	12712	70026	16106	15600	05111	81630		
Wittering	462	12712	74031	15207	15600	04113	81635		
Watnall	354	12407	74020	14705	15600	03110	81630		
Shawbury	414	22816	78028	16008	28500	04210	81825		
Finningley	360	02815	82020	12208	00900	05201			
Kilnsea	396	22824	66031	11607	25500	05207	82625		
Leeming	257	02719	82028	10108	00900	03502			
Tynemouth	262	02723	81020	07308	00900	03603			
Carlisle	222	22519	80028	09108	28500	04706	81822		
Valley	302	42732	74021	16509	48500	04111	83822		
Ringway	334	52815	70808	14708	58400	04209	84815		
Squires Gate	318	22723	80011	13610	28500	05207	82823		
Ronaldsway	204	32521	80011	13709	38500	05106	81822	83637	
Mull of Galloway	131	02523	82020	10408	00900	03505			
Eskdalemuir	162	72520	32818	08204	794//	03801	83712	85819	82916
Prestwick	135	62725	70259	07009	694//	06707	82717	83924	85636
Abbotsinch	140	42520	70258	05507	48600	05606	83830		
Leuchars	171	72622	60811	02606	794//	04812	81710	83916	87630
Dyce	091	42310	86020	00803	24601	01611	82635	83070	
Lerwick	005	42907	80038	95805	48400	02310	83818		
Wick	075	22411	75258	97204	19401	02713	81918		
Sule Skerry	010	72705	70878	95807	794//	05205	87915		
Cape Wrath	049	72325	82036	95806	735//	03712	87920		
Stornoway	026	52923	60808	99706	59400	04326	85914		
Benbecula	022	62930	65808	03608	694//	05337	86916		
Tiree	100	12928	75258	06008	19400	03229	81918		
Aldergrove	917	82715	75608	12708	854//	04308	88618		
Malin	980	72834	70808	10410	734//	03516	87918		
Belmullet	976	62826	75808	18210	635//	05223	85921		
Birr	965	12612	75021	19508	15600	03216	81635		
Dublin	969	02514	80021	16907	00900	04213			
Shannon	962	32913	70258	21009	38500	06120	81825	83640	
Roches Point	952	61210	75031	22507	656//	06215	86643		
Valentia	953	22913	75020	23411	22500	07215	82823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	02061	03	$rrid_or_o$	+
Hurn	862	01081	05	d_o-r_or_or	+
Thorney Island	871	02081	06	d_or_odrDR	+
Manston	797	92081	06	$d_or_or_or_od_or_o$	$d_or_od_or_o$
Gatwick	776	95071	04	r_or_o-dr-d_o	+
Kew	775	91081	06	r_or_or	+
Heathrow	772	97071	05	d_o-r_or_o	+
Honington	586	02071	05	$r_oRrDRd_or_o$	+
Wattisham	590	02061	03	$rrdrdrd_or_oir_o$	+
Gorleston	497	02061	04	$irrr_or_o$	+
Aberporth	502	92091	07	r_or_o	pr_o
Ross-on-Wye	627	02081	05	r_o-rpR	+
Filton	628	95081	04	$d_or_od_or_o$	+
Rhoose	715	01071	05	$ir_or_or_o$	+
Chivenor	707	92101	07	ir_o	pr_o
Mount Batten	827	97091	05	$rd_or_od_or_o$	+
St. Mawgan	817	01101	08	drdrrrfd_od_o	+
Scilly	804	02091	07	rr	+
Culdrose	809	02091	04	$rrir_o$	+
Guernsey	894	01101	08	$ir_od_od_o$	d_od_o
Elmdon	534	03071	04	~~dRr$_o$~~ dr-rRr_o	r_o
Cardington	559	92061	04	ir_o	+
Wittering	462	96061	04	drd_or_o	+
Watnall	354	96051	01	$r_or_opr_o$	+
Shawbury	414	95061	02	dr	pr_o
Finningley	360	93071	05	r_or	+
Kilnsea	396	01071		rr	+
Leeming	257	02051	03	pr_o	pr_o
Tynemouth	262	97061	03	+	pr_o
Carlisle	222	01061	04	r_orpr_o	pr_o
Valley	302	00091	07	+	+
Ringway	334	01071	05	r_opr_o	pr_o
Squires Gate	318	00091	07	+	+
Ronaldsway	204	00081	06	+	+
Mull of Galloway	131	00071			
Eskdalemuir	162	09041	01	pr_opr	pr_oprpR
Prestwick	135	05061	02	pr_otlHR	pr_o
Abbotsinch	140	04052	03	pr_o	pr_opr
Leuchars	171	05041	02	+	$prpr_opR$
Dyce	091	97031	53	+	pr_o
Lerwick	005	95042	01	ir_opr_o	+
Wick	075	03032	01	pr_oprpr_o	pr_o
Sule Skerry	010	02061	01		
Cape Wrath	049	09052	02	phr	rrpr
Stornoway	026	06042	02	$phrpr_opr$	$pHRpr_opr$
Benbecula	022	02061	04	$pr_ophrph_or_o$	ph_or_oprpHR
Tiree	100	02071	05	$pr_oph_or_o$	$pr_oph_or_o$
Aldergrove	917	91051	03	+	$pr_oir_opr_o$
Malin	980	04061	02		
Belmullet	976	05071	05		
Birr	965	91061	04		
Dublin	969	94060	04		
Shannon	962	91081	06		
Roches Point	952	97071	05		
Valentia	953	00101	08		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70338	05004	80210	98022	13603	856//	00215	88630	/////	05655	10656	30202	99/02
B	99565	70510	05004	70828	97022	93201	42401	00724	84812	/////	0//00	10427	30404	/////
C	99527	70351	05003	81325	98022	05011	8092/	00730	88460	/////	0//07	11110	30303	31706
D	99439	70410	05004	82227	98022	10617	8097/	00601	83858	/////	0//14	11680	30505	/////
E	99349	70481	05004	32706	97020	20720	35500	00109	83620	/////	0//14	12122	30502	08603
I	99589	70185	05004	33030	98278	04007	39400	00150	82912	/////	0//05	11049	30909	25010
J	99525	70195	05004	62717	99031	22611	68400	00218	83818	85657	05209	11246	30806	32905
K	99452	70159	05004	80000	96032	27616	754//	00109	87610	/////	0//15	11663	30000	27908
M														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70334	05064	70920	97152	13003	79400	00712	83015	84630	05531	10638	30303	/////
B	99566	70510	05064	43510	98021	89902	44400	00607	84612	/////	0//00	10406	30403	24403
C														
D	99440	70410	05064	82830	97022	14015	8097/	00225	88538	/////	0//09	11671	30505	/////
E														
I	99586	70174	05064	33417	98018	14408	38400	32353	81815	/////	0//03	11004	30604	25010
J	99524	70201	05064	22212	98018	23012	25600	61301	82630	/////	05112	11241	30702	32905
K	99450	70159	05064	90000	92455	28017	9////	00205	89/01	/////	/////	11678	30000	27904
M														

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H.M.S.O. Press, Met.O. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39796

Date of Issue Friday 6 November 1970

Code FM 11.D — OBSERVATIONS at 12h. — 5 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$
Boscombe Down	746	63118	74031	22011	41501	04107	84827	85072	
Hurn	862	72917	76031	22912	11502	05207	81820	83170	86075
Thorney Island	871	72911	80031	22412	68502	07109	85825	85075	
Manston	797	52918	81011	19811	11542	06112	81825	85075	
Gatwick	776	72912	70031	21311	42602	05109	84834	84080	
Kew	775	42912	80031	20712	31601	04110	83830		
Heathrow	772	53016	80011	20412	42601	04112	84830		
Honington	586	22824	82011	17111	18601	02007	81830		
Wattisham	590	42919	69031	17810	31401	04109	83819		
Gorleston	497	52820	62031	15811	51500	05204	85825		
Aberporth	502	33020	74038	23010	31502	04215	83825		
Ross-on-Wye	627	52710	77031	21112	51600	03113	83830		
Filton	628	42914	69020	21912	41501	03012	84825		
Rhoose	715	52812	80031	22811	52501	06014	84825		
Chivenor	707	63020	80028	24512	42531	06116	84828	86075	
Mount Batten	827	73017	74031	25813	58402	07214	81818	85635	
St. Mawgan	817	73020	78251	26512	68536	05115	84828	83635	86272
Scilly	804	63111	74031	28112	42430	09217	84818	86358	
Culdrose	809	73119	81021	26713	58401	07111	81710	84820	
Guernsey	894	62914	81022	26112	32502	08115	83820	85075	
Elmdon	534	62825	68038	18411	625/1	02208	86826		
Cardington	559	62816	70038	19111	62501	04112	86825		
Wittering	462	52717	80031	17510	54501	04109	82825	83635	
Watnall	354	42921	69258	16910	32502	04212	83825		
Shawbury	414	52816	80038	19311	58500	03218	81824	84828	
Finningley	360	23026	69010	14611	21500	06114	82827		
Kilnsea	396	22930	63258	13310	22500	05210	82825		
Leeming	257	12619	83028	13311	11500	04219	81825		
Tynemouth	262	12928	74028	10610	11600	04223	81830		
Carlisle	222	52916	70808	13711	58440	04233	81715	84627	
Valley	302	62825	78021	20811	684/2	06319	82816	85821	
Ringway	334	52821	62258	17510	58400	05115	84818		
Squires Gate	318	22924	80018	16911	28500	05219	82822		
Ronaldsway	204	52820	82031	18411	58501	06233	81822	84826	
Mull of Galloway	131	12924	80030	16309	12500	03233	81825		
Eskdalemuir	162	12925	70018	12108	12500	03229	81822		
Prestwick	135	43115	80018	14008	49500	04136	82822	83640	81926
Abbotsinch	140	22814	82258	13110	29563	05241	82822	81924	
Leuchars	171	12924	89028	08809	19403	02240	81915		
Dyce	091	63125	86038	06508	69400	03344	81715	84618	81920
Lerwick	005	70214	82271	03206	724//	04244	87815		
Wick	075	53316	80258	06407	59303	05249	81709	84916	
Sule Skerry	010	43213	81018	05609	49500	06252	84925		
Cape Wrath	049	73220	81028	06408	735//	03243	87920		
Stornoway	026	33016	70258	09207	39400	05235	83912		
Benbecula	022	32916	74158	12409	38430	06232	82819		
Tiree	100	53019	70258	13909	48460	06236	81712	84818	
Aldergrove	917	62813	80028	18509	684//	04231	83818	84624	
Malin	980	63028	80028	17010	634//	06223	86918		
Belmullet	976	53017	85038	23312	535//	06222	85820	81920	
Birr	965	52710	80011	24011	585//	05222	81823	85638	
Dublin	969	12819	80010	21110	11542	05222	81825		
Shannon	962	32820	80011	25512	38501	04222	81827	83645	
Roches Point	952	62922	75011	26111	28431	05217	82817	83359	
Valentia	953	73308	80038	27212	38532	07217	82825	83360	

Code FM 11.D — OBSERVATIONS at 18h. — 5 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$
Boscombe Down	746	22913	69011	24707	28601	04218	81830		
Hurn	862	22707	70011	25108	15601	05318	81638		
Thorney Island	871	32711	62021	24509	15601	06318	81630	83075	
Manston	797	12810	72021	21809	15600	04314	81630		
Gatwick	776	12811	75021	23209	00901	02316	81080		
Kew	775	12706	70021	22610	15601	03217	81645		
Heathrow	772	12814	68021	22610	00901	03317	81075		
Honington	586	12712	72011	20108	14600	03225	81635		
Wattisham	590	13014	66021	20408	11600	03220	81830		
Gorleston	497	02614	62011	17609	00900	05214			
Aberporth	502	73221	74032	24810	715//	05312	87825		
Ross-on-Wye	627	22407	77021	23909	25600	04223	82630		
Filton	628	12710	74021	24410	14601	03216	81640		
Rhoose	715	32614	80021	25009	34501	05214	83624		
Chivenor	707	63013	74032	26311	58601	06214	83834		
Mount Batten	827	53111	63031	27310	45502	05215	84625		
St. Mawgan	817	63110	75021	27911	48541	06314	81825	84630	
Scilly	804	53009	74011	29011	32430	09211	83815	83358	
Culdrose	809	63111	80022	28109	38554	07214	82824	83632	
Guernsey	894	63113	81032	27211	58502	05212	84820	84075	
Elmdon	534	22813	56041	22309	24500	02318	81829		
Cardington	559	52713	78011	22009	55600	04326	85635		
Wittering	462	12813	80021	20508	11600	04119	81830		
Watnall	354	42911	62258	20908	48500	05223	82823	83630	
Shawbury	414	42914	80031	22209	44600	04117	82632	83650	
Finningley	360	53013	61011	19309	55600	05222	85635		
Kilnsea	396	23230	66010	16808	22500	05228	82825		
Leeming	257	12506	83020	17908	11600	03220	81830		
Tynemouth	262	02715	61020	15708	00900	03226			
Carlisle	222	72202	62038	17908	785//	04221	82825	86637	
Valley	302	62921	74022	23111	685//	05214	82822	85630	
Ringway	334	22910	56251	21309	28500	05223	82820		
Squires Gate	318	52920	65038	20311	58500	06215	82822	84638	
Ronaldsway	204	22919	80028	20710	28501	05214	81822		
Mull of Galloway	131	63225	84808	19909	635//	06326	86920		
Eskdalemuir	162	62818	78038	16407	624//	03119	82713	85820	
Prestwick	135	73116	75031	18109	785//	04224	83824	86632	
Abbotsinch	140	12718	82258	16608	14500	04317	81822		
Leuchars	171	12712	89020	14107	14600	03226	81640		
Dyce	091	13117	86021	12906	15600	02229	81630		
Lerwick	005	60221	80018	12405	684//	52250	84815	83625	
Wick	075	22806	80028	13403	29400	02240	82915		
Sule Skerry	010	33609	82018	13008	33500	06243	83925		
Cape Wrath	049	63211	83808	13308	635//	03237	86920		
Stornoway	026	73419	75808	16807	725//	05250	87821		
Benbecula	022	33515	75258	18908	32400	05242	83818		
Tiree	100	73122	75808	19209	784//	05231	83816	85628	
Aldergrove	917	62712	70038	22409	685//	03222	81820	85626	
Malin	980	43223	75018	21810	42400	05223	84818		
Belmullet	976	63109	83018	25609	685/2	05113	82820	85636	
Birr	965	72606	75031	26409	756//	06215	87636		
Dublin	969	42712	80011	24108	25501	04218	82625	84075	
Shannon	962	52707	75011	27408	45602	06214	82630	83645	
Roches Point	952	42911	75011	28209	15631	05218	81640	84358	
Valentia	953	72102	80022	28409	38502	08210	81825	83640	85070

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00120	080	+	+
Hurn	862	00131	066	+	+
Thorney Island	871	00131	071	+	+
Manston	797	00120		+	+
Gatwick	776	00121	082	+	+
Kew	775	00131	075	+	+
Heathrow	772	00131	074	+	+
Honington	586	00121		+	+
Wattisham	590	00110	076	+	+
Gorleston	497	00110	081	+	+
Aberporth	502	00111	063	+	+
Ross-on-Wye	627	00121	063	+	+
Filton	628	00120	072	+	+
Rhoose	715	00121	058	+	+
Chivenor	707	00131	039	+	+
Mount Batten	827	00131	068	+	+
St. Mawgan	817	97121	050	pro	+
Scilly	804	00141	060	+	+
Culdrose	809	00130	040	+	+
Guernsey	894	00131	063	+	+
Elmdon	534	97111	048	+	pro
Cardington	559	97120	046	pro	+
Wittering	462	00121	059	+	+
Watnall	354	97101	039	pro	pro
Shawbury	414	00111	068	+	+
Finningley	360	00121	067	+	+
Kilnsea	396	97121	074	pro	+
Leeming	257	97121	072	pro	+
Tynemouth	262	00101	075	+	+
Carlisle	222	97111	062	pro	+
Valley	302	00121	051	+	+
Ringway	334	95111	028	pro	pro
Squires Gate	318	95111	027	pro	pro pr
Ronaldsway	204	97111	046	pro	pro
Mull of Galloway	131	01111			
Eskdalemuir	162	97091	058	pro	pr
Prestwick	135	95111	052	pro	+
Abbotsinch	140	93101	061	pro	pro
Leuchars	171	00101	079	+	+
Dyce	091	00081	071	jp	+
Lerwick	005	93081	031	pho pro pro	+
Wick	075	02081	025	pro	pro
Sule Skerry	010	95091			
Cape Wrath	049	01081	026	pr	pr
Stornoway	026	02092	048	pro	pro
Benbecula	022	01101	025	phr pro	pro
Tiree	100	91111	052	pro	pro
Aldergrove	917	97101	014	pro	pro
Malin	980	0111	046		
Belmullet	976	9712	042		
Birr	965	0012	036		
Dublin	969	0011	072		
Shannon	962	0012	031		
Roches Point	952	0012	038		
Valentia	953	9713	020		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 12h.

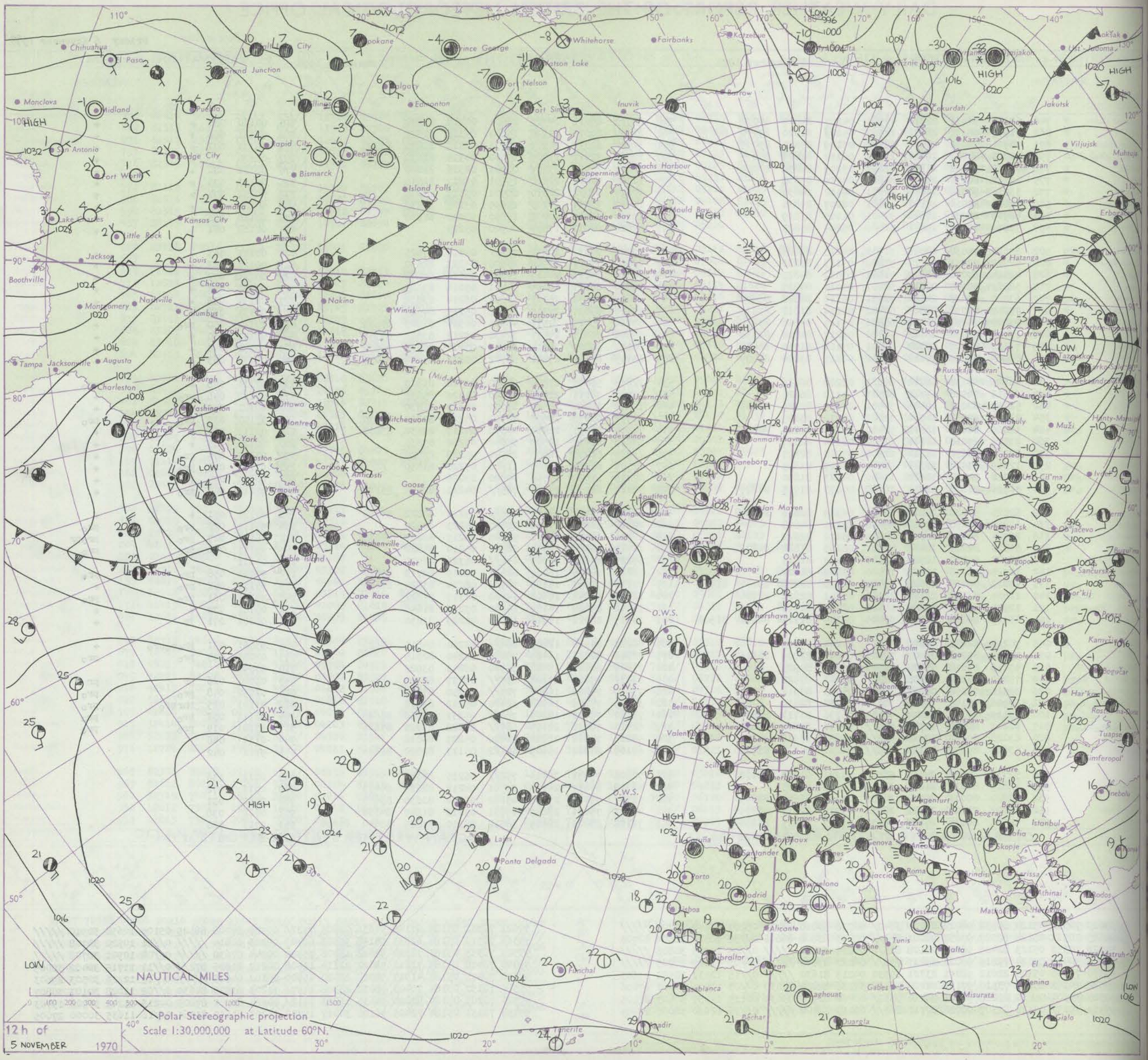
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	05124	80938	98022	09005	3242/	00728	83818	88435	05201	10644	30707	/////
B	99565	70511	05124	82527	97857	91001	843//	00313	82808	86608	0//52	10526	30504	12706
C	99529	70353	05123	82425	98022	08108	825//	00235	88820	/////	0//05	10905	30808	/////
D	99440	70411	05124	72819	98022	19215	756//	00227	87640	/////	0//09	11662	30705	/////
E	99350	70480	05124	22012	98011	23321	15530	00218	81630	/////	0//15	12132	30502	29603
I	99582	70163	05124	73510	97151	21208	58538	32238	82820	84630	0//03	11005	30401	27006
J	99525	70201	05124	81618	98601	22412	5532/	00706	81709	85630	00113	11259	30603	31105
K	99451	70157	05124	82307	96026	30717	862//	00213	88704	/////	0//16	11660	30000	27005
M														

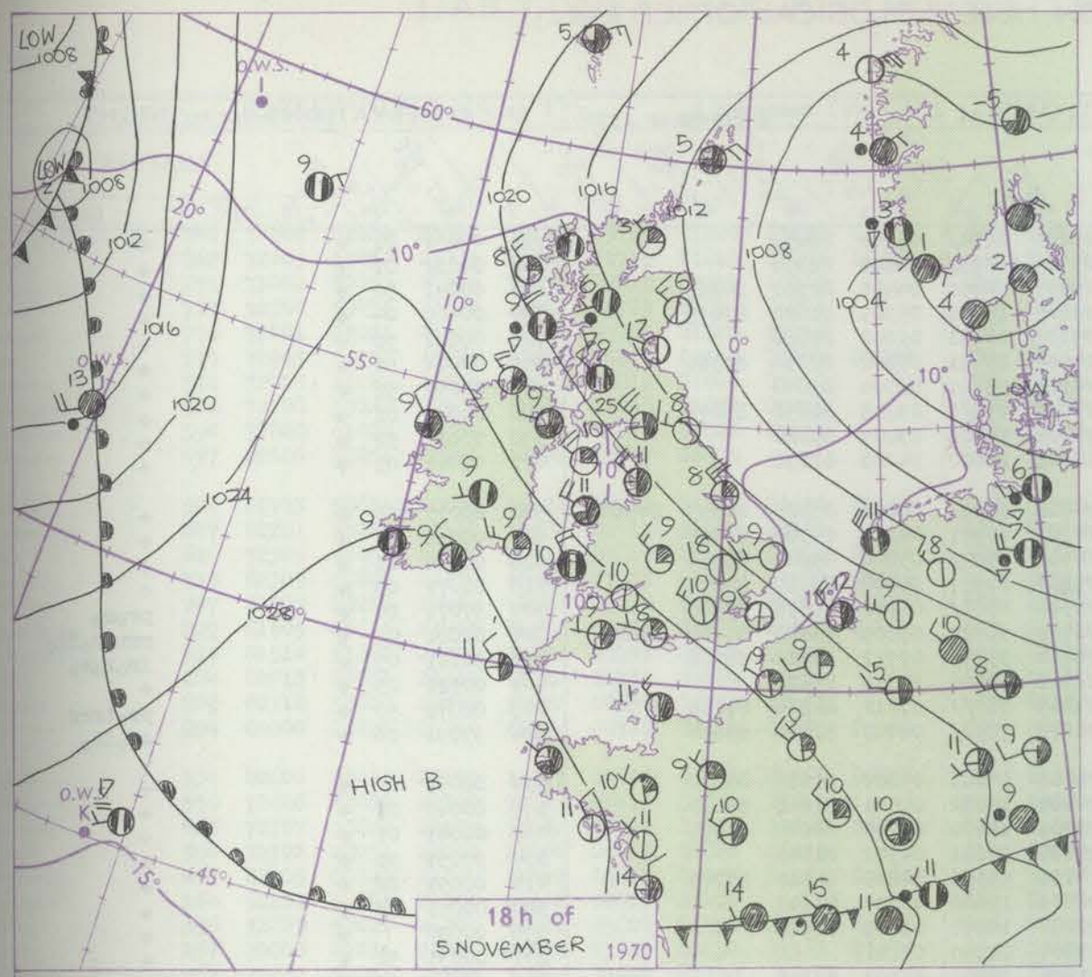
OCEAN WEATHER STATION REPORTS at 18h.

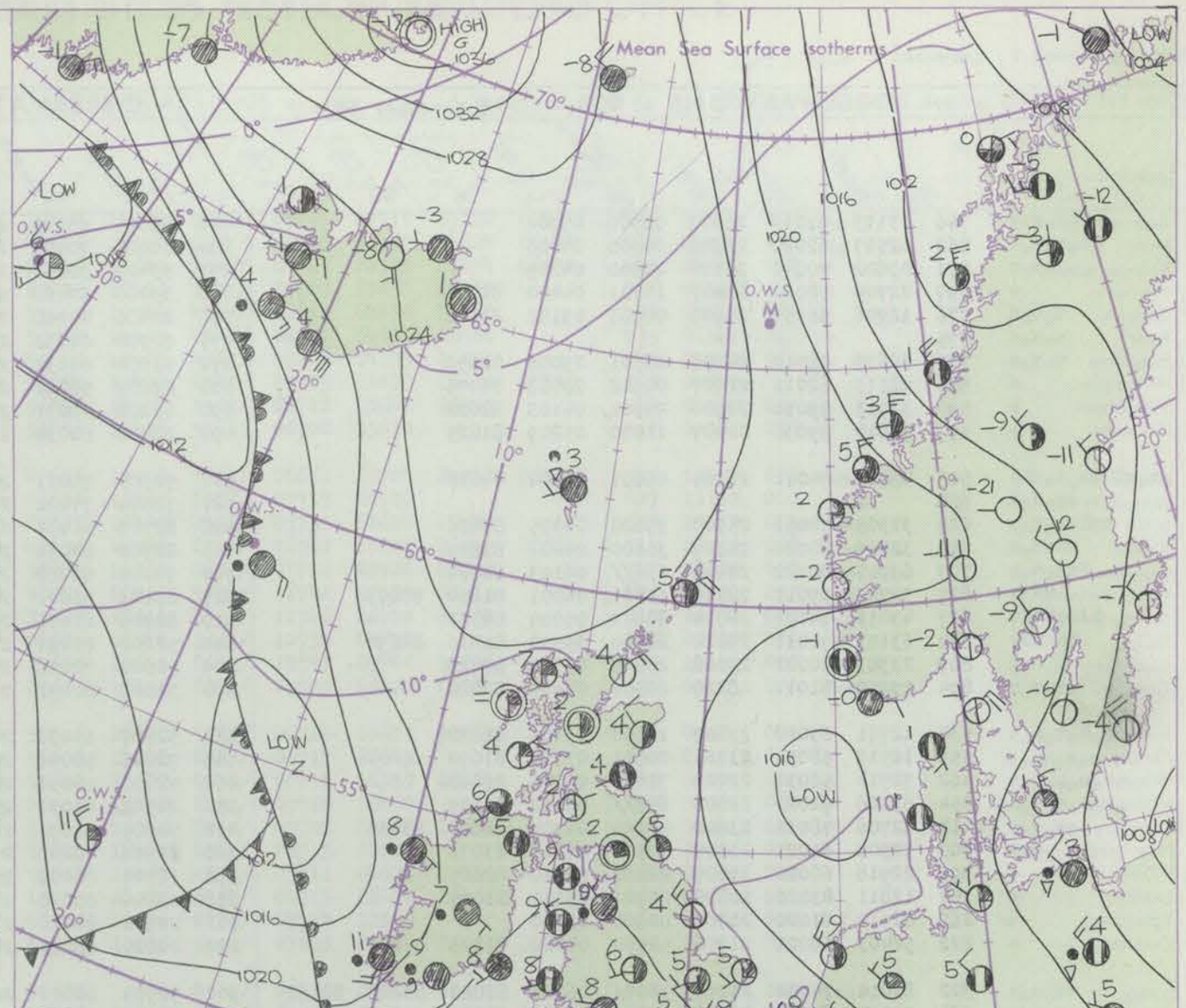
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_C$	$8N_Ch_Ch_C$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70332	05184	81146	94636	02805	7732/	00727	87708	88529	05105	10658	30910	/////
B	99566	70510	05184	62635	98148	95503	62400	00223	86814	/////	0//51	10520	30708	/////
C	99527	70355	05183	72520	98022	15408	75500	00244	87630	/////	0//04	10901	30706	/////
D	99440	70410	05184	72610	98022	22116	11508	00212	81825	872//	0//11	11715	30402	30005
E	99350	70479	05184	41917	98020	23420	45500	00102	84625	/////	0//15	12226	30503	29603
I	99580	70157	05184	70403	98032	23308	5457/	71203	81820	84630	0//02	11028	30101	30807
J	99526	70201	05184	82020	94635	15813	7712/	00624	82702	87805	00213	11242	30706	15703
K	99454	70151	05184	72405	96102	30017	15732	21203	81650	83361	0//16	11635	30000	27005
M														

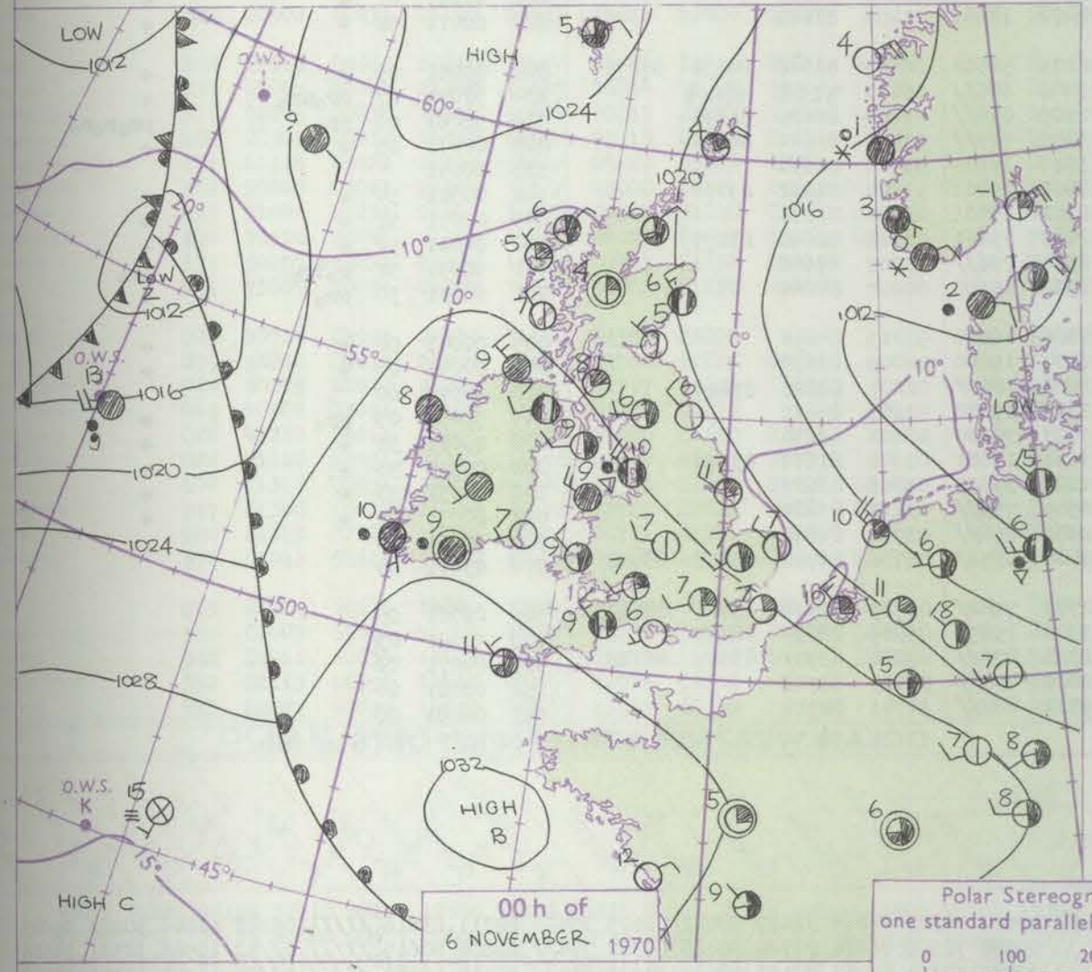
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

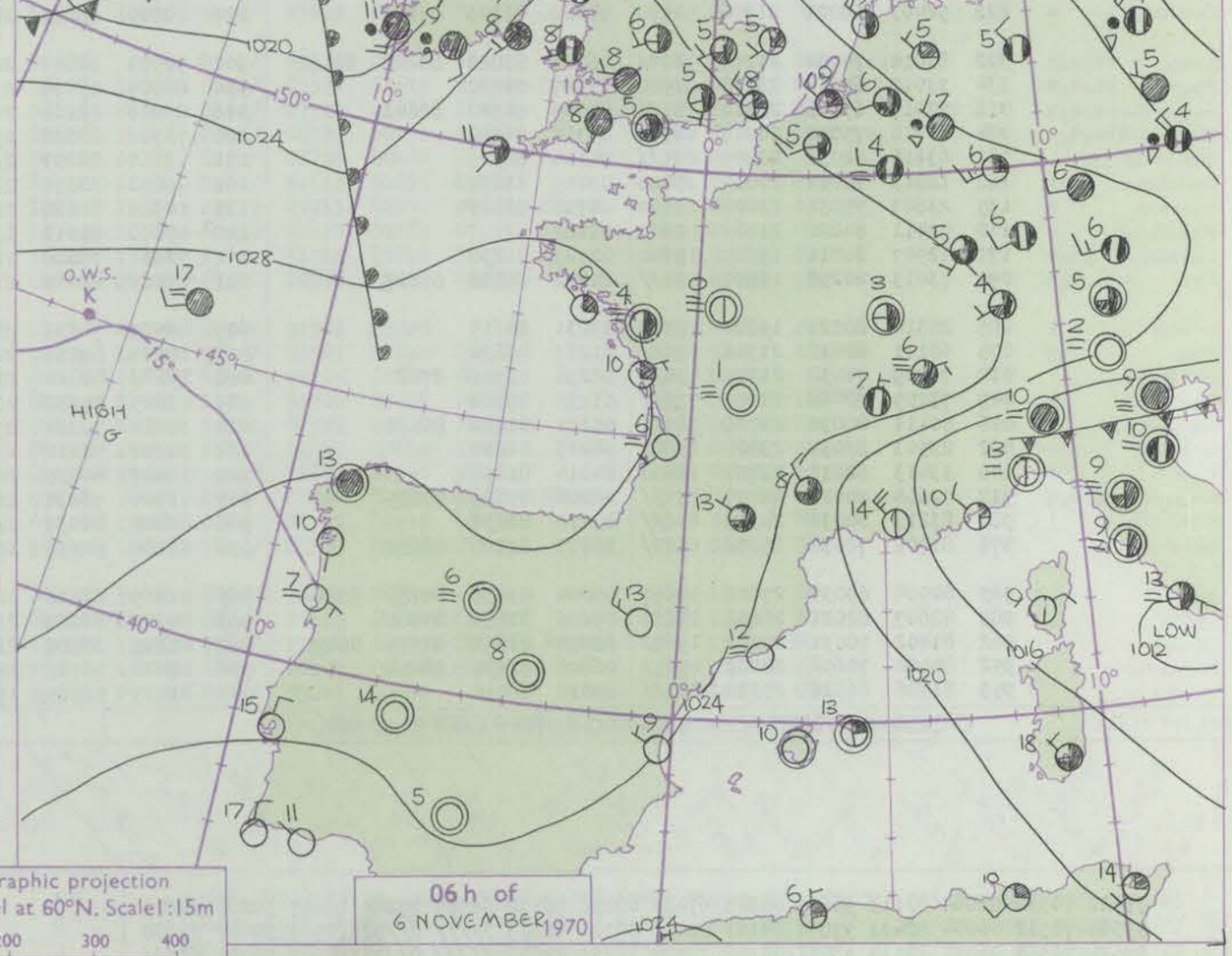








Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 6 November 1970

The complex depression which yesterday was situated to the north and northeast of Scotland has moved east into Scandinavia. A ridge of high pressure from the anticyclone centred over Biscay extends northwards across Ireland to Iceland.

During the next 24 hours pressure will remain high over Biscay but the ridge of high pressure will swing east as an Atlantic frontal system moves east into the British Isles.

OBSERVATIONS at 00h. — 6 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	03113	61010	25807	00900	05701			
Hurn	862	02507	62020	26306	00900	04003			
Thorney Island	871	03602	40040	26106	00900	04205			
Manston	797	22709	58031	23407	15701	04400	81650		
Gatwick	776	12906	56050	24906	00901	03102	81080		
Kew	775								
Heathrow	772	32609	58010	24207	25701	03006	82650		
Honington	586	42613	62011	21707	00902	03003	84075		
Wattisham	590	32913	59011	22106	25501	04103	82622		
Gorleston	497	12810	59031	20507	11500	05209	81825		
Aberporth	502	43212	74011	26309	45601	05204	84635		
Ross-on-Wye	627								
Filton	628	32303	58051	25907	35600	04105	83635		
Rhoose	715	32809	80021	26307	35600	05003	83635		
Chivenor	707	63307	80022	27410	656//	06103	86640		
Mount Batten	827	32705	59011	28310	15701	06001	81650	83075	
St. Mawgan	817	43011	74031	28810	30952	05000	83360		
Scilly	804	63103	74011	29211	68400	09500	82816	86630	
Culdrose	809	23303	80021	29208	25500	05104	82628		
Guernsey	894	23210	81011	28210	22500	04400	82820		
Elmdon	534	12711	63028	23607	15600	03106	81632		
Cardington	559	12512	58051	23705	00901	03307	81070		
Wittering	462	72714	56031	22408	756//	05208	87640		
Watnall	354	63006	62021	22808	656//	05212	86639		
Shawbury	414	42706	78011	23808	45500	04304	82625	83630	
Finningley	360	32908	61021	21607	00901	04313	83072		
Kilnsea	396	22918	66020	19607	22500	05210	82825		
Leeming	257	12811	83020	20508	00901	05111	81075		
Tynemouth	262	02910	81020	20306	00900	03230			
Carlisle	222	52403	66021	21706	58500	04220	81823	85637	
Valley	302	83014	74032	25209	3857/	06206	81822	83628	88462
Ringway	334	33012	65018	23108	31500	05107	83820		
Squires Gate	318	73019	65808	22710	785//	07009	84822	86641	
Ronaldsway	204	42710	75011	24309	48500	05314	84822		
Mull of Galloway	131	63216	82038	23209	635//	04114	86925		
Eskdalemuir	162	12813	78011	20805	15600	03015	81630		
Prestwick	135	23607	75031	22008	28500	04315	82825		
Abbotsinch	140	02411	84021	21105	00900	02222			
Leuchars	171	12907	80011	19505	15600	02123	81630		
Dyce	091	73013	80258	19506	784//	04232	85818	87628	
Lerwick	005	20320	80021	19604	25400	53231	82615		
Wick	075	60111	80018	21306	656//	01237	86630		
Sule Skerry	010	70209	74038	21307	734//	02234	83915	87620	
Cape Wrath	049	73205	85028	21707	735//	51235	87920		
Stornoway	026	50111	80038	22706	585//	05121	81822	85630	
Benbecula	022	23503	83031	23805	15601	04215	81635		
Tiree	100	13413	82018	22707	18400	04214	81818		
Aldergrove	917	72608	70021	24707	755//	04208	85624	87635	
Malin	980	83213	80038	24309	856//	02110	88632		
Belmullet	976	81702	78032	25608	6553/	06703	81720	86632	
Birr	965	82004	69031	27006	35677	05804	83636	84465	88269
Dublin	969	42607	82021	26606	25630	05006	82635	84360	
Shannon	962	81402	70031	27208	15672	06804	81640	84359	86070
Roches Point	952	80000	70606	28009	2567/	06806	82635	88458	
Valentia	953	81706	66616	27110	864//	09812	88718		

OBSERVATIONS at 06h. — 6 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83005	63021	25206	8091/	05704	88459		
Hurn	862	60000	70021	25705	6093/	04802	86358		
Thorney Island	871	53403	32051	25805	50950	04400	82360	84365	
Manston	797	33010	62020	23808	18501	05305	81820	83075	
Gatwick	776	22406	45100	25102	00901	01002	82080		
Kew	775	62304	61031	24505	25631	03202	82636	83360	
Heathrow	772	51904	61031	24505	55601	03500	85640		
Honington	586	62607	58031	23005	456/2	03208	84632	83075	
Wattisham	590	62808	58031	23404	55501	03207	85624		
Gorleston	497	22406	60030	21605	25600	04208	82630		
Aberporth	502	72305	74011	24808	5557/	05808	83622	84635	87360
Ross-on-Wye	627	72004	77021	24307	60971	04810	84360	86465	
Filton	628	82703	61031	24908	3567/	05809	83640	88359	
Rhoose	715	82902	80031	25407	60937	05808	86360	88275	
Chivenor	707	70000	82022	25509	5563/	06712	85636	87360	
Mount Batten	827	83103	56601	26709	35727	07805	83650	85460	88275
St. Mawgan	817	82705	62606	26710	3557/	07712	83622	88458	
Scilly	804	52202	81031	26511	55500	10719	85626		
Culdrose	809	70000	72018	27209	785//	07812	84820	87630	
Guernsey	894	73008	82031	26610	785//	06705	82820	87634	
Elmdon	534	52507	65031	24006	55601	03802	81635	85650	
Cardington	559	72606	58051	24005	15632	04501	81640	87070	
Wittering	462	42403	58031	23305	15604	04104	81640	84075	
Watnall	354	22504	61031	23105	15601	04702	81640		
Shawbury	414	72505	78031	24106	55506	04803	85628	87273	
Finningley	360	42906	48040	22805	15600	03305	81641		
Kilnsea	396	12914	66030	22204	10970	03209	81360		
Leeming	257	03004	83020	22304	00900	02101			
Tynemouth	262	22910	81020	21905	20940	02103	82358		
Carlisle	222	20000	66011	22402	15601	01400	81640		
Valley	302	72905	80012	24209	58508	06605	82826	84630	87275
Ringway	334	80000	65028	23408	854//	06002	82618	88628	
Squires Gate	318	83206	62608	22809	855//	07804	84625	88635	
Ronaldsway	204	72702	80031	23209	755//	05102	81624	87632	
Mull of Galloway	131	13410	84021	23507	15600	03710	81640		
Eskdalemuir	162	40000	80011	22800	25601	51400	82632	83070	
Prestwick	135	10502	80020	22202	15701	02804	81656		
Abbotsinch	140	40000	80011	22403	25601	01002	82640	83075	
Leuchars	171	72601	70026	22304	756//	03207	87640		
Dyce	091	43409	66012	21904	45600	00007	84640		
Lerwick	005	40519	74031	22805	45600	52213	84640		
Wick	075	10214	82011	23404	15600	52009	81630		
Sule Skerry	010	70309	81022	23408	785//	02207	82820	87625	
Cape Wrath	049	53605	85012	22907	55500	51203	85625		
Stornoway	026	30414	70021	23107	35600	02802	83630		
Benbecula	022	30000	72110	23101	15601	01808	81630	83077	
Tiree	100	30407	84030	22104	35500	03806	83629		
Aldergrove	917	71704	70031	22905	755//	05711	87622		
Malin	980	62005	80031	22406	656//	03712	86640		
Belmullet	976	81006	64616	19608	5552/	06736	82720	84636	88458
Birr	965	81305	62616	22707	7742/	06729	85714	85626	88460
Dublin	969	80000	80021	23706	2567/	05819	82635	88459	
Shannon	962	81113	30586	21008	870//	07840	83701	83704	86712
Roches Point	952	81410	56586	22809	873//	09735	88709		
Valentia	953	81817	56615	19311	864//	11743	88710		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00051	01	+	+
Hurn	862	00031	01	+	+
Thorney Island	871	00041	50	+	+
Manston	797	00060	04	+	+
Gatwick	776	00021	51	+	+
Kew	775	00041	51	+	+
Heathrow	772	00041	51	+	+
Honington	586	00041	02	+	+
Wattisham	590	00031	50	+	+
Gorleston	497	00041	01	+	+
Aberporth	502	00071	06	+	+
Ross-on-Wye	627	00061	03	+	+
Filton	628	00060	01	+	+
Rhoose	715	00071	03	+	+
Chivenor	707	97071	04	+	pr$_o$r$_o$
Mount Batten	827	01081	05	+	rrr$_o$r$_o$i r$_o$
St. Mawgan	817	92111	05	+	ir$_o$r$_o$r$_o$
Scilly	804	00111	05	+	+
Culdrose	809	02072	50	+	pr$_o$irrr
Guernsey	894	97091	06	+	id$_o$ir$_o$
Elmdon	534	00051	02	+	+
Cardington	559	00040	01	+	+
Wittering	462	00041	01	+	+
Watnall	354	97051	51	+	+
Shawbury	414	00051	02	+	+
Finningley	360	00051	03	+	+
Kilnsea	396	00030		+	+
Leeming	257	00031	52	+	+
Tynemouth	262	00041	01	+	+
Carlisle	222	00011	52	+	+
Valley	302	00081	05	+	+
Ringway	334	97071	07	pr$_o$pr$_o$	+
Squires Gate	318	92081	06	pr$_o$	pr$_o$r$_o$r$_o$
Ronaldsway	204	00071	05	+	+
Mull of Galloway	131	00051			
Eskdalemuir	162	00511	54	+	+
Prestwick	135	00011	51	+	+
Abbotsinch	140	00011	52	+	+
Leuchars	171	91031	52	r$_o$ir$_o$	ir$_o$
Dyce	091	96031	50	pr$_o$	+
Lerwick	005	00041	02	+	+
Wick	075	00041	00	+	+
Sule Skerry	010	00070	00		
Cape Wrath	049	97051	05	pr$_o$	+
Stornoway	026	00011	53	+	+
Benbecula	022	00501	56	+	+
Tiree	100	00031	53	+	+
Aldergrove	917	00051	02	+	+
Malin	980	97061	04		
Belmullet	976	03071	04		
Birr	965	02061	05		
Dublin	969	97051	03		
Shannon	962	04071	01		
Roches Point	952	03081	04		
Valentia	953	06081	08		

OCEAN WEATHER STATION REPORTS at 00h.

Code FM 21.D

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{sapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70330	06004	82613	96606	05805	6742/	00216	86710	88528	05204	10667	30202	99/05
B	99564	70512	06004	22421	97851	04101	22400	00126	82815	/////	0//52	10562	30607	99/08
C	99528	70354	06003	82510	98031	21908	25507	00229	82630	/////	0//05	10907	30707	/////
D	99440	70410	06004	21820	98021	24616	11501	00002	81820	/////	0//13	11693	30502	30005
E	99349	70479	06004	21818	98010	24821	21400	00008	82815	/////	0//15	12105	30503	/////
I	99583	70168	06004	81412	97022	20509	4553/	71718	84625	88359	0//05	10995	30202	30807
J	99526	70199	06004	82419	95586	16213	872//	00001	85705	88711	00213	11202	30704	15703
K	99457	70143	06004	91906	91454	30615	9////	00802	89/02	/////	0//15	11593	30000	27005
M														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{sapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70322	06064	32017	98022	08105	35400	00211	83616	/////	05202	10646	30202	99/03
B	99566	70508	06064	71704	98028	05302	754//	00804	87615	/////	0//52	10566	30301	24606
C	99527	70354	06063	82112	98022	24109	855//	00110	88630	/////	0//05	10944	30303	23708
D	99440	70410	06064	61625	98031	25017	55401	00805	85615	/////	0//15	11690	30503	99/05
E	99350	70479	06064	21923	97020	23421	25500	00605	82620	/////	0//14	12094	30605	29904
I	99586	70178	06064	81120	97616	15308	5742/	72626	85712	88530	0//08	11008	30404	99/06
J	99524	70201	06064	33120	98016	18810	383//	51228	81706	83820	05309	11239	30704	23804
K	99459	70136	06064	82312	95104	28916	863//	21610	88709	/////	0//15	11627	30804	27004
M														

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H.M.S.O. Press, Mal.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39797 — Date of Issue: Saturday 7 November 1970

OBSERVATIONS at 12h. — 6 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	72606	62022	23510	5857/	05715	81820	83630	85360
Hurn	862	72605	65032	23711	38438	07719	81818	83650	85359
Thorney Island	871	73002	50052	24210	3587/	07815	83657	86362	
Manston	797	52906	59031	23510	12602	06709	81830	85075	
Gatwick	776	72401	63021	23810	11536	05714	81820	87272	
Kew	775	72203	61032	23209	40976	05814	82360	83464	87272
Heathrow	772	72705	61022	23209	15638	05812	81640	87270	
Honington	586	72608	59022	22409	11532	04808	81822	87075	
Wattisham	590	72808	61022	22709	11508	05811	81822	87275	
Gorleston	497	62606	58051	21708	00906	05807	86075		
Aberporth	502	81713	58636	20808	6552/	07732	81620	86650	88558
Ross-on-Wye	627	82201	66022	22110	1852/	05719	81825	88460	
Filton	628	72305	62052	22711	3567/	04819	83640	85360	87462
Rhoose	715	82309	68606	22310	1547/	07823	81614	83357	88359
Chivenor	707	81507	69218	22410	4857/	07825	81820	84645	88457
Mount Batten	827	81605	66616	23409	4567/	08726	84640	85360	88462
St. Mawgan	817	81514	61616	22309	3547/	09733	82712	88459	
Scilly	804	82013	56636	21912	4732/	11733	84706	88550	
Culdrose	809	82318	58608	22712	3832/	10832	82708	88460	
Guernsey	894	80000	81216	24810	6857/	08718	82820	85635	87462
Elmdon	534	82606	61032	22509	11577	04813	81825	84363	86466
Cardington	559	72606	62032	22710	785//	06812	82820	87645	
Wittering	462	72707	58022	22209	5853/	05711	82825	85650	86362
Watnall	354	72702	28051	22009	28506	06815	81820	86272	
Shawbury	414	82405	80022	21609	28577	06819	81825	85362	87465
Finningley	360	50202	58041	21709	00902	05811	85080		
Kilnsea	396	72809	57021	21708	10578	05808	81820	84460	87275
Leeming	257	70000	47031	22008	28676	03810	81830	83362	87275
Tynemouth	262	72502	32041	21807	7097/	04807	87358		
Carlisle	222	80502	66031	21807	28517	05814	81820	88270	
Valley	302	82016	80602	20810	5547/	05722	81618	85645	88459
Ringway	334	81804	40042	21609	15637	06814	81645	84362	88268
Squires Gate	318	81205	60036	21310	58577	08813	81825	85640	86360
Ronaldsway	204	80903	80012	20710	5857/	05718	81820	85628	88465
Mull of Galloway	131	81114	80022	20309	5252/	05822	85825	88462	
Eskdalemuir	162	70000	82021	21905	785//	03808	81824	87635	
Prestwick	135	71006	81031	21107	38578	04814	81828	83364	87270
Abbotsinch	140	70506	28041	21905	15838	04809	81657	86366	86275
Leuchars	171	50207	78031	22007	15731	00707	81650	85075	
Dyce	091	73609	80031	21907	756//	51803	81632	87638	
Lerwick	005	30714	83021	24406	31500	52301	83820		
Wick	075	50808	84012	23007	58500	52704	81825	84635	
Sule Skerry	010	60609	82022	23207	685//	02707	83820	86625	
Cape Wrath	049	40902	83011	23107	41500	01702	84020		
Stornoway	026	41210	84011	22508	15630	01606	81630	83358	
Benbecula	022	71110	85031	21307	15572	03710	81625	87070	
Tiree	100	71316	87031	19809	40438	05715	81818	83628	85362
Aldergrove	917	81308	66022	19409	25572	03722	82622	84360	87070
Malin	980	81313	82022	18909	3852/	06721	81820	88460	
Belmullet	976	81011	58616	13508	5642/	07726	83711	83640	88457
Birr	965	81412	60615	14609	7742/	08747	87710	88458	
Dublin	969	81407	59616	18907	1642/	06733	81715	84550	88459
Shannon	962	81411	60635	13811	873//	11734	83706	84710	88714
Roches Point	952	82113	16596	14812	871//	12745	88702		
Valentia	953	82807	50616	14613	863//	13615	88708		

OBSERVATIONS at 18h. — 6 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	81509	58616	18307	7542/	07725	82715	87620	88460
Hurn	862	80702	40616	18108	854//	08728	83710	84620	88630
Thorney Island	871	81102	58616	19609	854//	09719	82712	87634	88650
Manston	797	82005	60022	20408	3577/	05808	83650	88462	
Gatwick	776	80000	57602	19708	4567/	06617	84636	88460	
Kew	775	81601	58602	19109	4562/	04717	84634	88460	
Heathrow	772	81504	59602	18909	4567/	05716	84635	88459	
Honington	586	80000	56032	19408	6567/	05709	83638	86650	88365
Wattisham	590	82707	56032	19507	3567/	05712	83645	88465	
Gorleston	497	52304	56052	19408	55600	06708	85630		
Aberporth	502	81730	40636	10008	7732/	08660	85708	87713	88550
Ross-on-Wye	627	80902	48636	16008	873//	07735	88708		
Filton	628	81207	37636	16408	4552/	07735	84620	88534	
Rhoose	715	81013	40636	14908	870//	08743	81701	86702	88704
Chivenor	707	81108	56636	12910	863//	09752	83706	88712	
Mount Batten	827	82015	48656	15011	7722/	11742	87704	88519	
St. Mawgan	817	81818	37616	13211	871//	11746	86702	88704	
Scilly	804	92610	04536	12812	9////	12734	89/00		
Culdrose	809	82123	17636	13611	860//	11847	85700	88706	
Guernsey	894	82015	60616	18411	6557/	09729	86620	87360	
Elmdon	534	81505	57516	17807	5562/	06720	85636	88461	
Cardington	559	80000	56606	19208	856//	06717	88645		
Wittering	462	81802	59602	18807	8097/	06715	86359	88461	
Watnall	354	80000	26615	18308	8092/	05718	88460		
Shawbury	414	81006	56616	16907	855//	07723	85628	88634	
Finningley	360	81004	57042	18407	856//	06715	88648		
Kilnsea	396	70000	66012	19407	4557/	05711	84625	87360	
Leeming	257	80602	19042	18907	6562/	04713	86640	88462	
Tynemouth	262	83402	48042	19106	8097/	03712	88359		
Carlisle	222	80709	62022	18106	5557/	03613	82626	85635	87465
Valley	302	80912	56636	13508	4562/	07738	84640	88550	
Ringway	334	81307	56606	17208	6552/	05724	82625	85656	88462
Squires Gate	318	81007	56616	16608	5562/	07722	85635	88459	
Ronaldsway	204	81013	60636	15108	854//	06727	84711	88630	
Mull of Galloway	131	81121	74606	15307	8092/	06730	88460		
Eskdalemuir	162	70407	67032	18802	3561/	51613	83635	87460	
Prestwick	135	80810	62022	17804	25737	01711	82650	84360	88272
Abbotsinch	140	70610	56042	18905	60938	50710	86362	87275	
Leuchars	171	70206	78022	19303	35608	51712	83640	87272	
Dyce	091	63307	64046	20803	65500	02606	81620	86625	
Lerwick	005	50000	83031	24304	52501	51302	85820		
Wick	075	71405	82252	22105	784//	03501	83815	86630	
Sule Skerry	010	40509	82011	21606	48500	01705	82820	84625	
Cape Wrath	049	80910	82032	21405	3557/	51706	83620	88360	
Stornoway	026	61010	84011	20805	35501	00501	83620	86075	
Benbecula	022	70806	84022	19305	3572/	02605	83650	87460	
Tiree	100	81113	86032	17607	1562/	02604	81630	88460	
Aldergrove	917	81110	58636	14607	6542/	05614	82712	86624	88556
Malin	980	81315	65616	15208	6647/	06707	86717	88459	
Belmullet	976	70804	59215	11608	762//	08303	85705	87709	
Birr	965	82607	60206	10011	863//	10612	88709		
Dublin	969	81112	61636	11309	862//	09625	84704	88707	
Shannon	962	72818	57106	11012	772//	11504	82705	84708	87712
Roches Point	952	73122	75026	11312	6647/	10707	86710	84359	
Valentia	953	83316	65605	14311	864//	09201	88714		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	06111	000	r_o	rrr_or_o
Hurn	862	05121	013	r_o	$r_od_or_or$
Thorney Island	871	03111	005	+	r_orr
Manston	797	00110		+	+
Gatwick	776	01111	004	+	r_or_or
Kew	775	01101	003	+	r_or_or
Heathrow	772	01112	001	+	r_or_or
Honington	586	00101		+	+
Wattisham	590	00100	040	+	+
Gorleston	497	00101	036	+	+
Aberporth	502	12092	000	ir_orrdd	$ddr_or_orrRRr_or_o$
Ross-on-Wye	627	11102	000	d_or_o	r_or_orr
Filton	628	13112	001	r_or_o	r_or_orrRrr
Rhoose	715	20112	000	$ir_or_or_o$	r_orrRr
Chivenor	707	13122	000	$ir_or_or_o$	d_or_orrR
Mount Batten	827	16121	000	r_or_o	$rrRR$
St. Mawgan	817	12132	000	r_or_o	$rrRRrr1f$
Scilly	804	09132	000	rr	$ddffdd$
Culdrose	809	10132	000	$rrir_o$	rr
Guernsey	894	03121	000	$d_or_or_or_o$	r_or_orr
Elmdon	534	03101	001	+	$r_od_or_od_or$
Cardington	559	01101	011	+	$r_or_or_or$
Wittering	462	01101	000	+	$r_or_od_or_odr$
Watnall	354	01101	000	+	$d_or_or_od_or_o$
Shawbury	414	06101	000	+	r_or_orr
Finningley	360	97101	023	+	r_or_o
Kilnsea	396	00090	026	+	+
Leeming	257	00081	012	+	+
Tynemouth	262	00081	000	+	+
Carlisle	222	00081	000	+	+
Valley	302	12102	000	$ir_or_or_o$	r_or_orr
Ringway	334	02102	001	+	r_or_orr
Squires Gate	318	01101	001	+	r_or_or
Ronaldsway	204	06101	000	ir_o	r_or_orrR
Mull of Galloway	131	02091			
Eskdalemuir	162	00061	000	+	+
Prestwick	135	00081	001	+	+
Abbotsinch	140	00071	000	+	+
Leuchars	171	92081	057	+	r_or_o
Dyce	091	01071	020	+	r_or
Lerwick	005	00063	054	+	+
Wick	075	92071	018	+	pr
Sule Skerry	010	00080			
Cape Wrath	049	00071	020	+	+
Stornoway	026	00081	032	+	+
Benbecula	022	00081	004	+	+
Tiree	100	00091	007	+	+
Aldergrove	917	08102	001	$r_o-r_or_o$	$r_or_orr_o$
Malin	980	9609	000		
Belmullet	976	0809	000		
Birr	965	1312	000		
Dublin	969	1809	000		
Shannon	962	2313	000		
Roches Point	952	1114	000		
Valentia	953	1214	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

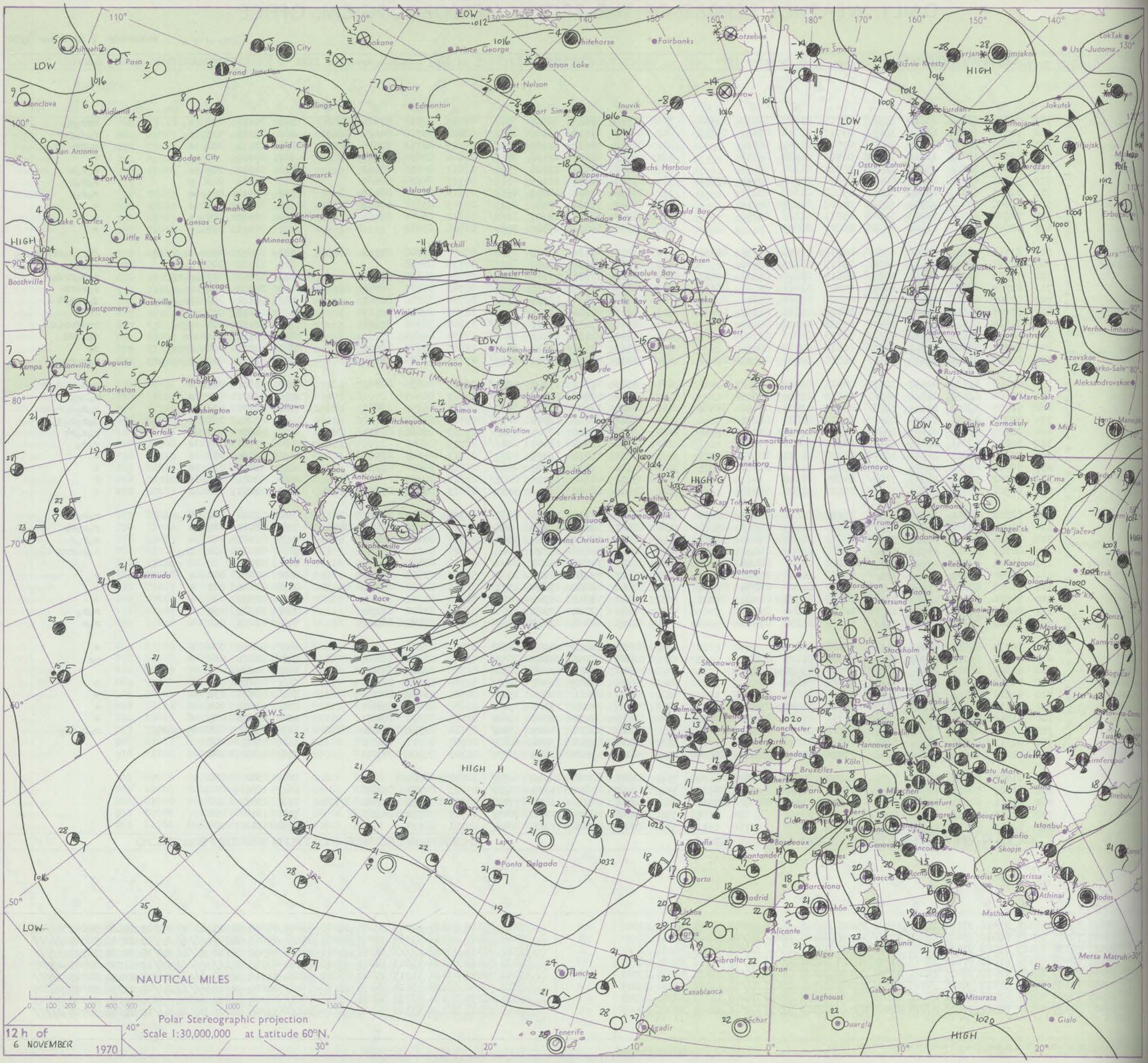
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99623	70320	06124	32418	97150	12505	19400	00221	81915	/////	05250	10544	30202	23708
B	99565	70511	06124	80840	93687	89002	873//	00798	88706	/////	0//00	10562	30608	/////
C	99527	70354	06123	81918	97616	22009	874//	00826	88716	/////	0//09	10903	30706	/////
D	99431	70410	06124	81822	97612	28017	6737/	00115	86808	/////	0//17	11718	30503	28095
E	99349	70480	06124	72019	98031	24821	45504	00110	84625	830//	0//15	12136	30503	29703
I	99588	70188	06124	81430	96616	14709	7532/	61303	84708	87615	0//08	11040	30506	08805
J	99525	70200	06124	43222	99011	24811	25602	00234	82635	84068	05209	11231	30705	27903
K	99460	70135	06124	72522	97806	26816	22488	797//	82810	86359	0//16	11631	30603	30003
M														

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99624	70319	06184	62019	97806	14005	69400	00202	83915	83827	05303	10662	30202	99/06
B	99565	70511	06184	81935	93447	68007	873//	00646	88707	/////	0//05	10502	30809	/////
C	99527	70355	06183	/////	96106	21011	864//	00502	88710	/////	0//10	10931	30707	/////
D	99432	70412	06184	71819	98022	25518	00908	61715	872//	/////	0//17	11724	30503	25905
E	99348	70477	06184	71917	97022	23022	74500	31510	87620	/////	0//15	12151	30503	/////
I	99588	70188	06184	53125	96156	19108	534//	00229	81912	/////	0//05	11038	30606	08805
J	99524	70197	06184	73317	98021	27811	4555/	00212	82622	86359	05309	11241	30705	28003
K	99458	70138	06184	83326	96508	25815	862//	51205	86705	88620	0//15	11671	30705	/////
M														

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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HIGH
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Sable Island
Shepherdville
Nottingham Island
Port Harrison
Fort Chimo
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Lake Dyer
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Godthab
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Ostrov Zahova
Nižnie Kresty
Verhojansk
Oimjakon
Tiksi
Olenek
Tura
Igarka
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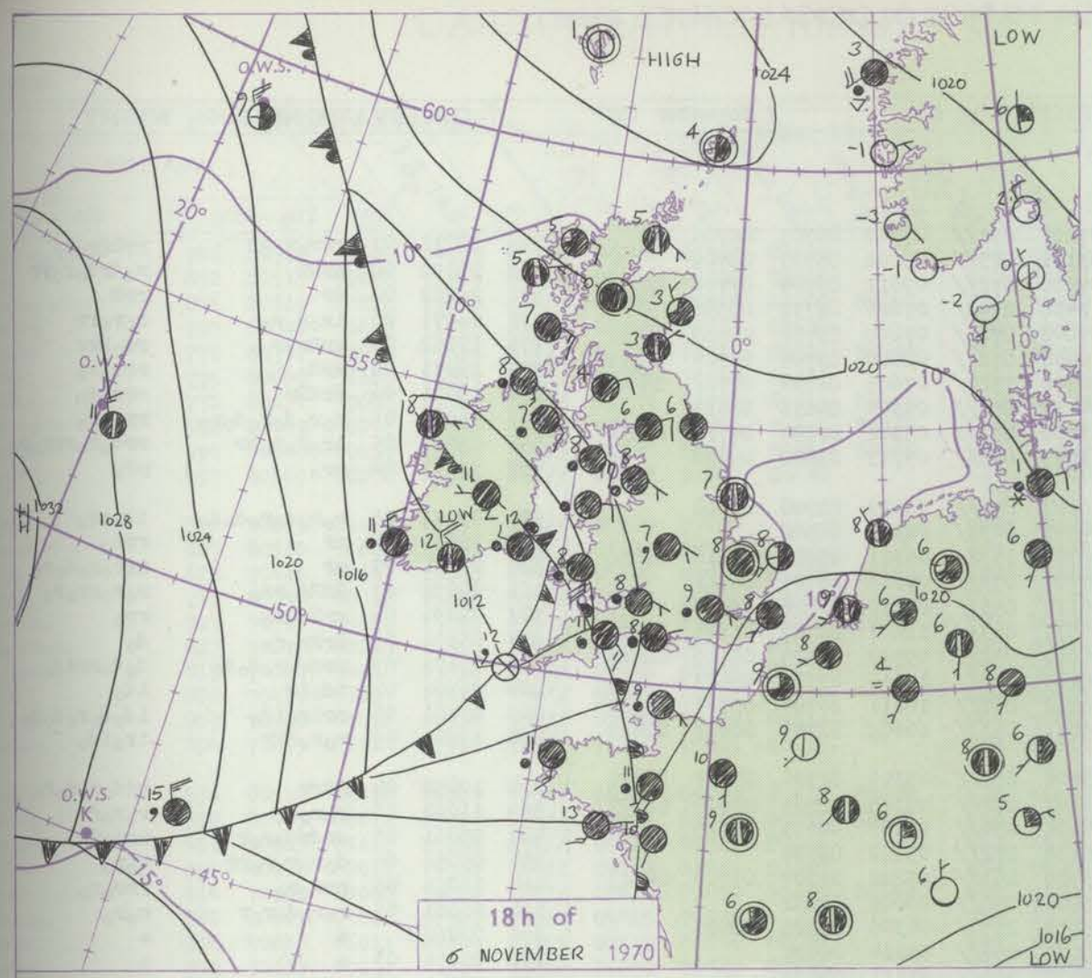
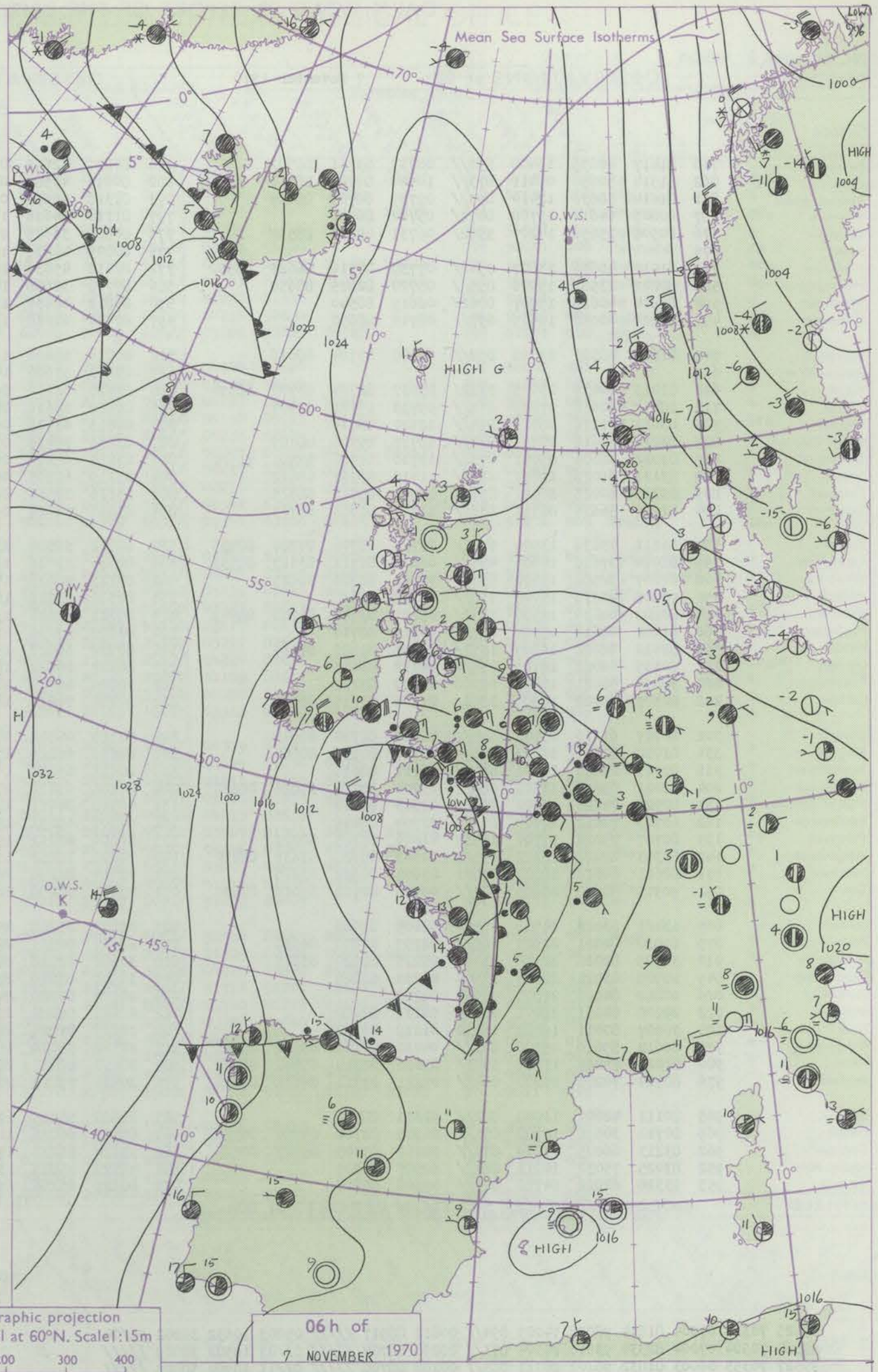
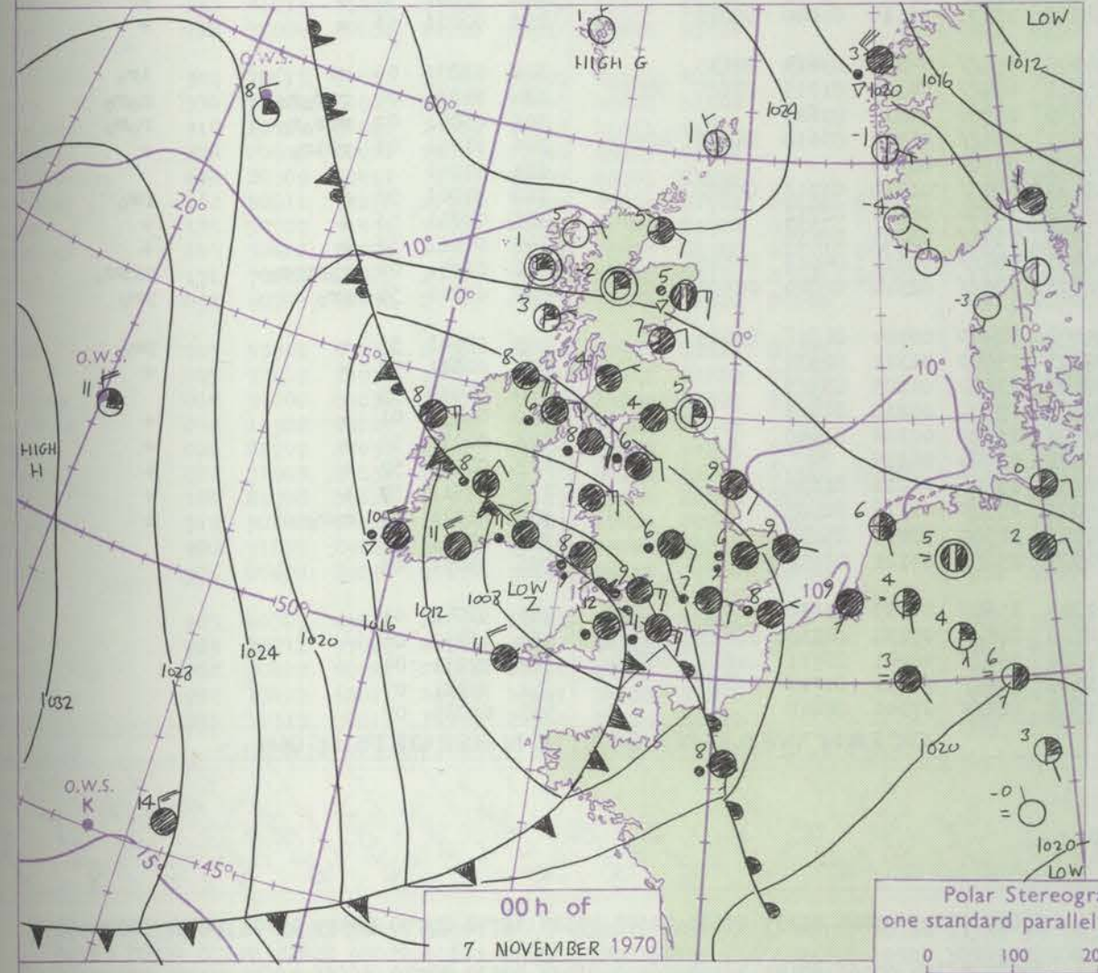
Perm'
Sverdlovsk
Omsk
Barnaul
Irkutsk
Ulan Bator
Peking
Tokyo
Seoul
Hong Kong
Manila
Darwin
Perth
Adelaide
Melbourne
Sydney
Auckland
Wellington
Honolulu
Midway
Guam
Anchorage
Juneau
Seattle
Portland
San Francisco
Los Angeles
Salt Lake City
Denver
Albuquerque
Phoenix
Dallas
Houston
New Orleans
Atlanta
Miami
Tampa
Jacksonville
Charleston
Norfolk
New York
Boston
Montreal
Ottawa
Toronto
Winnipeg
Regina
Calgary
Vancouver
Victoria
Prince Rupert
Whitehorse
Dawson
Fairbanks
Nome
Kotzebue
Barrow
Point Hope
Kotzebue
Bethel
Kodiak
Cold Bay
Shemya
Attu
Midway
Honolulu
Hilo
Kwajalein
Eniwetok
Truk
Guam
Manila
Hong Kong
Taipei
Naha
Okinawa
Shanghai
Tsingtao
Peking
Ulan Bator
Irkutsk
Yakutsk
Khabarovsk
Vladivostok
Petropavlovsk
Magadan
Anadyr'
Provideniya
Wrangel Island
Tiksi







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 7 November 1970

The depression which was centred over the North Sea yesterday has filled. Another depression which was situated to the west of Ireland yesterday has moved slowly southeast towards the Channel and deepened. During the next 24 hours this depression will move away into the Continent and a ridge of high pressure will extend northeastwards across the north of the British Isles from an anticyclone in mid-Atlantic. However, troughs of low pressure associated with a deep depression over southern Greenland will advance eastwards towards northwestern areas late tonight.

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

Code FM 11.D

OBSERVATIONS at 00h. 7 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81417	40636	10408	870//	00739	83701	88702	
Hurn	862	81514	50656	09411	873//	10744	86706	88710	
Thorney Island	871	81614	58636	12410	853//	09739	86709	88619	
Manston	797	80805	64612	15708	8072/	05722	88556		
Gatwick	776	80908	25656	14207	5552/	06731	85623	88550	
Kew	775								
Heathrow	772	81012	40636	13807	7542/	07730	84716	86623	88550
Honington	586	80802	23502	15906	855//	05720	82625	88650	
Wattisham	590	80904	40616	15907	8062/	06819	88540		
Gorleston	497	81202	60022	16609	857//	06715	88650		
Aberporth	502	81610	48586	07008	852//	08607	83704	88616	
Ross-on-Wye	627								
Filton	628	81015	40636	08609	7722/	07637	82704	86706	88514
Rhoose	715	80612	56616	07009	871//	09733	85702	88707	
Chivenor	707	83013	61216	06413	874//	12620	88714		
Mount Batten	827	83014	62616	07713	873//	12717	85706	88709	
St. Mawgan	817	83022	58606	09011	873//	11710	84706	85709	88712
Scilly	804	83121	69026	10811	853//	11710	85707	88618	
Culdrose	809	83215	60026	10011	854//	10000	85710	88625	
Guernsey	894	81920	56636	09711	872//	11748	83703	88705	
Elmdon	534	81111	45636	13406	6732/	05724	83706	84708	88535
Cardington	559	81010	37616	14606	4542/	06826	82712	83623	88533
Wittering	462	81007	32586	15106	853//	05722	82708	88625	
Watnall	354	70908	40616	15006	756//	05719	87630		
Shawbury	414	80909	40616	12306	5732/	05621	83706	84708	88549
Finningley	360	81105	48616	15506	874//	06715	88716		
Kilnsea	396	81410	66022	16209	1557/	03717	81625	88460	
Leeming	257	80105	66022	16705	856//	04712	88635		
Tynemouth	262	30000	58021	17505	00908	03708	83275		
Carlisle	222	80507	59022	16904	3562/	01804	83635	88462	
Valley	302	80717	61216	09707	854//	06611	81710	88645	
Ringway	334	81010	62636	14007	856//	05717	86630	88650	
Squires Gate	318	80711	24636	14206	854//	06712	88618		
Ronaldsway	204	81021	65616	13308	854//	05704	83714	87626	88650
Mull of Galloway	131	80726	74026	14506	8092/	02303	88460		
Eskdalemuir	162	63503	78012	17900	6092/	52704	86459		
Prestwick	135	80707	75022	17704	30937	01208	83365	88272	
Abbotsinch	140	80303	62022	18302	655/7	00603	84620	83635	88270
Leuchars	171	60611	80016	18207	45501	03605	84622	83075	
Dyce	091	70913	58818	20605	784//	03305	82712	85816	87630
Lerwick	005	13403	83028	24501	15500	52105	81620		
Wick	075	61010	82021	22905	685//	02207	81820	86630	
Sule Skerry	010	30705	82018	22906	33500	03210	82920	83625	
Cape Wrath	049	20905	83021	22305	25500	01210	82625		
Stornoway	026	00812	84021	21805	00900	00208			
Benbecula	022	20000	84011	21001	00908	50211	82080		
Tiree	100	30507	87011	19403	15632	01212	81630		
Aldergrove	917	80612	59616	15106	853//	04210	82708	85612	88635
Malin	980	81021	75026	17108	5547/	03318	82718	85640	88358
Belmullet	976	80514	70205	15308	864//	07221	83711	84718	87636
Birr	965	80111	48606	11008	862//	08311	88704		
Dublin	969	80712	30596	10708	871//	08305	82702	85704	88706
Shannon	962	83213	66025	11809	872//	08211	83705	85707	88709
Roches Point	952	83025	75032	10111	863//	09507	88707		
Valentia	953	83320	62806	14710	824//	09506	88815		

OBSERVATIONS at 06h. 7 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
	746	80826	32656	07007	872//	07500	86705	88706	
	862	80616	40586	03111	873//	09602	85707	88708	
	871	81318	48636	07010	872//	09612	83704	87706	88712
	797	81114	64616	12408	2742/	07606	82712	88556	
	776	80809	36636	09808	872//	07608	82704	84708	88712
	775	80809	48636	10408	872//	08606	83704	85707	88712
	772	80612	45636	10108	7722/	07605	82704	87706	88545
	586	80708	32636	14107	854//	05303	84616	88635	
	590	80812	40636	13706	852//	05302	82705	84710	88630
	497	80000	62028	13409	885//	07713	83820	88650	
	502	80816	58606	10107	853//	05332	83708	88618	
	627	80613	57606	10307	8032/	06315	88508		
	628	80516	62616	08707	7532/	06321	85708	86616	88528
	715	80518	58636	07707	873//	07319	85707	88712	
	707	80613	62626	06110	853//	08310	85708	88618	
	827	83205	74036	05511	863//	11607	82706	83709	88714
	817	83214	61206	06610	852//	09507	82705	86710	88618
	804	83319	61205	08111	854//	10610	83710	88623	
	809	83216	33586	06910	852//	10811	84704	85706	88620
	894	83015	74026	05811	853//	10609	82708	86612	88620
	534	80612	59586	13506	853//	05316	82706	85707	88620
	559	80614	37616	12807	872//	07305	82705	86706	88707
	462	80713	48636	14606	854//	05109	84615	88629	
	354	80510	23616	15106	872//	05210	88704		
	414	80612	62616	13906	853//	05222	82707	85710	88625
	360	80605	57036	15807	856//	06009	88632		
	396	80920	66022	15909	2557/	04305	82625	88460	
	257	80307	80022	18005	856//	03214	88632		
	262	70008	66021	18507	755//	03111	87625		
	222	50204	74012	18602	15631	50110	81640	85075	
	302	70718	66012	14208	754//	05232	83615	87635	
	334	80609	65216	15306	854//	04115	81715	83620	88645
	318	20613	65016	16006	25500	04215	81620		
	204	80106	65016	17307	854//	04322	83618	84626	88643
	131	00518	84011	17505	00900	03220			
	162	60307	69251	19103	684//	01210	83712	84820	
	135	30000	62011	19502	36400	01106	82712		
	140	70308	70031	19705	756//	03205	87636		
	171	70615	82258	20407	784//	04311	84816	87645	
	091	73607	70258	22603	785//	02310	82820	86630	
	005	32807	83268	25002	38400	00304	81818	83625	
	075	20707	80031	24703	25600	01311	82630		
	010	30502	82028	24106	33400	04205	83915		
	049	10908	83020	24605	15500	00218	81625		
	026	10906	84020	24404	15600	02214	81640		
	022	00603	86020	23801	00900	00215			
	100	10609	87020	22101	15600	50211	81630		
	917	20106	59026	18803	25500	01218	82625		
	980	30613	82031	20707	32500	02216	83820		
	976	20410	77016	20907	25600	04121	82632		
	965	33608	58215	17806	35600	04239	83630		
	969	80415	66026	16708	864//	05238	84716	88625	
	962	73614	66038	17807	754//	06241	82711	84620	86645
	952	73529	75015	13509	754//	06231	81714	87634	
	953	80321	65256	17509	824//	07341	88818		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	30071	07	rrr_or_oRR	$rrRR_or_o$
Hurn	862	30092	08	rrRR	$r_od_rd_or_oR$
Thorney Island	871	29082	08	rr	rrR
Manston	797	06071	06	$ir_or_or_o$	r_or_or
Gatwick	776	17062	06	rrR_or	rr_oRrr
Kew	775	16071	06	rrR	rrr_or_o
Heathrow	772	19071	06	rrRRr	rrr_or_o
Honington	586	05061	05	$r_or_od_or_od_or_o$	rrr_or_o
Wattisham	590	05061	05	$ir_or_or_orr$	$rrd_or_orrr_or_o$
Gorleston	497	92072	06	pr_o	pr_o
Aberporth	502	03071	05	$r_or_od_or_od_od_o$	id_oir_o
Ross-on-Wye	627	15061	06	rr	rrr_o
Filton	628	17071	07	rr	$rrr_or_od_or_o$
Rhoose	715	20072	07	$RRRr_orr_o$	$r_or_orr_or_o$
Chivenor	707	05091	08	$rrRd_or_o$	rr_o
Mount Batten	827	05101	09	$rrRr_or_o$	d_o
St. Mawgan	817	05101	09	$frrr_or_od_od_o$	$d_od_orrid_o$
Scilly	804	96101	07	id_oid	id_o
Culdrose	809	03101	06	$rrir_oid_o$	$id_od_or_od_od_o$
Guernsey	894	19101	09	r_or_oRRr	ir_oid_o
Elmdon	534	10052	04	RRrr	$rrd_or_or_or_o$
Cardington	559	11062	06	r_or_orr	r_or_or
Wittering	462	05061	05	$drdrd_or_or$	rrr_or_o
Watnall	354	05051	04	$d_or_or_or_orr$	r_or_o
Shawbury	414	11051	05	rrr_or_o	rrr_or_o
Finningley	360	01061	05	$r_or_od_or_or$	r_or_o
Kilnsea	396	00060		+	+
Leeming	257	00051	03	+	+
Tynemouth	262	93041	51	+	pr
Carlisle	222	00011	53	+	+
Valley	302	03071	06	rr	ir_o
Ringway	334	04061	04	rrr_or_o	r_or_o
Squires Gate	318	03051	02	rrr_or_o	r_or_o
Ronaldsway	204	01051	03	$rrir_o$	+
Mull of Galloway	131	91051			
Eskdalemuir	162	97001	52	+	pr_o
Prestwick	135	00011	53	+	+
Abbotsinch	140	00011	52	+	+
Leuchars	171	02031	00	r_oprpr_o	$prpr_o$
Dyce	091	02011	51	pr_o	pr_o
Lerwick	005	95503	56	+	pr_o
Wick	075	00531	52	+	+
Sule Skerry	010	03050	55		
Cape Wrath	049	00031	01	+	+
Stornoway	026	00031	52	+	+
Benbecula	022	00523	57	+	+
Tiree	100	00511	57	+	+
Aldergrove	917	01021	51	r_or_o	+
Malin	980	02071	03		
Belmullet	976	93071	05		
Birr	965	92041	03		
Dublin	969	16072	06		
Shannon	962	97051	04		
Roches Point	952	97081	07		
Valentia	953	02081	07		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99625	70314	07004	81614	98028	14005	894//	00812	88917	/////	05203	10632	30202	99/04
B	99564	70504	07004	82334	93616	80504	873//	00296	88707	/////	0//03	10502	30809	/////
C	99527	70355	06003	81832	96102	20711	863//	00208	88708	/////	0//11	10900	30808	/////
D	99431	70425	07004	72027	97032	25018	784//	62805	81815	87635	0//14	11676	30606	/////
E	99349	70479	07004	81816	97021	23721	30937	00003	83360	882//	0//18	12125	30503	/////
I	99588	70186	07004	23212	98011	23108	25600	71115	82640	/////	0//03	11043	30303	99/05
J	99524	70197	07004	23119	98011	30511	25600	00007	82640	/////	05309	11263	30705	28003
K	99455	70142	07004	83424	97032	28214	856//	00108	88635	/////	0//10	11662	30807	/////
M	99644	10025	07004	53625	97878	18702	59400	81107	82915	83820	06252	10823	30604	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99629	70295	07064	81237	96626	04504	7732/	12750	87708	88529	05304	10674	30505	/////
B														
C	99527	70354	07063	82145	96102	16912	864//	00517	88710	/////	0//11	10900	30809	/////
D	99433	70433	07064	81930	97022	23518	28407	61804	81815	882//	0//16	11727	30606	/////
E	99350	70480	07064	41816	98021	22721	25508	80710	82620	832//	0//08	12130	30503	/////
I	99589	70192	07064	82110	97601	21808	856//	00613	88630	/////	0//05	10950	30201	99/06
J	99525	70202	07064	72819	97011	30911	756//	61104	87630	/////	05211	11224	31003	31705
K	99454	70145	07064	63529	97012	28414	68500	81302	82830	86650	00/09	11620	30910	/////
M	99645	10025	07064	23519	98018	20103	28500	81008	81820	/////	05952	10826	30604	00/00

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H.M.S.O. Press, Met.O. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39798 — Date of Issue: Sunday 8 November 1970

OBSERVATIONS at 12h. — 7 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	80716	66026	14909	854//	06244	85711	88622	
Hurn	862	80515	50616	12909	853//	07256	85708	88614	
Thorney Island	871	80615	64216	13909	854//	07236	82715	86620	88645
Manston	797	80811	60606	16708	884//	07225	84814	88628	
Gatwick	776	80711	63036	15409	854//	07233	82712	86615	88630
Kew	775	80608	56606	16209	854//	07235	86712	88630	
Heathrow	772	80611	59606	15409	6547/	07134	83710	85615	88459
Honington	586	80409	48056	18408	5837/	06229	82706	84635	88364
Wattisham	590	80608	60036	18009	6542/	07128	85618	85656	88465
Gorleston	497	80505	60258	18910	885//	07233	82820	88630	
Aberporth	502	70815	61056	17507	715//	05029	87820		
Ross-on-Wye	627	80510	60606	17207	864//	06136	88710		
Filton	628	70415	64606	16008	6547/	05144	83710	85628	87359
Rhoose	715	80319	68216	15608	854//	05147	85714	88645	
Chivenor	707	70517	69016	14709	6547/	06144	83716	86622	87460
Mount Batten	827	70219	62025	11810	754//	07238	81710	87618	
St. Mawgan	817	70322	74016	13310	754//	07156	82614	87618	
Scilly	804	70424	61025	13011	784//	09242	83816	87620	
Culdrose	809	70520	81026	11910	754//	07145	82710	87616	
Guernsey	894	73209	82022	07512	784//	10214	83815	86630	
Elmdon	534	80510	59516	18707	7732/	06029	85709	85634	88459
Cardington	559	80413	48616	18207	854//	07235	81710	85716	88625
Wittering	462	80613	61616	19108	854//	07129	84712	88635	
Watnall	354	40516	62016	19908	38431	04123	81816	83640	
Shawbury	414	70510	61046	19808	784//	05020	83816	85630	87650
Finningley	360	10613	74016	20509	11531	04015	81820		
Kilnsea	396	40818	66011	20609	21571	02128	82825	84075	
Leeming	257	30613	80031	21609	38500	01010	81825	83635	
Tynemouth	262	71013	81028	22408	755//	01111	87625		
Carlisle	222	71004	82031	22108	6853/	04808	85822		
Valley	302	20618	69026	20309	28400	05113	81818		
Ringway	334	20614	60018	20608	18502	06022	81820		
Squires Gate	318	10714	70021	20809	18542	05011	81825		
Ronaldsway	204	20608	80021	22009	11501	03305	81828		
Mull of Galloway	131	20309	80011	22709	11501	03303	81825		
Eskdalemuir	162	50811	74258	22905	53400	03601	81712	84824	81920
Prestwick	135	50507	70031	23807	48401	04303	81818	83822	
Abbotsinch	140	70412	75021	24507	784//	04304	81716	83818	86635
Leuchars	171	70613	80028	24407	784//	03301	81712	83825	86645
Dyce	091	60705	82038	25507	68501	51504	81820	86630	
Lerwick	005	53504	83038	25704	28405	00500	81818	84275	
Wick	075	72802	85031	26307	11508	03101	81820	87270	
Sule Skerry	010	70000	84031	25907	31506	04209	83825	87270	
Cape Wrath	049	10902	85020	25806	15500	51206	81625		
Stornoway	026	81707	87031	25407	11507	03003	81825	88275	
Benbecula	022	71903	87031	25407	11536	04104	81821	83362	87270
Tiree	100	81708	89021	24908	18507	03610	81825	88270	
Aldergrove	917	50608	80021	24009	42401	02214	82817	83825	
Malin	980	71007	89022	24809	32508	03212	83822	87270	
Belmullet	976	40608	85011	25610	38502	04112	81822	83630	
Birr	965	40307	69030	24007	42502	04119	84821		
Dublin	969	70212	77022	22609	785//	04215	82824	85634	
Shannon	962	30109	80021	24408	22501	04121	82820		
Roches Point	952	13422	62011	21509	18401	05025	81816		
Valentia	953	30317	76011	24309	22502	03019	82822		

OBSERVATIONS at 18h. — 7 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	70512	56206	20808	754//	06242	81711	83616	87627
Hurn	862	80211	64036	20409	855//	06248	82625	88639	
Thorney Island	871	70412	66028	20408	58408	06243	81816	85633	87275
Manston	797	50610	66016	20708	28501	05234	81824	85077	
Gatwick	776	60205	58016	20607	656//	05338	86640		
Kew	775	70206	48606	21209	6543/	07238	83714	85638	85359
Heathrow	772	80109	50506	21008	855//	07343	83626	85635	88650
Honington	586	10405	56056	22205	15600	03232	81630		
Wattisham	590	20607	62018	22006	25700	04234	82650		
Gorleston	497	60514	62028	22009	685//	05228	83820	85628	
Aberporth	502	10609	61011	23407	18501	04324	81820		
Ross-on-Wye	627	80310	60026	22408	855//	06232	88620		
Filton	628	70312	62016	21808	756//	06243	82630	87656	
Rhoose	715	80411	64212	21708	854//	05138	85716	88630	
Chivenor	707	80609	69022	21610	855//	06234	88624		
Mount Batten	827	70315	66022	19610	784//	06257	81815	85620	86643
St. Mawgan	817	70416	61022	20709	754//	06239	82619	87622	
Scilly	804	60421	61022	19011	684//	08216	82814	86623	
Culdrose	809	70421	62022	18909	753//	05341	82708	87618	
Guernsey	894	80615	70216	16309	853//	07354	83708	86614	
Elmdon	534	50407	61015	23307	25631	03232	81635	84075	
Cardington	559	70402	56056	22008	755//	06235	83620	87640	
Wittering	462	60308	74016	23107	45402	05235	81618	84635	
Watnall	354	50204	58011	23806	55500	03223	83623	84645	
Shawbury	414	50308	59041	23607	55600	05117	82630	84650	
Finningley	360	23505	48041	24007	25700	03217	82650		
Kilnsea	396	60916	66018	23309	2557/	04224	82625	86358	
Leeming	257	30000	66041	24504	25601	01109	82635		
Tynemouth	262	31209	74021	24508	33500	04206	83925		
Carlisle	222	40502	58041	25105	15601	03312	81640	84075	
Valley	302	70102	62031	24907	756//	04319	87635		
Ringway	334	40305	40041	24306	15602	01114	81630	84075	
Squires Gate	318	40405	56041	24304	14601	01211	81630	84075	
Ronaldsway	204	33604	80011	24802	18601	01310	81835	83075	
Mull of Galloway	131	20508	82011	24907	24600	04213	82635		
Eskdalemuir	162	70306	66218	25105	55302	03307	81708	84630	87070
Prestwick	135	80605	68058	25205	35647	04006	83645	84362	88275
Abbotsinch	140	80504	57042	25506	656/7	03007	86645	88270	
Leuchars	171	70000	75022	25302	15608	01500	81630	87275	
Dyce	091	60000	80012	25700	6091/	51606	86465		
Lerwick	005	80000	80031	24101	4562/	52710	84647	88462	
Wick	075	82202	70022	24604	25517	01509	82628	85465	88270
Sule Skerry	010	72005	82022	23007	31506	04720	83820	87270	
Cape Wrath	049	81402	85021	23005	2551/	51716	82625	88460	
Stornoway	026	82014	87022	22407	884//	03720	81818	83624	88630
Benbecula	022	82010	84032	22407	4562/	03722	84640	88460	
Tiree	100	82013	89032	23508	3451/	04811	83629	88468	
Aldergrove	917	21103	74011	25405	15602	03212	81630		
Malin	980	71707	87012	24906	28508	03802	82822	87270	
Belmullet	976	72006	87012	25607	15638	04802	81632	83360	87270
Birr	965	20000	74011	26605	15602	02318	81633		
Dublin	969	23403	75011	25506	25602	02217	81635		
Shannon	962	13206	80011	26706	15502	04313	81624		
Roches Point	952	23211	70020	25707	15601	04218	81640		
Valentia	953	20206	80011	26708	10942	03216	81365		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91091	000	r_o	r_od_o
Hurn	862	02091	000	$r_dr_or_od_o$	+
Thorney Island	871	92101	000	$r_or_or_o$	p_or_o
Manston	797	94091		r_or_o	+
Gatwick	776	92091	000	r_o-r_or_o	r_o
Kew	775	92091	000	r_or_o	i_r_o
Heathrow	772	94091	001	$r_or_od_or_o$	d_o-r_o
Honington	586	97091		r_o	+
Wattisham	590	94091	000	$r_op_or_o$	p_or_o
Gorleston	497	01101	008	$p_rp_or_o$	+
Aberporth	502	00091	001	+	+
Ross-on-Wye	627	91091	000	r_o	+
Filton	628	97091	000	r_o	+
Rhoose	715	97092	004	r_o	i_r_o
Chivenor	707	00111	007	+	+
Mount Batten	827	00111	011	+	+
St. Mawgan	817	00101	000	+	+
Scilly	804	97111	000	i_d_o	+
Culdrose	809	00120	004	+	+
Guernsey	894	91131	008	$i_r_oi_d_o$	i_r_o
Elmdon	534	91091	000	$r_od_or_od_or_od_o$	+
Cardington	559	92091	001	$r_od_od_oi_d_or_or_o$	+
Wittering	462	93081	000	r_or_o	+
Watnall	354	91091	023	r_o	+
Shawbury	414	00091	013	+	+
Finningley	360	00091	035	+	+
Kilnsea	396	01101	041	+	$p_or_op_r$
Leeming	257	00091	032	+	+
Tynemouth	262	97081	025	p_r_o	+
Carlisle	222	00091	046	+	+
Valley	302	00101	053	+	+
Ringway	334	97091	043	$r_op_r_o$	+
Squires Gate	318	00101	066	+	+
Ronaldsway	204	00091	042	+	+
Mull of Galloway	131	00091			
Eskdalemuir	162	94061	028	p_r_o	r_o
Prestwick	135	92091	028	p_r_o	+
Abbotsinch	140	00071	001	+	+
Leuchars	171	97081	001	p_r_o	+
Dyce	091	00071	041	+	+
Lerwick	005	91043	045	p_hr_o	+
Wick	075	00071	043	+	+
Sule Skerry	010	00080			
Cape Wrath	049	00061	021	+	+
Stornoway	026	00071	011	+	+
Benbecula	022	93081	014	+	r_o
Tiree	100	00091	034	+	+
Aldergrove	917	00101	069	+	+
Malin	980	0009	030		
Belmullet	976	0011	043		
Birr	965	9709	066		
Dublin	969	0009	040		
Shannon	962	9709	070		
Roches Point	952	0010	053		
Valentia	953	0010	068		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

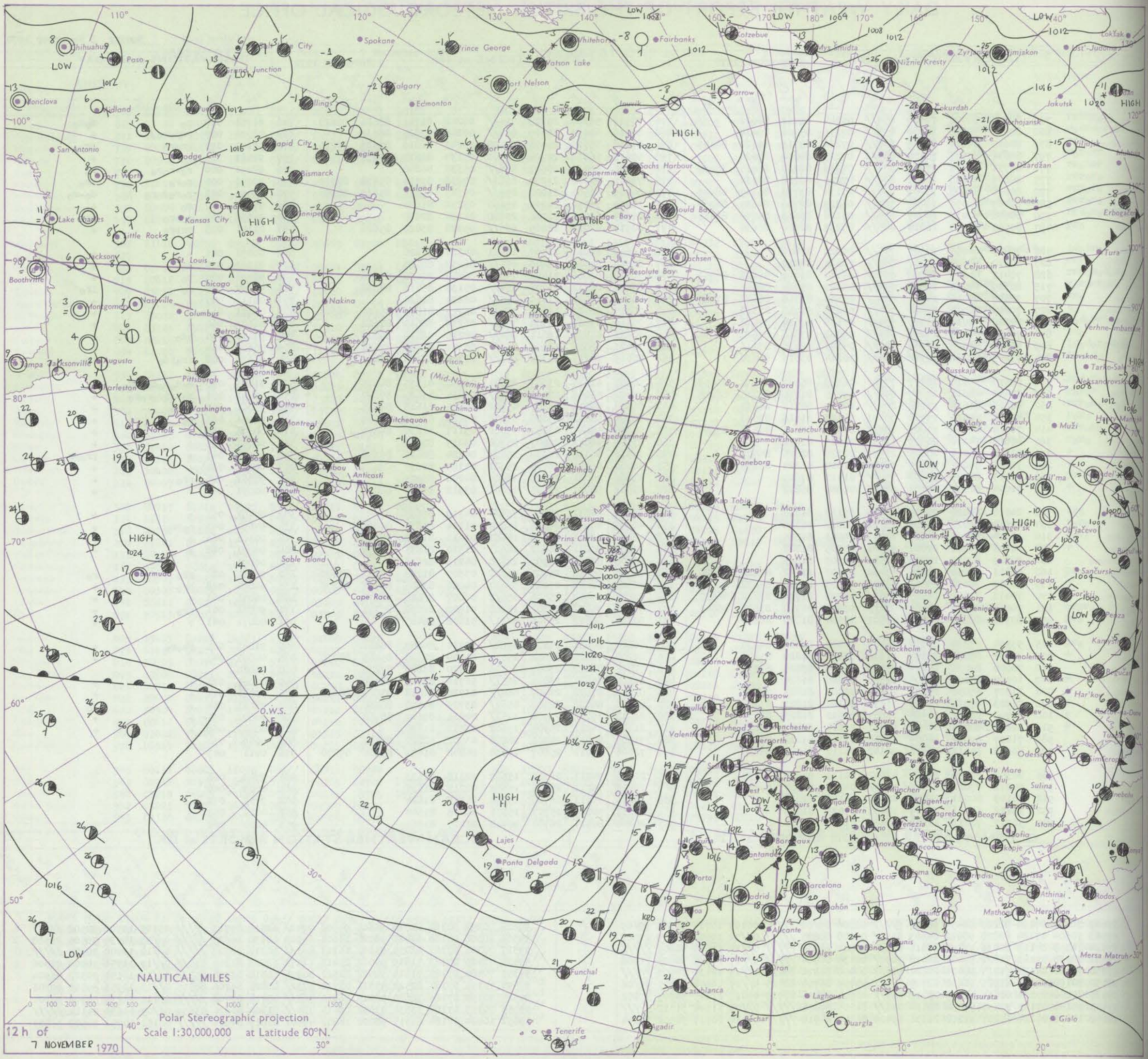
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99629	70292	07124	92223	91454	98307	9////	00806	89/02	/////	00107	10714	30303	99/05
B	99563	70504	07124	82828	98022	04603	815//	00248	88825	/////	0//52	10502	30709	22808
C	99524	70353	07123	82036	93102	16011	863//	00301	88709	/////	0//11	11004	30807	/////
D	99431	70433	07123	71822	97022	26018	7097/	00135	87364	/////	0//17	11788	30403	21806
E	99350	70480	07124	71714	98021	22621	12583	00000	81820	862//	0//17	12134	30503	/////
I	99590	70190	07124	81925	96606	12709	6722/	00759	86704	88525	0//09	10941	30505	99/06
J	99525	70200	07124	82615	98015	29712	853//	00604	82706	87713	00011	11245	30703	35002
K	99455	70150	07124	73537	97038	29514	756//	61205	87636	/////	0//09	11644	31012	/////
M	99648	10026	07124	60207	97268	21301	69400	81307	84910	/////	06150	10717	30502	36804

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99628	70292	07184	82328	96605	94506	7742/	62618	87713	/////	05105	10706	30508	/////
B	99566	70508	07184	62420	98028	11601	65500	00130	86625	/////	0//53	10537	30505	28508
C	99527	70356	07183	82035	95102	16311	863//	00312	88707	/////	0//10	11009	30707	/////
D	99435	70429	07183	71819	97022	25418	11472	12303	81817	870//	0//17	11751	30403	22806
E	99350	70480	07184	71610	98022	21521	30978	00510	83358	852//	0//17	12151	30502	28904
I	99590	70191	07184	82522	95516	07710	5732/	00825	85706	88515	0//10	10953	30505	99/06
J	99525	70199	07184	72620	98015	26911	763//	00714	87708	/////	05111	11238	30704	30804
K	99455	70153	07184	73634	97032	29414	785//	81302	81820	83630	0//09	11633	31114	/////
M	99652	10024	07184	63315	98028	18802	49502	81817	84920	/////	06151	10752	30502	36803

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18 h of 7 NOVEMBER 1970

Mean Sea Surface Isotherms

00 h of 8 NOVEMBER 1970

Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

06 h of 8 NOVEMBER 1970

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 8 November 1970

The depression centred over the English Channel yesterday morning moved southwards and filled. Another depression to the southwest of Iceland has moved steadily northeastwards and a secondary depression associated with it has developed between the Hebrides and Iceland. During the next 24 hours this secondary depression is expected to move rather quickly across the north of Scotland towards Denmark and a west or northwesterly airflow will become established over most of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. — 8 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	10610	56101	25105	16300	05316	81708		
Hurn	862	83305	56051	24407	858//	06314	88657		
Thorney Island	871	70208	58051	24607	757//	06317	87656		
Manston	797	70806	66021	23709	756//	05210	87645		
Gatwick	776	10302	58016	24807	15700	05316	81650		
Kew	775								
Heathrow	772	20108	62036	25105	10941	03320	81365		
Honington	586	23506	37111	25202	15601	01310	81630		
Wattisham	590	10303	56030	24902	00901	01306	81075		
Gorleston	497	40908	62021	24309	45600	02303	84630		
Aberporth	502	21302	61051	25905	25730	02210	82650		
Ross-on-Wye	627								
Filton	628	20204	59051	25705	2540/	03118	81712		
Rhoose	715	10507	64011	25405	16400	04117	81715		
Chivenor	707	10000	62021	25507	15600	05118	81635		
Mount Batten	827	20403	66011	24907	25600	05123	81630		
St. Mawgan	817	40609	62011	25407	45600	05119	84645		
Scilly	804	70607	79022	25311	755//	06229	87628		
Culdrose	809	60406	56012	24808	4543/	06321	82710	83625	
Guernsey	894	60907	80032	22409	655//	06220	86627		
Elmdon	534	20000	28041	26000	00901	51012	82075		
Cardington	559	00105	03462	25701	00900	01214			
Wittering	462	10502	56010	25704	00902	03009	81075		
Watnall	354	10000	19051	26102	00908	02012	81270		
Shawbury	414	70000	48042	26204	755//	03113	82626	84635	86650
Finningley	360	70000	13041	25504	756//	02006	82630	86650	
Kilnsea	396	11408	66011	25408	15500	02305	81625		
Leeming	257	71802	66011	24903	756//	01803	87630		
Tynemouth	262	70000	14051	24205	755//	03803	87625		
Carlisle	222	81505	66031	24003	756//	02813	87642		
Valley	302	41308	61021	25605	15532	02002	81620	84075	
Ringway	334	20000	25044	26103	25601	01107	82630		
Squires Gate	318	71105	40041	25500	25602	50003	82640	87075	
Ronaldsway	204	82205	75031	24406	3552/	04804	81626	83635	88463
Mull of Galloway	131	82312	84031	23508	856//	03812	88645		
Eskdalemuir	162	80000	56106	23503	854//	02817	82710	88628	
Prestwick	135	81606	65022	22605	3562/	03722	81640	83656	88460
Abbotsinch	140	80000	30102	22404	25737	04727	82656	88270	
Leuchars	171	82505	68022	22104	855//	03826	81625	88637	
Dyce	091	82209	75032	21304	855//	01833	81625	87642	
Lerwick	005	81916	80022	15905	8092/	00856	88458		
Wick	075	82014	75022	17306	3572/	02752	83650	88458	
Sule Skerry	010	82030	66612	15307	874//	07751	88710		
Cape Wrath	049	82310	74606	14005	864//	03752	88715		
Stornoway	026	82026	62632	12607	854//	07864	84712	88630	
Benbecula	022	81818	58636	14107	7732/	07761	87708	88515	
Tiree	100	82022	61636	17608	6542/	07744	82712	86625	88556
Aldergrove	917	81908	59051	23604	8092/	02818	88462		
Malin	980	82222	75615	20806	6647/	04833	83717	86635	88458
Belmullet	976	82019	81026	21610	6547/	08836	82716	85630	88459
Birr	965	71705	75031	25403	756//	02817	87637		
Dublin	969	72408	75031	25004	00906	02811	87270		
Shannon	962	72103	80031	26405	7097/	04710	87460		
Roches Point	952	73106	70031	27105	15606	03000	81645	87270	
Valentia	953	70000	75031	27304	10936	03804	81360	87270	

OBSERVATIONS at 06h. — 8 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	00000	06420	24001	00900	01708			
Hurn	862	00000	13284	23901	00900	01606			
Thorney Island	871	10304	58051	24103	15600	03706	81630		
Manston	797	71809	40102	23506	754//	05602	82618	87645	
Gatwick	776	70000	11114	23950	00904	51606	87075		
Kew	775	00000	02444	23550	00900	50707			
Heathrow	772	60000	35101	23603	00901	02807	86075		
Honington	586	70000	28101	23100	55606	00715	85635	87268	
Wattisham	590	70000	48030	23402	35501	02709	83622	86075	
Gorleston	497	02703	62020	22505	00900	03709			
Aberporth	502	31912	48100	22604	30931	04612	83362		
Ross-on-Wye	627	82402	08444	23102	864//	01712	88710		
Filton	628	10000	37110	23902	00901	02507	81075		
Rhoose	715	60000	61031	23804	15701	03508	81656	86070	
Chivenor	707	00000	58100	24504	00900	03501			
Mount Batten	827	30000	59011	24605	00901	05707	83078		
St. Mawgan	817	51903	59021	25105	00902	03506	85070		
Scilly	804	00000	63011	25408	00900	07301			
Culdrose	809	50000	62022	24905	25331	04509	81706		
Guernsey	894	41406	80030	23609	45500	06102	84626		
Elmdon	534	72206	40101	22803	30932	02716	83359	87075	
Cardington	559	92602	01454	23601	9////	01703	89/01		
Wittering	462	72306	28101	22502	30932	01718	83362	86075	
Watnall	354	82405	14101	22203	00907	02718	88268		
Shawbury	414	80000	56601	22003	15677	03717	81630	87459	88268
Finningley	360	71908	58011	20905	757//	04722	87656		
Kilnsea	396	82314	66021	21606	6557/	04717	83625	88360	
Leeming	257	81711	56212	19305	855//	01728	83620	88645	
Tynemouth	262	82112	61616	16904	8062/	03743	88535		
Carlisle	222	82311	62026	15908	6542/	04744	81714	83620	86635
Valley	302	82327	62031	20310	6547/	05721	82612	86625	88460
Ringway	334	81908	50041	21104	2557/	02723	81628	88359	
Squires Gate	318	82014	62022	19508	6567/	05730	86645	88460	
Ronaldsway	204	82221	75026	17409	6552/	03838	81620	86637	88460
Mull of Galloway	131	82336	80022	13608	856//	03769	88645		
Eskdalemuir	162	82224	59216	13705	854//	03853	85715	88622	
Prestwick	135	82114	56516	12106	854//	04758	82712	86717	88630
Abbotsinch	140	82126	50586	10307	7542/	05770	81710	83712	86616
Leuchars	171	82220	70026	09406	854//	03773	86618	88645	
Dyce	091	82022	58636	06404	854//	03891	85710	88618	
Lerwick	005	81830	80636	00706	853//	05787	86706	88630	
Wick	075	81925	58636	99905	873//	057105	88708		
Sule Skerry	010	81637	32656	96707	873//	067102	88706		
Cape Wrath	049	82330	66656	93505	874//	047133	88710		
Stornoway	026	82433	60636	97411	853//	01764	83708	88615	
Benbecula	022	82424	12596	01510	860//	10746	84701	88703	
Tiree	100	82527	40616	05511	862//	10760	88705		
Aldergrove	917	82217	66026	14307	863//	04749	82706	88708	
Malin	980	82629	60606	09911	863//	10650	86709	88714	
Belmullet	976	82424	62106	15711	863//	10622	82706	85711	88718
Birr	965	72114	75012	19708	6567/	04829	86637	87459	
Dublin	969	82213	75022	19006	855//	02732	83625	86640	
Shannon	962	82013	80022	20908	864//	06722	85710	88713	
Roches Point	952	72312	70031	23806	15605	04616	81645	87270	
Valentia	953	82311	66505	23511	862//	10516	88705		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00011	51 +		ff1f
Hurn	862	00001	52 +		f
Thorney Island	871	00021	50 +		jf
Manston	797	00051	03 +		+
Gatwick	776	00511	53 +		if
Kew	775	00511	54 f		ff
Heathrow	772	00021	52 +		+
Honington	586	97511	54 +		+
Wattisham	590	00001	54 +		+
Gorleston	497	00041	51 +		+
Aberporth	502	00021	52 +		+
Ross-on-Wye	627	00011	52 +		f
Filton	628	00020	51 +		jf
Rhoose	715	00031	01 +		+
Chivenor	707	00031	52 +		+
Mount Batten	827	00041	00 +		+
St. Mawgan	817	00041	00 +		+
Scilly	804	00081	02 +		+
Culdrose	809	00051	52 +		+
Guernsey	894	00081	04 +		+
Elmdon	534	00501	54 +		+
Cardington	559	00511	53 fFF		FFf
Wittering	462	00001	51 +		+
Watnall	354	00011	53 +		+
Shawbury	414	97021	52 +		iro
Finningley	360	97021	01 +		ro
Kilnsea	396	97050	+		iro
Leeming	257	97021	51 +		ro
Tynemouth	262	01041	51 +		roro
Carlisle	222	91031	00 +		irdoro
Valley	302	00031	52 +		+
Ringway	334	00011	52 f		+
Squires Gate	318	00001	52 +		+
Ronaldsway	204	91021	51 ro		irodr
Mull of Galloway	131	97061			
Eskdalemuir	162	02022	01 +		rorodorodorodr
Prestwick	135	01032	03 +		dododorodo
Abbotsinch	140	01041	02 iro		rorodorododo
Leuchars	171	02031	02 +		rorrodoro
Dyce	091	07021	52 ro		riRrrirо
Lerwick	005	12022	52 iro		rrRroro
Wick	075	14042	03 irorr		rrRRroro
Sule Skerry	010	24062	01		
Cape Wrath	049	33042	05 iro		RR
Stornoway	026	28062	05 irorororr		rrRRrrroro
Benbecula	022	14062	06 rororrR		drdoro
Tiree	100	06071	05 irorrroro		rrdrroroдoro
Aldergrove	917	96031	02 ro		doroдo-doro
Malin	980	95061	03		
Belmullet	976	96081	06		
Birr	965	97011	52		
Dublin	969	97030	00		
Shannon	962	97041	00		
Roches Point	952	97041	00		
Valentia	953	97030	01		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99625	70300	08004	72436	97158	92705	59560	00305	85920	/////	05401	1////	30711	/////
B	99563	70507	08004	82127	98032	14803	22407	00601	82812	862//	0//02	10521	30505	/////
C	99527	70355	08003	52710	98011	25409	24506	00234	82625	/////	0//07	10903	30000	25604
D	99436	70422	08003	11914	98022	27718	754//	00217	87618	/////	0//17	11722	30403	22805
E	99350	70479	08004	71716	97022	22321	60978	00302	86359	852//	0//17	12103	30503	28804
I	99591	70190	08004	82435	96616	98910	8022/	61742	88505	/////	0//10	10943	30707	99/06
J	99525	70198	08004	72525	97022	25011	762//	61717	87705	/////	05111	11249	30703	30905
K	99456	70154	08004	70127	97031	31614	785//	81006	82820	87633	0//10	11661	31111	/////
M	99656	10022	08004	72711	97021	13002	78500	81834	83820	86625	05953	10728	30502	36803

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99625	70300	08064	32637	97158	96004	29560	00224	82020	/////	05502	10737	30712	/////
B	99566	70507	08064	82028	98612	10503	884//	00728	86812	/////	0//01	10505	30607	/////
C	99527	70355	08063	22213	98011	26208	25500	00500	82625	/////	0//03	10911	30000	22604
D	99437	70414	08063	72210	98031	25817	75400	00610	87618	/////	0//16	11728	30403	/////
E	99349	70480	08064	71714	97022	20121	50978	00620	85358	862//	0//17	12120	30503	28804
I	99590	70192	08064	12935	97216	02908	15600	61244	81635	/////	0//04	10946	30707	99/07
J	99525	70202	08064	82625	96502	23212	872//	61508	88705	/////	00112	11227	30705	29004
K	99455	70156	08064	80119	97012	30714	855//	00501	88623	/////	0//11	11642	31006	/////
M	99660	10011	08064	81814	98032	03303	856//	00756	88635	/////	05853	10744	38502	36802

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H.M.S.O. Press, Met.O. 3

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39799

Date of Issue Monday 9 November 1970

OBSERVATIONS at 12h. — 8 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	72713	56054	20609	16432	06726	81711	83360	87070
Hurn	862	72309	50054	21210	60972	08728	82359	85362	86075
Thorney Island	871	72411	50051	21110	22508	08833	82820	86272	
Manston	797	82014	50051	20308	8097/	06832	82361	88464	
Gatwick	776	72207	40054	20508	15478	07735	81615	85366	87270
Kew	775	72208	56054	19809	16438	06830	81715	86365	87272
Heathrow	772	72109	50052	19808	35476	06731	83616	83363	85468
Honington	586	82213	61012	18207	70977	03730	81360	87364	88270
Wattisham	590	72512	57022	19206	7097/	04727	87364		
Gorleston	497	82114	56051	18307	8097/	04729	88360		
Aberporth	502	82418	66601	17909	7572/	07726	87650	88459	
Ross-on-Wye	627	72010	57024	17409	2857/	06739	81820	87460	
Filton	628	72215	60031	19109	1847/	05830	81818	87359	
Rhoose	715	72419	70032	19510	21531	07827	82821	87362	
Chivenor	707	72517	74021	21112	58531	07725	83822	83634	86360
Mount Batten	827	72406	62031	22911	68432	09723	85818	85070	
St. Mawgan	817	62517	66022	22512	32402	09728	83816	85070	
Scilly	804	62712	66021	24512	28502	08715	81820	86075	
Culdrose	809	62615	66051	23311	52402	07823	85818	85070	
Guernsey	894	72212	78022	23611	785/8	07811	82822	86627	
Elmdon	534	82221	50042	16107	5537/	05848	83708	83650	86360
Cardington	559	72313	64014	18208	7097/	05731	85362	87365	
Wittering	462	72214	61012	16307	2847/	04740	81815	87362	
Wainall	354	82312	40052	15007	2557/	05734	82625	88462	
Shawbury	414	72520	78036	14809	754//	06738	83716	85620	87650
Finningley	360	72320	50046	12508	5577/	05745	85656	86359	
Kilnsea	396	82428	57216	13207	8097/	04751	88360		
Leeming	257	72323	61602	09608	3747/	06751	82715	87461	
Tynemouth	262	62517	58026	06110	656//	07755	86640		
Carlisle	222	82322	58586	06010	854//	09641	87710	88618	
Valley	302	82330	48616	14310	853//	09724	84707	88612	
Ringway	334	82115	58026	13209	6542/	05738	86616	88458	
Squires Gate	318	82529	58616	11010	854//	09746	83714	85622	88640
Ronaldsway	204	72523	65216	10111	753//	09737	83709	86710	87626
Mull of Galloway	131	72334	78016	07811	756//	09720	87645		
Eskdalemuir	162	82323	28635	04808	7732/	08644	87706	88515	
Prestwick	135	72519	58586	04711	782//	10830	81705	83708	85614
Abbotsinch	140	72424	70216	02312	784//	10632	82710	84616	86645
Leuchars	171	72325	66026	97811	754//	09754	85710	86626	
Dyce	091	72220	70256	95210	784//	07745	81712	83818	85650
Lerwick	005	82424	66216	82409	6737/	09667	86707	88458	
Wick	075	72925	75808	91210	784//	08614	81712	83815	87635
Sule Skerry	010	73244	58016	87810	794//	08714	87915		
Cape Wrath	049	82735	74646	89909	874//	06704	88715		
Stornoway	026	72826	59806	95810	784//	08313	81710	84812	86620
Benbecula	022	72830	65256	00509	784//	06313	82712	85815	87635
Tiree	100	62826	62806	03211	684//	08502	81712	83816	85630
Aldergrove	917	82515	16536	08910	860//	10724	83700	88701	
Malin	980	72927	70808	07712	734//	09505	84916	83640	
Belmullet	976	72719	70215	14012	754//	10502	81710	87635	
Birr	965	82412	56586	16011	873//	10722	88709		
Dublin	969	82517	56616	13110	863//	09813	83708	85711	88715
Shannon	962	82520	40615	17111	873//	11723	83706	86708	
Roches Point	952	72410	75025	19311	654/2	09717	82710	86625	86070
Valentia	953	82513	40505	20511	863//	10816	88707		

OBSERVATIONS at 18h. — 8 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	82613	61602	15609	853//	08717	84709	88612	
Hurn	862	82311	59032	16711	884//	07718	83818	88640	
Thorney Island	871	72417	61012	16811	755//	08815	83622	86633	87656
Manston	797	82116	60032	14910	6557/	06719	84624	85636	88459
Gatwick	776	82413	57216	15409	6552/	07721	86622	88460	
Kew	775	82310	58606	14110	874//	07725	88714		
Heathrow	772	82215	60212	14009	854//	07723	82616	88621	
Honington	586	72418	59216	11010	754//	06726	82713	87643	
Wattisham	590	82517	58216	12009	854//	06720	88615		
Gorleston	497	82216	57052	10709	856//	06719	88630		
Aberporth	502	72721	62026	14911	754//	10604	85710	86640	
Ross-on-Wye	627	72515	77038	13112	755//	09607	87620		
Filton	628	82615	28516	14711	873//	10608	86709	88711	
Rhoose	715	82618	70216	15311	873//	10610	87706	88708	
Chivenor	707	82722	56605	17112	853//	11612	83709	85620	88650
Mount Batten	827	82617	56202	19111	854//	11613	85716	88636	
St. Mawgan	817	72721	62026	19711	753//	10615	82708	84710	87620
Scilly	804	62917	62016	20811	65500	10302	86620		
Culdrose	809	82714	62205	20611	854//	09609	83710	88622	
Guernsey	894	62622	74022	20811	62432	08806	86817		
Elmdon	534	82415	66026	11311	854//	09515	88612		
Cardington	559	82319	56216	12010	854//	08621	81711	88645	
Wittering	462	82314	59602	10610	854//	08512	84617	88629	
Wainall	354	82618	62616	09111	854//	09618	83715	88630	
Shawbury	414	72314	74026	11511	754//	09505	81712	87621	
Finningley	360	72819	66026	07412	755//	09513	87624		
Kilnsea	396	82522	57216	08010	5557/	08612	85625	88360	
Leeming	257	63107	82036	05711	65600	05303	86630		
Tynemouth	262	32723	66025	04711	31500	06311	83820		
Carlisle	222	72516	66038	06310	785//	06221	84824	86631	
Valley	302	72718	74806	13111	784//	09313	85818	87630	
Ringway	334	32714	70016	10311	38400	08301	81812	83630	
Squires Gate	318	22821	65026	09511	28500	07306	81822		
Ronaldsway	204	22818	82028	10511	18540	04318	81822		
Mull of Galloway	131	23023	74018	08709	22500	06319	82825		
Eskdalemuir	162	42724	74256	04707	48500	04315	83826	83638	
Prestwick	135	52921	65808	06009	58500	06220	81820	83826	
Abbotsinch	140	32521	70258	04408	38500	03117	82828		
Leuchars	171	12721	82026	99909	18500	02224	81820		
Dyce	091	13021	82028	97507	14500	01222	81625		
Lerwick	005	82737	56606	81207	4722/	02602	84705	88457	
Wick	075	52933	65278	93005	594//	03213	85915		
Sule Skerry	010	52952	66018	89208	594//	06210	85915		
Cape Wrath	049	72740	74028	90707	735//	03215	87920		
Stornoway	026	12926	66258	97606	19500	03107	81925		
Benbecula	022	72932	48818	02208	794//	04107	87912		
Tiree	100	62926	66158	04809	684//	03211	83815	84628	
Aldergrove	917	62814	74018	10909	684//	07215	82818	84628	
Malin	980	63029	80022	09910	684//	03215	83818	83640	
Belmullet	976	72920	80258	16110	734//	05216	82716	83821	87632
Birr	965	52708	70016	16009	556//	05109	85636		
Dublin	969	52712	82036	13410	55600	05218	85640		
Shannon	962	32812	80016	17410	15630	08211	81630		
Roches Point	952	22919	80216	18011	25600	08305	82635		
Valentia	953	73012	60026	19912	754//	09307	82718	87633	

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92101	003	+	$r_od_od_o$
Hurn	862	97111	008	+	d_o
Thorney Island	871	00121	008	jf	+
Manston	797	97111		+	r_o
Gatwick	776	91111	006	+	r_o-d_or_o
Kew	775	91111	005	+	r_orr_o
Heathrow	772	92111	003	+	r_od_o
Honington	586	92101		r_o	$ir_or_or_o$-r_o
Wattisham	590	91091	000	+	ir_oir_o
Gorleston	497	97111	000	+	ir_o
Aberporth	502	03111	000	$ir_or_or_or$	ir_o
Ross-on-Wye	627	97131	000	+	pr_o
Filton	628	91121	001	jfr_o	d_o-$d_or_od_od_o$
Rhoose	715	01121	003	r_o	$ir_or_or_o$
Chivenor	707	95131	010	+	d-$rr_or_oir_o$
Mount Batten	827	97121	019	+	id_o
St. Mawgan	817	01121	032	+	$id_od_or_od_or_o$
Scilly	804	91131	036	+	ir_oid_o
Culdrose	809	91121	031	+	id_o
Guernsey	894	97121	007	+	ir_o
Elmdon	534	95121	001	ir_or	r_orR
Cardington	559	97111	001	r_o	r_o
Wittering	462	97101	000	+	r_o
Wainall	354	91111	000	r_o	$d_or_or_o$
Shawbury	414	91121	000	r_o	id_o
Finningley	360	97121	005	r_o	id_o
Kilnsea	396	91111	005	ir_o	ir_o
Leeming	257	91121	006	r_o	+
Tynemouth	262	97121	000	$r_or_oid_o$	+
Carlisle	222	96111	002	$d_or_od_or_odrpr_o$	pr_o
Valley	302	02121	000	$ir_or_or_od_or_o$	ir_opr_o
Ringway	334	01111	000	r_orr_o	d_opr_o
Squires Gate	318	01121	000	$d_or_oRr_or_o$	d_or_o
Ronaldsway	204	02121	008	$r_or_oiRir_oiR$	pr_o
Mull of Galloway	131	02111			
Eskdalemuir	162	06101	001	$drrrir_opr$	$prpr_o$
Prestwick	135	02121	001	$d_od_od_or_opr_o$	pr_o
Abbotsinch	140	03121	011	$drdrr_or_opr_o$	pr_o
Leuchars	171	92131	023	$d_or_or_oir_or$	pr_o
Dyce	091	02121	017	pr_opr	pr_o
Lerwick	005	10092	000	$r_or_orrir_o$	ir_opr_o
Wick	075	04112	015	$r_or_oir_opr_o$	prphr
Sule Skerry	010	02112			
Cape Wrath	049	04102	003	irpr	pr
Stornoway	026	05112	029	$irpr_o$	prpH
Benbecula	022	02111	018	pr_o	$prpr_o$
Tiree	100	01111	019	$d_or_orpr_o$	pr_o
Aldergrove	917	01111	006	$d_or_od_od_o$-dpr_o	+
Malin	980	0312	013		
Belmullet	976	0113	015		
Birr	965	9512	009		
Dublin	969	0312	006		
Shannon	962	0312	001		
Roches Point	952	9714	006		
Valentia	953	0112	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

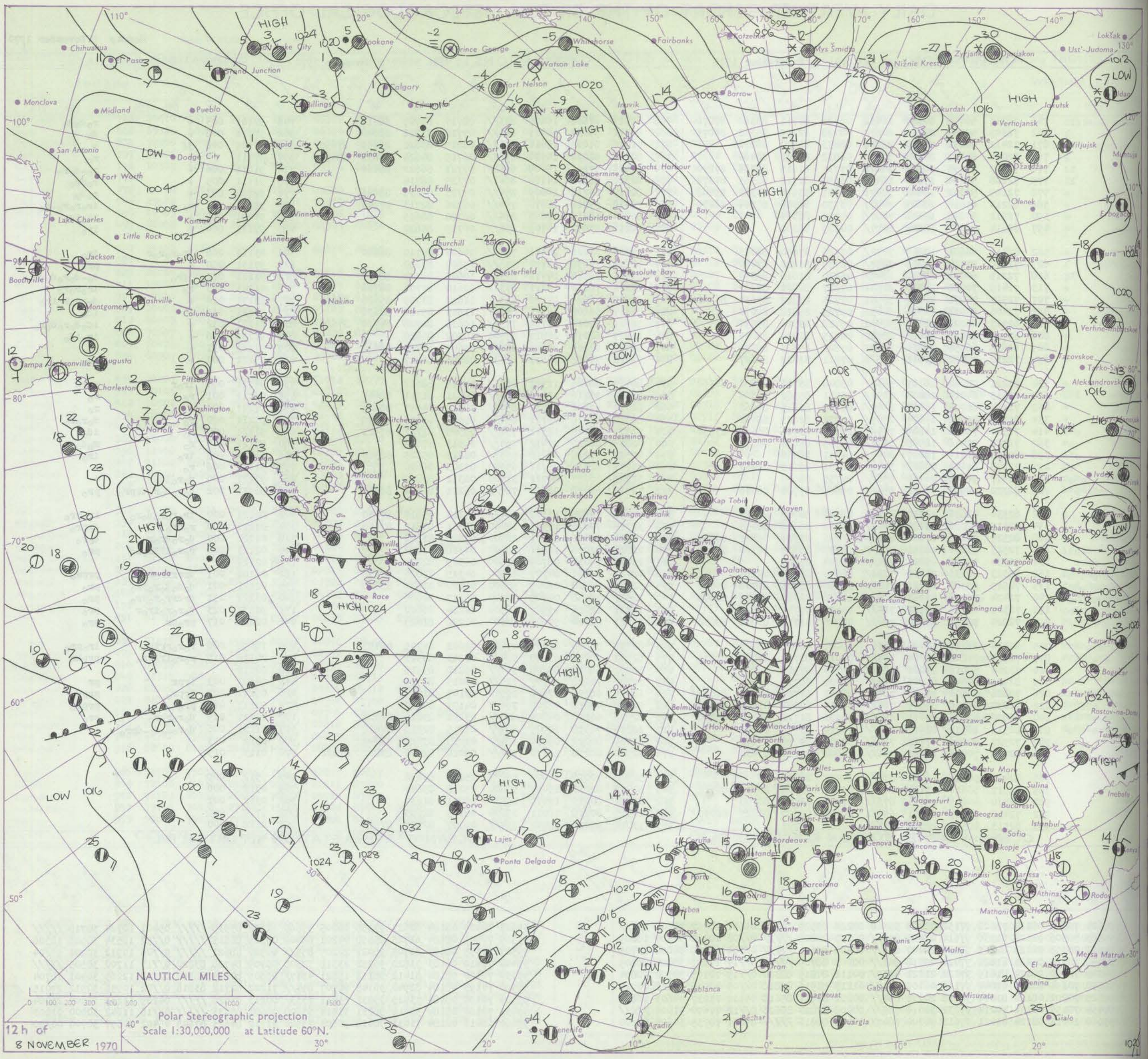
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99624	70303	08124	72626	97152	00705	59560	00226	85929	/////	05401	10757	30609	/////
B	99563	70506	08124	81936	97616	03205	873//	00733	88808	/////	0//02	10520	30507	18809
C	99527	70355	08123	82205	98032	26407	856//	00400	88635	/////	0//04	10879	30000	22705
D	99440	70410	08123	81820	97022	25518	863//	00003	88709	/////	0//17	11673	30404	21805
E	99349	70480	08124	81815	97022	21221	4247/	00112	84815	88360	0//19	12175	30502	28804
I	99590	70194	08124	62840	97168	06107	694//	61213	83916	83818	0//03	10940	30811	27910
J	99525	70201	08124	83014	98016	24211	854//	00211	82711	85618	05110	11237	30603	26805
K	99454	70157	08124	70214	97032	32014	785//	00008	82820	86626	0//12	11670	31004	/////
M	99660	10011	08124	81421	97612	94704	6847/	00743	86816	/////	05601	10735	30603	00/00

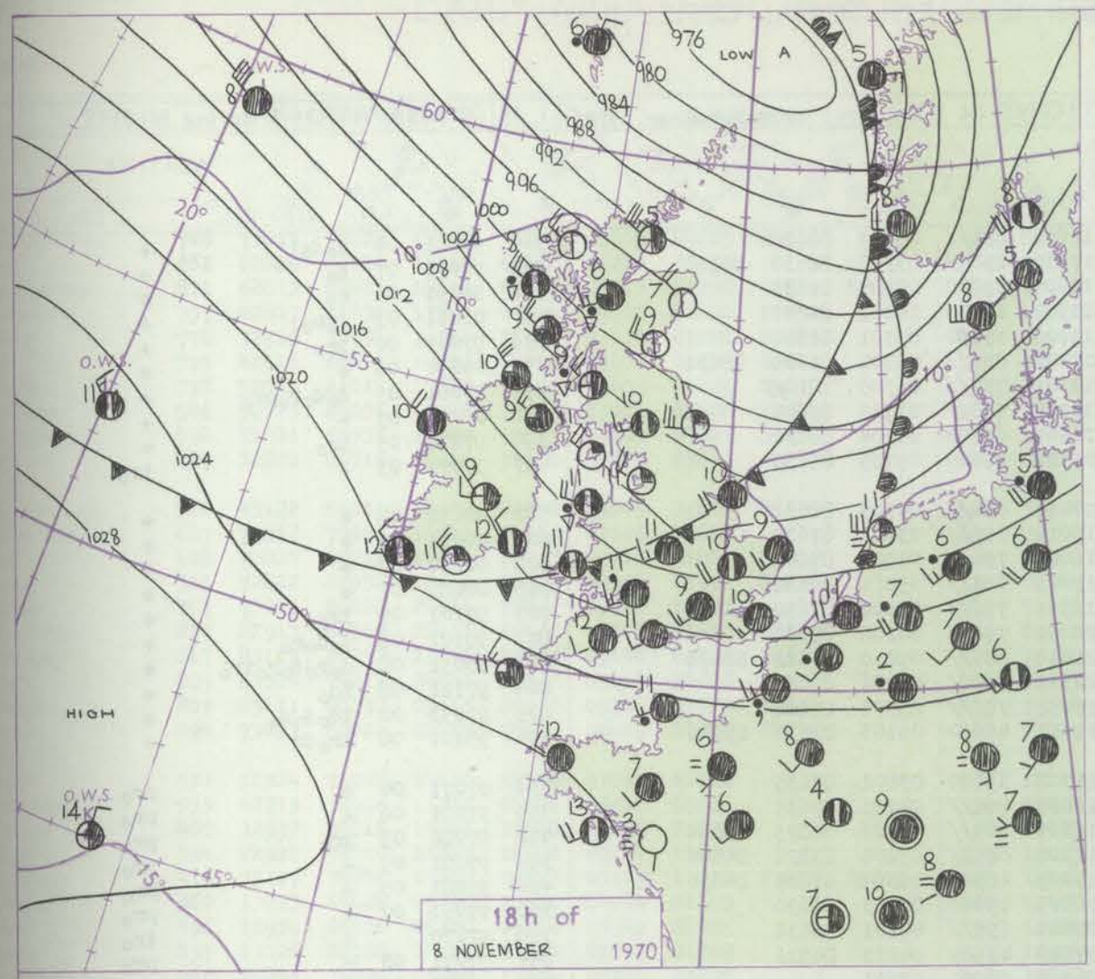
OCEAN WEATHER STATION REPORTS at 18h.

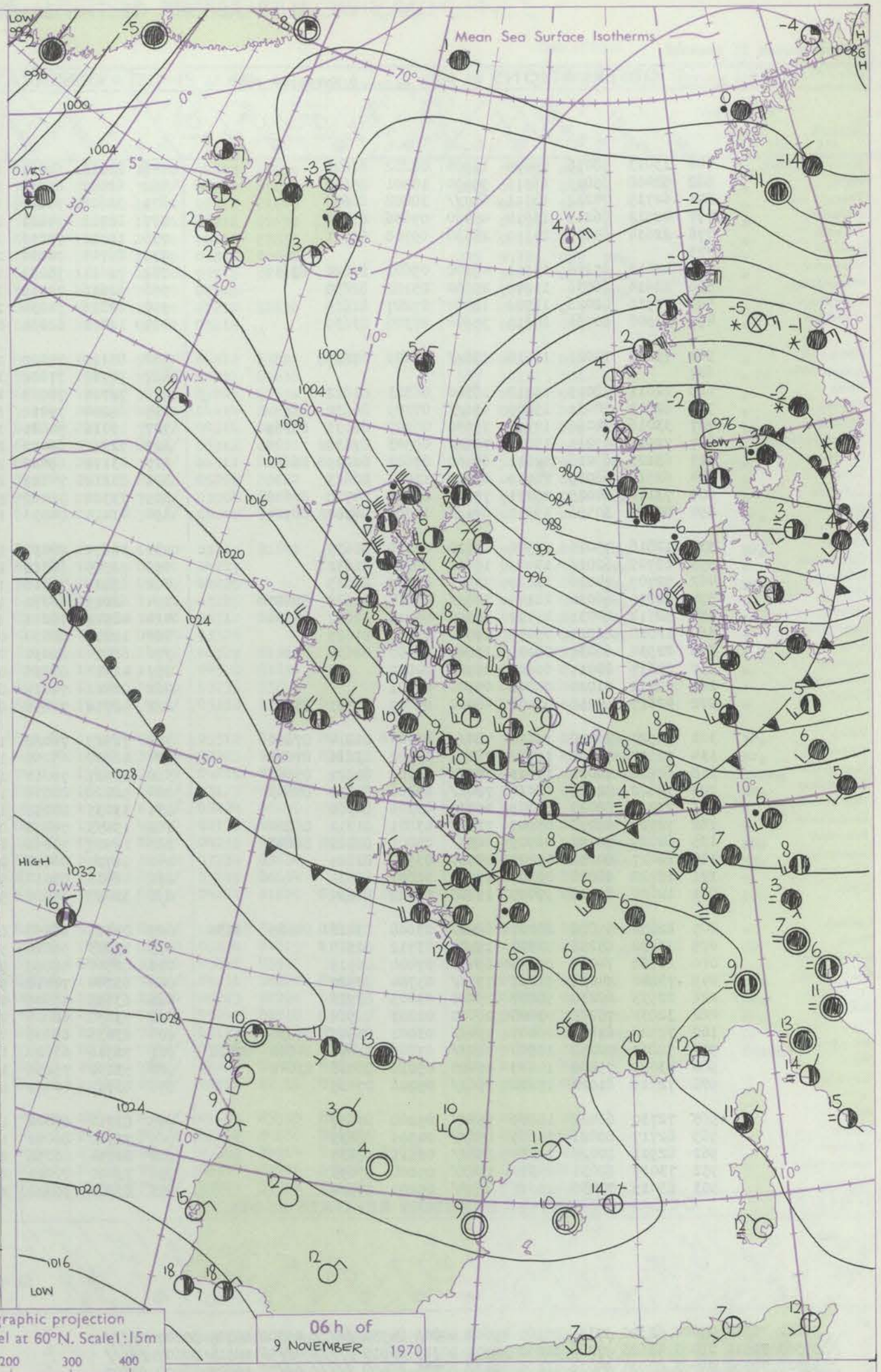
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99623	70309	08184	62627	97158	06005	59660	61232	85938	/////	05401	10724	30710	/////
B	99564	70505	08184	62725	95858	04201	62400	00329	86815	/////	0//52	10534	30506	18508
C	99527	70355	08183	81705	98022	22209	855//	00520	88621	/////	0//06	10912	30201	99/04
D	99440	70410	08183	71820	96252	23318	52308	00709	84708	83820	0//17	11700	30505	/////
E	99350	70480	08184	81412	98152	19521	4247/	00505	84815	88360	0//18	12265	30401	18704
I	99590	70193	08184	82940	96148	08907	844//	71222	82712	83818	0//02	10956	30912	27015
J	99526	70198	08184	73015	99032	25011	7553/	00213	87625	/////	04209	11233	30705	26004
K	99451	70160	08184	53610	98031	31414	55600	00601	85633	/////	0//10	11642	30000	01003
M	99660	10016	08184	71033	98018	90604	75500	21712	84623	87645	05402	10697	30706	00/00

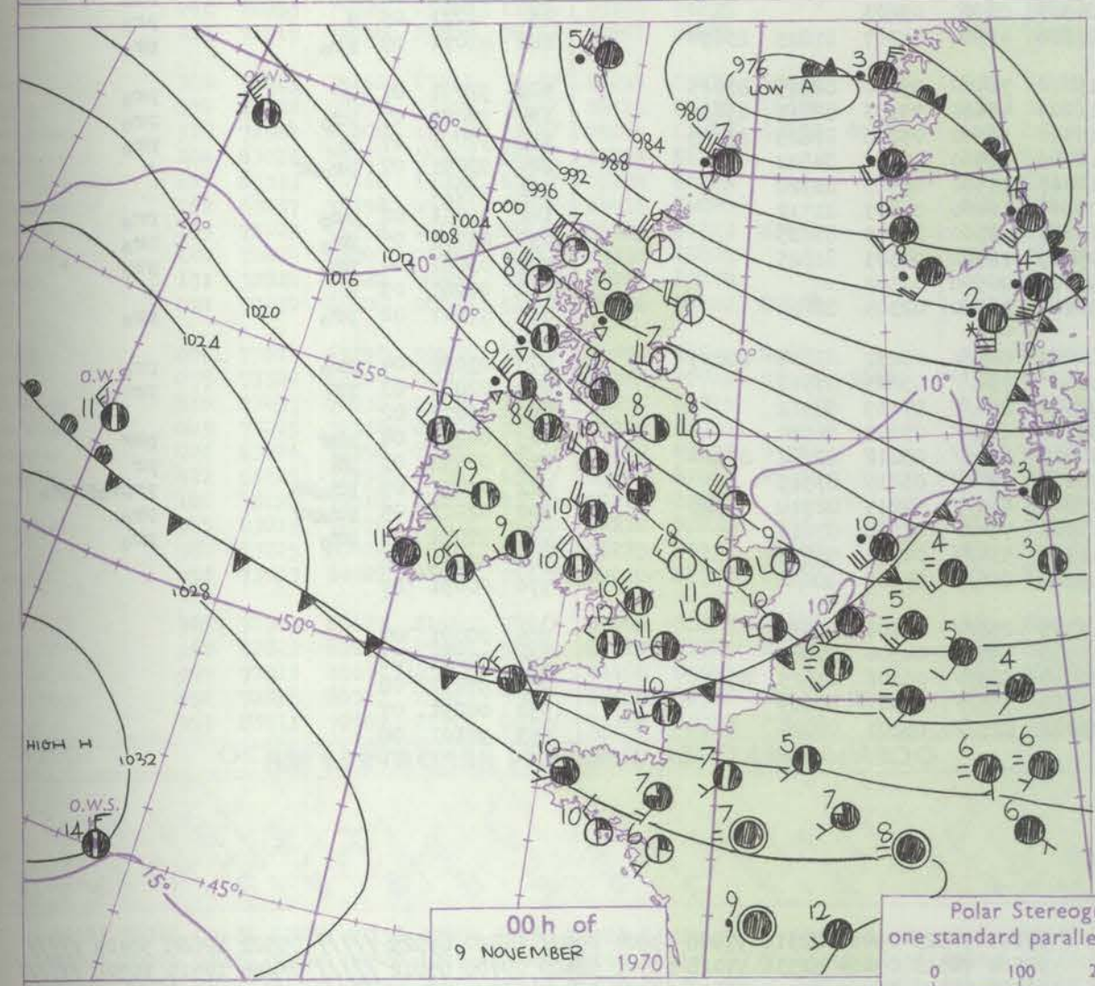
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
Chihuahua
El Paso
Monclova
Midland
Pueblo
San Antonio
Dodge City
Fort Worth
Lake Charles
Kansas City
Little Rock
Jackson
Boothville
Montgomery
Nashville
Columbus
Chicago
Pittsburgh
Washington
Norfolk
Charleston
Augusta
Jacksonville
Tampa
New York
Ottawa
Montreal
Caribou
Bermuda
Sable Island
Cape Race
Bismarck
Rapid City
Billings
Grand Junction
Spokane
Salt Lake City
Regina
Winnipeg
Minneapolis
Duluth
Nakina
Island Falls
Prince George
Calgary
Edmonton
Watson Lake
Fort Nelson
Whitehorse
Fairbanks
Barrow
Inuvik
Sachs Harbour
Coppermine
Cambridge Bay
Gjoa Haven
Churchill
Baker Lake
Resolute Bay
Eureka
Arctic Bay
Thule
Upernavik
Clyde
Godthab
Frederikshab
Prins Christian Sund
Angmagssalik
Kap Tobin
Jan Mayen
Reykjavik
Dalatangi
Stornoway
Aberporth
Valentia
Holyhead
Manchester
Belmullet
Shannon
Brest
Paris
Bordeaux
Santander
Corunna
Porto
Lisboa
Madrid
Barcelona
Valencia
Gibraltar
Tangier
Casablanca
Agadir
Tenerife
Lajes
Ponta Delgada
Corvo
Sydney
Halifax
Yarmouth
Sable Island
Cape Race
Gander
Stephenville
Goose
Churchill
Resolution
Frobisher
Lerwick
Oslo
Stornoway
Aberdeen
Manchester
Holyhead
Valentia
Shannon
Belmullet







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 9 November 1970

The anticyclone north of Azores with a ridge across Biscay to France will remain almost stationary, Yesterday morning a complex depression extended from west Iceland to Faeroes. It is now centred over south Norway, and will continue to move away east. Associated frontal troughs moved east across all parts of the British Isles yesterday, the cold front clearing the southeast soon after midnight followed by a strong and rather cold unstable northwesterly airstream affecting all districts of the British Isles. During the next 24 hours a depression developing off southeast Greenland will move east into the Iceland area and associated frontal troughs will begin to affect western areas of the British Isles by tomorrow morning.

Code FM 11.D **OBSERVATIONS at 00h.** 9 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	13013	58056	15509	15500	08202	81620		
Hurn	862	52408	65015	16311	55600	10501	85640		
Thorney Island	871	62715	74212	15711	657//	10808	86656		
Manston	797	42512	66215	13010	45400	09606	83616		
Gatwick	776	22614	65016	14110	26430	09708	82711		
Kew	775								
Heathrow	772	42612	65256	13511	48500	09602	82824	83640	
Honington	586	22614	66036	11209	25600	05102	82630		
Wattisham	590	12916	62026	11709	18400	07207	81815		
Gorleston	497	32508	60026	10010	35600	07306	83630		
Aberporth	502	73223	74021	16510	756//	03209	87635		
Ross-on-Wye	627								
Filton	628	12611	78015	15510	18500	06313	81822		
Rhoose	715	62815	70031	15809	656//	07309	86630		
Chivenor	707	33016	74016	17411	15630	06107	81635	83360	
Mount Batten	827	72911	69215	19012	756//	09303	87630		
St. Mawgan	817	63123	69016	19311	65400	07603	82615	86650	
Scilly	804	62916	66015	21012	65500	11003	86623		
Culdrose	809	73116	64025	20211	753//	09001	84708	87618	
Guernsey	894	82721	30596	19612	871//	12707	86702	88704	
Elmdon	534	12816	75016	12908	15600	03110	81635		
Cardington	559	12709	62016	13009	15600	06212	81632		
Wittering	462	72709	74036	11809	755//	05209	87629		
Watnall	354	72815	66036	11109	756//	05014	82635	85647	
Shawbury	414	52712	80031	13410	58500	05210	82822	84630	
Finningley	360	12818	80021	09009	15500	03003	81625		
Kilnsea	396	22930	66031	08209	25600	04000	82637		
Leeming	257	02617	80011	06609	00900	04802			
Tynemouth	262	02722	81020	04808	00900	05001			
Carlisle	222	42617	64258	07108	48400	05000	82711	83827	
Valley	302	72924	74028	15010	784//	05104	81814	87622	
Ringway	334	72917	75028	11710	704//	03102	83816	87628	
Squires Gate	318	62920	70021	11511	685//	05107	82822	85646	
Ronaldsway	204	72822	82021	12010	786//	03106	81830	87643	
Mull of Galloway	131	23227	80020	10309	20930	03303	82360		
Eskdalemuir	162	72720	69258	05807	724//	03801	81712	86820	
Prestwick	135	62820	70258	06909	685//	05801	82828	86640	
Abbotsinch	140	22627	80258	05207	28500	03500	82825		
Leuchars	171	12720	86018	00207	15600	02807	81632		
Dyce	091	12820	82038	97405	15600	50708	81630		
Lerwick	005	82836	59808	80107	6842/	03608	83812	84625	88458
Wick	075	12932	65258	91706	19400	03712	81915		
Sule Skerry	010	62952	74018	89908	694//	07400	86915		
Cape Wrath	049	73240	74038	91607	735//	03704	87920		
Stornoway	026	22935	60258	98807	29400	03003	82916		
Benbecula	022	32831	75208	03608	29460	02203	82918		
Tiree	100	72928	62808	06007	734//	03002	83915	84630	
Aldergrove	917	72817	70258	11908	704//	07302	81818	84822	87628
Malin	980	43029	75808	10609	48400	05010	83818	83640	
Belmullet	976	72919	81022	17810	756//	05206	87635		
Birr	965	72710	66022	18209	756//	05208	87637		
Dublin	969	82717	80021	15609	856//	04306	88635		
Shannon	962	82911	80028	19610	856//	05111	88635		
Roches Point	952	73017	80031	20310	756//	05208	87633		
Valentia	953	83015	70038	22011	825//	05209	88824		

OBSERVATIONS at 06h. 9 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	83113	59051	16608	855//	05207	88628		
862	62807	65031	17210	2567/	03308	82630	85360	
871	32812	78021	16609	35600	06207	81635		
797	12712	74031	13507	18500	04603	81820		
776	12912	75016	15108	15600	05301	81640		
775	82705	74021	14409	855//	05304	81625	88632	
772	72611	75031	14309	756//	06305	87633		
586	52616	70011	10708	5563/	03705	85640		
590	62816	74031	11508	65600	04704	86632		
497	12412	62030	09308	15600	05705	81630		
502	83123	74022	17410	856//	04305	88631		
627	72710	77022	15010	755//	03802	87625		
628	72714	78021	16009	756//	04004	87640		
715	62814	70011	17009	655//	05004	86628		
707	73016	74021	18711	756//	05106	87630		
827	72811	69022	20011	756//	06208	87630		
817	83118	69022	20810	885//	09210	84822	88628	
804	83214	74021	22311	855//	08206	88620		
809	73308	80032	21410	755//	05306	87628		
894	43014	84036	19611	45600	05103	82630	83640	
534	32614	80031	12708	35600	03802	83635		
559	72515	66011	12809	756//	04701	87635		
462	62819	74018	11309	685//	03706	82825	85634	
354	62815	66252	11308	685//	05204	83826	84640	
414	42712	78251	13209	48500	05304	81825	84630	
360	12819	80030	08809	15600	04103	81630		
396	62824	66031	08409	656//	04101	86630		
257	42912	80808	07108	42500	04302	84826		
262	02822	74018	04507	00900	03603			
222	42714	74258	07208	48500	04307	81825	83630	
302	72929	74022	15010	784//	05000	82815	87625	
334	42820	65258	11209	48400	05103	82813	83635	
318	32927	70011	10510	38500	05806	81825	83645	
204	52828	82038	12109	58500	02307	84822		
131	33033	80258	10007	33500	05703	83920		
162	13033	74038	04905	16400	01503	81712		
135	12929	75258	06607	12500	03400	81825		
140	12724	80258	05407	18500	04301	81825		
171	02818	83010	99907	00900	01502			
091	33027	84028	96107	38500	02304	82824		
005	83616	66258	84007	884//	05232	83812	88625	
075	73033	58818	92407	794//	05205	87912		
010	82944	48888	91308	894//	07219	88912		
049	63244	74018	92707	635//	03207	86920		
026	63035	58808	00607	694//	05212	83912	85620	
022	73038	60808	06109	794//	03215	87915		
100	63036	65808	07607	634//	04214	82918	84625	
917	72916	63028	13308	754//	07208	87616		
980	53132	75258	12309	534//	04310	85918		
976	83119	80022	19210	856//	04208	88632		
965	82712	66022	19709	856//	05206	88637		
969	72718	80022	15908	756//	04304	87640		
962	82814	80256	20910	885//	06206	83825	88635	
952	73020	80021	21310	755//	06307	87629		
953	83209	70022	23211	825//	05203	88824		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97081	04	d_od_o	+
862	97091	07	d_o	+
871	92091	06	r_o	+
797	01061	03	d_or_o	+
776	97041	00	ir_o	+
775	00091	06	+	+
772	97081	05	$d_od_or_op r_o$	+
586	00051	05	+	+
590	97071	05	ir_o	+
497	97071	03	+	ir_o
502	00091	08	+	+
627	00091	05	+	+
628	00090	07	+	+
715	00081	07	+	+
707	97101	07	ir_o	+
827	95101	08	$d_od_or_o$	+
817	95091	08	$d_or_od_or_oir_o$	+
804	97111	08	id_o	+
809	91091	02	$id_od_od_o$	+
894	95101	08	$ir_od r$	+
534	97071	04	+	pr_o
559	97081	06	+	pr_o
462	97080	05	pr_o	pr_o
354	97081	05	+	pr_o
414	97081	05	+	pr_o
360	97091	07	+	pr_o
396	97070		+	ir_o
257	97071	03	+	pr_o
262	91071	05	+	pr_o
222	01071	05	pr_o	pr_o
302	97091	07	+	pr_o
334	97081	07	pr_o	pr_o
318	97091	07	+	pr_o
204	93091	07	pr_opr	+
131	96071			
162	91051	02	pr_o	pr_o
135	01071	05	pr_o	pr_o
140	03061	04	pr_o	pr_o
171	00061	03	+	+
091	97041	02	pr_o	pr_o
005	03052	04	pr_o	pr_o
075	02031	03	pr	pr
010	02072	02		
049	04052	04	phr	phr
026	03052	03	pR	pr
022	01071	05	pr_opr	$prpr_oph_or_o$
100	02061	05	pr_opr	pr_o
917	97071	05	pr_o	pr_o
980	02071	06		
976	00091	07		
965	00091	07		
969	00081	06		
962	97091	08		
952	00091	07		
953	97101	08		

Code FM 21.D **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70314	09004	62320	97168	07105	49660	00803	84930	/////	05302	10704	30607	/////
B	99563	70510	09004	42626	97268	10050	32401	00225	83815	/////	0//56	10514	30607	/////
C	99528	70358	09003	80905	95026	16409	8092/	00736	88458	/////	0//08	10902	30000	99/05
D	99440	70410	09004	81923	96808	23017	883//	00802	85808	86818	0//17	11728	30606	/////
E	99349	70480	09004	81106	97808	19920	5246/	00000	85810	83357	0//19	12116	30000	18704
I	99589	70192	09004	73037	97028	13007	704//	61216	82818	87630	0//05	10945	30912	27014
J	99526	70197	09004	72914	98022	26810	756//	61210	87630	/////	05308	11237	30602	24904
K	99450	70161	09004	73414	97012	32414	75500	00102	87626	/////	0//10	11680	30000	02203
M	99660	10019	09004	60826	97012	93403	65500	21227	86620	/////	05752	10759	30807	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70323	09064	82316	97808	03804	6957/	61820	86929	/////	05502	10685	30405	/////
B	99564	70513	09064	52536	97028	10701	52400	00708	85812	/////	0//55	10514	30708	/////
C	99527	70356	09063	82710	96616	16509	864//	00315	88715	/////	0//07	10938	30000	99/05
D	99441	70410	09064	81812	97022	22417	883//	00604	86809	85615	0//16	11725	30604	/////
E	99350	70480	09064	70000	97028	18021	4247/	00718	84815	85357	0//19	12131	30000	99/03
I	99589	70195	09064	23021	98018	15208	28400	00109	82818	/////	0//06	10940	30605	/////
J	99525	70202	09064	81810	96205	25611	853//	61808	86709	88630	05211	11222	30601	24905
K	99450	70162	09064	73412	97015	32715	755//	00203	87622	/////	0//12	11677	30000	02203
M	99660	10022	09064	10524	98011	96803	15500	11227	81630	/////	05752	10758	30806	00/00

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H.M.S.O. Press, Met.O. 8

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39800

Date of Issue Tuesday 10 November 1970

Code FM 11.D

OBSERVATIONS at 12h. — 9 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	73017	77022	17709	755//	05005	84625	87630	
Hurn	862	62814	80021	18911	656//	06210	86630		
Thorney Island	871	62813	82011	18111	68500	05003	81822	83635	86642
Manston	797	42817	81030	13911	48600	04702	82830	83650	
Gatwick	776	72716	75031	16410	785//	05104	81820	87645	
Kew	775	42511	66021	14811	48500	04802	81828	84642	
Heathrow	772	52515	81012	15310	58500	04003	81825	85640	
Honington	586	72723	66031	11210	785//	03004	85828	87645	
Wattisham	590	73021	69032	11909	785//	04104	84823	85650	
Gorleston	497	32820	60016	08810	31600	05805	83830		
Aberporth	502	43122	69011	18910	48500	04005	81820	84630	
Ross-on-Wye	627	72812	70022	16511	755//	03106	87627		
Filton	628	72814	69022	18011	785//	03112	81825	87632	
Rhoose	715	72822	82032	18610	785//	05106	81825	87630	
Chivenor	707	73021	80028	20811	756//	05206	87636		
Mount Batten	827	82917	66802	22411	885//	07108	81820	88625	
St. Mawgan	817	83119	80252	23211	885//	05108	83822	88632	
Scilly	804	83309	79022	24911	855//	05008	88628		
Culdrose	809	83111	80032	23711	855//	05108	85624	88632	
Guernsey	894	73017	82022	22111	785//	06009	82824	87630	
Elmdon	534	32924	75018	14410	38500	03010	82826		
Cardington	559	62719	70018	13311	68500	05000	85825		
Wittering	462	32923	80018	12011	31500	05106	83828		
Watnall	354	22921	78018	11810	28600	03104	82830		
Shawbury	414	73117	78808	15210	785//	05109	81822	83827	85645
Finningley	360	13023	64028	09710	11500	04004	81825		
Kilnsea	396	12934	66026	08310	11500	03501	81825		
Leeming	257	13026	82028	08711	11500	02208	81828		
Tynemouth	262	22835	74020	05710	11630	03107	81835		
Carlisle	222	72918	74038	09809	785//	03221	86828		
Valley	302	73029	74158	17211	7856/	04214	83822	85635	
Ringway	334	72922	60258	13109	784//	04106	84818	86635	
Squires Gate	318	72924	65808	13510	734//	05215	81918	83822	85645
Ronaldsway	204	63026	83011	14510	686//	03216	86830		
Mull of Galloway	131	63333	74166	13809	635//	05234	86923		
Eskdalemuir	162	63037	78258	07107	625//	04016	86820		
Prestwick	135	73123	65258	10509	785//	04125	84823	83630	
Abbotsinch	140	72824	68808	09409	7854/	04333	86825		
Leuchars	171	32824	86020	04509	32640	03227	83830		
Dyce	091	73130	66808	00808	525/2	05336	85822	87068	
Lerwick	005	73614	69258	99505	784//	50272	82815	87625	
Wick	075	73320	62808	02407	794//	06261	81710	83915	86630
Sule Skerry	010	73437	70038	03108	734//	06271	87915		
Cape Wrath	049	73225	74038	04507	735//	05266	87920		
Stornoway	026	63226	75258	08107	695//	06240	83822	85926	
Benbecula	022	63126	72258	11608	634//	03230	82917	85635	
Tiree	100	33128	70018	12809	23530	03229	82920		
Aldergrove	917	23019	75018	15509	22400	05210	82818		
Malin	980	73225	80018	16610	734//	06225	85918	84640	
Belmullet	976	73017	84022	21710	754//	04010	81717	87632	
Birr	965	72709	80022	21510	785//	05006	81823	87636	
Dublin	969	52822	80031	17910	58530	04210	81825	84645	
Shannon	962	72818	80015	23011	756//	04108	87640		
Roches Point	952	72818	80022	23611	754/1	06002	83716	87632	85070
Valentia	953	83011	70505	25311	863//	06108	86709	87624	

OBSERVATIONS at 18h. — 9 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	23113	66011	19307	25600	04312	82634		
Hurn	862	72811	70032	19810	755//	06310	87626		
Thorney Island	871	12810	64011	18909	15600	06312	81640		
Manston	797	12918	74011	15109	15600	04216	81630		
Gatwick	776	22909	67021	17509	25600	04318	82635		
Kew	775	12912	70018	17110	14600	03325	81638		
Heathrow	772	12818	66018	16909	15600	03318	81635		
Honington	586	02821	80018	13408	00900	02218			
Wattisham	590	13121	80011	13508	15600	02218	81630		
Gorleston	497	02817	62010	10909	00900	03218			
Aberporth	502	73420	80021	20910	785//	04312	83825	87630	
Ross-on-Wye	627	72707	77021	19009	756//	04221	87630		
Filton	628	32909	66031	19309	35600	03207	83634		
Rhoose	715	42917	75011	20409	45600	04114	84632		
Chivenor	707	73215	80022	22211	756//	04314	87642		
Mount Batten	827	82812	66028	23411	855//	06312	82620	88625	
St. Mawgan	817	73119	80028	24011	785//	04311	82822	87634	
Scilly	804	83214	74032	25311	855//	05209	88622		
Culdrose	809	73218	80028	24210	755//	03308	87624		
Guernsey	894	73017	81022	22711	785//	06207	83820	87624	
Elmdon	534	13017	62018	17709	15600	03219	81640		
Cardington	559	02814	66018	16008	00900	04217			
Wittering	462	03020	78018	14908	00900	04225			
Watnall	354	13013	61018	15308	11500	03225	81825		
Shawbury	414	13116	82018	17408	18500	05312	81822		
Finningley	360	03018	62020	13409	00900	03326			
Kilnsea	396	13027	66010	11508	10940	02329	81360		
Leeming	257	12924	82020	12709	11600	04328	81830		
Tynemouth	262	32822	81020	11308	35600	03236	83640		
Carlisle	222	72703	66031	15008	754//	03332	81717	87643	
Valley	302	73015	80038	19910	784//	05312	81815	84822	87630
Ringway	334	33116	60018	16408	38500	03223	81820	83635	
Squires Gate	318	23124	70018	15810	28500	04215	81822		
Ronaldsway	204	62818	80018	18110	625//	03127	86828		
Mull of Galloway	131	63330	74028	17109	636//	03224	86930		
Eskdalemuir	162	43018	80018	13706	42500	02138	84827		
Prestwick	135	63117	66803	15008	685//	04236	82824	85628	
Abbotsinch	140	32518	80018	14108	34640	03234	83630		
Leuchars	171	62710	83031	11708	656//	03239	86634		
Dyce	091	73016	66258	10206	4853/	04242	81825	83632	87365
Lerwick	005	83508	82028	07304	855//	00234	85625	88635	
Wick	075	43209	70258	10405	48400	03234	81815	83625	
Sule Skerry	010	33409	81011	10008	33400	03226	83915		
Cape Wrath	049	73207	83808	11207	785//	05231	86820	87625	
Stornoway	026	43015	80038	13507	22530	05223	82820	83359	
Benbecula	022	73017	70028	15408	584/2	03217	82818	85626	
Tiree	100	73219	80031	15909	784//	03122	82818	87640	
Aldergrove	917	73012	75028	18509	785//	05016	82820	87624	
Malin	980	73220	80028	18109	784//	04210	84818	87640	
Belmullet	976	82713	84802	21510	6547/	06704	82715	85632	
Birr	965	82605	70022	22609	854//	05109	83718	88636	
Dublin	969	82708	70022	21009	856//	05318	84630	88635	
Shannon	962	72608	70505	23708	784//	07309	84714	83822	85638
Roches Point	952	73010	80022	24509	754//	05111	82716	87628	
Valentia	953	72904	80035	24710	754//	07803	81718	87630	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00101	001	+	+
Hurn	862	00121	014	+	+
Thorney Island	871	00121	004	+	+
Manston	797	00121		+	+
Gatwick	776	00111	039	+	+
Kew	775	97121	050	pr$_o$	+
Heathrow	772	97121	033	pr$_o$	+
Honington	586	97111		pr$_o$	+
Wattisham	590	00101	049	+	+
Gorleston	497	00110	056	+	+
Aberporth	502	00101	010	+	+
Ross-on-Wye	627	00111	026	+	+
Filton	628	00110	019	+	+
Rhoose	715	00111	004	+	+
Chivenor	707	97121	000	pr$_o$	ir$_o$
Mount Batten	827	97111	000	pr$_o$	+
St. Mawgan	817	97111	000	pr$_o$	+
Scilly	804	00110	000	+	+
Culdrose	809	97120	000	pr$_o$	+
Guernsey	894	97121	000	+	pr$_o$
Elmdon	534	97111	037	pr$_o$	pr$_o$
Cardington	559	97111	038	pr$_o$	+
Wittering	462	97110	049	pr$_o$	pr$_o$
Watnall	354	92111	050	pr$_o$	+
Shawbury	414	97111	031	pr$_o$	pr$_o$
Finningley	360	97111	062	pr$_o$	+
Kilnsea	396	00110	076	+	+
Leeming	257	00111	077	+	+
Tynemouth	262	00101	080	+	+
Carlisle	222	97101	032	pr$_o$	+
Valley	302	97111	009	pr$_o$	pr$_o$
Ringway	334	97101	020	pr$_o$	pr$_o$
Squires Gate	318	01111	027	pr$_o$pr	prpr$_o$
Ronaldsway	204	97111	040	pr$_o$	pr$_o$
Mull of Galloway	131	96101			
Eskdalemuir	162	97081	064	pr$_o$	+
Prestwick	135	97101	039	pr$_o$	pr$_o$
Abbotsinch	140	92101	053	pr$_o$	pr$_o$
Leuchars	171	00101	076	+	+
Dyce	091	02081	010	pr$_o$	pr$_o$
Lerwick	005	97072	007	pr$_o$	+
Wick	075	02081	001	pr$_o$pr	pr
Sule Skerry	010	91091			
Cape Wrath	049	03092	003	pr	pr$_o$
Stornoway	026	02092	030	pr	pr$_o$
Benbecula	022	92091	017	pr$_o$	pr$_o$
Tiree	100	91101	041	pr$_o$	jp
Aldergrove	917	91091	033	pr$_o$	pr$_o$d$_o$
Malin	980	0110	026		
Belmullet	976	9711	000		
Birr	965	0010	005		
Dublin	969	0011	022		
Shannon	962	9112	004		
Roches Point	952	0011	012		
Valentia	953	9711	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

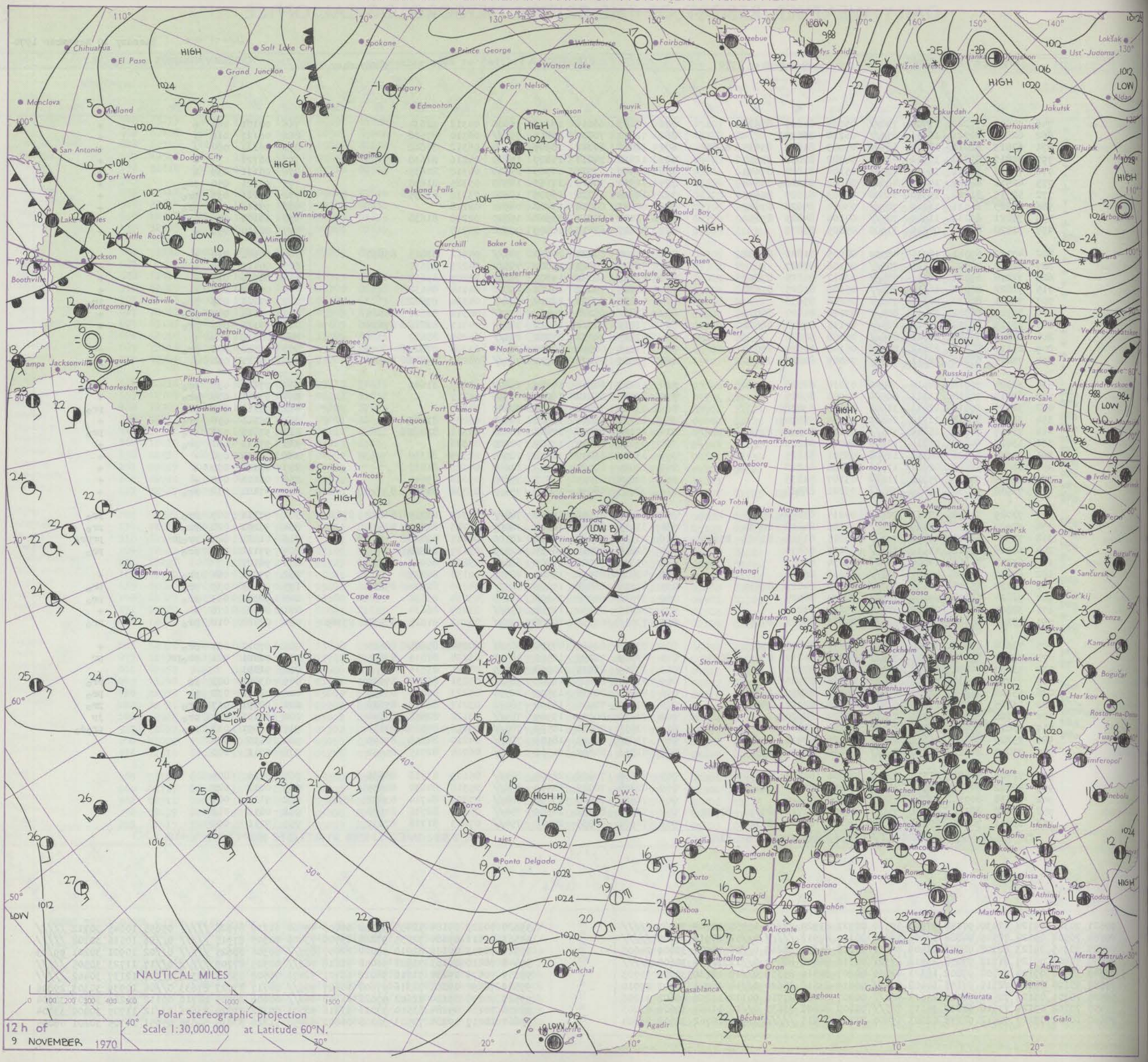
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ys_ypp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70325	09124	42430	97158	97904	39560	00721	83920	/////	05450	10709	30507	/////
B	99564	70504	09124	72545	94888	12100	73400	00107	87912	/////	0//52	10510	30809	/////
C	99527	70355	09123	82708	98022	21409	4551/	00218	84630	88260	0//06	10924	30000	24605
D	99440	70409	09124	81718	97058	23718	6732/	00111	86808	88459	0//17	11714	30605	/////
E	99349	70480	09124	71704	97802	18321	42460	00207	84810	85358	0//19	12130	30000	14703
I	99589	70194	09124	72315	97151	14408	784//	00813	83818	84620	0//14	10941	30303	29010
J	99525	70201	09124	72520	94015	23613	762//	00707	84703	87710	00112	11250	30602	31206
K	99450	70162	09124	70610	98032	34115	785//	00109	82820	87633	0//12	11684	30000	03203
M	99660	10021	09124	50512	98278	02203	59400	21126	84915	/////	05951	10762	30502	06804

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ys_ypp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70329	09184	52435	97158	00003	49560	61212	84928	/////	05655	10645	30712	/////
B	99563	70511	09184	72735	97268	13500	73400	00305	87915	/////	0//56	10516	30708	/////
C	99527	70355	09183	82910	98022	22007	855//	80306	88625	/////	0//02	10921	30201	99/03
D	99440	70410	09183	71921	96058	22618	763//	00505	87709	/////	0//17	11723	30505	/////
E	99359	70479	09184	71710	98022	16721	32471	00508	83815	88358	0//20	12137	30402	/////
I	99589	70192	09184	72316	97608	10607	786//	00717	83723	87633	0//06	10939	30303	29806
J	99527	70199	09184	82622	97022	21112	862//	00606	87705	88710	00112	11269	30707	30904
K	99450	70164	09184	63510	97011	33316	58501	00302	81820	83626	0//12	11705	30000	33404
M	99660	10019	09184	73503	98268	06802	58450	51220	82815	84630	05951	10705	30201	08005

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
HIGH
LOW
HIGH
LOW

18 h of 9 NOVEMBER 1970

Mean Sea Surface Isotherms

00 h of 10 NOVEMBER 1970

Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

06 h of 10 NOVEMBER 1970

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 10 November 1970

Pressure remains high to the southwest of the British Isles with the anticyclone northeast of the Azores moving only very slowly south. The depression which yesterday was near southern Norway is now moving away east over the Baltic and a ridge of high pressure is moving east over Britain. A frontal wave over western Ireland will move east also with a trough northwards from it, but the cold front will become slow moving over southern England as a further small wave approaches from the west. The depression near southeast Greenland will move east towards Iceland.

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

Code FM 11.D

OBSERVATIONS at 00h. — 10 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	73011	66031	21407	35632	05108	83635	85362	86070
Hurn	862	52704	80021	22109	50930	05210	85360		
Thorney Island	871	73008	66031	21807	15746	05208	81650	87272	
Manston	797	52915	78031	18408	00906	04111	85273		
Gatwick	776	72708	70031	20506	10936	04208	81365	87275	
Kew	775								
Heathrow	772	72709	75031	19707	00906	04109	87275		
Honington	586	32915	69030	17406	00902	03218	83078		
Wattisham	590	53214	66030	17906	00906	03219	85075		
Gorleston	497	12710	62030	15607	10930	03221	81360		
Aberporth	502	73213	80022	21909	756//	03104	87635		
Ross-on-Wye	627								
Filton	628	72807	64021	21509	756//	04209	87635		
Rhoose	715	52913	80011	22009	15671	05303	81632	85459	
Chivenor	707	73007	82026	23310	756//	04105	87635		
Mount Batten	827	72708	74022	24110	756//	07500	87643		
St. Mawgan	817	73013	80012	24610	756//	04802	87642		
Scilly	804	72909	82022	25811	755//	07003	87625		
Culdrose	809	82907	80022	25310	855//	06501	88620		
Guernsey	894	73210	81022	24111	756//	06002	87640		
Elmdon	534	82816	66038	19608	60977	03310	83362	85468	88272
Cardington	559	82609	61031	19205	60957	04312	86365	88270	
Wittering	462	73012	61031	18207	00908	03213	87275		
Watnall	354	62906	66031	18807	00906	03212	84268	83070	
Shawbury	414	82706	80031	19708	4561/	04108	84630	88465	
Finningley	360	63012	69021	17108	00908	03217	86272		
Kilnsea	396	53023	66011	16205	20932	03221	82360	84070	
Leeming	257	33017	82011	16807	10942	03217	81362		
Tynemouth	262	32820	74020	15606	00908	03220	83275		
Carlisle	222	62807	59031	17406	6093/	03306	86360		
Valley	302	82816	74028	20509	4562/	06000	84630	88462	
Ringway	334	72908	65258	19008	784//	05108	81816	87635	
Squires Gate	318	73114	75038	18709	6853/	06210	81825	86643	
Ronaldsway	204	72711	82018	19409	784//	05500	81818	87640	
Mull of Galloway	131	42517	80018	18308	40930	06103	84360		
Eskdalemuir	162	20502	74031	16805	11530	01007	81823		
Prestwick	135	62907	68028	17409	656//	02201	82634	86643	
Abbotsinch	140	72110	82031	16906	657/1	02304	86650		
Leuchars	171	12609	82021	15005	15631	02216	81635		
Dyce	091	72908	70808	13906	784//	05213	81712	84822	87634
Lerwick	005	73205	83032	10904	756//	51210	82630	87645	
Wick	075	72707	66801	13205	784//	05213	85815	87630	
Sule Skerry	010	53209	81018	12207	53500	06204	85920		
Cape Wrath	049	63205	85018	13106	685//	04210	84820	86625	
Stornoway	026	72509	80021	14506	3563/	05001	83630	87358	
Benbecula	022	82810	74608	15708	855//	06604	84621	88631	
Tiree	100	63005	82018	16108	685//	06802	81820	85630	
Aldergrove	917	72410	70018	19107	754//	05803	81616	83625	87635
Malin	980	82507	80028	17909	7841/	06804	83818	87634	88465
Belmullet	976	81914	56615	17010	863//	09730	85709	87716	
Birr	965	81905	61615	21108	6642/	06717	86714	88458	
Dublin	969	82508	77616	20707	856//	06709	83630	88650	
Shannon	962	81808	59586	20809	873//	08722	83709	88713	
Roches Point	952	82207	80606	23110	874//	08715	88715		
Valentia	953	82209	58215	22512	864//	12617	88711		

OBSERVATIONS at 06h. — 10 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	82807	66022	21707	4567/	05001	84645	85359	88462
Hurn	862	82205	80032	21909	3562/	05802	83630	88459	
Thorney Island	871	80000	62022	22307	1587/	05004	81657	88361	
Manston	797	42708	74031	20605	15501	04212	81625	84075	
Gatwick	776	72105	65032	21605	756//	04207	87638		
Kew	775	82303	66031	21107	856//	04108	88634		
Heathrow	772	82405	65031	20907	856//	05105	83630	88640	
Honington	586	12608	59011	19504	00902	02209	81075		
Wattisham	590	32809	58021	19803	00902	02110	83075		
Gorleston	497	02706	60020	18304	00900	02214			
Aberporth	502	82010	58612	19707	854//	07716	82712	88634	
Ross-on-Wye	627	82006	63602	20407	855//	05803	88620		
Filton	628	82607	58602	21308	6562/	05400	86635	88460	
Rhoose	715	82704	75602	21308	854//	05707	82616	88623	
Chivenor	707	82307	74616	21909	854//	08708	83710	85616	88640
Mount Batten	827	82606	66616	23110	854//	09607	84716	88630	
St. Mawgan	817	82208	17595	23309	870//	09710	83700	88702	
Scilly	804	82711	32535	23412	852//	12715	86703	88618	
Culdrose	809	82512	58505	23510	850//	10713	83700	85707	88616
Guernsey	894	72908	81022	23910	785//	07603	83824	87640	
Elmdon	534	72505	65022	19907	755//	05802	87627		
Cardington	559	72506	61031	20305	756//	04106	87641		
Wittering	462	52703	58031	19504	25601	03106	82636	84075	
Watnall	354	82405	56051	19406	856//	05001	88645		
Shawbury	414	72208	74601	19407	2551/	05806	82625	87460	
Finningley	360	72605	50041	18506	756//	04204	87644		
Kilnsea	396	03012	66020	17704	00900	02208			
Leeming	257	62905	82031	17904	00906	01004	86275		
Tynemouth	262	02708	74020	16605	00900	02105			
Carlisle	222	82702	66021	17007	856//	04805	88631		
Valley	302	82218	58616	18409	853//	07716	82707	84710	88618
Ringway	334	72406	57216	18908	753//	06804	81709	84712	87630
Squires Gate	318	72609	80031	18009	784//	07806	82818	87635	
Ronaldsway	204	82210	56596	17308	853//	07710	81706	86708	88628
Mull of Galloway	131	82720	80501	16008	8092/	06718	88460		
Eskdalemuir	162	70000	66031	16903	755//	01203	87628		
Prestwick	135	81803	62602	15607	854//	06708	83710	85618	88650
Abbotsinch	140	80000	70032	15606	856//	05708	88642		
Leuchars	171	32507	74030	15003	25632	00801	82634		
Dyce	091	12809	86028	14304	14600	01801	81635		
Lerwick	005	60000	83031	10702	656//	51804	86645		
Wick	075	62605	80038	12903	685//	03801	81820	86635	
Sule Skerry	010	32705	82028	11408	35500	05705	83620		
Cape Wrath	049	62712	83038	11507	635//	04716	86920		
Stornoway	026	82208	75036	12107	8092/	05715	88459		
Benbecula	022	81608	72606	12407	4557/	06716	84621	88460	
Tiree	100	82013	70606	12709	6547/	07721	82715	85629	88462
Aldergrove	917	81709	30596	15407	861//	07722	83702	88703	
Malin	980	81913	60586	13108	864//	07723	88712		
Belmullet	976	82712	45516	15212	863//	11602	88708		
Birr	965	82306	48586	16912	873//	11614	88707		
Dublin	969	81801	50615	16307	862//	07725	82703	84706	88708
Shannon	962	82713	22536	18212	871//	12602	83702	83704	88706
Roches Point	952	72707	62216	19812	663//	11609	84707	86644	
Valentia	953	82713	25616	20412	862//	12605	88703		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97061	03	+	drrrro
Hurn	862	97071	06	+	rro
Thorney Island	871	97061	01	+	irr
Manston	797	00050	02	+	+
Gatwick	776	00031	51	+	+
Kew	775	00061	01	+	+
Heathrow	772	00051	02	+	+
Honington	586	00031	01	+	+
Wattisham	590	00021	52	+	+
Gorleston	497	00030	01	+	+
Aberporth	502	02071	07	+	irrrrro
Ross-on-Wye	627	01071	05	+	rrro
Filton	628	94081	06	+	rrrdddo
Rhoose	715	92081	06	+	irrrrrdrro
Chivenor	707	04091	08	rro	rrrrrrdr
Mount Batten	827	03091	07	+	rrrrr
St. Mawgan	817	04091	08	+	drdrrrrfrrro
Scilly	804	01102	08	+	iddd
Culdrose	809	01092	05	+	iddddo
Guernsey	894	01101	09	+	irddrro
Elmdon	534	97061	03	+	rro
Cardington	559	00030	51	+	+
Wittering	462	00030	01	+	+
Watnall	354	97051	50	+	+
Shawbury	414	91051	50	+	irrrrro
Finningley	360	00051	02	+	+
Kilnsea	396	00040		+	+
Leeming	257	00041	00	+	+
Tynemouth	262	00041	00	+	+
Carlisle	222	97041	52	+	drro
Valley	302	03091	07	prrirro	irrrrrrrrdrrro
Ringway	334	96061	05	prro	rrrrro
Squires Gate	318	01091	06	prro	rrrr
Ronaldsway	204	02081	07	+	drrdro
Mull of Galloway	131	94071			
Eskdalemuir	162	00031	51	+	+
Prestwick	135	97071	05	prro	irro
Abbotsinch	140	00051	03	+	+
Leuchars	171	00011	52	+	+
Dyce	091	92021	52	prro	+
Lerwick	005	95012	53	+	irrprro
Wick	075	02021	51	prrpr	+
Sule Skerry	010	92071	02		
Cape Wrath	049	91051	04	prro	prro
Stornoway	026	97041	01	irro	irro
Benbecula	022	97061	04	prrirro	irrridrro
Tiree	100	97071	04	prro	irrridrro
Aldergrove	917	02061	06	rro	drrdrrdrrdrrdrro
Malin	980	93071	07		
Belmullet	976	06081	07		
Birr	965	03071	07		
Dublin	969	02071	06		
Shannon	962	05081	06		
Roches Point	952	93091	08		
Valentia	953	02091	09		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70327	10004	52228	97238	97002	39560	00731	83925	/////	05802	10664	30608	99816
B	99563	70513	10004	72748	97071	17201	72400	00219	87812	/////	0//54	10513	30910	/////
C	99527	70355	10003	82910	98028	22506	5551/	00202	85630	88458	0//01	10965	30000	28503
D	99440	70410	10003	81922	97618	23218	873//	00801	88808	/////	0//17	11896	30503	/////
E	99350	70479	10004	71812	97022	18321	12470	00107	81815	87350	0//20	12135	30502	11703
I	99589	70191	10004	72818	96216	09208	5542/	00608	81715	85627	0//07	10942	30202	29806
J	99527	70199	10004	82421	96206	20713	863//	51702	88707	/////	00112	11240	30704	30005
K	99449	70164	10004	60506	97258	33815	68500	00604	82820	85633	0//13	11675	30000	33403
M	99660	10019	10004	81710	97028	07803	884//	00002	83820	87630	05753	10727	30502	07904

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70325	10064	72128	97268	92001	6956/	00729	86920	/////	06053	10646	30710	/////
B	99563	70506	10064	42836	98268	22800	42400	00236	84810	/////	0//50	10518	30809	/////
C	99527	70355	10063	62625	98022	20606	62500	00512	86925	/////	0//01	11002	30201	28504
D	99440	70410	10063	82017	97636	20518	873//	00612	88707	/////	0//17	11830	30503	/////
E	99350	70480	10064	80000	97809	16919	894//	00615	88910	/////	0//19	12116	30000	15502
I	99589	70188	10064	62926	97806	07707	58570	00710	83820	84630	0//04	11003	30404	30805
J	99524	70202	10064	82221	96515	17012	873//	51719	88706	/////	00212	11219	30704	30006
K	99450	70161	10064	73504	97032	32716	785//	00605	81820	87650	0//12	11665	30000	33403
M	99660	10017	10064	21918	98028	05802	25500	00809	82630	/////	05801	10719	30503	07904

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H.M.S.O. Press, Met.O. 8

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39801 — *Date of Issue* Wednesday 11 November 1970

Code FM 11.D

OBSERVATIONS at 12h. — 10 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	82009	48616	20408	871//	08817	86702	88706	
Hurn	862	81705	30586	20610	872//	10718	85704	88706	
Thorney Island	871	82506	63612	21510	3842/	08812	83818	88558	
Manston	797	72307	64031	21210	1855/	06802	81820	86360	
Gatwick	776	82207	66602	21210	1567/	06807	81635	88462	
Kew	775	82305	62212	20610	7552/	05809	87626	88459	
Heathrow	772	82010	68212	20210	6557/	05809	84628	85657	86362
Honington	586	82306	61031	19709	855//	05805	81620	88635	
Wattisham	590	72606	60031	19808	785//	06805	81820	87635	
Gorleston	497	42807	60031	19409	25604	04000	82630	84075	
Aberporth	502	82717	48606	17712	853//	11705	82706	88635	
Ross-on-Wye	627	82007	57606	17709	8042/	09721	88510		
Filton	628	81907	23616	18809	7732/	08718	83706	87709	88515
Rhoose	715	82514	10536	18412	870//	12721	85701	88702	
Chivenor	707	82614	48606	19513	872//	12713	85704	88706	
Mount Batten	827	82710	48506	21013	852//	13713	82705	86707	88620
St. Mawgan	817	82717	19516	21812	870//	12705	85700	88701	
Scilly	804	72915	61035	22913	755//	12707	87623		
Culdrose	809	82713	40515	22213	862//	12807	85703	88706	
Guernsey	894	82316	20586	22811	870//	11813	88701		
Elmdon	534	81808	57516	18308	852//	07819	84705	86708	88611
Cardington	559	82107	70212	19410	2567/	06812	82645	88462	
Wittering	462	82307	74032	18610	1577/	06814	81650	88358	
Watnall	354	82210	48216	18008	854//	06716	85715	88635	
Shawbury	414	81805	56586	17108	6532/	08719	82706	85712	86630
Finningley	360	82209	58606	17409	856//	06714	82630	88650	
Kilnsea	396	82510	48051	18206	856//	06805	88630		
Leeming	257	81608	32042	16507	6547/	06714	82615	85630	86360
Tynemouth	262	82103	48050	15708	855//	05814	88620		
Carlisle	222	80000	50515	14109	7547/	07824	81713	83625	87640
Valley	302	72515	58206	15912	751//	11806	82702	85706	87616
Ringway	334	81910	56506	16809	853//	07820	85708	88618	
Squires Gate	318	81511	57586	15609	853//	08821	82709	84625	88635
Ronaldsway	204	82409	80206	14511	872//	10815	85704	88705	
Mull of Galloway	131	82717	80205	13410	854//	09611	86715	88640	
Eskdalemuir	162	82009	48515	13607	871//	06820	88702		
Prestwick	135	82007	59206	12409	7537/	08822	82707	85711	86635
Abbotsinch	140	81202	50506	12408	872//	08821	81704	84706	88708
Leuchars	171	82502	48041	12607	7557/	05819	82620	87634	88459
Dyce	091	72208	80021	12007	35672	02821	81635	83656	85360
Lerwick	005	82108	82030	08506	7847/	04715	81815	84628	87645
Wick	075	72009	89021	10007	38538	05722	81820	85360	87275
Sule Skerry	010	82013	82038	08309	5557/	07721	85620		
Cape Wrath	049	72312	82028	07707	755//	04728	87625		
Stornoway	026	81920	65205	07309	852//	09732	82705	86708	88612
Benbecula	022	81812	60206	07409	852//	09732	83704	85706	88612
Tiree	100	82514	45206	08911	851//	11720	82702	87703	88620
Aldergrove	917	82309	56206	13111	860//	10713	85701	88703	
Malin	980	82519	50206	11911	862//	11705	88704		
Belmullet	976	82311	35506	14112	862//	11713	85705	87710	
Birr	965	82206	62506	17012	873//	11805	87708	87626	
Dublin	969	82611	74506	15512	862//	11803	85704	88708	
Shannon	962	82513	20596	17912	871//	12805	84702	86704	88708
Roches Point	952	62716	75018	19014	664/1	12808	85711		
Valentia	953	82714	30506	20213	862//	12804	88703		

OBSERVATIONS at 18h. — 10 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	82807	56206	17511	872//	11801	84703	87705	88707
Hurn	862	82407	40516	17713	854//	12000	83710	86625	88647
Thorney Island	871	82509	32506	18013	852//	12506	82705	86706	88620
Manston	797	81609	19516	17509	851//	08820	83702	86705	88612
Gatwick	776	82303	28206	17311	871//	10613	88702		
Kew	775	82204	26206	16710	872//	10713	86704	88710	
Heathrow	772	81905	25206	16610	871//	09610	87702	88704	
Honington	586	81910	32206	16308	862//	07611	86704	88706	
Wattisham	590	82208	19506	16907	870//	07612	84701	88702	
Gorleston	497	81910	60031	15809	8097/	07723	88360		
Aberporth	502	82416	59606	15612	852//	12710	84705	88622	
Ross-on-Wye	627	82006	70026	15513	864//	11705	88715		
Filton	628	82309	20056	16612	862//	11504	88704		
Rhoose	715	72714	57022	16712	761//	12606	82702	85703	87704
Chivenor	707	82612	59026	18213	863//	12805	84706	88708	
Mount Batten	827	82612	56026	20213	863//	12202	85707	88711	
St. Mawgan	817	82615	50206	20412	862//	12801	84703	86705	88708
Scilly	804	72712	66022	21812	755//	12702	87620		
Culdrose	809	82713	50035	21212	853//	11400	83707	85712	88627
Guernsey	894	82716	58216	20912	872//	12501	85703	87705	
Elmdon	534	82207	18506	15010	871//	10713	85702	88703	
Cardington	559	82107	37206	15609	862//	09816	86705	88707	
Wittering	462	81908	32205	14909	871//	08716	83702	88703	
Watnall	354	82404	07515	14309	872//	09717	88703		
Shawbury	414	82310	66506	14112	873//	11813	88708		
Finningley	360	82010	40046	13309	853//	08720	82707	85618	88628
Kilnsea	396	82117	48506	13908	873//	08620	88707		
Leeming	257	81610	19045	11309	864//	08723	88712		
Tynemouth	262	82002	32042	10309	856//	07724	88630		
Carlisle	222	82309	62215	09911	854//	10720	83712	84617	88630
Valley	302	82119	61216	12912	853//	12816	81707	84711	88620
Ringway	334	81909	18515	13310	870//	09714	83701	88714	
Squires Gate	318	82210	50616	12411	872//	11817	83703	84705	88708
Ronaldsway	204	82214	56596	10712	870//	11821	81701	88702	
Mull of Galloway	131	82118	74616	09111	873//	10724	88706		
Eskdalemuir	162	82110	07515	08909	870//	09718	86700	88702	
Prestwick	135	82410	62606	08410	853//	09713	81708	83617	88630
Abbotsinch	140	82110	61636	07610	4542/	09616	81710	83618	88556
Leuchars	171	82307	48605	06209	862//	08730	81704	84705	88706
Dyce	091	81909	40042	05807	862//	06730	83703	88705	
Lerwick	005	82014	80038	02406	5843/	04734	82815	83656	
Wick	075	71913	82022	02508	6553/	06737	86622		
Sule Skerry	010	81919	66612	00909	874//	08733	88710		
Cape Wrath	049	82309	74602	99609	8092/	08739	88460		
Stornoway	026	82413	63258	01808	5842/	08613	82815	84624	88459
Benbecula	022	72612	74206	04109	754//	07807	81710	84621	87631
Tiree	100	82711	58596	05809	852//	08712	84704	86709	88620
Aldergrove	917	82111	56606	08811	860//	11627	82701	85702	88705
Malin	980	82110	57506	06410	863//	09033	88708		
Belmullet	976	82420	32586	08812	862//	12719	85703	86707	88710
Birr	965	82213	56506	13012	863//	11718	88706		
Dublin	969	82413	66615	11713	863//	12717	85706	88709	
Shannon	962	82420	56206	14012	873//	11719	85708	88711	
Roches Point	952	72416	75022	16512	754//	11713	82741	87629	
Valentia	953	82417	62025	16613	864//	11617	88712	88630	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	02121	000	$d_or_od_or_or_r$	d_od_o
Hurn	862	01131	000	$r_or_od_or_od_r$	d_od_o
Thorney Island	871	01131	002	$r_or_od_or_o$	d_o
Manston	797	94111		i_r_o	$r_or_od_od_o$
Gatwick	776	02111	003	r_or_o [illegible]	$r_od_od_od_o$
Kew	775	01111	002	$r_or_od_or_od_or_o$	$d_or_od_or_o$ d_od_off.
Heathrow	772	01111	002	$r_or_od_or_o$	d_od_od
Honington	586	97101		$r_od_or_o$	$d_or_od_od$
Wattisham	590	97091	022	i_r_o	$i_r_od_or_od_od_o$
Gorleston	497	00090	051	+	+
Aberporth	502	02121	000	$r_or_or_ri_r_o$	i_r_o
Ross-on-Wye	627	02131	002	$r_or_oi_r_o$	+
Filton	628	01131	000	$d_od_or_or_or_od_o$	d_or_o
Rhoose	715	06131	000	$d_or_od_rrr_or_od_o$	$dd_od_or_od_r$
Chivenor	707	02131	000	$d_or_or_ir_oi_d_o$	$i_r_oi_d_o$
Mount Batten	827	01131	000	d_or_o	i_d_o
St. Mawgan	817	03121	000	$r_or_or_ri_f$	$i_d_or_oi_d$
Scilly	804	97141	013	i_d_o	+
Culdrose	809	92130	000	$i_d_od_od_oi_d_o$	+
Guernsey	894	05131	000	$d_or_or_or_od_r$	$d_or_or_or_od_r$
Elmdon	534	01111	000	$r_or_dr_or_od_od_o$	d_o-r_o
Cardington	559	91111	002	$r_or_or_od_od_or_o$	$d_or_od_od_or_o$
Wittering	462	97111	000	d_od_o	d_od_o
Watnall	354	92111	000	$r_or_od_od_off$	d_od_off
Shawbury	414	94121	000	$r_od_or_od_or_oi_d_o$	$i_d_od_oi_r_o$
Finningley	360	97101	000	r_od_o	$d_or_od_o$
Kilnsea	396	97090	016	i_r_o	$i_d_oi_r_o$
Leeming	257	97121	001	d_o	r_o
Tynemouth	262	00101	002	+	+
Carlisle	222	95111	000	d_od_o-d_o	r_o-$r_or_od_od_o$
Valley	302	02131	000	$dr_od_or_o$	$d_or_oi_r_o$
Ringway	334	02111	000	$r_od_od_o$	$d_od_or_or_o$
Squires Gate	318	03111	000	$rd_or_od_or_od_od$	$d_or_od_or_o$-r_orR
Ronaldsway	204	04121	000	d_od_o	R-dr
Mull of Galloway	131	03111			
Eskdalemuir	162	03091	000	d_od_od	d_od_off-d_or_o
Prestwick	135	03111	000	i_d_o	$i_r_oi_d_o$
Abbotsinch	140	02111	000	$i_r_oi_d_o$	$d_oi_r_ri_d_o$
Leuchars	171	95101	000	$4d_o$	$r_or_d_or_o$
Dyce	091	01081	018	+	r_or
Lerwick	005	94072	003	pr_o	+
Wick	075	00091	003	+	+
Sule Skerry	010	01101			
Cape Wrath	049	96091	000	+	i_r_o
Stornoway	026	94101	000	$i_d_od_od_oi_d_o$	$i_d_opr_o$
Benbecula	022	01101	000	i_d_oddf	$d_or_oi_r_oi_d_o$
Tiree	100	02111	000	$d_od_od_ir_o$	$i_r_or_dr_od_od_o$
Aldergrove	917	01111	000	d_od_o-d_o-r_o	$r_or_od_or_or_rd_od_o$
Malin	980	0212	000		
Belmullet	976	9312	000		
Birr	965	0113	000		
Dublin	969	0113	000		
Shannon	962	0213	000		
Roches Point	952	0115	019		
Valentia	953	9714	002		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

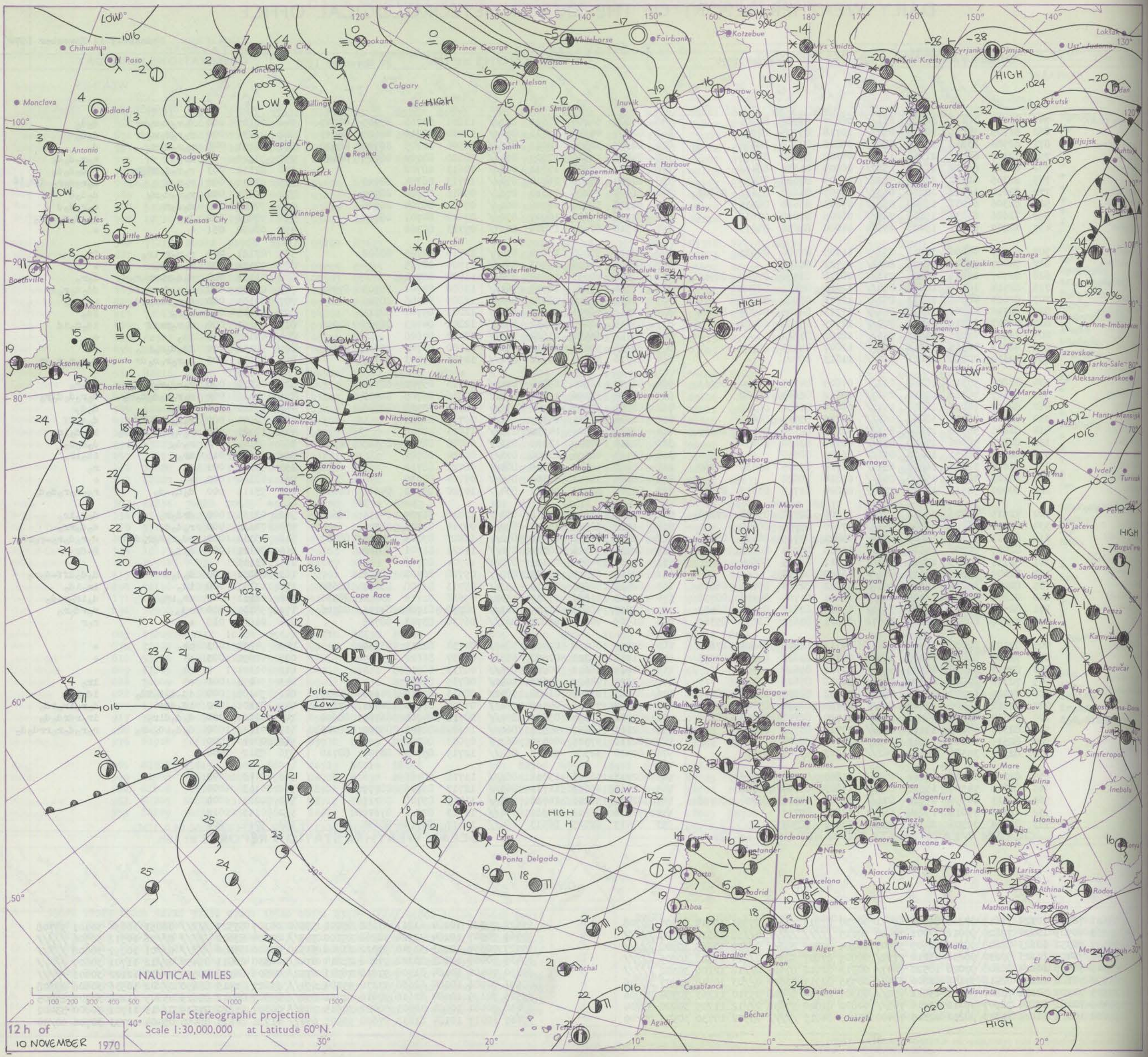
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70322	10124	71619	97268	86201	69471	00730	87915	/////	05951	10647	30304	99708
B	99563	70509	10124	72820	97012	27001	72400	00215	/////	/////	0//58	10510	30709	/////
C	99527	70352	10123	82028	90152	22405	51507	00204	89820	882//	0//52	10863	30708	/////
D	99440	70409	10123	80230	96636	23214	7732/	00009	87807	88558	0//14	11788	30505	/////
E	99349	70479	10124	81208	97028	18520	7847/	00313	82812	87625	0//18	12106	30502	/////
I	99590	70188	10124	62418	97158	02806	634//	00735	82917	83630	0//03	10948	30303	29806
J	99525	70200	10124	72817	97025	15811	752//	00307	84704	86608	05310	11263	30704	24006
K	99449	70161	10124	72907	97012	33016	785//	00802	81820	87638	0//12	11705	30000	33404
M	99662	10015	10124	71823	98252	02305	79400	41819	84915	/////	05502	10730	30503	00/00

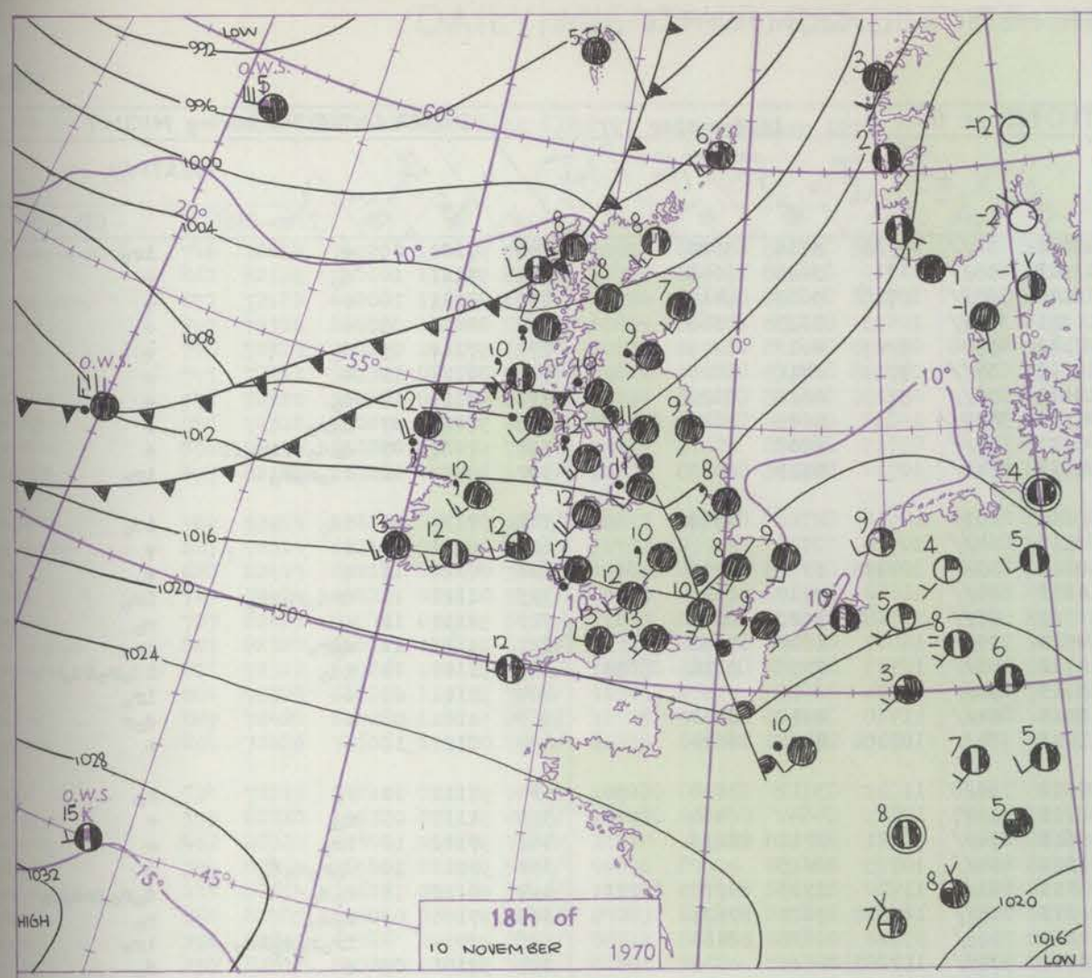
OCEAN WEATHER STATION REPORTS at 18h.

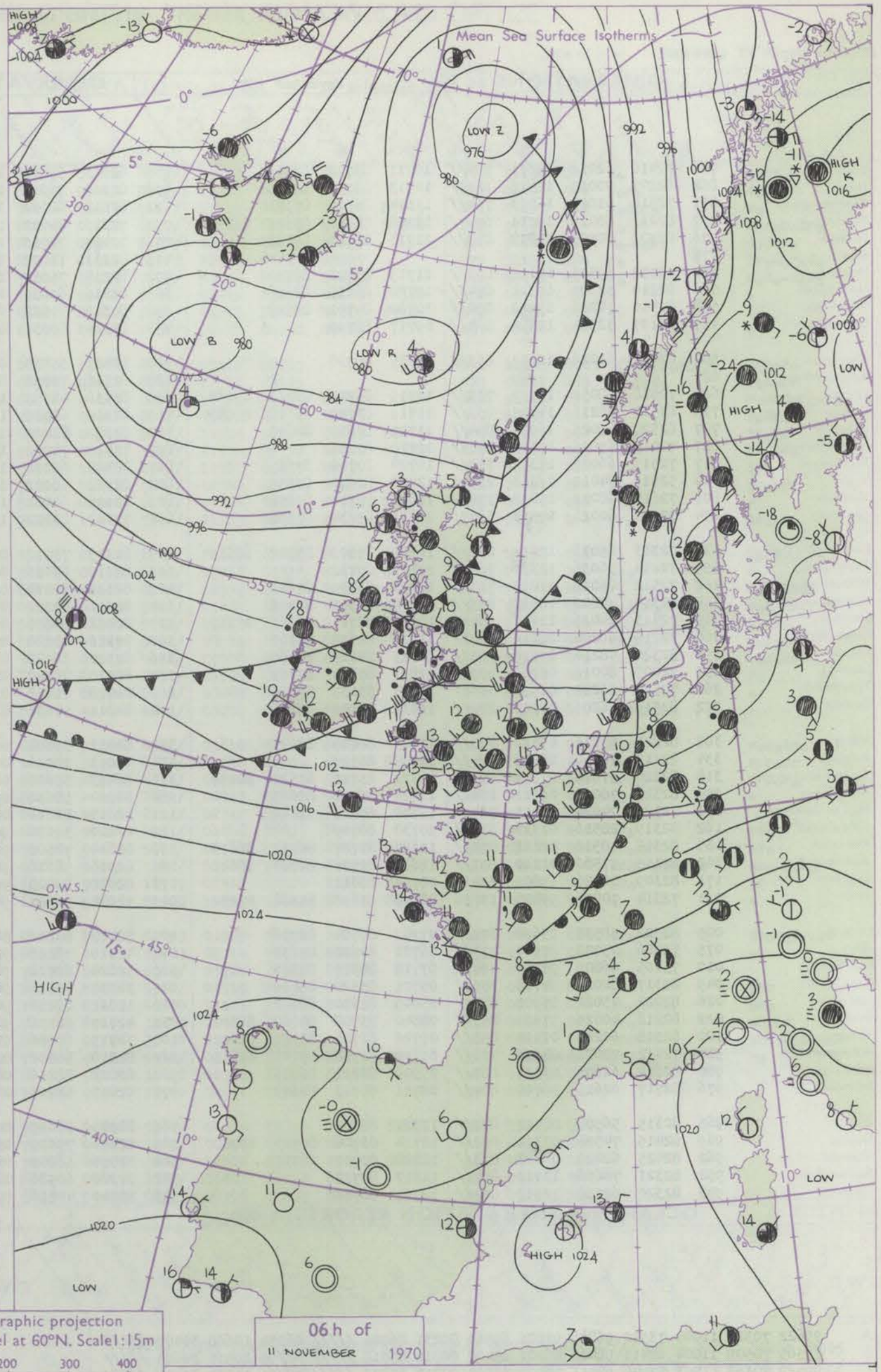
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70326	10184	61811	97158	85001	59560	00307	85927	/////	06053	10634	30101	99708
B	99563	70507	10184	72924	98268	27100	755//	00604	87622	/////	0//56	10512	30506	/////
C	99527	70354	10183	52940	97022	21906	53500	00500	85820	/////	0//01	10892	30808	/////
D	99439	70409	10183	80328	97206	25814	6742/	00330	86811	88457	0//12	11701	30607	/////
E	99350	70480	10184	81508	97618	16921	6752/	00609	86720	88550	0//18	12122	30401	/////
I	99591	70186	10184	62630	97278	95104	694//	61627	81915	85650	0//02	10936	30606	29908
J	99525	70199	10184	82616	97616	12811	854//	00609	85712	88625	05309	11250	30705	22005
K	99450	70161	10184	72503	98022	30615	785//	00607	81820	87639	0//11	11701	30000	33402
M	99661	10017	10184	81833	97608	95905	6547/	41738	84613	88456	05404	10733	30706	00/00

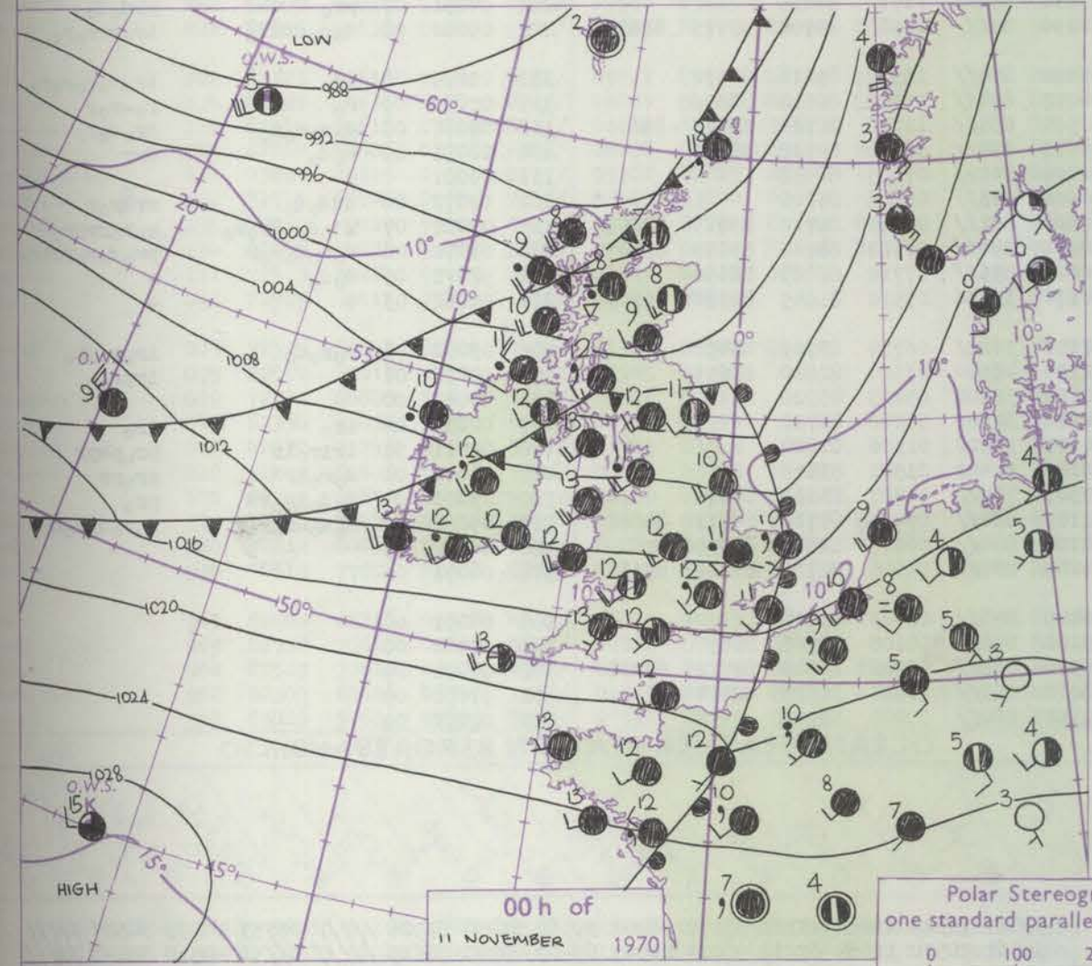
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
TROUGH
Chihuahua
El Paso
Midland
Monclova
Salt Lake City
Spokane
Billings
Rapid City
Bismarck
Regina
Calgary
Edmonton
Prince George
Whitehorse
Fairbanks
Kotzebue
Watson Lake
Fort Nelson
Fort Simpson
Fort Smith
Inuvik
Barrow
Mys Šmidta
Verchojansk
Oymjakon
Ust'-Judoma
Jakutsk
Tiksi
Ostrov Kotel'nyj
Ostrov Bel'kovskij
Ostrov Vrangelja
Ostrov Wrangel
Ostrov Herald
Ostrov Jelizavety
Ostrov Kotzebue
Ostrov Barrow
Ostrov Prince Patrick
Ostrov Banks
Ostrov Victoria
Ostrov Melville
Ostrov Somerset
Ostrov Prince of Wales
Ostrov Baffin
Ostrov Southampton
Ostrov Coats
Ostrov Mansel
Ostrov Akimiski
Ostrov Belcher
Ostrov Ellesmere
Ostrov Devon
Ostrov Axel Heiberg
Ostrov Amund Ringnes
Ostrov Ellef Ringnes
Ostrov Cornwallis
Ostrov Bathurst
Ostrov Melville
Ostrov Byam Martin
Ostrov Prince Charles
Ostrov Air Force







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 11 November 1970

The depression west of O.W.S.'A' yesterday has moved steadily east and become a low pressure complex during the past 24 hours. This will continue eastwards into the Norwegian Sea during the next 24 hours. A weak ridge crossed the British Isles early yesterday, to be quickly followed by a series of troughs which this morning are beginning to clear northwest Scotland. This clearance should continue southwards today, to bring much colder air across the whole of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. 11 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72410	62012	15611	764//	10711	83712	87715	
Hurn	862	62207	70015	10412	1643/	10713	81712	86359	
Thorney Island	871	72518	61025	10413	754//	11614	86618	87621	
Manston	797	82211	60015	14711	6747/	11716	84712	83622	88359
Gatwick	776	82309	30505	15612	873//	11711	83706	88708	
Kew	775								
Heathrow	772	82212	59505	14112	863//	11715	83708	88710	
Honington	586	82210	32605	12311	854//	10720	86618	88650	
Wattisham	590	82510	14286	13010	870//	10720	84701	88702	
Gorleston	497	82107	32515	12510	864//	09717	88710		
Aberporth	502	82521	61026	12612	863//	11719	88706		
Ross-on-Wye	627								
Filton	628	72518	48052	14112	753//	10719	83708	87711	87632
Rhoose	715	82517	58216	14712	853//	11719	83709	85618	88645
Chivenor	707	82520	69025	16013	854//	11722	82618	88645	
Mount Batten	827	72415	69026	18113	756//	12720	87636		
St. Mawgan	817	72519	66026	18312	753//	10720	82708	87635	
Scilly	804	52519	74012	19213	25540	12720	82620	85350	
Culdrose	809	72614	68022	19012	754//	11814	82710	87632	
Guernsey	894	72514	80026	20313	5567/	12811	85634	87362	
Elmdon	534	82313	65036	12012	853//	11516	81709	85711	88619
Cardington	559	72214	56036	12312	764//	11820	87712		
Wittering	462	72512	66016	11012	753//	11626	83709	87620	
Watnall	354	82314	48206	10212	853//	11722	83709	88615	
Shawbury	414	72413	74026	11012	6547/	10614	81714	86623	87360
Finningley	360	72215	66206	08112	4553/	11727	84628	87362	
Kilnsea	396	82320	48216	09810	3552/	10725	83625	88460	
Leeming	257	72009	80016	06013	5553/	11831	85622	87364	
Tynemouth	262	72508	66022	04911	3567/	10733	83635	87359	
Carlisle	222	82516	56206	03712	872//	11633	85705	88708	
Valley	302	82225	69216	09313	855//	11721	82620	88635	
Ringway	334	82112	70216	08912	874//	11722	88714		
Squires Gate	318	82320	57616	07711	5747/	11721	83711	83617	88458
Ronaldsway	204	82322	70016	06113	854//	11824	86712	88623	
Mull of Galloway	131	72727	74026	04011	764//	11720	85715	87640	
Eskdalemuir	162	82319	28516	02511	873//	10730	88709		
Prestwick	135	82315	40516	02212	853//	11624	83707	86712	88618
Abbotsinch	140	82115	57586	01312	852//	11631	81705	84707	88645
Leuchars	171	82309	60026	99809	854//	08736	88612		
Dyce	091	72314	70026	99208	15736	06628	81656	85360	87270
Lerwick	005	82522	58536	93608	872//	07742	85704	88708	
Wick	075	72506	75022	97507	755//	06721	82620	87630	
Sule Skerry	010	73205	66806	95807	4347/	07718	84915	87360	
Cape Wrath	049	82317	82026	94708	3551/	05721	83620	88460	
Stornoway	026	82022	75022	95508	855//	05845	82620	88642	
Benbecula	022	82218	40626	97209	853//	08840	83708	84710	88617
Tiree	100	82518	60206	00110	853//	09726	81706	85712	88622
Aldergrove	917	72412	70026	04512	753//	09617	82708	85711	87615
Malin	980	82818	62605	03211	864//	09509	86712	88635	
Belmullet	976	82717	62615	06710	864//	08711	85713	87640	
Birr	965	82315	56506	08412	872//	12721	88705		
Dublin	969	82415	74506	07312	862//	12724	83704	85707	88709
Shannon	962	82425	62026	09413	873//	12828	82707	88712	
Roches Point	952	82321	70606	13112	864//	11817	88713		
Valentia	953	82320	62218	12513	864//	12721	88712		

OBSERVATIONS at 06h. 11 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62713	59012	12011	654//	09720	83714	85620	
Hurn	862	82310	75032	13513	855//	11716	83625	88643	
Thorney Island	871	82518	62022	13512	5572/	10716	85650	88465	
Manston	797	72313	74022	11711	3557/	10613	83625	87360	
Gatwick	776	72414	70025	12411	45538	09717	84620	87275	
Kew	775	82211	74022	10612	854//	09719	83716	88620	
Heathrow	772	82214	75035	10912	854//	09718	86618	88626	
Honington	586	82316	69026	07912	3547/	10820	81615	83640	88457
Wattisham	590	82516	61022	08911	864//	09719	88712		
Gorleston	497	82314	60036	07412	4742/	10720	84715	88460	
Aberporth	502	62420	59015	08811	26330	10616	82706	85360	
Ross-on-Wye	627	82311	70022	09213	864//	10710	88710		
Filton	628	82418	48052	10813	853//	10717	83708	86712	88619
Rhoose	715	82518	64026	11213	854//	11612	87710	88630	
Chivenor	707	82520	62022	12513	855//	11715	83620	88645	
Mount Batten	827	72418	74022	14913	755//	12817	81620	87650	
St. Mawgan	817	82420	62022	14712	853//	10717	82708	85618	88634
Scilly	804	82321	66022	15313	855//	12721	88620		
Culdrose	809	82518	64022	15513	854//	11718	82710	88630	
Guernsey	894	72419	81022	18013	754//	12710	84710	87634	
Elmdon	534	82317	75212	07512	754/8	11619	83712	83618	86650
Cardington	559	82218	62016	08413	45677	10819	84640	86460	88270
Wittering	462	82516	80022	06613	854//	10721	83712	88616	
Watnall	354	82316	62022	05312	854//	10725	88615		
Shawbury	414	82422	61606	06313	863//	11720	81709	85710	88712
Finningley	360	72316	80026	03213	755//	11731	83620	87625	
Kilnsea	396	82527	66026	04212	7567/	09726	87634	88460	
Leeming	257	82315	74202	00714	854//	11726	88616		
Tynemouth	262	82715	61258	01212	856//	11716	88635		
Carlisle	222	82811	50636	01110	852//	09503	84704	83715	88637
Valley	302	82232	59602	05012	854//	11517	85616	88632	
Ringway	334	82013	75026	04012	854//	11622	86712	88625	
Squires Gate	318	82423	59606	02512	854//	11730	81712	85625	88635
Ronaldsway	204	82914	50636	03609	854//	08500	85712	88650	
Mull of Galloway	131	82617	80616	02109	8092/	07605	88558		
Eskdalemuir	162	82620	32636	99608	873//	06608	88706		
Prestwick	135	82614	70806	99809	884//	07711	81710	83815	88645
Abbotsinch	140	82316	58618	98909	854//	07712	81710	83619	88645
Leuchars	171	82420	80026	96009	855//	07710	82625	88656	
Dyce	091	72814	70022	94110	15636	05510	81645	84360	85270
Lerwick	005	82423	80216	87106	3722/	06734	83705	88458	
Wick	075	42510	75256	92705	48500	03504	82820	83635	
Sule Skerry	010	52824	82018	90207	53500	05205	85920		
Cape Wrath	049	32330	82016	90706	37500	51206	83720		
Stornoway	026	12812	80256	94103	12500	01306	81820		
Benbecula	022	42417	80256	96106	32402	01501	83818		
Tiree	100	72717	66256	97507	784//	02707	83818	87640	
Aldergrove	917	82310	66606	02109	854//	07713	84710	84712	88624
Malin	980	83022	82216	00308	884//	06609	82818	88635	
Belmullet	976	82817	64605	04008	864//	04506	82715	85719	87635
Birr	965	82205	56615	06409	873//	08003	88706		
Dublin	969	82506	75615	05108	852//	08108	82705	88630	
Shannon	962	82510	56605	07510	863//	09702	83708	84712	88718
Roches Point	952	82322	60586	08212	863//	11624	86709	88714	
Valentia	953	82810	40616	09310	864//	09000	88712		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.--03h.	WEATHER 03h.—09h.
Boscombe Down	746	97101	09	+	ir_o
Hurn	862	97121	10	d_o	+
Thorney Island	871	00121	10	+	+
Manston	797	00081	09	+	+
Gatwick	776	97111	09	d_o	+
Kew	775	00111	11	+	+
Heathrow	772	97111	10	d_o	+
Honington	586	97091	07	d_or_o	+
Wattisham	590	97081	07	$d_od_offir_off$	+
Gorleston	497	92092	08	$id_or_or_o$	ir_o
Aberporth	502	97111	10	id_o	id_o
Ross-on-Wye	627	00121	10	+	+
Filton	628	00121	11	+	+
Rhoose	715	01121	11	$drd_or_oir_o$	ir_o
Chivenor	707	91131	11	+	r_o
Mount Batten	827	91121	11	d_or_o	ir_o
St. Mawgan	817	93111	11	id_o	$id_or_oid_o$
Scilly	804	97111	09	+	ir_o
Culdrose	809	91111	08	+	d_or
Guernsey	894	00121	11	+	+
Elmdon	534	97111	10	r_o	r_o
Cardington	559	91111	05	r_o	+
Wittering	462	97111	10	ir_o	+
Watnall	354	93111	10	$d_or_od_od_o$	+
Shawbury	414	96121	11	r_od_o	$d_or_odrd_or_o$
Finningley	360	97101	09	r_od_o	r_o
Kilnsea	396	01091		$ir_or_or_oir_o$	ir_o
Leeming	257	97101	09	+	d_o
Tynemouth	262	94091	07	pr_o	prd_od_o
Carlisle	222	09081	08	$d_od_oddir_o$	$ir_orrr_or_o$
Valley	302	02091	08	ir_o	$ir_od_or_or_or_o$
Ringway	334	01091	09	r_o	r_o-r_or
Squires Gate	318	04091	08	$d_or_or_or_o$	Rr_od_or
Ronaldsway	204	08091	08	r_od_o	Rrr
Mull of Galloway	131	04081			
Eskdalemuir	162	12072	06	ddd_od_o	$rr\&r_or$
Prestwick	135	07081	07	$\times d_od_oiRr_or_o$	$r_or_orrpr_o$
Abbotsinch	140	03071	06	$d_or_od_or_or$	$pr_od_or_orrir_o$
Leuchars	171	92071	05	d_od_o	+
Dyce	091	00061	03	+	+
Lerwick	005	03052	03	$r_or_od_o$	$irpr_oph_o$
Wick	075	95031	01	+	$irpr_o$
Sule Skerry	010	04051	00		
Cape Wrath	049	02031	04	ir_o	ir_o
Stornoway	026	03011	51	$irir_oir$	pr_ophpr
Benbecula	022	04041	01	d_or_oirR	pr_opr
Tiree	100	03061	04	$d_od_oir_orR$	pr_o
Aldergrove	917	05082	07	d_od_o-r_or	$r_or_od_or_o$-r_o
Malin	980	06081	05		
Belmullet	976	04071	06		
Birr	965	03091	08		
Dublin	969	03081	08		
Shannon	962	02091	09		
Roches Point	952	97091	09		
Valentia	953	02091	09		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70321	11004	73530	96058	91101	69560	00231	86926	/////	06051	10668	30407	/////
B	99565	70509	11004	62416	98022	26201	65400	00810	86618	/////	0//54	10510	30604	/////
C	99529	70353	11003	32940	98011	23005	31500	00310	83830	/////	0//51	10885	30915	/////
D	99439	70410	11003	80324	98022	30313	854//	00116	88615	/////	0//08	11835	30606	/////
E	99340	70482	11004	81412	97026	17821	3246/	00111	83015	87359	0//19	12110	30401	33703
I	99590	70188	11004	72230	95278	90405	794//	61712	87915	/////	0//03	10940	30707	29908
J	99525	70197	11004	82926	97218	12808	6542/	61303	82710	86620	05705	11238	30705	24004
K	99450	70162	11004	62608	97032	20715	68500	00815	82830	86642	0//11	11700	30000	33402
M	99661	10016	11004	82020	96636	89303	5742/	41622	85710	88550	05703	10758	30604	18908

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70329	11064	43326	97158	98902	39560	61250	83926	/////	05753	10595	30507	/////
B	99567	70510	11064	62218	98021	20403	65400	00740	86615	/////	0//51	10510	30403	/////
C	99531	70352	11063	62938	98022	23405	62500	00210	86830	/////	0//00	10886	30913	/////
D	99440	70410	11063	70121	98022	32012	75400	00110	87620	/////	0//06	11784	30605	/////
E	99349	70482	11064	51616	98012	17312	12408	00400	81815	852//	0//19	12133	30503	/////
I	99590	70191	11064	22528	97279	84303	29400	61724	82915	/////	0//01	10938	30808	28910
J	99525	70201	11064	72830	98028	10407	58411	61610	84815	84459	05902	11248	30708	31006
K	99450	70162	11064	72315	97022	24215	756//	00721	87640	/////	0//11	11700	30501	33402
M	99658	10016	11064	89902	95687	85101	8052/	51817	88520	/////	06101	10651	30000	18006

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H.M.S.O. Press, Met.O. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39802

Date of Issue Thursday 12 November 1970

Code FM 11.D

OBSERVATIONS at 12h. 11 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	72614	74026	10113	7543/	10813	83715	84618	86635
Hurn	862	82319	74016	11214	853//	11715	86709	88620	
Thorney Island	871	72520	69206	11613	6547/	11714	83618	85640	87360
Manston	797	72318	80022	10114	55571	09815	85622	86362	
Gatwick	776	72419	70025	10314	65438	10818	83618	85640	87275
Kew	775	72213	78032	08915	48571	09814	83820	83360	86075
Heathrow	772	72221	70022	08814	38538	09714	82820	84360	87275
Honington	586	72312	66022	06213	65532	08615	86620	87072	
Wattisham	590	72520	65022	07113	755/2	09815	87620	87075	
Gorleston	497	82118	60022	05413	5567/	10716	85630	88360	
Aberporth	502	92915	01615	06110	9////	10813	89/00		
Ross-on-Wye	627	72314	66216	06114	764/1	11722	87715		
Filton	628	82417	69212	08313	7547/	10811	81710	83713	87622
Rhoose	715	72420	68022	08513	754//	10813	86615	87630	
Chivenor	707	82423	69036	09314	5857/	11819	83820	85645	88464
Mount Batten	827	82320	61026	12313	852//	11717	86704	88618	
St. Mawgan	817	72318	69026	12013	3533/	10818	82708	87359	
Scilly	804	72320	66026	13913	755//	11705	87623		
Culdrose	809	72422	62026	12813	5533/	11715	81709	84640	
Guernsey	894	72426	74606	15712	752//	11814	83704	85708	87620
Eimdon	534	72215	70212	05213	75431	10715	86616		
Cardington	559	82220	69032	07113	855//	10712	88625		
Wittering	462	82420	69602	05014	75472	10812	84712	86630	
Watnall	354	82704	26586	04209	5732/	09806	85706	88520	
Shawbury	414	82614	69616	04113	854//	11717	83712	88622	
Finningley	360	82407	61606	03411	3542/	07003	81710	83615	88458
Kilnsea	396	82815	61026	04110	2562/	08211	82630	88460	
Leeming	257	82612	89025	01711	5557/	06806	85620	84462	88467
Tynemouth	262	82609	61025	01210	75508	07500	87625		
Carlisle	222	82808	59636	00608	7532/	06605	81708	83630	86645
Valley	302	82323	69616	04311	6732/	09711	81706	86711	88556
Ringway	334	82407	40636	04209	871//	09807	84702	86707	88711
Squires Gate	318	82315	75616	03209	853//	09812	82708	86613	
Ronaldsway	204	82814	64606	02708	854//	06608	81716	84626	88645
Mull of Galloway	131	73214	80016	01509	2257/	05302	82825	86362	
Eskdalemuir	162	72715	69606	00006	785//	03503	83820	87637	
Prestwick	135	72710	78028	99708	5857/	03803	82820	85648	87464
Abbotsinch	140	72109	80026	99208	3857/	04802	81820	83656	87362
Leuchars	171	72413	83028	97407	38472	03204	81818	86460	
Dyce	091	22509	80011	95808	18501	01004	81820		
Lerwick	005	72528	66808	88804	793//	01306	83707	87910	
Wick	075	22514	80018	92705	19433	02705	81916		
Sule Skerry	010	72324	66888	88607	794//	03726	87915		
Cape Wrath	049	62330	83032	90607	635//	01710	86920		
Stornoway	026	42320	75258	91503	39403	03815	83916		
Benbecula	022	72410	61808	93606	794//	03815	83712	86915	
Tiree	100	62715	60271	96705	4947/	02709	82914	83822	
Aldergrove	917	72410	74026	01708	45432	05804	81712	84635	87070
Malin	980	72812	80018	99906	735//	04807	85920	85640	
Belmullet	976	72519	77806	02308	5357/	04816	85921	87459	
Birr	965	82404	66216	05308	4642/	06805	84713	88458	
Dublin	969	82712	70606	04009	4647/	06801	84711	88458	
Shannon	962	82507	70616	06008	4542/	06806	81714	84630	88550
Roches Point	952	82307	62616	06710	1732/	09815	81706	88535	
Valentia	953	83010	50616	07309	6742/	07812	86719	88535	

OBSERVATIONS at 18h. 11 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	82422	69025	06312	854//	09719	85715	88625	
Hurn	862	82215	65216	07413	853//	11723	86708	88620	
Thorney Island	871	72321	74028	08613	744//	11712	81612	83614	87645
Manston	797	72318	81026	07613	4547/	09611	81616	84645	87360
Gatwick	776	72317	80026	07713	7547/	10710	86611	87045	
Kew	775	72112	80036	05913	655/2	10715	86625	83075	
Heathrow	772	72118	75026	05913	754//	09713	85618	87635	
Honington	586	82216	72032	03912	6557/	08610	83622	86628	88360
Wattisham	590	72417	66022	04812	3557/	09711	81620	85360	87465
Gorleston	497	81918	60022	03813	4561/	09708	84630	88460	
Aberporth	502	83315	28636	03008	872//	07508	88703		
Ross-on-Wye	627	82320	60506	02012	864//	10727	88715		
Filton	628	82318	66016	04213	853//	09721	81709	88635	
Rhoose	715	82319	70036	03912	855//	09618	84622	88626	
Chivenor	707	82221	69036	04513	854//	11729	83615	86633	88645
Mount Batten	827	72129	58252	07513	783//	11720	85708	83816	87628
St. Mawgan	817	82118	66022	06813	854//	11722	83710	88615	
Scilly	804	72119	74022	07213	784//	12720	81812	87620	
Culdrose	809	72425	58022	07512	753//	11822	82707	85710	87620
Guernsey	894	72223	70216	11813	754//	11719	83713	87630	
Eimdon	534	82313	35596	01312	872//	11619	82705	84707	88709
Cardington	559	72121	70016	04113	6543/	09716	81710	86630	87362
Wittering	462	82318	66022	01612	854//	10719	85618	88625	
Watnall	354	82404	09636	01609	7722/	09614	85703	86708	88510
Shawbury	414	82202	56636	01809	5732/	09612	81709	85714	88525
Finningley	360	82205	48636	01209	8732/	09509	82706	88526	
Kilnsea	396	82410	58616	02509	4552/	09708	84620	88460	
Leeming	257	82411	80212	00108	2557/	04705	82625	88360	
Tynemouth	262	82615	61022	00508	8092/	03809	88459		
Carlisle	222	72004	80016	99306	4841/	03705	81818	83635	86462
Valley	302	82615	66616	01908	855//	05610	85620	88630	
Ringway	334	83008	40636	01708	852//	07608	81703	84710	88618
Squires Gate	318	82414	65616	00908	4552/	05711	84622	88543	
Ronaldsway	204	82513	80026	00008	2852/	02713	81828	88464	
Mull of Galloway	131	82525	84022	98208	2252/	02712	82825	88460	
Eskdalemuir	162	82316	62026	98004	5561/	01608	85635	88460	
Prestwick	135	82419	75028	96608	5857/	02715	83822	83632	88460
Abbotsinch	140	72013	65258	96005	734//	03715	81918	83822	87645
Leuchars	171	82419	70042	95305	18537	02610	81820	83360	88270
Dyce	091	71906	66041	93603	50978	51611	83361	83462	87268
Lerwick	005	72323	80038	86705	634/3	01505	81912	84815	
Wick	075	52315	80038	90303	39463	02712	81918	83070	
Sule Skerry	010	72430	74038	86407	4947/	03720	84915	87360	
Cape Wrath	049	82325	82168	86806	5352/	01719	85920	88460	
Stornoway	026	42121	70259	87403	49400	01721	82915	84618	
Benbecula	022	42315	80278	89605	39460	03714	83916		
Tiree	100	42521	80878	92106	33430	02722	82918		
Aldergrove	917	82313	70028	98207	5542/	03716	81714	85620	88462
Malin	980	52418	80258	96005	33402	02710	83918	83068	
Belmullet	976	22622	78278	98907	29562	02611	81920		
Birr	965	82104	70216	02206	5547/	04609	82718	84633	88458
Dublin	969	82310	75026	01307	1562/	04607	81630	88458	
Shannon	962	82615	70256	02907	6847/	04610	83815	85650	88458
Roches Point	952	82308	60616	04807	1742/	06801	81712	88540	
Valentia	953	83019	68256	04908	885//	04506	86822	88640	

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91131	006	do	ro
Hurn	862	91141	000	doro	doro
Thorney Island	871	95141	002	rodpro	ro
Manston	797	97141		ro	rodorodo
Gatwick	776	97141	001	do-doro	dodrdo
Kew	775	01151	004	ro	Rrodorodo
Heathrow	772	97151	006	ro	rodo-doro
Honington	586	00141		+	+
Wattisham	590	00131	002	+	+
Gorleston	497	00140	000	+	+
Aberporth	502	11122	000	ifirofroroFF	rrroro
Ross-on-Wye	627	04141	003	idorodo	rodorr
Filton	628	96151	000	ro	rodrdoro-ro
Rhoose	715	02131	000	ro	roRro
Chivenor	707	04141	008	doro	iroRr
Mount Batten	827	97141	003	iro	proiro
St. Mawgan	817	01141	000	ido	irr
Scilly	804	04141	024	iro	proirr
Culdrose	809	97140	008	ido	+
Guernsey	894	01141	001	iro	iroir
Eimdon	534	09142	000	ro	rodRdr R
Cardington	559	97141	000	iro	+
Wittering	462	03141	000	ro	dodrDRdr
Watnall	354	11132	000	rodorodr-rroro	rororrff
Shawbury	414	11131	000	dorodoro-rorR	roRR
Finningley	360	05141	000	Rroro	roroRR
Kilnsea	396	07132	000	irroro	roror
Leeming	257	97111	002	+	ro
Tynemouth	262	00101	000	+	+
Carlisle	222	03091	000	roroRrro	+
Valley	302	09131	000	roro	roroiro
Ringway	334	13092	000	rrroror	rrrorr
Squires Gate	318	07101	000	rrroroR	rrroro
Ronaldsway	204	94101	000	roror	+
Mull of Galloway	131	93091			
Eskdalemuir	162	04071	000	rro	rro
Prestwick	135	03091	000	propH	pro
Abbotsinch	140	04081	000	iropropHoro	phoropro
Leuchars	171	95081	000	pro	pr
Dyce	091	00081	016	+	+
Lerwick	005	04072	024	prophoro	phoropropr
Wick	075	91061	066	propro^{s}o	+
Sule Skerry	010	02082			
Cape Wrath	049	01071	019	phr	phr
Stornoway	026	02071	024	phoprphr	pro
Benbecula	022	04081	021	pro	pHphr
Tiree	100	03081	017	phrphoro	phrphoropHR
Aldergrove	917	97091	000	pro	ro
Malin	980	0309	000		
Belmullet	976	0309	002		
Birr	965	0309	000		
Dublin	969	0109	000		
Shannon	962	0408	000		
Roches Point	952	0910	000		
Valentia	953	0710	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

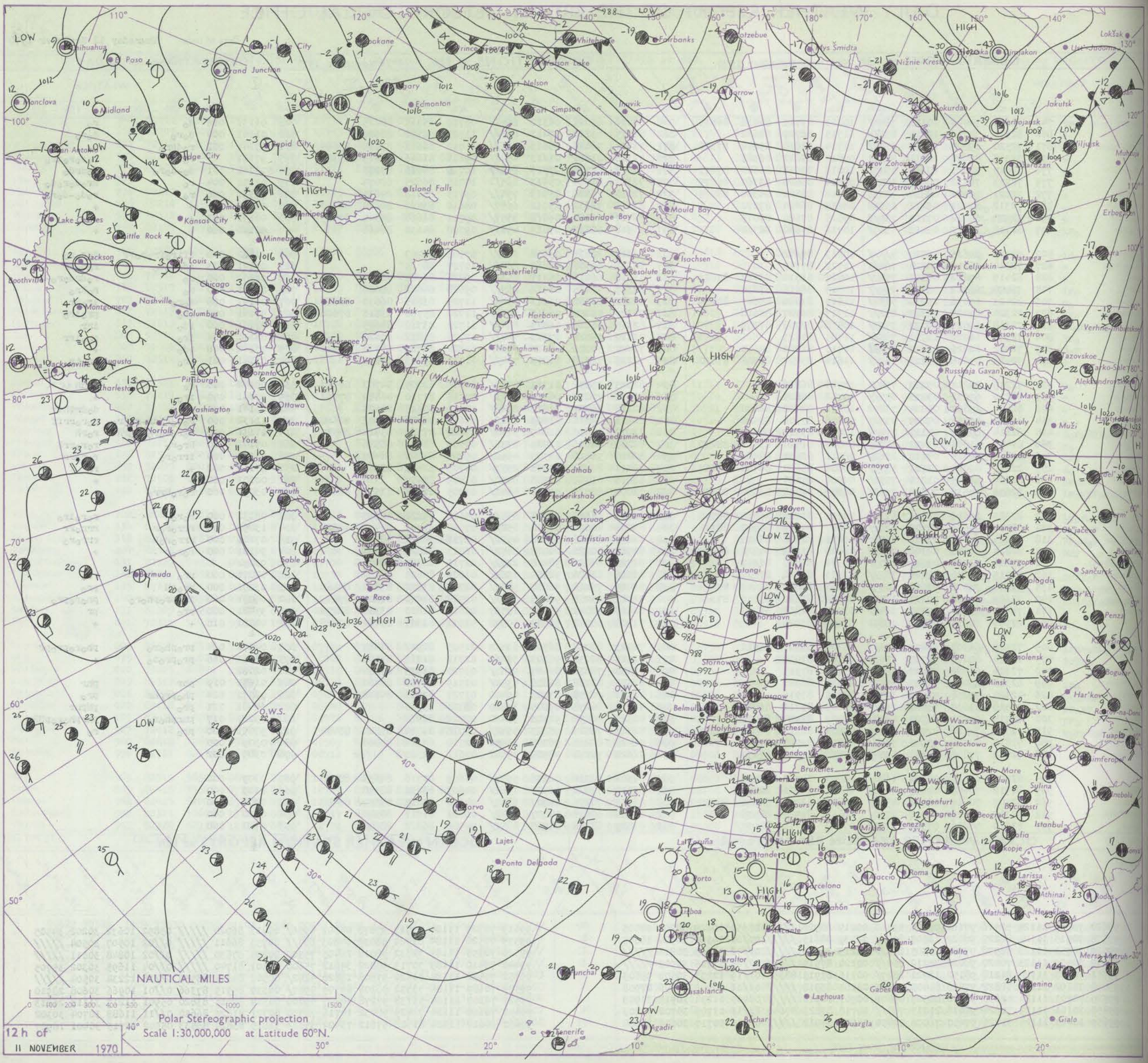
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_yv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70329	11124	52916	97162	02401	49560	00214	84926	/////	05951	10629	30202	34505
B	99575	70515	11124	82225	98022	12603	854//	72739	88615	/////	0//00	10502	30504	18605
C	99529	70351	11123	82938	97022	25305	855//	00213	88630	/////	0//52	11003	30814	/////
D	99440	70409	11123	70420	98022	35212	754//	00120	87515	/////	0//05	11706	30503	/////
E	99351	70483	11124	81218	98152	18921	1347/	00116	81915	88358	0//19	12237	30503	35603
I	99590	70192	11124	52822	97268	84405	59403	00204	83918	/////	0//01	10940	30606	27908
J	99525	70201	11124	42830	97808	08507	49400	00707	82912	/////	06005	11234	30915	34908
K	99450	70161	11124	72624	98018	21215	785//	00718	81823	87640	0//11	11709	30702	30203
M	99659	10020	11124	61726	97257	76006	59450	31641	84912	/////	05106	10717	30603	18008

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_yv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70329	11184	73017	97878	04302	6956/	00213	86928	/////	05852	10632	30202	34505
B	99579	70520	11184	81920	98032	04803	884//	00753	86811	/////	0//02	10507	30504	/////
C	99526	70353	11183	72832	98018	26405	75500	00204	87630	/////	0//02	10848	30811	/////
D	99440	70410	11183	70713	98022	34812	75600	00501	81740	/////	0//04	11695	30302	35705
E	99352	70480	11184	81620	97808	18820	4242/	00502	84815	88550	0//18	12234	30504	/////
I	99589	70189	11184	73332	96278	89505	5947/	00339	85915	87366	0//01	10966	30608	28910
J	99527	70203	11184	53138	97278	08207	59400	00314	82915	83820	05901	11217	31118	26213
K	99451	70160	11184	72425	98032	14716	78500	00721	81826	86650	0//11	11688	30704	30302
M	99661	10017	11184	81508	97612	73404	3552/	31815	83620	88533	05502	10715	30401	18907

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
Chihuahua
El Paso
Monclova
Midland
San Antonio
Grand Junction
Rapid City
Ridge City
Bismarck
Kansas City
Minneapolis
Little Rock
Jackson
St. Louis
Chicago
Nakina
Montgomery
Nashville
Columbus
Detroit
Pittsburgh
Washington
Norfolk
Charleston
Jacksonville
Augusta
Tampa
Ottawa
Montreal
Toronto
New York
Caribou
Yarmouth
Sable Island
Bermuda
Cape Race
Edmonton
Calgary
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Fairbanks
Kotzebue
Barrow
Inuvik
Island Falls
Winnipeg
Churchill
Baker Lake
Chesterfield
Coppermine
Sachs Harbour
Cambridge Bay
Mould Bay
Resolute Bay
Isachsen
Arctic Bay
Eureka
Alert
Nord
Clyde
Cape Dyer
Resolution
Frobisher
Fort Chimo
Fort Harrison
Nottingham Island
Wakeham Bay
Port Burwell
Mistassini
Fort Mackay
Fort Chipewyan
Yellowknife
Hay River
Fort St. John
Dawson
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Norman Wells
Aklavik
Tuktoyaktuk
Barrow
Kotzebue
Fairbanks
Nome
Anadyr'
Mys Šmidta
Nižnie Kresty
Okhotsk
Yakutsk
Tiksi
Ostrov Kotel'nyi
Ostrov Zohov
Sokurdah
Verhojansk
Oymjakon
Ust'-Judoma
Lokčak
Aldan
Tiksi
Olenek
Tatanga
Mys Čeljuskin
Uedineniya
Russkaja Gavan'
Malye Karmakuly
Amderma
Barencburg
Vardø
Vaenga
Murmansk
Arkhangel'sk
Ob'jačevo
Kargopol'
Sankt'k
Vologda
Penza
Moskva
Smolensk
Bogučar
Har'kov
Rostov-na-Donu
Tuapse
Simferopol'
Sevastopol'
Odessa
Sulina
Constanța
Istanbul
Burgas
Sofia
Skopje
Larissa
Athinai
Rodos
Heraklion
Mathi
Beograd
Zagreb
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Ajaccio
Barcelona
Mahón
Alicante
Valencia
Tunis
Malta
Gabès
Misurata
Benina
El Adem
Mersa Matruh
Gialo
Laghouat
Ouargla
Béchar
Agadir
Casablanca
Gibraltar
Tangier
Lisboa
Porto
Santander
La Coruña
Brest
Bordeaux
Toulouse
Nice
Marseille
Lyon
Paris
Bruxelles
London
Manchester
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Valentia
Glasgow
Stornoway
Thorshavn
Lerwick
Aberdeen
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Hamburg
Hannover
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Gdańsk
Warszawa
Minsk
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Wien
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Zagreb
Beograd
Bucuresti
Sylina
Odessa
Simferopol'
Sevastopol'
Tuapse
Rostov-na-Donu
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Vologda
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Murmansk
Amderma
Barencburg
Vardø
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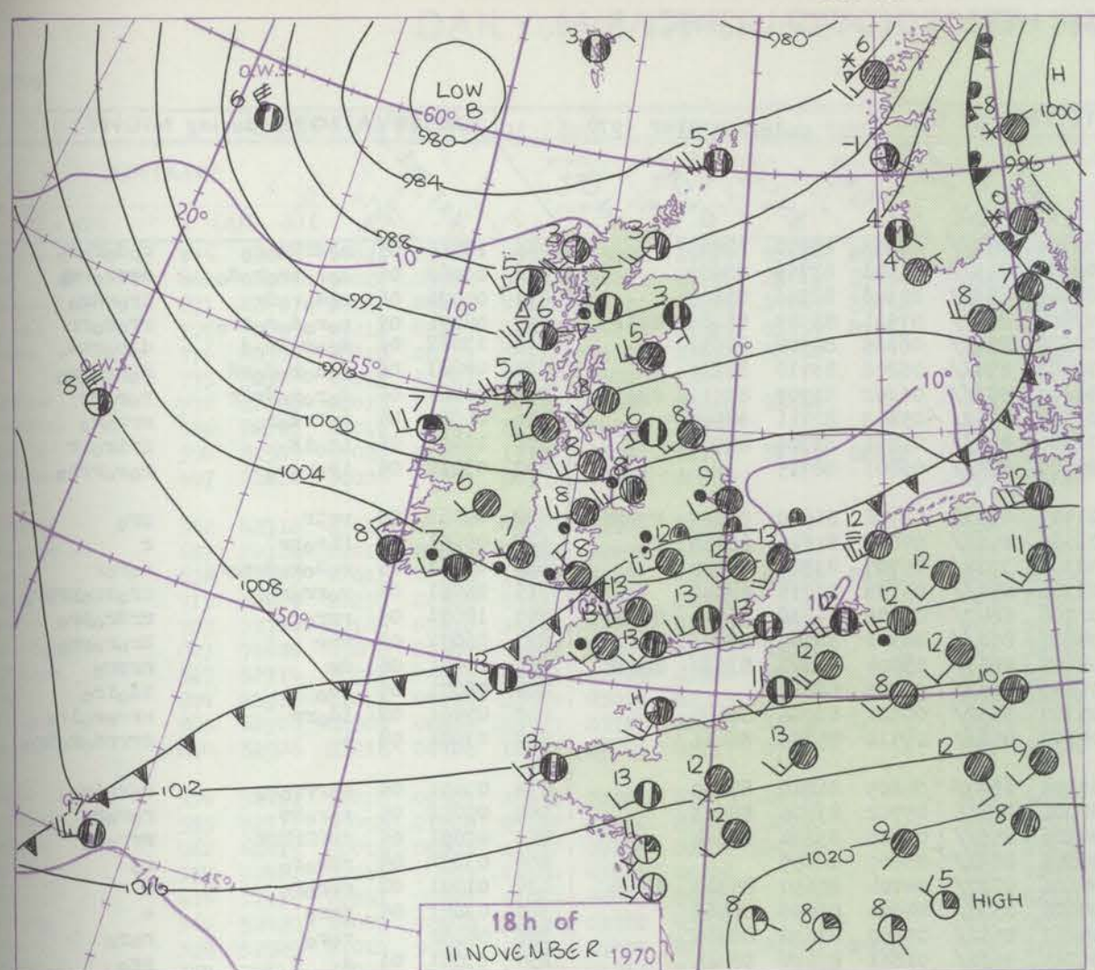
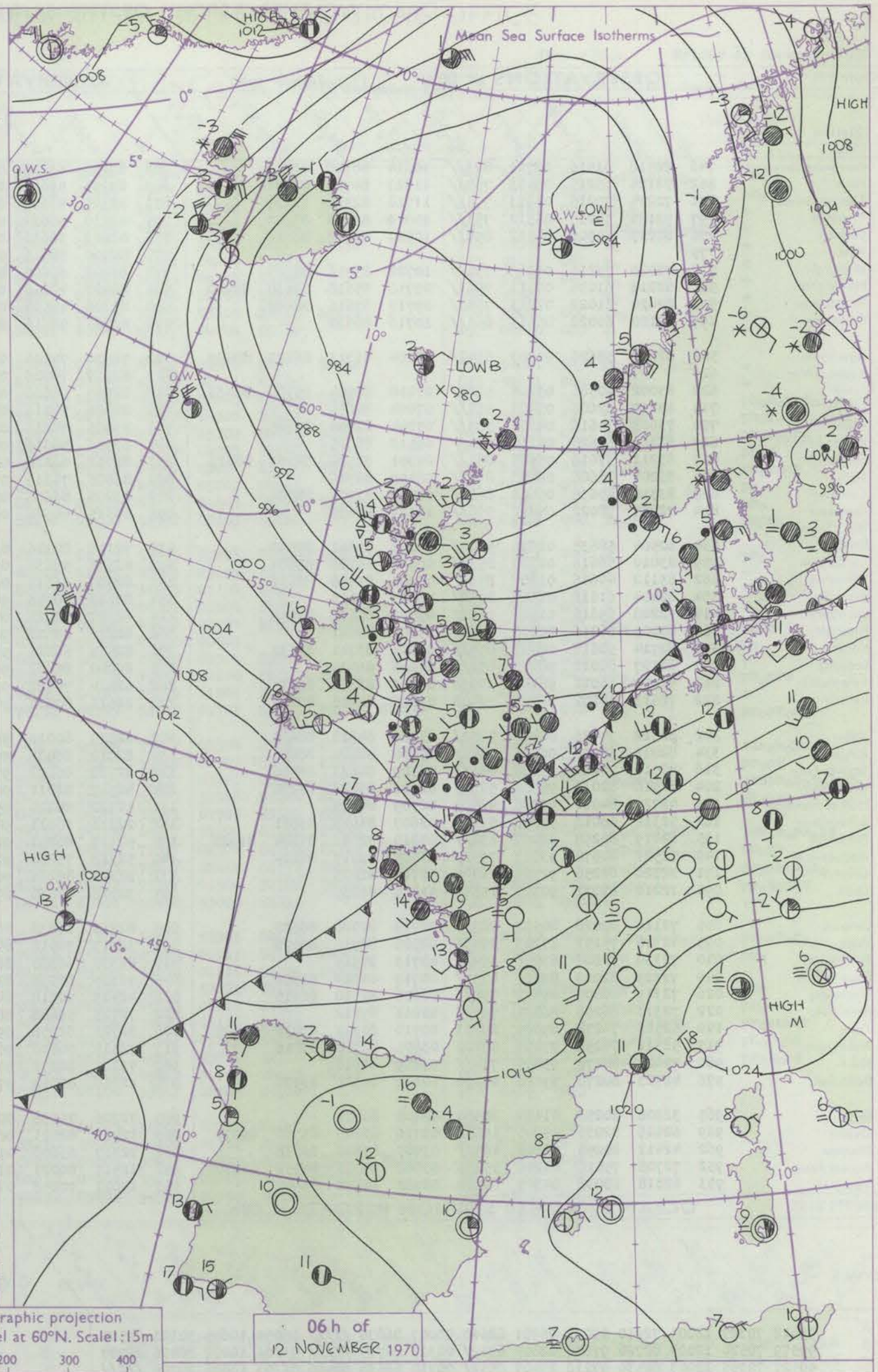
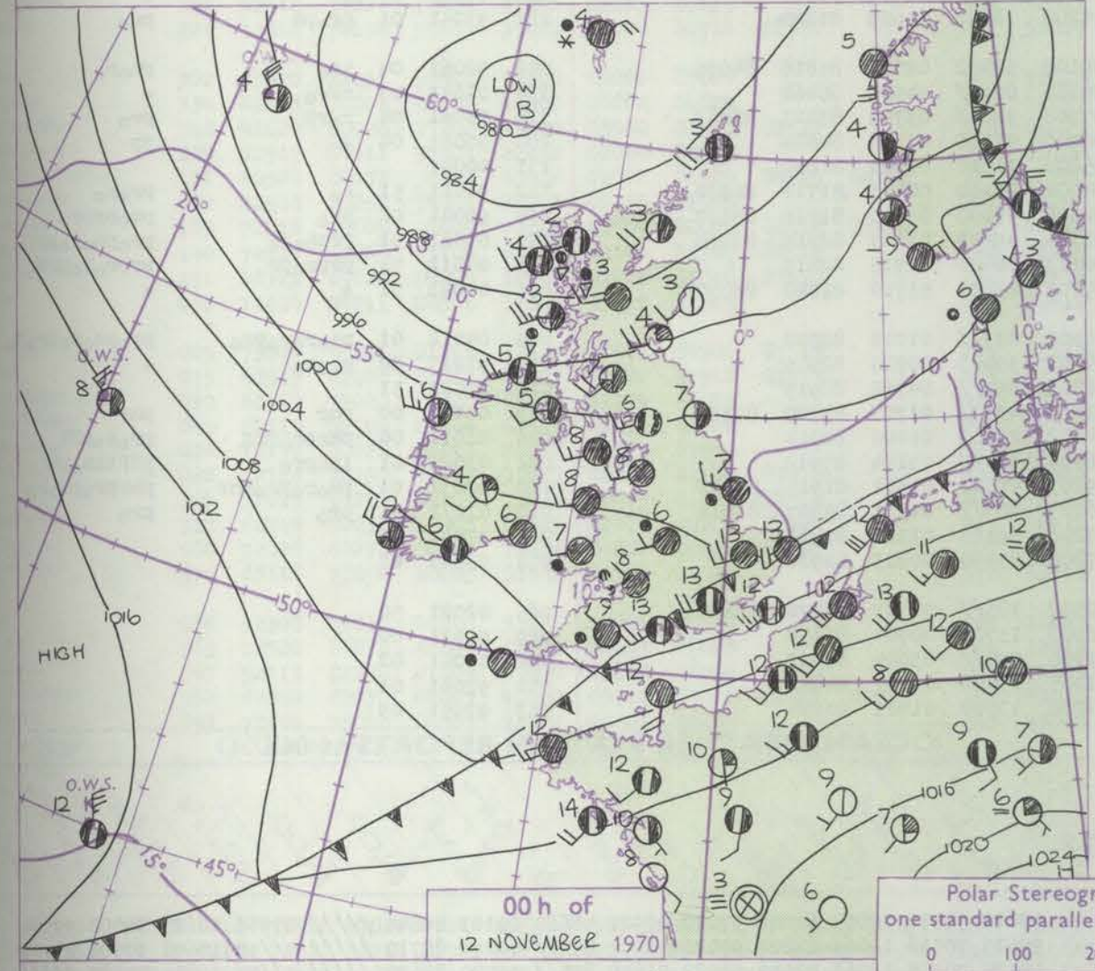
Tromsø
Jan Mayen
Reykjavik
Dalatangi
Thule
Danebora
Godthab
Frederikshab
Egedesminde
Upernavik
Cape Dyer
Resolution







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

06 h of
12 NOVEMBER 1970

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 12 November 1970

The depression which was situated just north of O.W.S.'I' yesterday has moved slowly east towards northwest Scotland. A cold frontal system has moved slowly but erratically southeastwards across the British Isles to be followed by a cold unstable westerly airstream. During the next 24 hours the depression will continue to move east towards southern Norway and a northwesterly airstream will become established over all areas.

Code FM 11.D

OBSERVATIONS at 00h. 12 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82518	61516	02711	873//	10614	86706	88710	
Hurn	862	72124	65215	03413	753//	11823	84709	87635	
Thorney Island	871	72224	70215	04913	754//	11718	82712	87619	
Manston	797	72124	74215	04512	755//	10819	83620	87650	
Gatwick	776	82223	40506	04012	854//	10520	84712	88616	
Kew	775								
Heathrow	772	72020	75216	01913	754//	10722	83716	87625	
Honington	586	82218	61036	00113	7541/	09716	85618	87630	88460
Wattisham	590	82420	61022	01213	7542/	09717	87616	88462	
Gorleston	497	82120	60022	00113	856//	10716	88630		
Aberporth	502	82612	58626	02807	6542/	05704	83715	86623	88459
Ross-on-Wye	627								
Filton	628	83002	40586	03108	5722/	07110	82704	85708	88513
Rhoose	715	83010	62606	03407	857//	07004	88650		
Chivenor	707	73008	74616	04208	783//	07204	83708	87645	
Mount Batten	827	83109	61626	04110	854//	09512	88615		
St. Mawgan	817	83211	37616	05607	851//	07301	82702	84707	88613
Scilly	804	83207	48606	06708	873//	08103	88706		
Culdrose	809	83310	40636	05408	862//	08500	82703	88704	
Guernsey	894	72025	78022	07812	756//	10723	87635		
Elmdon	534	82504	58635	02506	5542/	05008	85611	88550	
Cardington	559	83010	56616	02109	853//	08302	84706	88614	
Wittering	462	83112	40616	01507	853//	05305	83708	88631	
Watnall	354	82404	61616	01505	8052/	05703	88529		
Shawbury	414	72208	69616	01506	6562/	05706	86633	87459	
Finningley	360	82005	66216	00106	856//	05806	88641		
Kilnsea	396	82714	58616	00407	854//	06804	83711	88632	
Leeming	257	62107	80012	98407	655//	04806	86620		
Tynemouth	262	52502	66022	98107	30938	04706	83358	85275	
Carlisle	222	72613	74272	96706	39408	03606	82918	87272	
Valley	302	82522	74026	00408	4242/	04706	84818	88460	
Ringway	334	82011	66026	00406	2551/	05710	82625	88458	
Squires Gate	318	82516	70216	99108	856//	06709	84633	88656	
Ronaldsway	204	82516	82032	98508	52507	02606	85823	88270	
Mull of Galloway	131	42727	84011	96706	42500	02709	84825		
Eskdalemuir	162	52312	66016	95803	59400	02607	81918	83821	
Prestwick	135	62419	80258	94407	634//	01810	82816	85824	81920
Abbotsinch	140	72521	80878	93803	794//	01605	83917	86824	
Leuchars	171	22320	80258	92504	28400	02710	81815		
Dyce	091	12210	82021	90303	15630	51808	81635		
Lerwick	005	72118	80028	84503	783//	02719	82708	86630	
Wick	075	42318	75151	87203	29463	02508	82915	83070	
Sule Skerry	010	72330	74888	83006	794//	03713	87915		
Cape Wrath	049	72325	82028	83605	4353/	00717	84920	87360	
Stornoway	026	72319	60808	85402	794//	02606	82710	86915	
Benbecula	022	72313	66278	86804	794//	02811	87912		
Tiree	100	52528	74278	89805	29403	00710	81912	83070	81920
Aldergrove	917	52311	74252	97105	58400	03805	82710	83816	
Malin	980	72423	80278	93805	734//	03809	87918		
Belmullet	976	42723	80278	97806	43500	50602	84920	83920	
Birr	965	32208	80258	01104	38500	02705	81821		
Dublin	969	62416	82036	99805	15632	03710	81645	83360	85070
Shannon	962	42412	80258	02106	485//	03705	82820	83638	
Roches Point	952	72708	75016	04206	35638	03502	83635	84359	87270
Valentia	953	62818	68038	04309	68500	02702	84824	84640	

OBSERVATIONS at 06h. 12 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83206	61216	02706	854//	06003	83710	88645	
Hurn	862	83206	59616	02807	853//	04101	83709	88639	
Thorney Island	871	83305	56636	02807	853//	07303	82706	88633	
Manston	797	83210	40622	02507	852//	07501	83703	86706	88615
Gatwick	776	83603	36636	02607	852//	06305	84704	88632	
Kew	775	80000	58616	02407	854//	06206	83710	88620	
Heathrow	772	82902	62606	02207	853//	06202	81707	83711	88635
Honington	586	82403	40616	01505	2742/	05803	82711	88540	
Wattisham	590	83306	48506	01705	852//	05801	83705	88641	
Gorleston	497	82705	58616	00507	874//	06803	88715		
Aberporth	502	72920	74806	01407	49572	02706	81920	84823	87070
Ross-on-Wye	627	82107	70026	01506	1552/	04612	81625	88458	
Filton	628	82507	56616	02307	3732/	05707	83707	88527	
Rhoose	715	82406	70216	02306	854//	05708	81715	88642	
Chivenor	707	83005	74216	02708	6847/	05706	81818	86645	88360
Mount Batten	827	82406	58616	04407	852//	06302	82704	88643	
St. Mawgan	817	82712	66216	04607	4857/	05504	81820	83634	88460
Scilly	804	83005	74216	05607	855//	06705	88620		
Culdrose	809	83205	81606	05307	3532/	05501	82706	88460	
Guernsey	894	83315	40586	04109	852//	09512	85705	88611	
Elmdon	534	72110	82216	01005	2847/	04605	81810	87359	
Cardington	559	82508	59636	02006	3722/	05702	83705	88523	
Wittering	462	82307	66616	00606	855//	05810	83624	88644	
Watnall	354	82413	58046	99805	8092/	05607	88459		
Shawbury	414	82407	78026	00106	5577/	04704	85650	85360	88464
Finningley	360	82210	69012	98606	2577/	04606	82656	88462	
Kilnsea	396	82518	66026	99207	2562/	05607	82630	88460	
Leeming	257	80000	85032	96705	3552/	02611	83620	88465	
Tynemouth	262	62614	74022	96605	6097/	02712	86360		
Carlisle	222	22616	80011	95205	18542	01609	81825		
Valley	302	62523	80012	99107	52432	02607	85818	84075	
Ringway	334	82010	80032	99105	8097/	04504	88460		
Squires Gate	318	82520	80022	97708	3251/	03709	83823	88463	
Ronaldsway	204	42517	82011	96906	42500	01708	84824		
Mull of Galloway	131	12722	84020	95205	11500	01400	81820		
Eskdalemuir	162	22316	66011	94002	29400	00707	81711	82920	
Prestwick	135	52517	80251	92505	59400	03710	81715	83817	82920
Abbotsinch	140	52118	75258	91704	49403	03607	82916	83824	
Leuchars	171	32322	80268	90103	38400	01715	82815		
Dyce	091	32418	82030	87703	15631	51710	81640	83070	
Lerwick	005	82215	66838	81902	833//	01712	88908		
Wick	075	32317	70018	84302	39403	00713	82915		
Sule Skerry	010	82330	66888	81505	894//	04712	88915		
Cape Wrath	049	72325	82038	82503	4353/	01703	84920	87360	
Stornoway	026	42413	70018	84602	29403	01400	82914		
Benbecula	022	72725	59888	88004	794//	03114	87912		
Tiree	100	52721	82258	89205	49403	01501	81915	83822	
Aldergrove	917	72515	70808	96503	783//	01301	85707	86818	
Malin	980	73121	80278	93206	59463	01301	85918		
Belmullet	976	22816	82018	97806	23500	00203	82920		
Birr	965	72206	75038	00502	785//	01703	86820	83637	
Dublin	969	12412	82021	98903	15700	00701	81650		
Shannon	962	72817	65808	01405	795//	03604	87922		
Roches Point	952	12515	80021	03405	19400	02201	81918		
Valentia	953	13021	70258	04008	13500	01701	81924		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	10051	05	rodrRrorо	rodororо
Hurn	862	07062	06	dororrrodо	dorrorrр
Thorney Island	871	07071	06	rodorodr	irorRro
Manston	797	08071	07	rorodorоirо	rrororr
Gatwick	776	13062	06	dо-rоRr-d	dororRdо
Kew	775	08061	06	dodorororR	rorrrorо
Heathrow	772	05061	06	dororodrRr	rororr
Honington	586	05051	05	roRrdorо	rrrorо
Wattisham	590	10051	05	irоiR	rrirоir
Gorleston	497	03062	05	irororо	rororrtо
Aberporth	502	04061	03	rrir	pro
Ross-on-Wye	627	05051	05	Rirorr	r
Filton	628	07061	05	rodorodrrorо	roror
Rhoose	715	05061	04	rorrorо	rroirоprpro
Chivenor	707	10071	05	rrrorо	rrRrоpro
Mount Batten	827	06071	06	Rrr	RrorоpRo
St. Mawgan	817	15061	05	rr	rrpro
Scilly	804	06071	05	idо	idоiro
Culdrose	809	07061	02	idorr	rrrorоirо
Guernsey	894	03081	08	+	drrrdorоirо
Elmdon	534	07051	04	RRrrrorо	rorоiro
Cardington	559	05052	05	rorоRr	roror
Wittering	462	07051	05	drDRrRrr	rrrorо
Watnall	354	03051	04	rrrorо	rо
Shawbury	414	01041	02	rrrorо	+
Finningley	360	03061	05	rrrо	+
Kilnsea	396	04062		rorо	rorо
Leeming	257	97041	01	+	pro
Tynemouth	262	00041	00	+	+
Carlisle	222	93041	01	prоph	pro
Valley	302	92061	04	irо	phоro
Ringway	334	01041	03	rrrо	+
Squires Gate	318	01061	04	rorR	pro
Ronaldsway	204	00061	04	+	jp
Mull of Galloway	131	00041			
Eskdalemuir	162	91011	51	rо	prоso
Prestwick	135	96041	02	pro	prоprpro
Abbotsinch	140	05021	01	prphorо	prоphorоpr
Leuchars	171	04011	51	prprоpr	prprоsоprs
Dyce	091	00023	51	+	+
Lerwick	005	04012	01	prororоpro	prоpsоroirоdо
Wick	075	91013	50	prоso	+
Sule Skerry	010	07032	51		
Cape Wrath	049	04041	00	phr	phr
Stornoway	026	06011	00	phrprоprs	prоsоpHR
Benbecula	022	03022	01	lphpro	pHRtlhоph
Tiree	100	02031	01	phorоprоphr	phrprоphorо
Aldergrove	917	01012	01	pro	pro
Malin	980	03041	02		
Belmullet	976	03041	02		
Birr	965	02021	50		
Dublin	969	91021	00		
Shannon	962	03041	02		
Roches Point	952	97041	01		
Valentia	953	97051	03		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70327	12004	72910	97032	06901	68660	00007	86830	/////	06055	10645	30101	99505
B	99579	70520	12004	82728	97616	02805	6742/	00313	86715	/////	0//01	10402	30406	22707
C	99527	70355	12003	82530	97216	25407	6552/	00710	86630	88460	0//03	10888	30709	/////
D	99440	70410	12003	/////	98022	36312	855//	00210	88620	/////	0//06	1////	30402	/////
E	99349	70480	12004	71421	97256	19820	22468	00108	82810	842//	0//19	12164	30604	/////
I	99589	70186	12004	53330	97268	93503	59400	00008	83915	83822	0//54	11047	30808	28910
J	99525	70199	12004	53126	98278	12108	53400	31109	81915	83818	05104	11261	30807	28010
K	99449	70160	12004	73333	96258	16712	785//	00125	84820	85630	0//08	11660	30708	/////
M	99660	10020	12004	82529	97616	79204	7842/	61166	83820	86625	05701	10730	30707	18906

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	12064	60000	97022	06901	48680	00103	84844	/////	05956	10625	30000	99504
B	99575	70518	12064	82826	97026	16201	874//	00262	88710	/////	0//50	10608	30506	23707
C	99525	70355	12063	82640	98022	21608	855//	00720	88625	/////	0//04	10885	30709	/////
D	99440	70410	12063	/////	98022	35512	75500	00107	87620	/////	0//05	11789	30402	/////
E	99350	70480	12064	81523	97252	19521	2247/	00502	83810	88358	0//19	12135	30604	/////
I	99589	70188	12064	43335	97268	97103	49430	71209	82915	83818	0//01	11032	30808	31910
J	99525	70202	12064	73236	96899	11207	733//	71309	81708	87912	05905	11214	30807	28214
K	99449	70160	12064	33433	97018	20412	32500	81320	83823	/////	0//04	11689	30808	/////
M	99659	10010	12064	53403	98022	84003	20941	61217	82359	84070	05851	10720	30201	29005

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39803 — Date of Issue: Friday 13 November 1970

OBSERVATIONS at 12h. — 12 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$
Boscombe Down	746	82608	80026	03707	4552/	05204	82626	83656	88459
Hurn	862	72505	70026	03708	3842/	06801	81818	83640	87460
Thorney Island	871	82707	74026	04408	4842/	06206	82815	84645	88458
Manston	797	72605	74215	02907	2857/	06002	81822	83359	87362
Gatwick	776	82509	68216	03507	3572/	06203	83656	88460	
Kew	775	82305	66016	02807	8091/	05000	88459		
Heathrow	772	82410	68016	02707	8097/	05000	83360	88464	
Honington	586	82310	66016	01307	8097/	04802	88358		
Wattisham	590	82509	66026	01906	1747/	05101	81710	84359	88462
Gorleston	497	82210	60026	00807	8097/	05603	88360		
Aberporth	502	42718	83018	01707	48500	01802	83820		
Ross-on-Wye	627	22112	82011	01809	19542	02400	81925		
Filton	628	42609	62011	02908	19432	01001	81818	83362	81922
Rhoose	715	32811	80258	02909	19531	05001	81920		
Chivenor	707	32716	80168	03810	39530	03003	81920	83825	
Mount Batten	827	72620	69808	05609	49472	05005	81915	83818	
St. Mawgan	817	52714	78278	06009	59503	02004	83920	83825	
Scilly	804	22916	81011	07209	29500	03004	82925		
Culdrose	809	62910	82808	06409	59410	03105	82918	83820	
Guernsey	894	82906	83216	06408	1142/	06009	81817	87540	
Elmdon	534	52414	70012	00907	28432	02000	81816	83072	
Cardington	559	72311	69056	01908	6563/	05000	86645	86360	
Wittering	462	62415	80016	00308	1157/	04805	81820	86360	
Watnall	354	22411	64011	99507	11584	03805	81820		
Shawbury	414	12416	82251	99807	12500	02806	81825		
Finningley	360	52410	64032	98508	32530	02802	83825		
Kilnsea	396	52520	61012	99207	22571	05400	82820	84360	85075
Leeming	257	22518	89028	95907	19460	01813	81915		
Tynemouth	262	42618	74021	96407	31640	02803	83835		
Carlisle	222	42812	74158	95407	39463	02000	81714	81920	
Valley	302	52420	82031	99508	52500	02000	85820		
Ringway	334	42413	70801	99108	48503	00802	84820		
Squires Gate	318	42620	80028	97908	49400	03000	81918	83822	
Ronaldsway	204	32517	84011	97507	22432	02000	82818		
Mull of Galloway	131	62524	84032	95706	5953/	02002	81920	84825	86365
Eskdalemuir	162	42518	78258	94005	29403	00103	81919		
Prestwick	135	72816	58809	94404	793//	03007	82808	83912	85620
Abbotsinch	140	72017	62808	93104	6936/	02004	81709	86915	
Leuchars	171	32321	64028	90905	18402	02005	81818	83070	
Dyce	091	12614	84011	88306	12560	53007	81825		
Lerwick	005	73004	58838	81201	793//	00801	84706	87912	
Wick	075	62517	82808	85303	49403	01302	81712	83915	
Sule Skerry	010	62719	74028	82806	694//	03204	86915		
Cape Wrath	049	62319	82908	84404	635//	01212	86920		
Stornoway	026	72114	80028	86203	794//	03302	87916		
Benbecula	022	72716	70159	87705	594/3	02803	82912	83818	
Tiree	100	72815	60278	90604	794//	00003	81915	83918	
Aldergrove	917	62314	80038	96903	69363	01000	82707	84922	
Malin	980	72826	82278	94105	794//	02001	85918	84640	
Belmullet	976	63118	78898	98805	5356/	01701	85920		
Birr	965	52308	83038	01006	595//	03801	85920		
Dublin	969	12520	86010	98806	12500	02807	81823		
Shannon	962	52413	82258	01807	59402	03802	81710	84920	
Roches Point	952	62814	82038	04007	49402	03801	83817	83068	81917
Valentia	953	72914	75008	04707	795//	02203	87924		

OBSERVATIONS at 18h. — 12 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$
Boscombe Down	746	12510	80028	04004	19500	02305	81922		
Hurn	862	22608	70021	04307	29430	03105	81918		
Thorney Island	871	32712	74011	04508	12501	03106	81828	83070	
Manston	797	62110	80016	03906	6097/	05207	86360		
Gatwick	776	42207	60011	04205	10931	04306	81363	83072	
Kew	775	12106	59011	03406	15601	04207	81632		
Heathrow	772	12210	70011	02907	14531	04104	81628		
Honington	586	12208	66011	01505	10930	02305	81359		
Wattisham	590	52508	61012	02005	30932	03105	83365	83070	
Gorleston	497	52110	62012	01007	557//	04204	85656		
Aberporth	502	62919	69038	01307	694//	02500	81715	86920	
Ross-on-Wye	627	12305	81028	01205	15600	02701	81630		
Filton	628	62508	61278	02906	695//	03305	85920	83630	
Rhoose	715	62810	75278	02706	695//	03302	86921		
Chivenor	707	72717	78878	03507	795//	03302	84925	86827	
Mount Batten	827	32512	74018	05208	29403	04703	81918	83070	
St. Mawgan	817	42415	80018	05806	49500	03000	81924	83830	
Scilly	804	42614	81258	06707	49400	05702	84915		
Culdrose	809	62711	81258	06506	694//	06503	84918	83822	
Guernsey	894	52820	84258	06908	52532	03103	85820		
Elmdon	534	52309	61251	01205	59400	02205	81918	83630	
Cardington	559	12210	62011	01805	00901	03104	81070		
Wittering	462	12412	82021	00705	14603	01104	81640		
Watnall	354	12409	56040	99804	00902	01004	81070		
Shawbury	414	42111	80131	00304	49460	02104	81918	83825	
Finningley	360	02310	62011	98305	00900	00001			
Kilnsea	396	22616	66011	98706	25600	02304	82630		
Leeming	257	72611	83808	96906	3946/	01106	81914	84360	
Tynemouth	262	32505	61020	96105	35600	01801	83635		
Carlisle	222	52817	74158	95105	53440	01703	81715	83647	81920
Valley	302	72628	66809	99606	734//	03304	81910	87920	
Ringway	334	51907	65258	99005	59400	00302	82918	83640	
Squires Gate	318	62615	58958	97905	6943/	03301	83915	83822	
Ronaldsway	204	52720	84018	97505	59502	50306	85824	81924	
Mull of Galloway	131	52720	84020	95004	32501	01703	83820	83070	
Eskdalemuir	162	62208	74139	94102	694//	51000	81916	85635	
Prestwick	135	72620	58819	92904	793//	02702	82708	83712	85918
Abbotsinch	140	72119	61808	91503	794//	02611	81712	83916	86640
Leuchars	171	72411	58038	90902	793//	01500	82706	85910	
Dyce	091	22412	84011	88601	18460	53000	81818		
Lerwick	005	62619	82278	81303	594/3	50303	84912		
Wick	075	52811	70018	86501	29403	00213	81915	84068	
Sule Skerry	010	63205	81028	85505	23570	02216	82920	86360	
Cape Wrath	049	73210	81018	86503	735//	52221	87920		
Stornoway	026	72614	70258	88502	49563	02212	84927		
Benbecula	022	73313	66278	90304	794//	03116	87914		
Tiree	100	73118	75158	91005	4946/	01223	84915	84358	
Aldergrove	917	52410	70268	96803	59400	53209	82710	83624	82916
Malin	980	62923	80278	94206	49403	51303	84917	84067	
Belmullet	976	53311	82258	00104	5356/	02209	85920		
Birr	965	12409	80018	02203	18500	00312	81820		
Dublin	969	12410	83018	99903	19500	01112	81925		
Shannon	962	52606	80258	03205	534//	02212	83818	83640	81918
Roches Point	952	53018	82038	05004	594//	02315	82917	85640	
Valentia	953	43014	70259	05408	49500	50309	84926		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91091	011	$d_o ph_o r_o pr_o$	pr_o
Hurn	862	97101	013	r_o	pr_o
Thorney Island	871	97101	004	$ir_o r_o$	+
Manston	797	02071		$rrd_o r_o d_o r_o ir_o$	+
Gatwick	776	92081	000	r_o	+
Kew	775	91081	001	r_o	+
Heathrow	772	97091	003	r_o	+
Honington	586	97081		r_o	+
Wattisham	590	97071	000	ir_o	+
Gorleston	497	00080	000	+	+
Aberporth	502	94081	049	$ph_o r_o pr_o phr$	+
Ross-on-Wye	627	97091	045	pr_o	+
Filton	628	01091	028	+	$ph_o r_o pr t_o l_o r_o$
Rhoose	715	02101	031	$pr_o pr$	$ph_o r_o tlr_o tlhr$
Chivenor	707	02101	031	$pr_o ph_o r_o$	$ph_o r_o pr_o$
Mount Batten	827	01101	047	pr_o	phpr
St. Mawgan	817	01091	038	$pr_o ph_o r_o$	$ph_o r_o pr$
Scilly	804	02112	051	pr	pr
Culdrose	809	01111	059	pr_o	pr_o
Guernsey	894	02101	008	$ir_o r_o r_o$	$prpr_o$
Elmdon	534	97091	040	+	pr_o
Cardington	559	00090	009	+	+
Wittering	462	00081	034	+	+
Watnall	354	97091	037	+	+
Shawbury	414	97091	053	pr_o	lpr_o
Finningley	360	97091	048	+	r_o
Kilnsea	396	00080	032	+	+
Leeming	257	02071	041	pr_o	$pr_o prs$
Tynemouth	262	00071	068	+	+
Carlisle	222	91071	048	pr_o	$pr_o pr_o s_o$
Valley	302	92091	036	pr_o	$tlr_o h_o pr_o$
Ringway	334	94081	058	pr_o	$pr_o pr$
Squires Gate	318	01091	042	$pr_o ph_o ph$	$phrph_o r_o t_o l_o r_o$
Ronaldsway	204	91081	045	jp	$ph_o pr_o$
Mull of Galloway	131	00061			
Eskdalemuir	162	03056	023	$pr_o s_o pr_o pht$	$lpr_o s_o ps_o ps$
Prestwick	135	09061	008	tlpHpr$_o$s$_o$TLH	$pr_o pr$
Abbotsinch	140	03051	010	$pr_o pr_o s_o$	$pr_o ph_o r_o s_o$
Leuchars	171	02051	024	$pr_o pr_o s_o$	$pr_o s_o prs$
Dyce	091	00061	054	+	+
Lerwick	005	03032	002	$id_o r_o ph_o r_o s_o$	$pr_o ph_o r_o$
Wick	075	97051	035	pr_o	pr_o
Sule Skerry	010	94071			
Cape Wrath	049	11052	002	phr	phr
Stornoway	026	07072	000	$pr_o ph$	pr_o
Benbecula	022	02071	007	$ph_o r_o phpr_o$	$pr_o prphr$
Tiree	100	03061	009	$ph_o r_o phr$	$ph_o r_o pr$
Aldergrove	917	02042	015	$pr_o pr_o s_o$	$pr_o s_o ps$
Malin	980	0507	008		
Belmullet	976	0207	023		
Birr	965	0606	033		
Dublin	969	0107	072		
Shannon	962	0109	018		
Roches Point	952	9108	062		
Valentia	953	0109	030		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

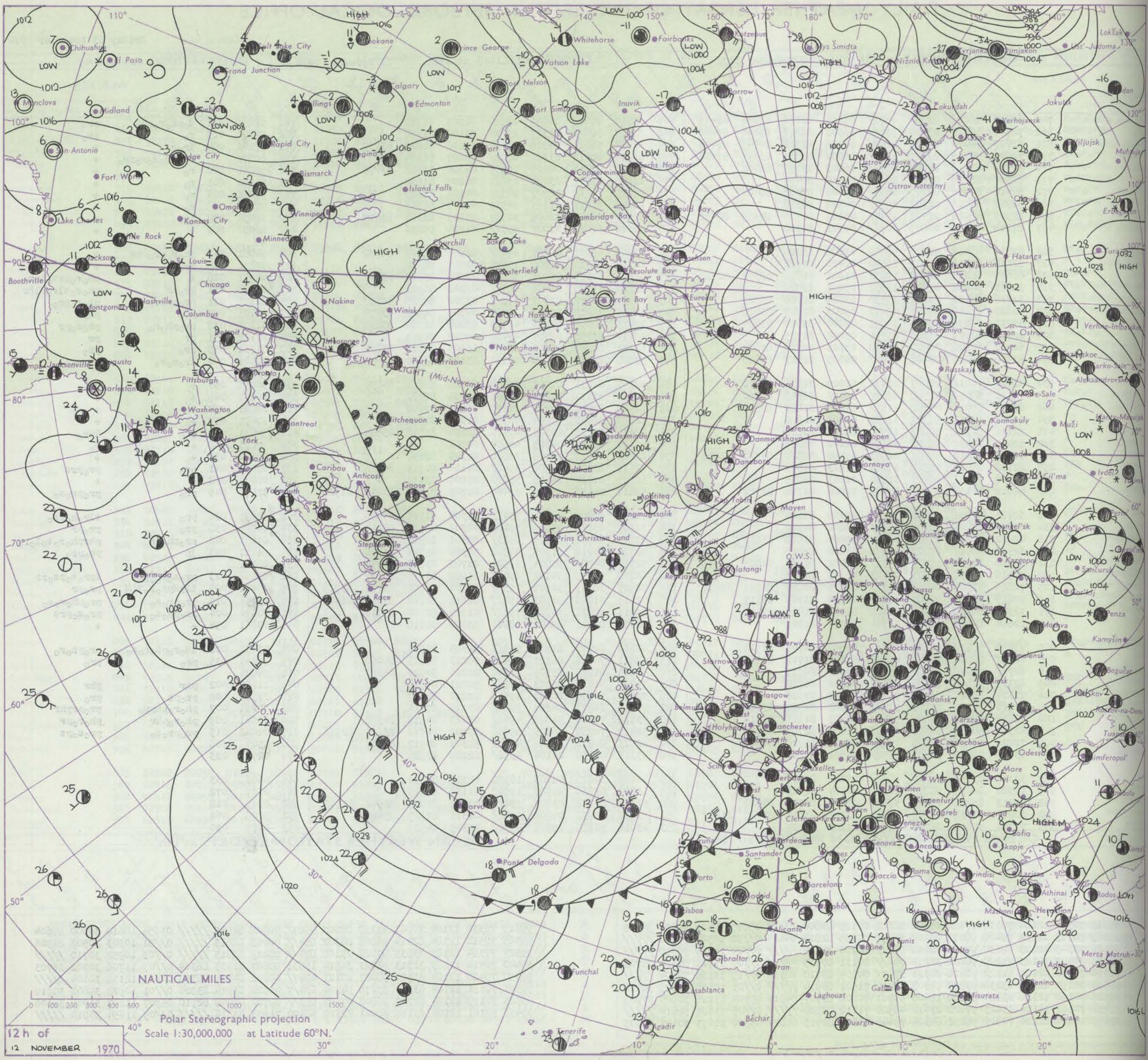
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	12124	70910	97022	07202	28688	00103	82040	/////	05855	10621	30101	99605
B	99569	70513	12124	72428	98012	22902	58470	00225	82814	84625	0//52	10504	30506	/////
C	99526	70349	12123	62630	97012	22011	555//	00207	81710	/////	0//07	10883	30710	/////
D	99439	70409	12123	71209	98022	36214	756//	00111	87635	/////	0//08	11721	30301	01703
E	99350	70480	12124	81322	98028	20321	3747/	00005	83710	88358	0//19	12158	30604	/////
I	99590	70190	12124	43230	97278	97303	49400	71501	83914	/////	0//01	10935	30809	30910
J	99526	70199	12124	63127	97808	11808	59301	00808	81707	84914	05704	11226	30907	27209
K	99451	70161	12124	43423	97028	23612	48500	71112	83820	/////	0//05	11680	30810	/////
M	99659	10016	12124	70617	98251	84304	79440	00806	82915	84820	05500	10693	30402	30005

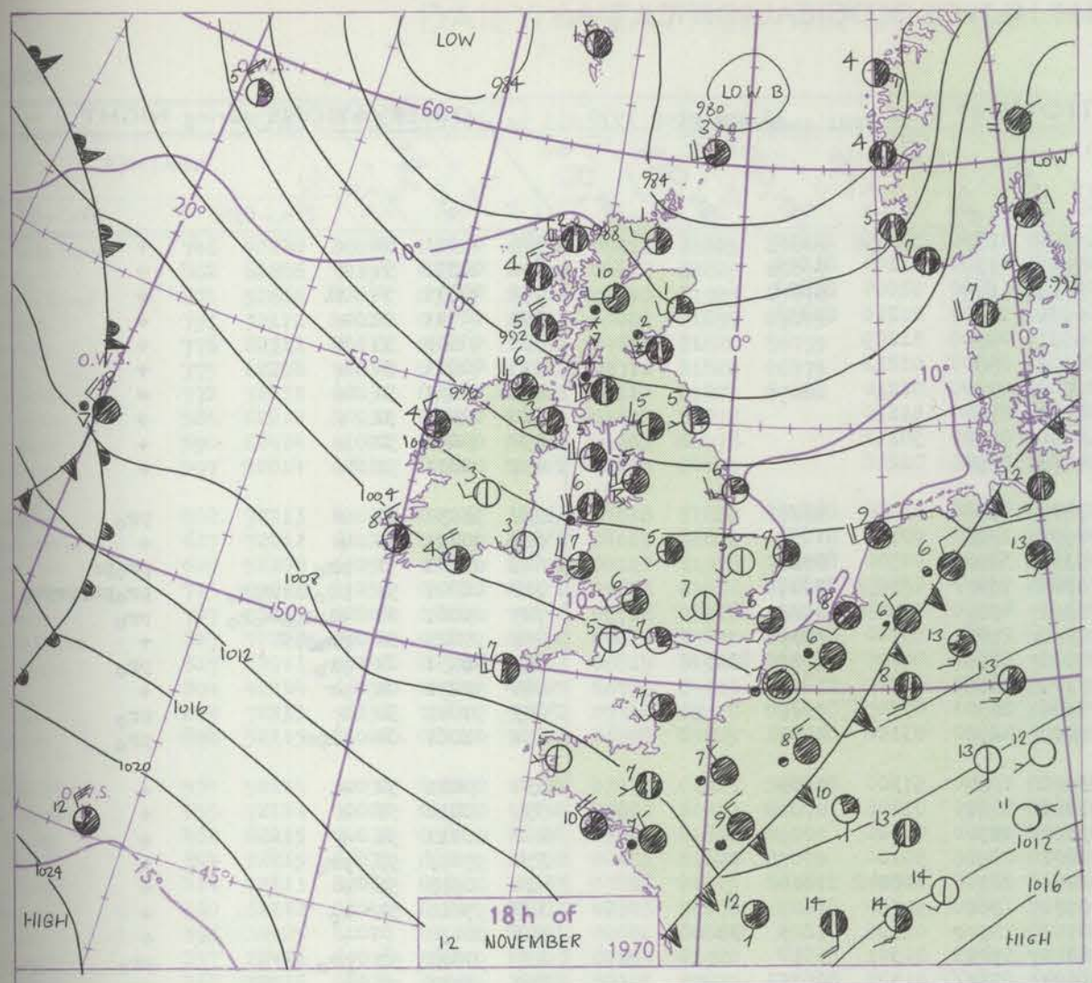
OCEAN WEATHER STATION REPORTS at 18h.

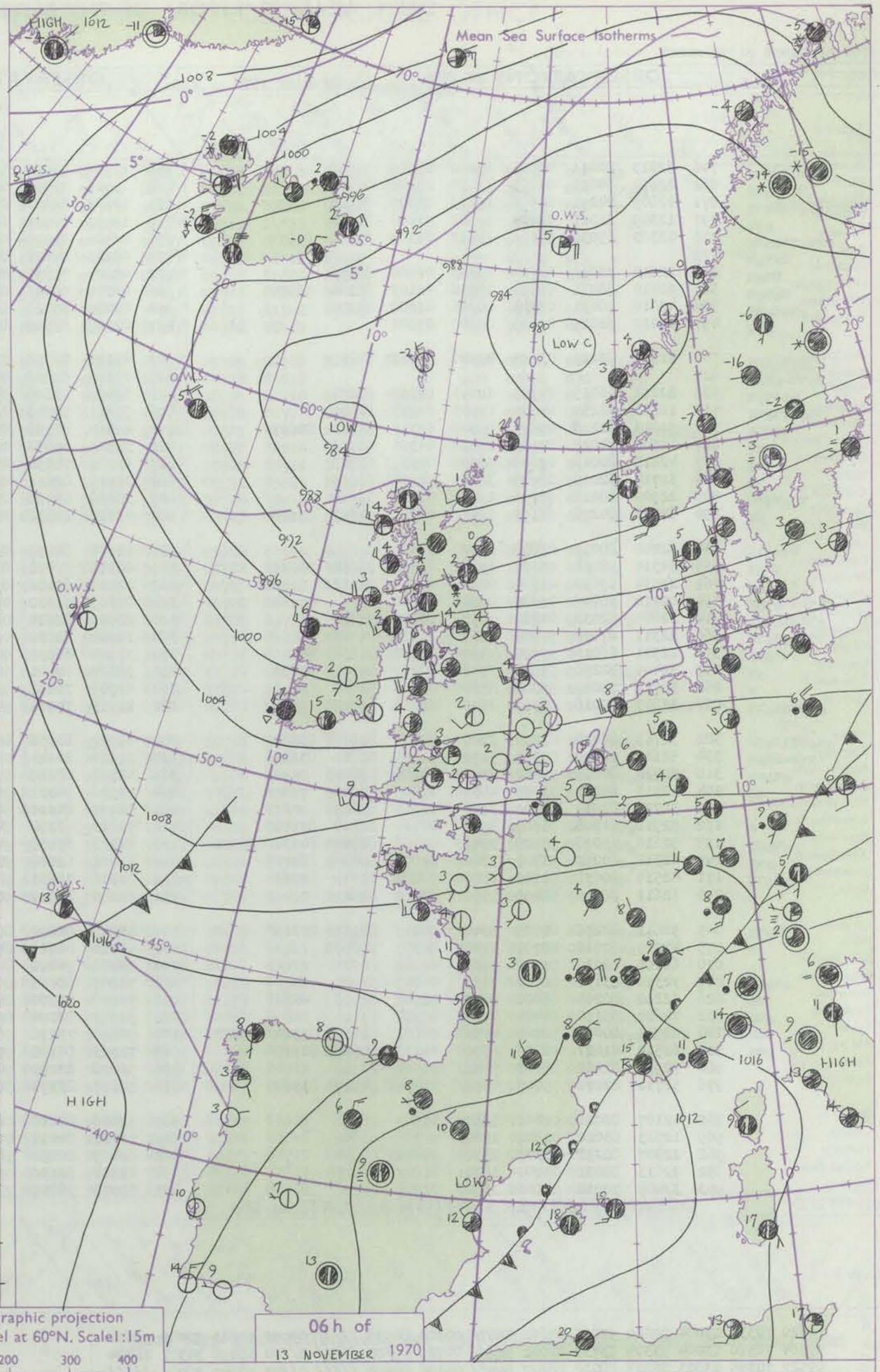
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	12184	70803	97152	07003	4967/	00608	84945	/////	05654	10610	30000	99604
B	99565	70512	12184	82414	96806	24302	854//	00003	88615	/////	0//51	10503	30503	24506
C	99527	70354	12183	83035	97026	25108	874//	00219	88815	/////	0//03	10952	30710	/////
D	99440	70410	12183	71313	98021	34514	15631	00507	81635	86364	0//09	11706	30302	36703
E	99350	70480	12184	81520	98022	20121	4247/	00602	84815	88358	0//19	12158	30604	/////
I	99591	70191	12184	83333	97278	94104	634/7	00820	83914	83820	0//01	10928	30808	30910
J	99525	70199	12184	82720	96808	07107	893//	00722	81708	82910	05907	11207	31008	34106
K	99451	70161	12184	63126	98021	22512	68400	71503	85818	/////	0//05	11654	30810	/////
M														

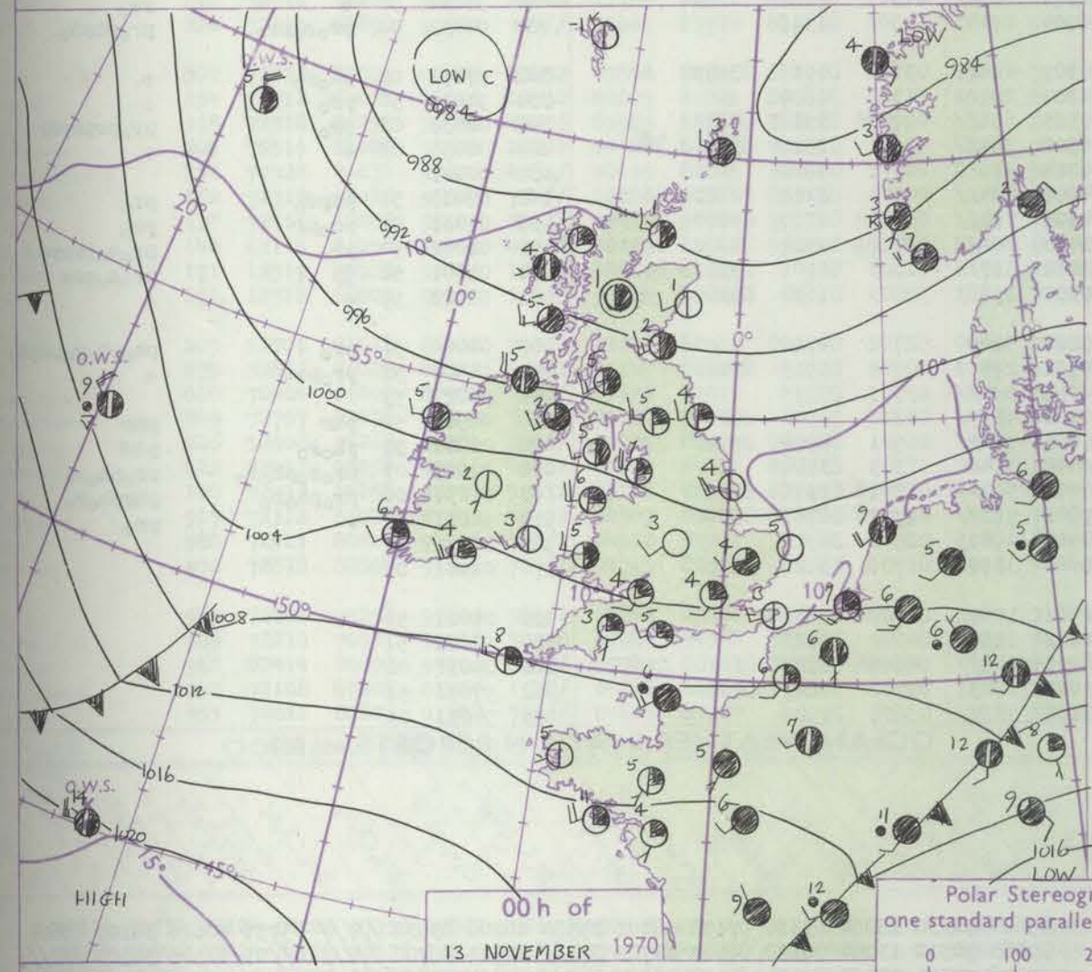
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

06 h of
13 NOVEMBER 1970

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 13 November 1970

The depression to the north of Scotland has become complex and almost stationary. A cold unstable airflow, with minor troughs, now covers the whole of the British Isles. During the next 24 hours the depression is expected to move eastwards very slowly and little change is expected in the situation over the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. 13 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$
Boscombe Down	746	62813	80011	05003	65700	03205	86650		
Hurn	862	22610	60028	05705	11530	03309	81820		
Thorney Island	871	22609	74291	04606	19503	03807	81925		
Manston	797	12309	81021	04403	11502	01400	81820		
Gatwick	776	42303	65031	05001	15703	01303	81650	84070	
Kew	775								
Heathrow	772	22210	75011	03704	15703	02000	81656		
Honington	586	62410	66031	02204	10932	01103	81360	86070	
Wattisham	590	42610	58031	03103	00906	02208	84270		
Gorleston	497	02212	62021	01105	00900	03801			
Aberporth	502	42917	83021	03605	42500	50111	84825		
Ross-on-Wye	627								
Filton	628	22111	66019	04704	18503	02211	81820		
Rhoose	715	12806	80259	04903	19503	01213	81920		
Chivenor	707	52813	82298	05407	59500	02315	82920	84825	
Mount Batten	827	12508	74028	07106	19400	04305	81915		
St. Mawgan	817	42818	80018	07608	48500	00311	83825		
Scilly	804	32714	82018	08408	32400	04210	83815		
Culdrose	809	22909	80018	07705	29400	01112	81918		
Guernsey	894	62522	84278	08107	694//	05202	82712	85918	
Elmdon	534	02208	80018	02803	00900	01309			
Cardington	559	52314	58051	03004	15702	03210	81650	85075	
Wittering	462	22514	69010	01604	00902	01209	82072		
Watnall	354	02410	58048	01002	00900	01210			
Shawbury	414	12005	82038	02202	12500	00209	81820		
Finningley	360	22311	67036	99804	28500	01305	81823		
Kilnsea	396	12521	66010	99304	15600	01102	81630		
Leeming	257	32409	82258	97804	39400	50210	81915	83820	
Tynemouth	262	32712	74020	95304	35600	01103	83630		
Carlisle	222	32817	80018	96705	39400	02310	81918		
Valley	302	32719	82028	01206	32400	02206	81816	83820	
Ringway	334	52111	70018	00303	55500	51205	81820	85624	
Squires Gate	318	32720	80029	99207	32500	02208	83824		
Ronaldsway	204	42515	84031	99005	48500	01209	83820		
Mull of Galloway	131	32724	82012	96805	31500	01315	83825		
Eskdalemuir	162	52518	61268	95101	59400	00110	82710	83918	
Prestwick	135	52616	75028	95005	394/3	02306	82817	84070	81920
Abbotsinch	140	62318	80258	93705	38602	01002	82830	84070	
Leuchars	171	42514	80038	92102	15602	00208	81645	84070	
Dyce	091	12611	86020	90401	15561	53310	81625		
Lerwick	005	52811	82258	84803	53400	00217	82912	83816	
Wick	075	42910	82018	88701	39403	00307	81915		
Sule Skerry	010	62105	82038	87304	695//	02205	86925		
Cape Wrath	049	72310	83158	86703	735//	00709	87920		
Stornoway	026	22210	80268	88401	29400	01504	82918		
Benbecula	022	72607	65158	90404	794//	00504	87915		
Tiree	100	62714	80018	92205	49402	00801	81916	83920	85070
Aldergrove	917	62514	81021	98102	69300	01103	84707	82918	
Malin	980	72918	82268	95305	794/3	02001	86918		
Belmullet	976	52711	82278	99805	4353/	02704	84920	83920	
Birr	965	12107	80020	02402	13500	01505	81920		
Dublin	969	12513	83020	01302	15600	50305	81640		
Shannon	962	22307	80258	03303	23500	01805	82924		
Roches Point	952	22613	82031	05004	18401	01802	81817		
Valentia	953	32409	70018	04806	33500	02707	83926		

OBSERVATIONS at 06h. 13 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$
Boscombe Down	746	12309	74031	07000	15730	50306	81650		
Hurn	862	12306	70030	07202	11501	51104	81820		
Thorney Island	871	12803	82020	07303	18500	02004	81820		
Manston	797	12409	80031	06802	12600	01216	81830		
Gatwick	776	02406	75020	06951	00900	51209			
Kew	775	02103	66020	06302	00900	01212			
Heathrow	772	02004	75021	06002	00900	01210			
Honington	586	02308	62021	04201	00900	51110			
Wattisham	590	02408	56020	04900	00900	50212			
Gorleston	497	02107	62020	04003	00900	02218			
Aberporth	502	42111	86018	03404	42500	01806	84820		
Ross-on-Wye	627	12106	82020	04502	15600	00102	81635		
Filton	628	32405	58800	05303	39403	02500	83915		
Rhoose	715	72811	50908	05704	794//	02303	87917		
Chivenor	707	42214	80168	05307	49500	05703	81920	84822	
Mount Batten	827	32514	69030	07008	29401	05706	81918		
St. Mawgan	817	62008	74258	07006	68500	04705	83822	83635	
Scilly	804	12514	82011	07109	12502	04710	81820		
Culdrose	809	33008	80258	07606	23501	03705	81920		
Guernsey	894	42713	84038	09008	42530	03104	84821		
Elmdon	534	12008	80030	03902	10940	51306	81364		
Cardington	559	02111	59021	05002	00900	01208			
Wittering	462	02414	69020	03202	00900	00106			
Watnall	354	02408	61020	02401	00900	50206			
Shawbury	414	22009	82020	02202	28500	00804	81820		
Finningley	360	12009	70010	00902	15500	50105	81628		
Kilnsea	396	32524	66030	00704	12570	01206	81825	83360	
Leeming	257	52614	69801	98304	59403	01301	85910		
Tynemouth	262	62505	74258	96604	656//	01307	86630		
Carlisle	222	22913	74011	96704	29441	01502	81918		
Valley	302	62527	82038	00907	42462	03606	84816	83075	
Ringway	334	21810	80021	01202	25702	51302	82650		
Squires Gate	318	62522	65258	99705	694//	02203	83918	84822	
Ronaldsway	204	72518	84031	98906	784//	01601	82818	83836	83850
Mull of Galloway	131	42725	84011	96704	42500	01502	84820		
Eskdalemuir	162	72422	66268	94902	704//	00504	83712	84821	86636
Prestwick	135	72416	65258	94305	794//	01706	82710	84820	87635
Abbotsinch	140	61918	62808	93404	694//	02708	81714	84820	82916
Leuchars	171	72316	70831	92002	593/2	01803	81709	83913	86068
Dyce	091	62204	82011	90300	15663	52803	81630	85360	
Lerwick	005	52803	82278	85202	59400	52702	84912		
Wick	075	62511	84011	87701	29463	00705	81915	83068	
Sule Skerry	010	53209	74018	86005	594//	03703	85915		
Cape Wrath	049	73207	83018	86702	4357/	00206	84920	85360	
Stornoway	026	72106	70268	87701	794//	01501	82914	87816	
Benbecula	022	32917	82158	89404	39400	01305	83918		
Tiree	100	52818	75278	90704	594//	01801	82916	83920	
Aldergrove	917	72313	80258	97702	703//	01704	86706	83814	
Malin	980	52718	82279	94503	49403	02506	84917		
Belmullet	976	52817	83278	98606	33502	01706	83820	84070	
Birr	965	12006	81018	01502	15600	01708	81635		
Dublin	969	12412	84010	00802	18500	00602	81825		
Shannon	962	62405	80258	01905	635//	04607	82922	83630	85650
Roches Point	952	42810	82030	03605	18431	03708	81817	84070	
Valentia	953	72916	70808	03207	735//	05608	87926		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00511	56	+	+
Hurn	862	00513	54	+	+
Thorney Island	871	00511	54	tl	+
Manston	797	00011	52	+	+
Gatwick	776	00513	55	+	+
Kew	775	00011	54	+	+
Heathrow	772	00011	51	+	+
Honington	586	00011	51	+	+
Wattisham	590	00001	52	+	+
Gorleston	497	00011	52	+	+
Aberporth	502	93031	01	+	pr_o
Ross-on-Wye	627	00021	51	+	+
Filton	628	03021	51	pr_o	pr_opr
Rhoose	715	06021	51	$pr_olrhrpr_o$	$pr_ophrprpr_o$
Chivenor	707	01061	02	$tlpr_oph_or_o$	pr_o
Mount Batten	827	95021	51	pr_oprl	+
St. Mawgan	817	96051	02	pr_o	pr_o
Scilly	804	92071	04	pr	+
Culdrose	809	97041	52	+	pr_o
Guernsey	894	01061	04	phpr	pr_o
Elmdon	534	00011	52	+	+
Cardington	559	00011	51	+	+
Wittering	462	00011	51	+	+
Watnall	354	97013	53	pr_o	+
Shawbury	414	00513	56	+	+
Finningley	360	97011	51	r_o	+
Kilnsea	396	00030		+	+
Leeming	257	94021	52	pr_o	pr_o
Tynemouth	262	91031	52	+	pr_o
Carlisle	222	01032	00	$pr_os_opr_o$	pr_ophph_o
Valley	302	97051	03	ph_or_o	+
Ringway	334	91011	50	pr_o	+
Squires Gate	318	02031	01	pr_o	$pr_oprphphr$
Ronaldsway	204	00051	03	+	+
Mull of Galloway	131	00041			
Eskdalemuir	162	02015	51	$psps_o$	ps_o
Prestwick	135	04031	01	pr_opr	pr_o
Abbotsinch	140	04011	50	pr_o	pr_os_oprprs
Leuchars	171	01001	52	jp	pr_os_oprs
Dyce	091	00503	55	+	+
Lerwick	005	04006	51	pr_o	$ph_oph_or_opr_os_o$
Wick	075	94501	52	pr_oprs	+
Sule Skerry	010	06022	53		
Cape Wrath	049	06512	50	phr	phr
Stornoway	026	02002	51	ph_or_o	pRS
Benbecula	022	02021	01	$pr_os_ophr_o$	pr_ophr_o
Tiree	100	02031	00	pr_ophr_o	$phrph_or_o$
Aldergrove	917	94021	01	+	pr_o
Malin	980	07031	01		
Belmullet	976	02041	01		
Birr	965	01021	51		
Dublin	969	97011	51		
Shannon	962	04031	00		
Roches Point	952	97031	51		
Valentia	953	94051	01		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	13004	80000	97858	07002	5967/	00304	84936	/////	05952	10641	30000	99604
B	99564	70510	13004	93304	93737	21002	9////	00729	89/02	/////	0//50	10490	30301	26404
C	99527	70355	13003	82823	98022	28207	855//	00106	88620	/////	0//03	10940	30706	/////
D	99440	70412	13003	71121	98022	34515	75500	00502	/////	/////	0//11	11831	3////	/////
E	99351	70481	13004	81418	98022	20122	3247/	00005	83815	88358	0//19	12143	30604	/////
I	99590	70191	13004	43530	97268	95405	49400	71308	82915	/////	0//02	10934	30808	31011
J	99527	70199	13004	73019	97808	06309	734//	00304	84912	86816	05707	11270	30905	34108
K	99451	70162	13004	72723	97028	20613	786//	61717	83831	87650	0//09	11659	30908	/////
M	99655	10012	13004	61122	98038	86005	68500	21309	84820	/////	05402	10722	30503	30005

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	13064	63310	97158	08302	39580	00208	83932	/////	05751	10626	30101	99604
B	99565	70510	13064	80620	94687	14702	073//	00721	88708	/////	0//01	10505	30503	/////
C	99526	70354	13063	82930	98022	26807	855//	00607	88620	/////	0//02	10926	30706	/////
D	99440	70410	13063	81315	98022	32216	855//	00608	88620	/////	0//09	11830	30402	/////
E	99351	70481	13064	81422	98022	17721	1241/	00715	81815	88460	0//19	12135	30604	/////
I	99590	70188	13064	73119	97158	93104	59433	00605	82915	84630	0//03	10936	30606	31010
J	99525	70196	13064	13127	99258	06909	12400	00209	81817	/////	05807	11291	30806	34007
K	99451	70163	13064	43139	97018	16313	48500	71506	82820	84650	0//00	11643	31016	/////
M	99658	10017	13064	30918	98011	87904	30500	21308	82820	/////	05451	10697	30503	09804

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H.M.S.O. Press, Met.O. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39804 — Date of Issue Saturday 14 November 1970

OBSERVATIONS at 12h. — 13 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	72210	82021	05808	68538	05813	81825	85645	86275
Hurn	862	62206	70151	06311	22532	04812	82825	85075	
Thorney Island	871	52606	82011	07310	29501	05810	81925	85078	
Manston	797	32112	82020	07809	12601	02001	81830	83075	
Gatwick	776	62312	80011	06809	12562	04811	81820	86075	
Kew	775	62208	78031	06109	11501	02711	81822	86075	
Heathrow	772	72413	82031	05909	18506	02812	81822	87080	
Honington	586	62212	80031	05107	00904	01802	86072		
Wattisham	590	62414	61021	05507	00901	02803	86078		
Gorleston	497	42014	62020	05207	00901	02400	84075		
Aberporth	502	72213	83038	01908	3852/	04818	81820	87462	
Ross-on-Wye	627	72012	63028	03807	615/1	04609	86820		
Filton	628	52208	66258	04707	29401	04110	81918	84072	
Rhoose	715	72212	81258	04208	684/1	05813	81818	86645	87075
Chivenor	707	71812	62808	04109	795//	06718	83925	86830	86645
Mount Batten	827	72217	74021	05211	68502	07819	85825	87075	
St. Mawgan	817	62012	74158	04710	29503	06819	81920	85075	
Scilly	804	42114	66258	04909	49400	06717	84915		
Culdrose	809	72213	76158	05211	594/2	07716	83918	83820	
Guernsey	894	52115	84028	08410	32502	06808	83825	85075	
Elmdon	534	52214	60031	03107	11534	03714	81825	85070	
Cardington	559	72114	70021	04709	11532	03807	81820	87070	
Wittering	462	62215	74031	03807	11404	03803	81818	86075	
Watnall	354	52215	66031	02207	11502	02803	81820	85070	
Shawbury	414	72113	82011	01807	12533	03806	81825	84360	87072
Finningley	360	62112	58041	01307	00902	02803	86070		
Kilnsea	396	32425	61020	02006	20931	02002	82360		
Leeming	257	22416	69018	98807	19503	02803	81920		
Tynemouth	262	32516	66028	97007	21608	02102	82830	83275	
Carlisle	222	72715	62898	97207	794//	03001	83710	85916	
Valley	302	72422	82021	00408	42432	03808	84816	87075	
Ringway	334	71911	64031	01106	18532	02807	81820	87075	
Squires Gate	318	72318	80258	99908	49476	05803	82918	83822	87275
Ronaldsway	204	72515	84021	98608	22506	01704	82822	87275	
Mull of Galloway	131	72328	84031	97106	2253/	02005	82825	86360	
Eskdalemuir	162	72318	78028	96003	734//	00001	84710	85918	
Prestwick	135	72415	62808	95105	784//	03005	83714	85818	87640
Abbotsinch	140	62114	81258	94405	49462	02209	81918	83824	85068
Leuchars	171	12519	86028	93205	12442	01209	81812		
Dyce	091	12718	86021	90905	12563	54215	81820		
Lerwick	005	52706	83018	86402	29403	01001	82912	84070	
Wick	075	32812	86028	88803	29403	01107	82915		
Sule Skerry	010	70000	66898	87903	794//	01210	87915		
Cape Wrath	049	72707	82038	87803	735//	01204	87920		
Stornoway	026	52508	75268	88901	2956/	01005	82924	84360	
Benbecula	022	72412	72258	90106	43402	03101	84916	85072	
Tiree	100	72717	80158	92007	59432	03101	81710	83917	85072
Aldergrove	917	72312	80028	97205	48432	02803	82710	84628	87075
Malin	980	72421	80808	94506	794/2	04000	87918		
Belmullet	976	72818	82808	96706	7356/	02715	87921		
Birr	965	72008	75258	99605	585/2	04814	82820	84635	86068
Dublin	969	72210	70031	99706	40938	02804	84362	87270	
Shannon	962	82414	80808	99707	6347/	05717	82713	84920	88458
Roches Point	952	72108	80808	01407	1942/	05818	81917	87459	
Valentia	953	72612	80808	01108	735//	05815	87924		

OBSERVATIONS at 18h. — 13 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	81710	56628	00306	7842/	05728	82710	85628	86650
Hurn	862	81812	64258	00209	884//	07731	81715	84822	88656
Thorney Island	871	82215	23958	02307	7942/	07624	82810	86918	88458
Manston	797	71812	81021	04608	785//	05715	81820	87635	
Gatwick	776	81908	62608	02407	5557/	05827	85628	88460	
Kew	775	81806	61636	02007	854//	06717	82718	88630	
Heathrow	772	81911	63612	01908	855//	05718	81620	88645	
Honington	586	81710	59042	02107	8097/	03713	82364	88468	
Wattisham	590	71808	64032	02607	7097/	03717	81362	87465	
Gorleston	497	61910	60021	02808	6091/	04712	86460		
Aberporth	502	83106	62616	96806	6537/	05725	82708	86635	88459
Ross-on-Wye	627	81707	57216	97007	8042/	06738	88510		
Filton	628	81512	48608	98208	6547/	06734	81710	86632	88458
Rhoose	715	82413	62628	97907	883//	06628	81706	83816	85625
Chivenor	707	71912	74258	98208	53531	07625	81920	84656	
Mount Batten	827	72315	74808	99410	794//	08722	86918	87820	
St. Mawgan	817	72109	70258	99208	794//	07622	83916	84825	86641
Scilly	804	62713	74028	99310	59471	07725	83815	84358	82925
Culdrose	809	62412	80258	99509	59432	06724	83918	83820	
Guernsey	894	72123	66808	02811	79463	07723	86818	83920	
Elmdon	534	81508	57632	98706	4542/	05828	84619	88529	
Cardington	559	81710	62602	00808	5562/	05722	85640	88458	
Wittering	462	81607	64602	00206	4542/	04721	84618	88457	
Watnall	354	81908	50636	99106	854//	05720	88619		
Shawbury	414	81804	58636	97905	6742/	05721	83712	85715	88520
Finningley	360	71909	58802	98606	48506	04714	84820	86072	
Kilnsea	396	82320	63021	00407	15577	03712	81625	84360	88275
Leeming	257	71308	62048	97405	15608	02710	81640	87270	
Tynemouth	262	62312	58021	96006	6097/	03400	86359		
Carlisle	222	52206	62038	95204	23502	01718	81922	85073	
Valley	302	72015	74216	95608	6547/	05722	86616	87460	
Ringway	334	82002	57616	97805	854//	03725	88616		
Squires Gate	318	81813	65616	96806	6567/	05616	82630	84641	88460
Ronaldsway	204	72210	82032	94608	724/2	03721	87817	87075	
Mull of Galloway	131	52318	82022	93907	32605	01714	83830	85280	
Eskdalemuir	162	10000	74011	94801	18401	50601	81817		
Prestwick	135	72411	75028	93306	724/1	02609	81815	85818	
Abbotsinch	140	62110	75158	93005	59461	02708	81918	85650	
Leuchars	171	42406	66041	92902	18432	01500	81815		
Dyce	091	72109	84021	92102	34762	51104	83650	87068	
Lerwick	005	52502	83028	88202	59400	00209	81912	83818	
Wick	075	52510	80031	90501	49402	50211	81915	84640	
Sule Skerry	010	63202	81018	89304	3947/	01211	83915		
Cape Wrath	049	60000	85028	90003	635//	51218	86920		
Stornoway	026	12902	82028	90950	12500	51317	81820		
Benbecula	022	23504	82018	91503	22501	01313	82820		
Tiree	100	63505	70278	91404	39402	02302	82915	83070	
Aldergrove	917	71605	65031	94003	58402	01709	82711	84628	
Malin	980	62216	80808	92704	694//	02705	86918		
Belmullet	976	73103	81028	93403	33572	01507	82921	85359	85070
Birr	965	31605	80026	95203	35600	02617	83635		
Dublin	969	32204	59018	95004	35600	02617	83645		
Shannon	962	82108	66808	95005	834//	03620	82715	86923	85640
Roches Point	952	72204	80038	96306	784//	04726	82817	87635	
Valentia	953	82810	80258	95507	895//	05726	88924		

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	09101	032	jp	prphrprR
Hurn	862	14112	040	pr_0prpR	pr_0prpR
Thorney Island	871	20112	051	pr	prpRpR2t1RpHRf
Manston	797	91101		+	pr_0
Gatwick	776	09112	065	+	pr_0prr_0rRR
Kew	775	08102	062	+	r_0rRR
Heathrow	772	07111	059	+	r_0rR
Honington	586	96081		+	r_0r_0r
Wattisham	590	93081	061	+	$ir_0r_0r_0$
Gorleston	497	97091	066	+	pr_0
Aberporth	502	05081	014	ir_0	$rrr_0r_0pr_0$
Ross-on-Wye	627	03081	030	pr_0	r_0r_0-rr_0r_0
Filton	628	01081	019	pr_0	r_0ir_0
Rhoose	715	05091	006	pr_0	pr_0rpr_0pr
Chivenor	707	12102	001	$pr_0prph_0r_0$	pHRpr
Mount Batten	827	06111	021	pR	pr
St. Mawgan	817	05112	040	pr	pr
Scilly	804	02121	051	pr	pr
Culdrose	809	05112	034	+	$prpr_0pr$
Guernsey	894	01111	009	pr	pr
Elmdon	534	03071	036	+	ir_0rrR
Cardington	559	02092	059	+	r_0rr
Wittering	462	01091	046	+	r_0Rr
Watnall	354	04072	034	+	$r_0r_0rrdrdr$
Shawbury	414	05091	044	pr_0	$r_0r_0rRir_0$
Finningley	360	03091	057	+	$pr_0r_0r_0rR$
Kilnsea	396	01071	053	+	ir_0ir
Leeming	257	97081	043	pr_0	r_0
Tynemouth	262	00081	058	+	+
Carlisle	222	02071	036	$pr_0phpHRpr$	pr_0phrpr_0
Valley	302	01081	001	ir_0	$ir_0irph_0r_0$
Ringway	334	05071	027	+	r_0Rd-drr
Squires Gate	318	03081	012	$pr_0phrpHR$	rr_0r_0
Ronaldsway	204	00081	012	+	jp
Mull of Galloway	131	00071			
Eskdalemuir	162	97051	020	pr_0	+
Prestwick	135	03071	005	pr_0	ph_0r_0
Abbotsinch	140	96061	018	pr_0	pr_0
Leuchars	171	97051	057	jp	pr_0s_0
Dyce	091	00061	047	+	+
Lerwick	005	02035	017	pr_0s_0	pr_0s_0
Wick	075	97043	026	ps_0	+
Sule Skerry	010	11062			
Cape Wrath	049	01042	016	phr	ph_0r_0
Stornoway	026	02044	029	pr_0ps	pr
Benbecula	022	01074	010	pr_0pr	pr_0
Tiree	100	03071	017	$pr_0phrpHR$	phr
Aldergrove	917	93061	019	+	pr_0
Malin	980	0207	012		
Belmullet	976	0209	014		
Birr	965	0306	004		
Dublin	969	9706	001		
Shannon	962	0611	001		
Roches Point	952	9109	012		
Valentia	953	0410	022		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

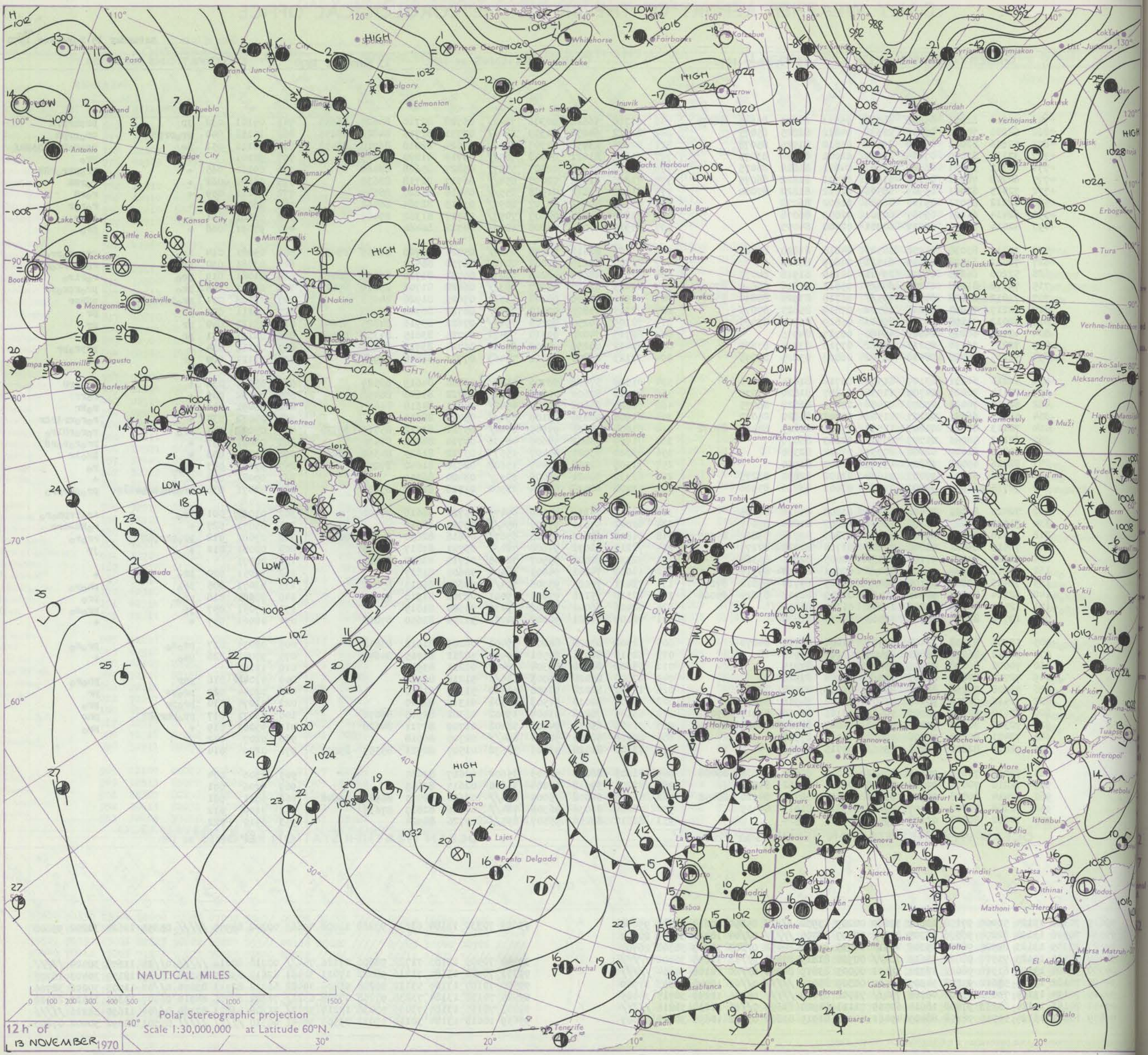
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	13124	50000	97158	10602	39660	00209	83930	/////	05850	10613	30000	99606
B	99564	70506	13124	82204	96536	12305	872//	00707	88705	/////	0//04	10490	30301	20403
C	99527	70355	13123	82925	98022	25308	4551/	00710	84620	88458	0//03	10943	30302	26707
D	99440	70410	13123	71517	98022	30616	784//	00704	81815	87630	0//13	11698	30402	/////
E	99350	70480	13124	61518	98022	18321	32451	00003	83815	84360	0//20	12108	30604	/////
I	99590	70182	13124	53612	97278	94305	59400	00309	83915	/////	0//01	10948	30303	31909
J	99525	70194	13124	73052	95808	06708	734//	71502	85910	/////	05906	11293	30713	34005
K	99452	70163	13124	63233	97808	18614	63500	71111	84920	83650	0//06	11630	31216	/////
M	99659	10021	13124	50515	98158	88403	49461	00301	81915	83640	05652	10698	30402	09803

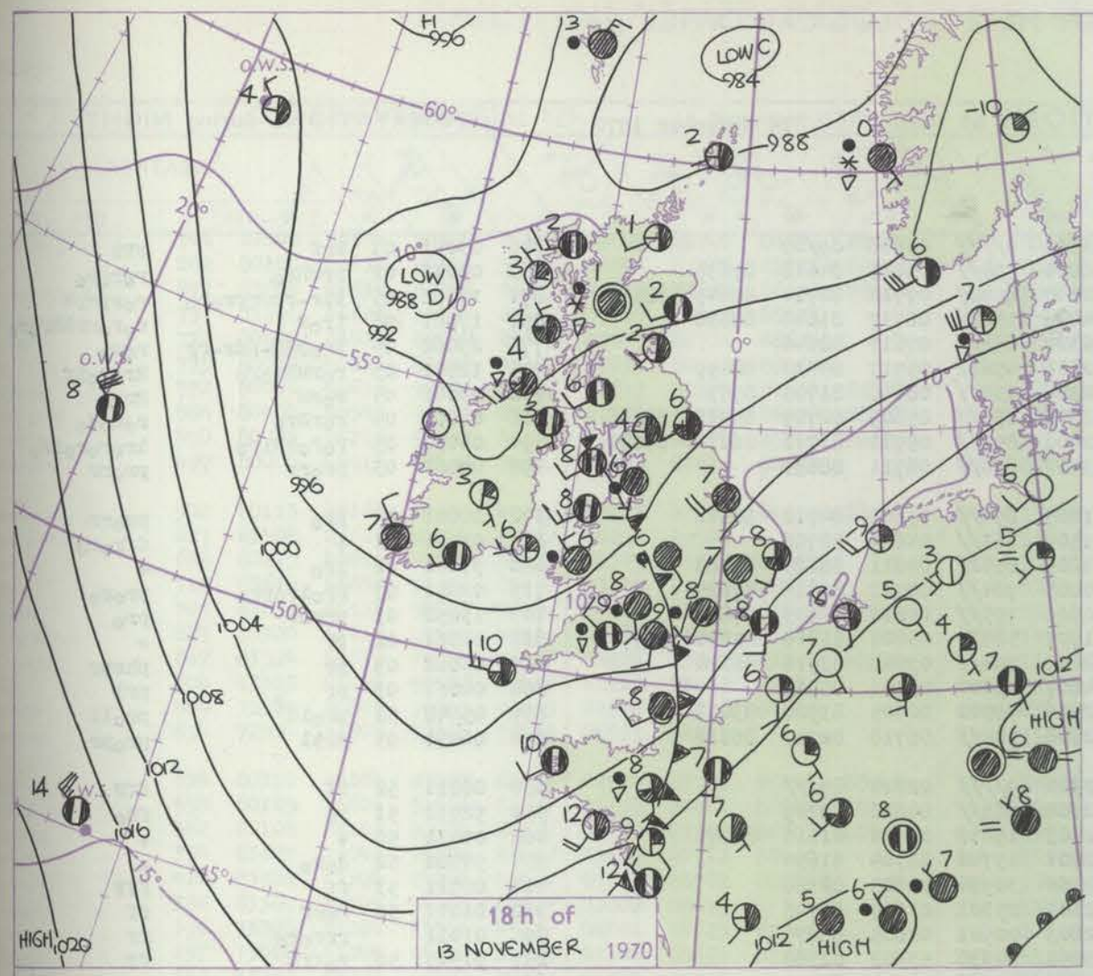
OCEAN WEATHER STATION REPORTS at 18h.

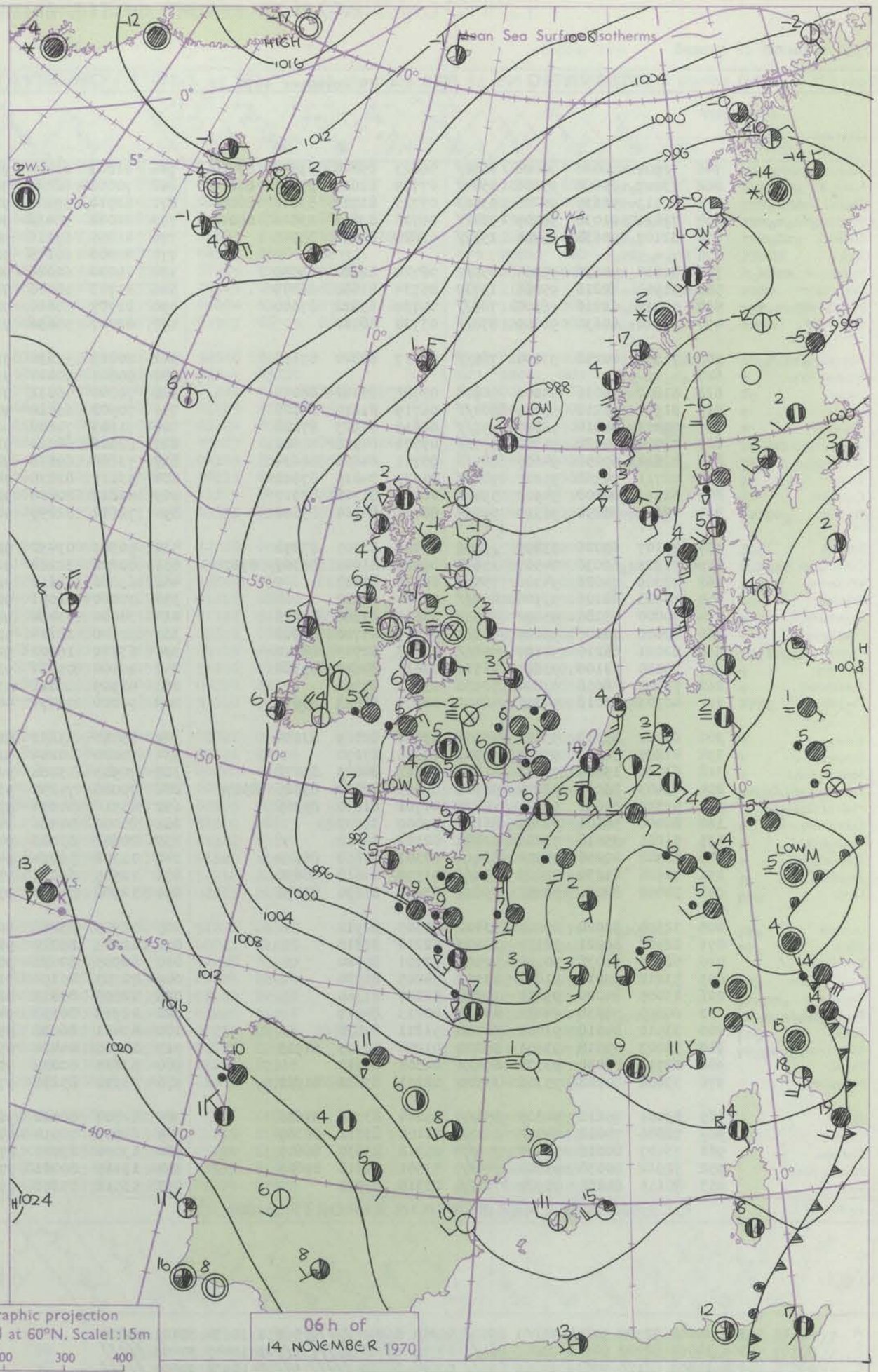
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	13184	61610	97268	11002	49663	00302	84945	/////	05851	10624	30202	99608
B														
C														
D	99440	70409	13183	71722	98606	27116	754//	00714	87616	/////	0//14	11678	30404	/////
E	99351	70488	13184	71216	98028	17021	32461	62612	83815	85358	0//19	12159	30403	16706
I	99590	70184	13184	53112	96258	96804	39402	61312	82913	83070	0//02	11003	30202	32706
J	99525	70198	13184	73238	97258	07708	6326/	71322	82705	84910	06007	11301	31021	27912
K	99453	70165	13184	73035	97038	19214	3257/	71308	83823	87360	0//06	11630	31216	/////
M	99659	10018	13184	30110	97011	89503	39441	00310	/////	/////	05501	10592	30402	07803

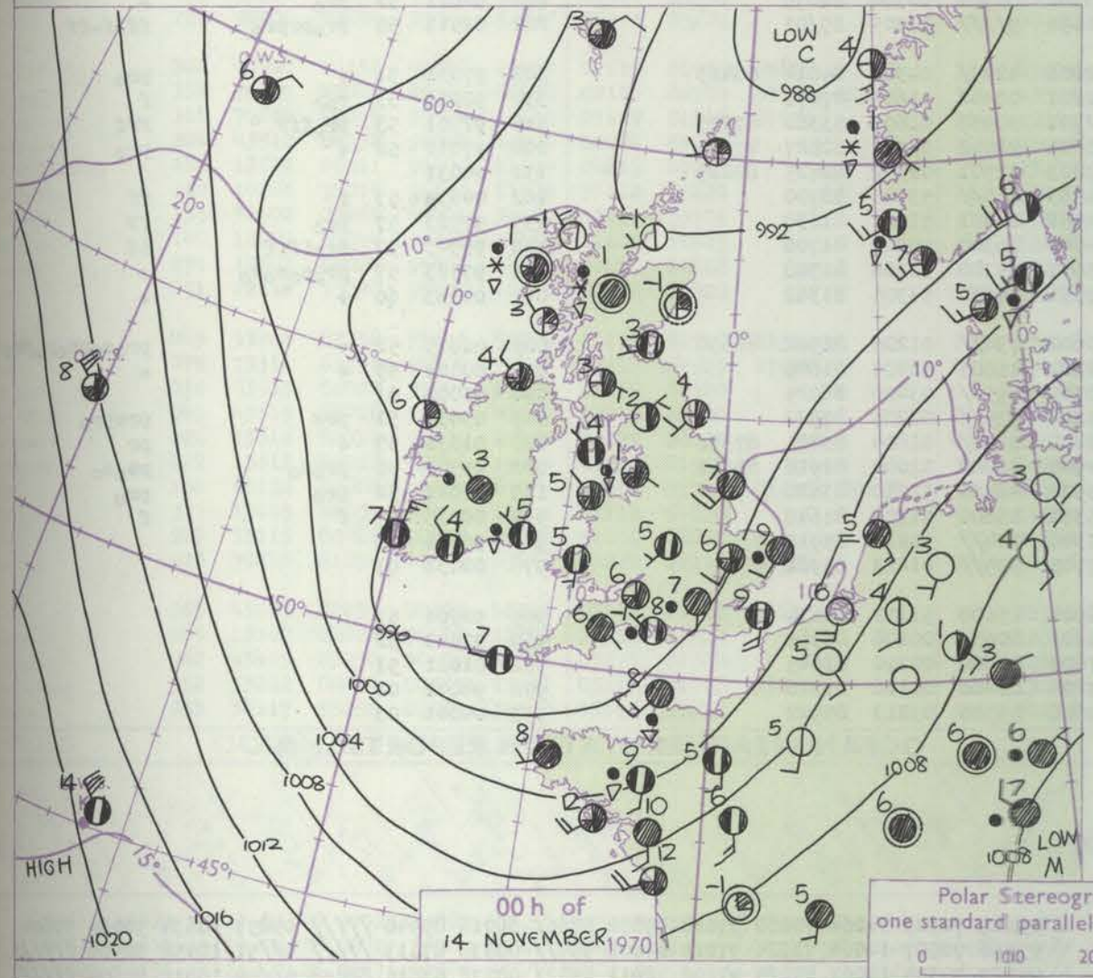
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 14 November 1970

The low complex to the north of Scotland across to central Norway has persisted, maintaining a cold unstable westerly airstream over the British Isles with troughs of low pressure moving eastwards within it. One such major trough off southwest England yesterday morning crossed England and Wales during the day. A further trough now across western districts has led to the formation of a shallow depression over the British Channel and this low is expected over north Holland by tomorrow morning, bringing behind it a cold northerly unstable airstream into all districts. A ridge of high pressure will approach western areas of the British Isles tomorrow morning.

Code FM 11.D — OBSERVATIONS at 00h. — 14 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71907	74028	95006	6851/	06623	85824	83645	87460
Hurn	862	73007	65608	95008	5547/	07729	82615	84635	87360
Thorney Island	871	82113	58639	96208	4342/	07727	81912	83816	88450
Manston	797	71821	81038	98209	784//	06728	82818	83626	86642
Gatwick	776	82107	40636	96706	2552/	06820	82620	88540	
Kew	775								
Heathrow	772	81810	58636	95907	855//	06724	82620	88630	
Honington	586	61911	62216	95606	15730	05734	81650	86359	
Wattisham	590	72012	62216	96306	785//	05734	83822	87640	
Gorleston	497	81912	60636	96209	874//	07738	88710		
Aberporth	502	71807	80258	93105	785//	05717	82820	87635	
Ross-on-Wye	627								
Filton	628	61807	59016	94006	50918	05722	85462	86072	
Rhoose	715	81907	83218	93607	884//	05719	81818	88626	
Chivenor	707	72203	58818	93807	795//	06619	84923	87828	
Mount Batten	827	72708	74028	94509	794//	07721	84918	84820	
St. Mawgan	817	82611	69258	94607	885//	05721	84824	88634	
Scilly	804	72711	74258	95207	784//	05723	84815	87622	
Culdrose	809	62513	80808	94907	5943/	06623	81710	82917	
Guernsey	894	72120	83258	96510	6843/	08727	84814	85640	
Elmdon	534	72107	65026	93805	15238	04716	81705	87272	
Cardington	559	71709	66036	94507	15678	06729	81640	86360	87270
Wittering	462	72009	74026	94306	755//	05627	87623		
Watnall	354	82403	48106	93506	854//	05714	88612		
Shawbury	414	70000	48286	93802	30938	02612	83360	87275	
Finningley	360	80000	22106	93605	853//	04515	83706	88618	
Kilnsea	396	82021	66216	94207	854//	05633	82715	88640	
Leeming	257	70000	23106	93604	4553/	03615	84620	87360	
Tynemouth	262	52403	48058	93804	50930	03713	85358		
Carlisle	222	40303	62018	94002	48500	02604	82823	83635	
Valley	302	63502	83018	93405	48402	03604	82819	83650	
Ringway	334	41205	50406	93803	00908	03614	84270		
Squires Gate	318	61002	15806	93501	42502	01611	84823	83072	
Ronaldsway	204	73403	86031	93204	58502	02603	82820	83825	85075
Mull of Galloway	131	53310	84031	92804	15630	01702	81640	85365	
Eskdalemuir	162	80000	56101	94201	861//	00000	88702		
Prestwick	135	51205	75018	93203	32442	02103	83818		
Abbotsinch	140	61302	40258	93502	684//	02301	82818	86640	
Leuchars	171	72506	61238	92803	754//	01502	84618	86650	
Dyce	091	30000	82031	92851	15632	53208	81630	83070	
Lerwick	005	32504	83028	89801	33400	52305	82912		
Wick	075	12505	89021	92151	18400	52210	81818		
Sule Skerry	010	52709	81038	90106	59500	52701	85920		
Cape Wrath	049	53212	83018	91804	53500	54205	85920		
Stornoway	026	13005	84020	93251	10930	52207	81360		
Benbecula	022	60000	77838	94401	43402	00213	84917		
Tiree	100	33510	84018	93403	38500	51211	82820		
Aldergrove	917	33003	74018	93801	39200	01204	82705	81915	
Malin	980	62911	82038	93504	694//	02305	86917		
Belmullet	976	33408	84028	95306	33500	02211	83821	81921	
Birr	965	83001	75618	94803	854//	03204	83718	87636	
Dublin	969	72806	70012	94002	3643/	01104	83712	86360	
Shannon	962	73407	80016	95204	756//	03218	83630	86645	
Roches Point	952	72912	80036	93804	784//	03501	81818	87645	
Valentia	953	70115	80258	95907	795//	03318	87922		

Code FM 11.D — OBSERVATIONS at 06h. — 14 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	91803	01454	91505	9////	05606	89/00		
Hurn	862	70000	62026	91205	754//	05615	84618	87635	
Thorney Island	871	82510	59638	92307	6542/	07712	82711	85645	88550
Manston	797	82004	58638	94006	1562/	06717	81640	88556	
Gatwick	776	81805	65216	92307	856//	07617	88640		
Kew	775	80000	66116	92006	4561/	05717	84632	88459	
Heathrow	772	70000	62026	92306	752//	06616	81705	87630	
Honington	586	81703	58606	92806	853//	05609	82707	85712	88616
Wattisham	590	81707	58616	92906	854//	05711	81711	86614	88640
Gorleston	497	82007	58636	93007	856//	06711	88633		
Aberporth	502	80113	50638	91805	854//	03601	84712	88618	
Ross-on-Wye	627	80601	02444	91504	863//	04617	88708		
Filton	628	70000	56032	91205	6552/	04611	86625	86463	
Rhoose	715	70502	66028	90805	784//	05712	81816	87625	
Chivenor	707	71603	74808	90906	795//	05610	82923	87832	
Mount Batten	827	82906	66028	91907	58437	05608	81818	85630	88270
St. Mawgan	817	73120	69158	92007	794//	03508	83916	86820	
Scilly	804	53111	82038	94207	59400	05301	85915		
Culdrose	809	62812	80808	92706	49502	02605	83920	83072	
Guernsey	894	72612	82259	92508	784//	06718	82710	86818	
Elmdon	534	90301	03432	92302	9////	02810	89///		
Cardington	559	80000	32282	92104	863//	04612	88709		
Wittering	462	63202	48112	92403	15438	03708	81618	86275	
Watnall	354	30000	61051	92701	15748	01704	81650		
Shawbury	414	30000	03464	92550	30930	50805	82360		
Finningley	360	30000	18104	92601	25301	01605	81706		
Kilnsea	396	63210	16102	92803	00901	02605	86075		
Leeming	257	20000	05424	93253	20930	53302	82360		
Tynemouth	262	42909	66021	93502	00902	00304	84075		
Carlisle	222	90000	02474	94050	9////	51305	89/01		
Valley	302	83510	83252	92806	4247/	04301	84814	88463	
Ringway	334	70000	20284	92801	00902	01604	87070		
Squires Gate	318	70903	15288	92701	30938	01603	83360	87275	
Ronaldsway	204	70000	75252	93505	28502	03305	82827	87075	
Mull of Galloway	131	43510	84030	93203	22501	02302	82825	84085	
Eskdalemuir	162	80000	04464	94553	860//	53306	88700		
Prestwick	135	20802	65018	94551	14601	51211	81630		
Abbotsinch	140	12302	56014	94600	16300	50209	81706		
Leuchars	171	12505	66011	93651	15300	52308	81708		
Dyce	091	12908	84030	93551	10930	53305	81362		
Lerwick	005	72909	83268	90602	734//	01206	82912	86630	
Wick	075	12403	89020	92201	15603	52400	81645		
Sule Skerry	010	62905	82038	90305	695//	03400	86925		
Cape Wrath	049	72703	85158	91204	735//	02205	87920		
Stornoway	026	72808	80811	92802	3257/	01804	83825	87358	
Benbecula	022	42913	86158	94905	43400	01000	82918	83640	
Tiree	100	43411	86038	95504	48500	51210	83820		
Aldergrove	917	10000	04424	95351	15600	51308	81640		
Malin	980	53615	80038	95306	534//	50212	85917		
Belmullet	976	53310	85258	97705	535//	01213	85921		
Birr	965	12804	80021	96900	15600	51212	81634		
Dublin	969	62909	70014	95201	6093/	00208	86359		
Shannon	962	13010	83020	97603	15600	02210	81645		
Roches Point	952	13119	80021	97104	18400	01118	81818		
Valentia	953	53512	75258	99606	59500	03213	85922		

Code FM 11.D — OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	03051	03	Rrf	FFR
Hurn	862	09041	02	prrRro	rorororo
Thorney Island	871	17062	05	tlr-rprrprorro	rorprpR
Manston	797	17061	06	irorR	rororrRRrorro
Gatwick	776	23062	04	lropHR-Rdr-rr	rorro
Kew	775	12051	03	rorRRrorro	Rrrorolf
Heathrow	772	09061	04	rorR	Rrrro
Honington	586	03061	04	rorRro	rododo
Wattisham	590	06052	05	rororRRirro	irororoiro
Gorleston	497	09062	03	prorr	prorr
Aberporth	502	10041	03	pro	prorr
Ross-on-Wye	627	01021	01	+	ffrorro
Filton	628	97041	02	iro	+
Rhoose	715	02041	03	proirropro	prorro
Chivenor	707	13052	03	prphr	pro
Mount Batten	827	02061	02	pr	+
St. Mawgan	817	05062	03	pr	phrpr
Scilly	804	04061	03	pr	prl
Culdrose	809	05042	51	prold	protl
Guernsey	894	06071	05	prtl	propr
Elmdon	534	00011	52	lf	ffF
Cardington	559	92031	51	ro	fdo
Wittering	462	00031	50	+	+
Watnall	354	97001	52	doro	+
Shawbury	414	00511	53	ff	ffF
Finningley	360	01011	51	rorf	ff
Kilnsea	396	01011		rrrorro	ff
Leeming	257	91543	56	rofFF	ff
Tynemouth	262	94011	52	pro	+
Carlisle	222	02511	55	proprpro	ff-f-ff
Valley	302	97031	51	+	pro
Ringway	334	92011	53	ro	f
Squires Gate	318	91501	53	profFF	FFf
Ronaldsway	204	97011	52	+	pro
Mull of Galloway	131	00031			
Eskdalemuir	162	00533	53	f	ff
Prestwick	135	97523	57	pro	fF
Abbotsinch	140	95543	57	prolfff	lf
Leuchars	171	97523	57	prosoroso	+
Dyce	091	00533	60	+	+
Lerwick	005	01015	52	+	prosophoropro
Wick	075	00523	55	+	+
Sule Skerry	010	01002	01		
Cape Wrath	049	03032	51	prs	prspro
Stornoway	026	01531	57	+	pr
Benbecula	022	95501	56	proso	prroso
Tiree	100	91021	52	pro	pro
Aldergrove	917	00533	57	f	f
Malin	980	96031	01		
Belmullet	976	02031	01		
Birr	965	92501	53		
Dublin	969	97543	52		
Shannon	962	01021	51		
Roches Point	952	94041	02		
Valentia	953	04041	03		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	14004	72707	97858	11801	6966/	00204	86940	/////	06051	10634	30101	99606
B	99567	70506	14004	82222	94515	03203	862//	00718	88705	/////	0//03	10445	30403	/////
C	99526	70350	14003	82120	97616	19809	855//	00826	88620	/////	0//08	10932	30604	/////
D	99443	70410	14003	11823	98032	26316	80837	00712	83464	882//	0//14	11783	30304	/////
E	99350	70500	14004	50000	98018	17820	12470	62210	81815	84360	0//18	12159	30000	99/02
I	99591	70190	14004	60310	97018	01006	63400	00225	81917	85640	0//02	10940	30101	32707
J	99526	70201	14004	63130	98028	12408	684//	71118	83818	83640	05806	11191	30812	27910
K	99454	70167	14004	73138	97022	19714	3853/	71101	81823	87360	0//08	11600	31216	/////
M	99658	10018	14004	60810	97261	91202	59430	00312	84920	/////	06001	10691	30301	07802

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70329	14064	70000	97028	09802	5366/	00716	85940	/////	05853	10634	30000	99604
B	99566	70507	14064	73324	97025	04802	754//	00333	87613	/////	0//51	10458	30504	/////
C	99527	70355	14063	82025	97606	12911	4542/	00738	83615	88458	0//09	10910	30604	/////
D	99440	70410	14063	82027	98022	23017	8543/	00813	84620	86564	0//15	11723	30405	/////
E	99350	70500	14064	72507	98031	17921	11450	23400	81815	87564	0//18	12220	30301	12603
I	99591	70189	14064	10309	98011	06406	18500	00225	81825	/////	0//04	10944	30101	32606
J	99527	70205	14064	33322	99038	14308	28401	71215	82818	83068	05504	11203	30909	28207
K	99455	70168	14064	83239	97808	20112	885//	71307	83823	87643	0//09	11608	31218	/////
M	99658	10016	14064	50109	97158	93603	49461	00317	83915	/////	05751	10681	30301	06802

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H.M.S.O. Press, Met.O. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39805 — Date of Issue: Sunday 15 November 1970

Code FM 11.D — OBSERVATIONS at 12h. — 14 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
Boscombe Down	746	80000	56634	90506	853//	05805	82708	84622	88650
Hurn	862	80105	22636	90406	3732/	06804	81706	83710	88525
Thorney Island	871	83605	58638	89708	7852/	07815	83820	86630	88460
Manston	797	81106	56626	91707	2742/	07717	82710	88535	
Gatwick	776	80907	63036	89708	853//	07819	82706	88624	
Kew	775	80702	40636	89908	3742/	07816	83712	88550	
Heathrow	772	80000	45616	90308	6522/	07817	83705	84630	88550
Honington	586	80404	40506	91707	872//	07806	81703	86705	88708
Wattisham	590	80702	64216	91507	852//	07808	83704	85710	88630
Gorleston	497	80000	48616	92408	885//	06806	81825	88630	
Aberporth	502	80113	48166	94806	4932/	04213	81709	84912	88556
Ross-on-Wye	627	83508	24616	92904	8032/	04212	88506		
Filton	628	80215	40616	91705	852//	03307	87705	88615	
Rhoose	715	83612	56638	91904	854//	03210	81712	88622	
Chivenor	707	83623	60638	92805	5542/	04216	83710	83622	88458
Mount Batten	827	83320	61618	92606	4932/	05208	83709	88540	81915
St. Mawgan	817	83524	58638	95004	4942/	04224	83912	83820	88540
Scilly	804	43323	81168	98509	49400	02222	83817	82922	
Culdrose	809	73320	80809	95207	43413	02214	83916	84460	
Guernsey	894	72914	66808	92308	79463	04801	86915		
Elmdon	534	80310	26104	93203	862//	02004	81703	85704	88705
Cardington	559	80109	26606	91306	862//	06808	84704	86709	88715
Wittering	462	80108	28102	92804	861//	03000	83702	86703	88706
Watnall	354	83607	20041	93604	2642/	03000	82712	88460	
Shawbury	414	83508	11104	94204	861//	03006	85702	88706	
Finningley	360	83309	32104	94103	854//	02002	88615		
Kilnsea	396	73308	30284	93704	4557/	04001	84625	87360	
Leeming	257	73408	61044	95604	35508	01107	83620	87270	
Tynemouth	262	53210	58021	95103	5097/	01500	85358		
Carlisle	222	90000	02454	97000	9////	50213	89/01		
Valley	302	43520	80158	95808	29463	02115	81915	84072	
Ringway	334	70407	40044	94505	66458	02106	86714	84360	87272
Squires Gate	318	70208	40044	95504	11432	03109	81818	87075	
Ronaldsway	204	43512	84038	96806	42501	02214	84820		
Mull of Galloway	131	13622	08611	97005	11500	00219	81825		
Eskdalemuir	162	10206	78014	96303	11503	53112	81820		
Prestwick	135	31502	09464	97701	36000	51110	83701		
Abbotsinch	140	10000	60044	97204	18531	01105	81825		
Leuchars	171	12607	86020	95903	18402	51005	81818		
Dyce	091	12611	75020	95104	18563	53003	81820		
Lerwick	005	53206	82258	93603	59302	01112	81708	83912	
Wick	075	73311	69151	94304	794//	03213	84915	87630	
Sule Skerry	010	63613	81028	95006	695//	01229	86920		
Cape Wrath	049	43615	83018	95906	43500	52223	84920		
Stornoway	026	23616	82028	98005	22500	01225	82825		
Benbecula	022	13612	87028	99106	19400	03230	81918		
Tiree	100	60222	80808	97207	694//	04210	81710	83916	85635
Aldergrove	917	13405	66054	98405	18501	01212	81820		
Malin	980	33115	89018	98308	22502	51009	82820		
Belmullet	976	70206	81258	01905	6346/	03222	82717	84920	
Birr	965	43007	82030	00205	48500	03110	81822	83635	
Dublin	969	13108	82021	98605	12540	02216	81822		
Shannon	962	43409	83150	00908	39503	03215	82920		
Roches Point	952	33222	80020	00307	19411	03112	81918	83070	
Valentia	953	30117	75258	03207	39500	03115	83922		

OBSERVATIONS at 18h. — 14 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
Boscombe Down	746	83517	23616	93404	872//	03221	86705	88708	
Hurn	862	83216	40616	93005	853//	04221	84708	88611	
Thorney Island	871	83414	32656	90803	6732/	02215	86709	88540	
Manston	797	81705	66216	88807	854//	06709	83615	88650	
Gatwick	776	83612	40656	89206	5732/	05305	81707	85712	88520
Kew	775	80110	40656	90405	873//	04317	85707	88712	
Heathrow	772	83621	45656	90605	7732/	04215	87709	88530	
Honington	586	80317	48656	90706	5732/	05703	85708	88518	
Wattisham	590	80313	48636	90006	7532/	05604	83706	87616	88545
Gorleston	497	80515	58636	90409	6722/	07707	86705	88540	
Aberporth	502	13525	83018	98706	12501	52326	81825		
Ross-on-Wye	627	53409	60021	96204	35601	01224	83630		
Filton	628	73310	37216	95705	48401	01224	81710	83625	87075
Rhoose	715	53209	66016	96704	12531	01224	81820	85075	
Chivenor	707	53415	69027	98007	52501	03224	85825		
Mount Batten	827	73408	58606	98306	693/1	04227	81708	84822	86636
St. Mawgan	817	73518	59278	99805	794//	04229	83914	85822	
Scilly	804	53320	74028	01708	59402	00219	82915		
Culdrose	809	63420	80028	99706	69400	01227	84916	83820	
Guernsey	894	73229	60808	95107	794//	05333	83712	87915	
Elmdon	534	83416	40046	95205	855//	02218	88620		
Cardington	559	83416	14636	92405	862//	04214	84704	85706	88710
Wittering	462	83519	32606	93005	853//	03307	85706	88636	
Watnall	354	83613	40052	95704	856//	01217	88640		
Shawbury	414	53415	59044	97203	18432	01222	81818	85075	
Finningley	360	83412	48046	95804	854//	02316	83615	88641	
Kilnsea	396	80530	63608	93907	6742/	04103	86712	88460	
Leeming	257	53309	60042	97601	15501	51216	81624	85075	
Tynemouth	262	33308	58021	97302	00908	00214	83275		
Carlisle	222	70000	07424	98651	756//	51310	87645		
Valley	302	43609	82031	99404	42500	01221	84822		
Ringway	334	43508	25041	97403	00902	00223	84070		
Squires Gate	318	10107	50041	98403	14602	00220	81630		
Ronaldsway	204	23013	84018	99207	22600	00115	82830		
Mull of Galloway	131	23215	84020	98305	22500	02305	82820		
Eskdalemuir	162	73008	82031	98202	784//	51210	84819	85630	
Prestwick	135	13302	58041	99801	18501	01222	81820		
Abbotsinch	140	12004	70021	99802	15700	01323	81650		
Leuchars	171	63111	82031	97902	656//	51218	86635		
Dyce	091	53218	70258	96904	58400	02211	84814		
Lerwick	005	23310	83011	96302	28400	51216	81818		
Wick	075	13411	82018	98703	12500	00223	81825		
Sule Skerry	010	73619	74038	99905	795//	02228	87920		
Cape Wrath	049	63609	83028	00305	635//	00224	86920		
Stornoway	026	23516	82258	02603	29500	02220	82920		
Benbecula	022	10211	81278	03903	19400	01226	81916		
Tiree	100	60122	82038	02106	694//	00230	82918	84825	
Aldergrove	917	33510	70018	01404	39400	01222	82918		
Malin	980	70130	62898	03007	794//	02232	87918		
Belmullet	976	70116	80808	06006	794/3	03325	82717	86920	
Birr	965	32908	82038	04603	28502	01226	81821		
Dublin	969	12808	82020	01703	15600	01213	81630		
Shannon	962	12807	83018	05602	19500	01224	81920		
Roches Point	952	13217	78028	05104	19403	02333	81918		
Valentia	953	70212	75258	07707	795//	02234	87922		

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	19061	000	RRrrr$_o$r$_o$	r$_o$r$_o$
Hurn	862	18071	000	r$_o$r$_o$Rrr	Rrrr$_o$r$_o$
Thorney Island	871	20082	000	Rrrr$_o$	rrr$_o$Rdr
Manston	797	15081		rrRRr$_o$r$_o$	rrr$_o$r$_o$i r$_o$
Gatwick	776	22082	000	r$_o$r$_o$r	rrr$_o$Rrs
Kew	775	27082	000	r$_o$rRr$_o$r$_o$rR	rRrRR
Heathrow	772	25082	000	d$_o$r$_o$Rrr$_o$	r$_o$RRrr
Honington	586	21002		d$_o$-d$_o$r$_o$r-rr	rrRr
Wattisham	590	18072	000	ir$_o$r$_o$r$_o$rr	r$_o$r$_o$rrRR
Gorleston	497	12092	000	ir$_o$rr	RrrR
Aberporth	502	02071	001	rrr$_o$r$_o$pr$_o$ph$_o$r$_o$	ph$_o$r$_o$pr$_o$
Ross-on-Wye	627	03051	000	r$_o$r$_o$-rr$_o$r$_o$	+
Filton	628	02061	000	r$_o$rr$_o$r$_o$	r$_o$
Rhoose	715	06061	000	r$_o$rrrr$_o$	+
Chivenor	707	08071	000	pr$_o$r$_o$rrphr	+
Mount Batten	827	03071	007	pr$_o$rr$_o$r$_o$	ir$_o$pr
St. Mawgan	817	11081	020	pr$_o$RRph$_o$r$_o$	phrl
Scilly	804	01091	066	pr	pr
Culdrose	809	02091	035	ph$_o$pr$_o$	+
Guernsey	894	04091	006	phrprpr$_o$	prlpr$_o$
Elmdon	534	97051	000	+	ir$_o$
Cardington	559	08072	000	id$_o$ir$_o$r$_o$r$_o$r	r$_o$r$_o$rr
Wittering	462	01051	000	r$_o$	r$_o$r$_o$r
Watnall	354	00041	000	+	+
Shawbury	414	00051	001	ff	+
Finningley	360	97041	000	r$_o$	+
Kilnsea	396	94081	000	f	pr$_o$ir$_o$pr$_o$
Leeming	257	00053	014	+	+
Tynemouth	262	00051	030	+	+
Carlisle	222	91021	009	ffFF	FFff
Valley	302	97091	050	pr$_o$	+
Ringway	334	00071	002	f	+
Squires Gate	318	00061	034	+	+
Ronaldsway	204	92071	062	pr$_o$	pr$_o$ph$_o$r$_o$
Mull of Galloway	131	00061			
Eskdalemuir	162	00031	055	+	+
Prestwick	135	00061	035	fFF	+
Abbotsinch	140	00073	048	+	+
Leuchars	171	00051	075	+	+
Dyce	091	02061	054	+	pr$_o$
Lerwick	005	96042	016	ph$_o$r$_o$pr$_o$	pr$_o$
Wick	075	95061	018	pr$_o$	pr$_o$
Sule Skerry	010	95061			
Cape Wrath	049	03061	013	pr$_o$	pr$_o$
Stornoway	026	01060	038	+	ph$_o$pr$_o$
Benbecula	022	01071	045	pr$_o$ph$_o$r$_o$	ph$_o$r$_o$phpr$_o$s$_o$
Tiree	100	92081	048	pr$_o$	pr$_o$
Aldergrove	917	01072	071	jf	pr$_o$pr$_o$s$_o$
Malin	980	0208	035		
Belmullet	976	0408	018		
Birr	965	9707	073		
Dublin	969	9706	072		
Shannon	962	9708	049		
Roches Point	952	9708	063		
Valentia	953	0408	027		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 12h.

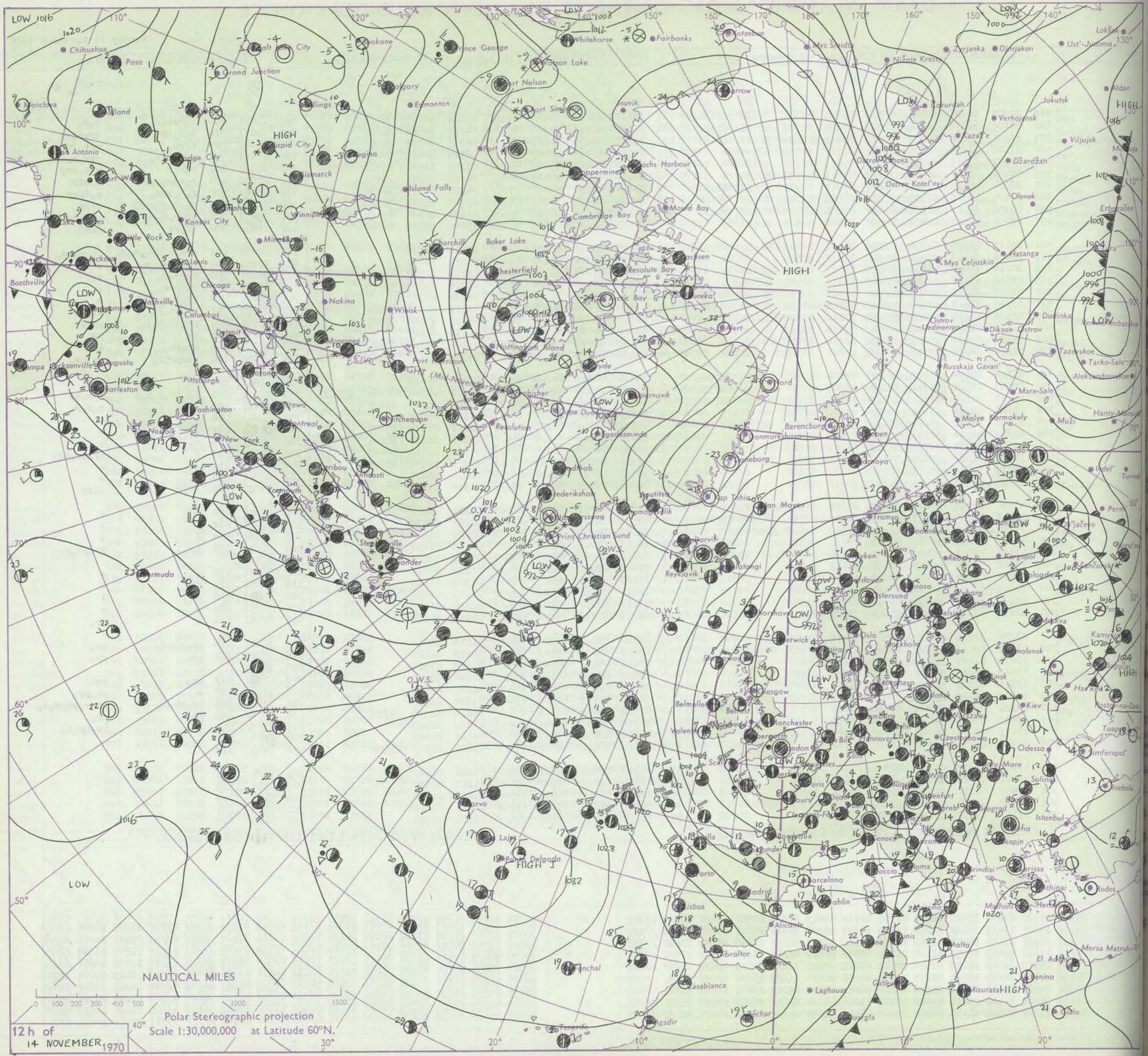
O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99619	70329	14124	81316	97027	05002	5742/	00732	85718	/////	05851	10664	30202	99603
B	99565	70510	14124	73635	98022	12300	75400	00243	87615	/////	0//54	10440	30708	/////
C	99527	70355	14123	92124	92476	07809	9////	00302	89/03	/////	0//10	10985	30602	/////
D	99440	70410	14123	82027	97052	21717	16377	00803	81709	882//	0//16	11605	30506	/////
E	99350	70490	14124	32208	98022	20222	28402	22215	82815	/////	0//19	12122	30000	12603
I	99590	70190	14124	20107	98020	10807	22501	00216	82820	/////	0//00	10919	30101	05705
J	99526	70201	14124	73013	99031	16608	14536	00312	81625	84363	05602	11198	30806	34904
K	99456	70169	14124	73133	96808	23213	78501	71214	86620	/////	0//09	11620	31216	/////
M	99657	10017	14124	40517	98158	96304	39461	00311	81815	81920	05601	10701	30402	03803

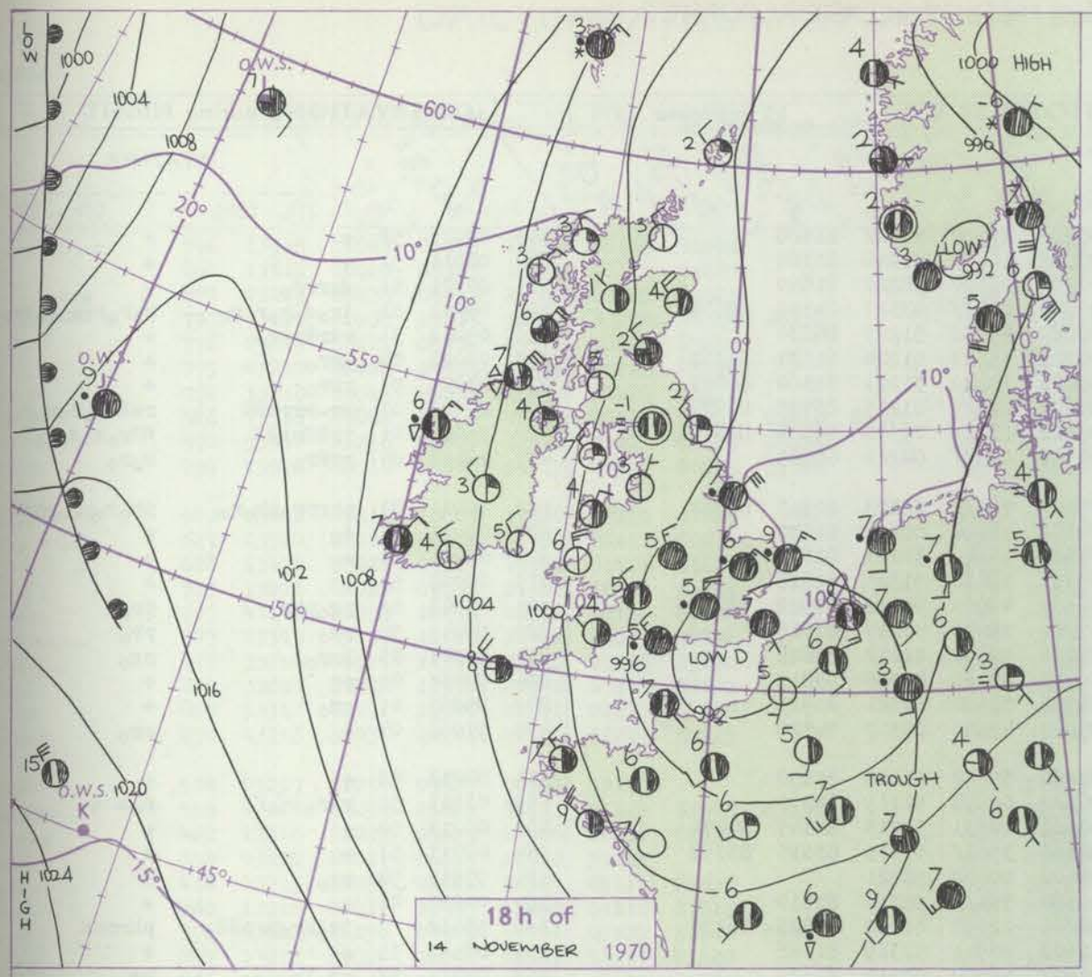
OCEAN WEATHER STATION REPORTS at 18h.

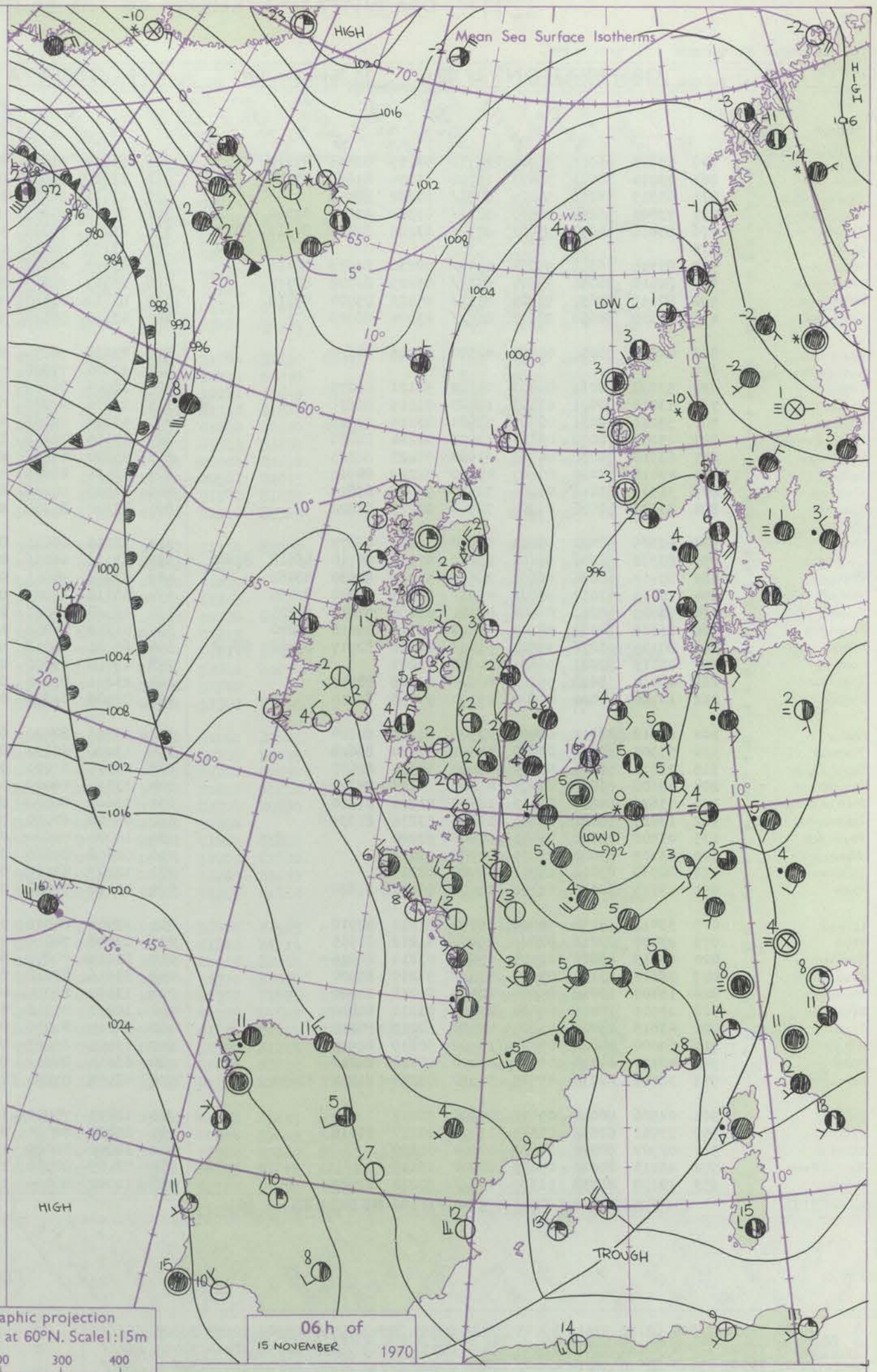
O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99619	70330	14184	81232	96637	93003	7742/	00779	87713	/////	05402	10567	30408	/////
B	99563	70505	14184	73132	98268	16100	72400	00221	87114	/////	0//61	10444	30708	/////
C	99527	70355	14183	92315	94434	05410	9/0//	00614	89/04	/////	0//10	10900	30604	/////
D	99440	70409	14183	82026	96815	18617	7847/	00614	86815	/////	0//17	11665	30607	/////
E	99349	70480	14184	61704	98030	20221	38432	22802	81815	83635	0//18	12119	30000	13503
I	99590	70188	14184	61008	98151	10606	14506	00802	81820	86272	0//02	10925	30201	99/05
J	99525	70200	14184	82108	97606	13809	6542/	00716	81714	86620	05505	11204	30501	35005
K	99458	70172	14184	73131	98038	23214	785//	71400	82820	86650	0//08	11608	31217	/////
M	99657	10017	14184	60622	97272	99002	69440	00314	86915	/////	05901	10716	30402	03803

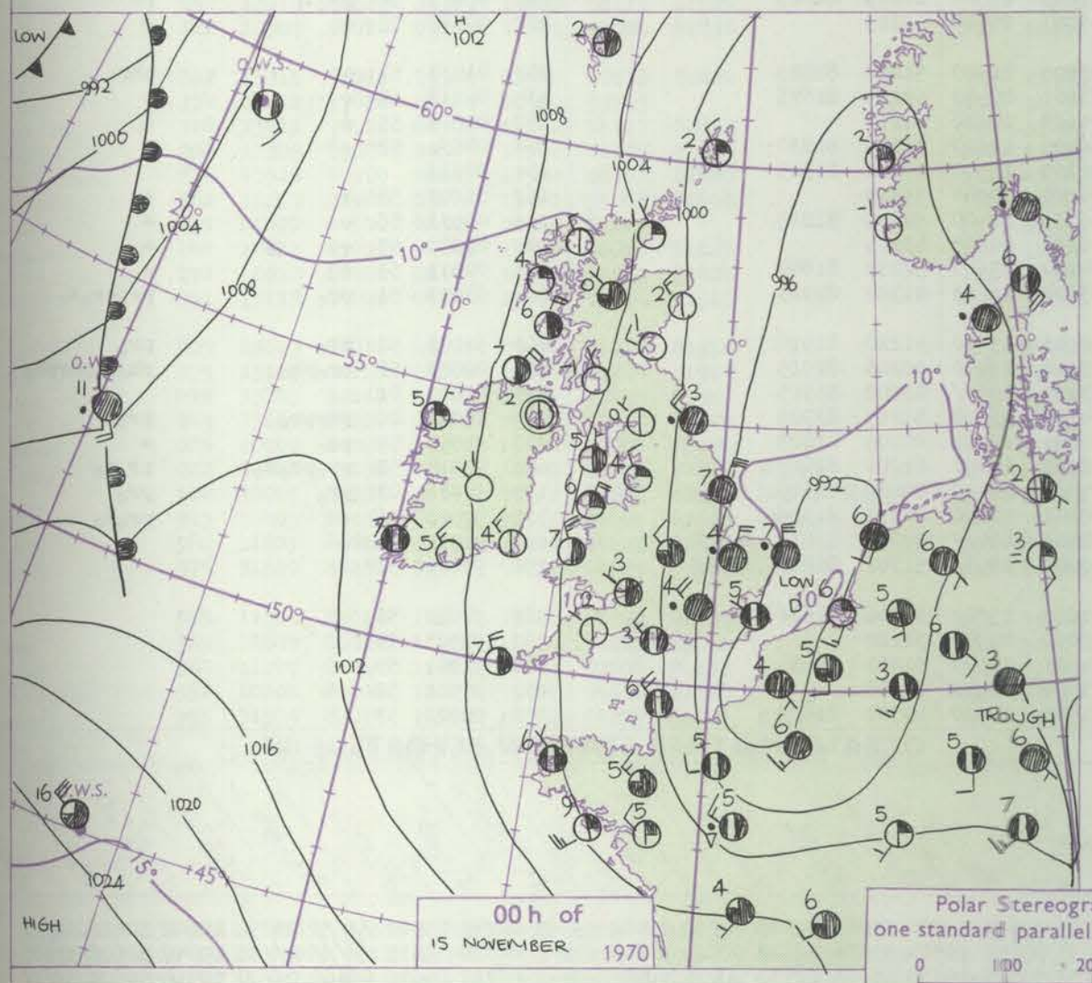
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 15 November 1970

The complex low which was over Great Britain yesterday has now moved to the North Sea, the most important centre having moved from its position over North Devon yesterday morning to southern Belgium. The complex low will continue to move away east and the northerly airstream which set in behind it will weaken and winds will become variable for a time as the ridge of high pressure over Ireland also moves east. A depression near southeast Greenland has deepened rapidly overnight and will move slowly east. The associated occluding fronts will move east over western parts of Britain tonight with a probable secondary low moving southeast across Northern Ireland to northwest England.

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

Code FM 11.D

OBSERVATIONS at 00h. 15 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73515	66026	98902	25738	52225	82656	87272	
Hurn	862	73214	70016	99403	15708	51234	81656	87270	
Thorney Island	871	83317	56216	96804	8091/	02232	88458		
Manston	797	73003	66212	90505	3857/	05302	82820	87360	
Gatwick	776	83416	45637	95003	873//	03226	82707	84710	88716
Kew	775								
Heathrow	772	83318	56616	95704	5542/	02230	85615	88459	
Honington	586	80118	28656	93804	873//	03225	82708	88712	
Wattisham	590	80119	40637	92904	873//	04122	85707	88710	
Gorleston	497	83630	58656	90507	855//	05304	88628		
Aberporth	502	43527	83258	02007	42500	01116	84820		
Ross-on-Wye	627								
Filton	628	53204	66012	00403	00902	52121	85075		
Rhoose	715	13010	80021	01003	18400	01115	81818		
Chivenor	707	53218	82031	02607	52500	03115	85825		
Mount Batten	827	13207	78028	03404	12503	02224	81820		
St. Mawgan	817	63318	74038	04707	62500	00223	86825		
Scilly	804	43418	74020	07107	49400	02229	84915		
Culdrose	809	33515	81018	05106	32500	50028	83820		
Guernsey	894	33323	80028	01006	32500	02228	83820		
Elmdon	534	63309	60022	99201	00908	53216	86272		
Cardington	559	83212	58606	96404	854//	01222	84714	86618	88640
Wittering	462	83417	66026	96603	2561/	51219	82630	88462	
Watnall	354	73413	61012	98802	4561/	52315	84640	85460	
Shawbury	414	53009	58251	00402	48401	01108	81815	84625	
Finningley	360	83316	74032	98102	5570/	51110	85656	88270	
Kilnsea	396	80135	63278	95507	5342/	02306	82917	85828	88460
Leeming	257	03313	82021	99601	00900	55007			
Tynemouth	262	33220	58628	99103	8062/	02208	88540		
Carlisle	222	13102	62024	01800	15700	51215	81650		
Valley	302	23618	82011	02406	22500	01219	82820		
Ringway	334	53305	50041	00450	55501	52210	85628		
Squires Gate	318	23511	56041	01004	25600	50314	82640		
Ronaldsway	204	43606	86031	03405	42500	00226	84827		
Mull of Galloway	131	13620	84020	03003	12500	01221	81820		
Eskdalemuir	162	13415	66021	01601	15600	53216	81635		
Prestwick	135	03506	72020	04051	00900	53220			
Abbotsinch	140	03109	84020	03801	00900	52219			
Leuchars	171	02910	83011	01701	00900	52216			
Dyce	091	13115	82018	01102	11500	00117	81820		
Lerwick	005	33412	59158	98802	39400	51212	82910		
Wick	075	23407	80018	02001	29400	51212	81915		
Sule Skerry	010	63613	66888	02405	694//	03214	86915		
Cape Wrath	049	53611	83158	03305	535//	51210	85920		
Stornoway	026	13409	82018	05901	12500	00211	81820		
Benbecula	022	23511	85018	07104	22500	01211	82820		
Tiree	100	43618	85028	05906	42400	50213	84818		
Aldergrove	917	10000	75028	05702	19500	50219	81922		
Malin	980	40120	84021	06907	43400	00118	84918		
Belmullet	976	30107	84038	09805	38530	01215	81822	83638	
Birr	965	02906	80010	09101	00900	50219			
Dublin	969	13011	82030	06301	11400	50217	81818		
Shannon	962	02907	80020	10003	00900	01220			
Roches Point	952	03213	80020	09105	00900	03219			
Valentia	953	70108	80038	11107	735//	02222	87922		

OBSERVATIONS at 06h. 15 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	13312	66021	03302	15500	51222	81628		
862	12909	80011	03502	10930	01218	81360		
871	13111	74021	01503	15700	50220	81650		
797	83223	69215	95804	854//	03327	84710	88614	
776	63214	75016	00002	45642	51225	84630		
775	53109	80016	00202	15631	51224	81634	83362	
772	63215	66016	00002	10932	51222	81360	86075	
586	83317	58217	97402	663/7	01215	86707	88270	
590	83319	26587	96902	6722/	02318	86705	88550	
497	83517	57616	94906	855//	04221	88625		
502	73618	58878	06404	794//	02223	81913	87822	
627	12304	77020	04302	15600	00220	81630		
628	12705	80011	04402	15640	51223	81632		
715	12906	80020	05701	18430	51325	81818		
707	43212	82258	06607	49500	04222	82922	83825	
827	13305	74258	07005	18400	03217	81818		
817	53320	74258	08206	52500	01218	85828		
804	33414	83020	10708	32400	01216	83817		
809	33513	80028	08706	33400	00321	81918		
894	43320	81030	05007	42500	03317	84820		
534	53216	60011	02602	55700	51218	85650		
559	53112	66016	00302	00908	51119	85270		
462	43216	74011	00002	10931	50213	81365	84072	
354	63312	66031	02103	3563/	51315	83635	85358	
414	03308	74021	04402	00900	50221			
360	73318	74032	01104	754//	50214	87619		
396	63221	66018	98802	22548	01213	82825	86275	
257	13414	85020	02602	10941	52319	81362		
262	23221	81028	01803	25500	00219	82625		
222	02903	66020	05051	00900	53215			
302	23516	82020	05905	22500	51218	82825		
334	13208	65031	03801	00902	52219	81075		
318	03314	62021	04603	00900	51217			
204	13310	86020	06405	12600	51216	81830		
131	13614	84020	06203	11500	00222	81825		
162	03316	64020	04800	00900	55314			
135	10000	70020	06753	12400	54215	81818		
140	02608	89020	06351	00900	53213			
171	12707	83030	04202	15600	52212	81640		
091	43118	75838	03002	49403	01307	84915		
005	13408	80018	00401	13400	51210	81910		
075	23306	74018	03501	29400	00206	82915		
010	63219	70878	03705	695//	03202	86915		
049	33616	83018	04905	33500	51205	83920		
026	13107	82020	06801	12560	00205	81825		
022	10211	87018	08202	19400	01206	81918		
100	20215	86028	07404	28400	00207	81816		
917	13105	65268	08401	12400	00212	81818		
980	63413	84011	08407	684//	50207	83818	84640	
976	43105	87021	10404	3853/	51301	81822	83645	
965	12203	75030	11252	15600	53306	81632		
969	02808	82020	09000	00900	51110			
962	10000	80020	11401	15600	51303	81635		
952	03109	80020	11504	00900	01108			
953	11002	80020	11901	11500	00501	81822		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	00011	53	+	+
862	00011	51	+	+
871	03021	51	$drrrr_o$	+
797	09041	03	$1r_od_or_or_or_o$	$r_or_or_or_or_or_o$
776	09012	51	$rsrRrrr_o$	+
775	06021	00	Rrr_o	+
772	03021	51	rrr_o	+
586	20021	01	Rr-rrrsRS	$rsRSr_os_or_or$
590	26022	01	rrRRrsRS	$RSr_os_od_or_o$
497	28052	04	$rrRr_o$	r_or_o
502	10031	01	$phrpr_oph_or_o$	$ph_or_opr_ophr$
627	00011	53	+	+
628	00021	51	+	+
715	00001	53	+	+
707	03041	01	pr_ophr	pr_o
827	96041	50	pr_o	pr_o
817	91041	03	$1pr_o$	pr_o
804	92051	03	pr	+
809	95051	01	pr_o	+
894	97060	04	+	pr_o
534	00013	52	+	+
559	01011	51	$r_or_o-r_or$	~~r_or~~ +
462	00011	50	+	+
354	00011	53	+	+
414	97513	54	pr_o	+
360	00021	01	+	+
396	95012		$1r_opr_oprpHR$	phrpHR
257	00513	55	+	+
262	02011	52	pr_o1r	pr
222	00523	57	+	+
302	01031	51	+	phr
334	00513	54	+	+
318	00511	55	+	+
204	00031	52	+	+
131	00031			
162	00503	53	+	+
135	00533	58	+	+
140	00533	57	+	+
171	00513	55	+	+
091	01013	51	pr_o	$pr_opr_os_o$
005	91003	52	pr_o	pr_o
075	02003	53	pr_oph_o	$ph_or_ophrph_o$
010	02022	01		
049	95021	00	$phrpr_o$	pr_o
026	94513	57	ps_o	+
022	92014	53	$pr_opr_os_o$	pr_os_o
100	97031	03	pr_o	pr_o
917	97523	56	+	pr_os_o
980	91011	01		
976	97021	52		
965	97533	56		
969	97503	53		
962	97511	55		
952	97521	52		
953	95503	53		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70332	15004	82126	97616	79003	7742/	00765	87712	/////	05701	10673	30608	/////
B	99564	70510	15004	83130	97878	20500	834//	00113	88915	/////	0//56	10441	30707	/////
C	99527	70355	15003	82918	98214	07007	864//	00320	88712	/////	0//07	10918	30604	/////
D	99440	70407	15003	82118	97022	18317	854//	00314	88618	/////	0//16	11755	30606	/////
E	99350	70480	15003	71310	98021	20921	34432	00108	83615	84362	0//20	12190	30000	12703
I	99590	70189	15004	71416	97028	07207	12508	00822	81823	87270	0//03	10910	30303	99/05
J	99526	70199	15004	81522	97606	07710	854//	00839	84711	88620	05309	11195	30502	02005
K	99452	70163	15004	63031	97022	23615	78500	71805	81820	87650	0//10	11606	31312	/////
M	99656	10016	15004	50718	97271	01102	59500	11214	83920	/////	05901	10729	30503	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70330	15064	71828	97268	71002	59563	00749	85922	/////	05852	10602	30610	/////
B	99565	70514	15064	82822	98028	20800	844//	00000	88615	/////	0//56	10440	30605	31507
C	99527	70355	15063	82730	98026	10805	4541/	00220	84615	88460	0//00	10918	30604	/////
D	99440	70410	15063	82119	98032	18016	8732/	00803	84709	86530	0//16	11729	30604	/////
E	99350	70483	15064	81710	98808	19821	884//	00604	83815	88630	0//20	12222	30502	12703
I	99592	70189	15064	81734	97602	96407	4547/	00863	84715	88460	0//03	10918	30707	99/07
J	99527	70200	15064	82614	96586	02111	873//	00620	86706	88709	05012	11208	30501	31004
K	99452	70165	15064	82730	97028	20515	885//	00716	83820	88650	0//12	11616	30000	31312
M	99660	10021	15064	70418	97028	02304	69440	11104	82815	85630	05600	10712	30604	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39806 — Date of Issue: Monday 16 November 1970

Code FM 11.D — OBSERVATIONS at 12h. — 15 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	13518	74020	07706	18500	51119	81820		
Hurn	862	13318	80020	08307	18500	50121	81825		
Thorney Island	871	23216	80030	06906	28500	01220	81825		
Manston	797	73121	81037	02205	56338	03226	84709	85272	
Gatwick	776	73215	66021	05704	754//	00226	87619		
Kew	775	43210	66021	05605	485//	00223	83820		
Heathrow	772	33218	68011	06005	2843/	00225	81816		
Honington	586	73316	59802	03005	4237/	03226	82708	83810	86360
Wattisham	590	53318	61256	02504	28332	03225	82809	85075	
Gorleston	497	73518	60016	00408	5357/	02227	85925	87358	
Aberporth	502	13412	89018	10007	12500	03110	81825		
Ross-on-Wye	627	23510	82020	08406	21600	00112	82830		
Filton	628	13408	83020	09007	11500	51118	81825		
Rhoose	715	13211	82020	09607	11500	50107	81825		
Chivenor	707	43112	82038	10808	48500	03114	83826		
Mount Batten	827	23315	83030	11109	22400	03113	82818		
St. Mawgan	817	33214	85021	12308	32600	00116	83830		
Scilly	804	33003	81020	13910	22541	03112	82822		
Culdrose	809	53312	82031	12909	42501	02224	84822		
Guernsey	894	43218	84030	10207	42500	02223	84820		
Elmdon	534	03217	61011	07605	00900	52119			
Cardington	559	43014	61051	05805	38531	01224	82828	83635	
Wittering	462	13316	62021	05605	18500	00226	81820		
Watnall	354	03210	66011	06805	00900	51223			
Shawbury	414	23215	80030	08606	28500	01115	82822		
Finningley	360	13316	80011	05907	11440	01118	81818		
Kinsea	396	53422	61258	03905	49571	03122	81820	83925	
Leeming	257	13213	89020	06806	18501	52217	81820		
Tynemouth	262	13212	81020	05305	12500	00111	81825		
Carlisle	222	12907	66020	07704	11601	50004	81830		
Valley	302	23315	82018	09508	22500	02110	82824		
Ringway	334	03211	57020	08104	00900	52117			
Squires Gate	318	13411	70020	08506	11500	05111	81820		
Ronaldsway	204	13309	89020	09207	18501	01108	81825		
Mull of Galloway	131	13510	80020	08603	12500	00103	81820		
Eskdalemuir	162	13207	82020	07004	11401	55008	81818		
Prestwick	135	00000	40040	08305	00900	01003			
Abbotsinch	140	12002	65030	08206	11500	00000	81825		
Leuchars	171	12610	86020	06105	18500	51004	81820		
Dyce	091	13113	84018	04904	19400	01104	81916		
Lerwick	005	23607	82018	03103	29400	01210	81912		
Wick	075	13107	80028	05204	19400	01204	81915		
Sule Skerry	010	33205	82018	05804	39500	03209	83925		
Cape Wrath	049	33605	85020	06005	33500	52400	83920		
Stornoway	026	10000	80020	07106	19500	02704	81920		
Benbecula	022	30402	87038	08406	38400	03804	81818	83640	
Tiree	100	73005	87038	08307	784//	51802	82816	84622	86635
Aldergrove	917	72405	80031	09905	785//	01004	82820	86630	
Malin	980	31805	86018	09106	38400	04803	82818		
Belmullet	976	31610	86031	09607	28532	04809	81822		
Birr	965	11704	82011	12006	15600	02802	81632		
Dublin	969	12805	80020	11305	11500	01005	81822		
Shannon	962	11207	82014	11606	15602	02804	81630		
Roches Point	952	10000	80010	12807	15601	04400	81640		
Valentia	953	31509	83011	11509	18532	04807	81821	83070	

OBSERVATIONS at 18h. — 15 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	12904	62020	10902	15500	51214	81625		
Hurn	862	10000	56050	11301	11500	50217	81825		
Thorney Island	871	02505	74010	11104	00900	00223			
Manston	797	53219	74012	07805	52500	01229	85820		
Gatwick	776	12703	58021	10101	00901	52224	81080		
Kew	775	02703	59020	09703	00900	52221			
Heathrow	772	02808	60021	09504	00900	51222			
Honington	586	12911	59028	07802	15600	50225	81645		
Wattisham	590	13213	59030	07703	00901	01227	81075		
Gorleston	497	63016	60258	05905	63500	03222	86925		
Aberporth	502	52306	82031	10704	25601	51204	82630	84072	
Ross-on-Wye	627	12205	81020	10603	00901	52114	81075		
Filton	628	12703	80010	10804	14600	52211	81645		
Rhoose	715	20000	84020	11303	11501	51312	81828		
Chivenor	707	40000	82038	11804	25631	01208	82630	83360	
Mount Batten	827	32705	58040	12507	35601	03309	83635		
St. Mawgan	817	32604	82021	12706	15604	00004	81632		
Scilly	804	10000	83020	12907	00902	02501	81075		
Culdrose	809	20000	81011	12804	28500	01502	81822		
Guernsey	894	23206	84020	12506	21500	01312	82825		
Elmdon	534	12803	30040	10101	00901	52114	81075		
Cardington	559	02806	48050	09501	00900	51219			
Wittering	462	03008	56040	09002	00900	51219			
Watnall	354	03005	28040	09501	00900	51213			
Shawbury	414	12506	83010	10051	15530	52208	81628		
Finningley	360	02804	50040	08502	00900	51215			
Kinsea	396	13214	66028	07502	19500	51217	81920		
Leeming	257	12003	74010	08401	00901	53211	81070		
Tynemouth	262	02810	61020	07103	00900	51210			
Carlisle	222	10000	58020	08402	00901	51303	81075		
Valley	302	42508	82011	09704	38502	01002	82825		
Ringway	334	12704	40040	09403	00901	52208	81075		
Squires Gate	318	33402	40040	09101	24601	51204	81630		
Ronaldsway	204	53202	80031	08803	18602	50601	81830	85075	
Mull of Galloway	131	43210	80018	08105	42600	03704	84830		
Eskdalemuir	162	00000	80010	08351	00900	54304			
Prestwick	135	31303	58110	07650	28641	51805	81830		
Abbotsinch	140	10000	40040	07650	15601	52703	81630		
Leuchars	171	12305	84020	06700	00902	53203	81070		
Dyce	091	12708	84020	05901	12400	51304	81818		
Lerwick	005	13202	82010	03302	19400	51002	81915		
Wick	075	12505	82158	05100	12400	51803	81815		
Sule Skerry	010	30000	82011	04404	38500	01710	82820	83625	
Cape Wrath	049	31804	85010	04403	33500	51710	83920		
Stornoway	026	50000	80031	03600	12501	00722	81825	85075	
Benbecula	022	81507	87031	03403	4562/	00729	84647	88464	
Tiree	100	81713	84031	04107	5547/	01825	81618	84628	88465
Aldergrove	917	71708	74021	07802	16476	50709	81715	87275	
Malin	980	81712	86038	05104	3567/	02826	83630	88464	
Belmullet	976	81821	82216	02308	6547/	05741	82717	84623	87458
Birr	965	71607	80031	07803	25602	51823	82637	87072	
Dublin	969	52105	60051	09004	15602	00814	81645	84070	
Shannon	962	71411	86021	07106	25738	02722	82650	83358	87275
Roches Point	952	61817	80031	09008	634/1	04719	81818	86638	
Valentia	953	81713	81031	06609	855//	05723	83721	88640	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00063	083	+	+
Hurn	862	00071	084	+	+
Thorney Island	871	00071	080	+	+
Manston	797	91071		r_or_o	+
Gatwick	776	00063	048	+	+
Kew	775	00061	048	+	+
Heathrow	772	00071	056	+	+
Honington	586	91051		pr_o	+
Wattisham	590	91052	032	pr_o	+
Gorleston	497	02082	013	r_opr	pr
Aberporth	502	91071	042	pr_o	+
Ross-on-Wye	627	00073	082	+	+
Filton	628	00080	082	+	+
Rhoose	715	00081	078	+	+
Chivenor	707	97091	040	pr_o	+
Mount Batten	827	00091	072	+	+
St. Mawgan	817	00091	078	+	+
Scilly	804	00121	082	+	+
Culdrose	809	00090	082	+	+
Guernsey	894	00091	065	+	+
Elmdon	534	00063	069	+	+
Cardington	559	00063	038	+	+
Wittering	462	00060	073	+	+
Watnall	354	00063	061	+	+
Shawbury	414	00073	075	+	+
Finningley	360	00071	068	+	+
Kinsea	396	02060	037	pr_opRpr	pr
Leeming	257	00061	076	+	+
Tynemouth	262	00051	072	+	+
Carlisle	222	00063	077	+	+
Valley	302	91091	050	phr	+
Ringway	334	00051	076	+	+
Squires Gate	318	00071	077	+	+
Ronaldsway	204	00081	067	+	+
Mull of Galloway	131	91091			
Eskdalemuir	162	00051	077	+	+
Prestwick	135	00073	066	+	+
Abbotsinch	140	00063	069	+	+
Leuchars	171	00063	075	+	+
Dyce	091	95043	064	pr_os_o	+
Lerwick	005	00043	059	+	+
Wick	075	97054	057	pr_o	pr_o
Sule Skerry	010	02060			
Cape Wrath	049	00061	028	+	+
Stornoway	026	00061	052	+	+
Benbecula	022	00071	038	jp	+
Tiree	100	94071	022	ph_o	ir_oir
Aldergrove	917	00071	045	jp	+
Malin	980	0109	016		
Belmullet	976	9709	041		
Birr	965	9708	068		
Dublin	969	9707	072		
Shannon	962	9709	064		
Roches Point	952	9710	075		
Valentia	953	9710	035		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 12h.

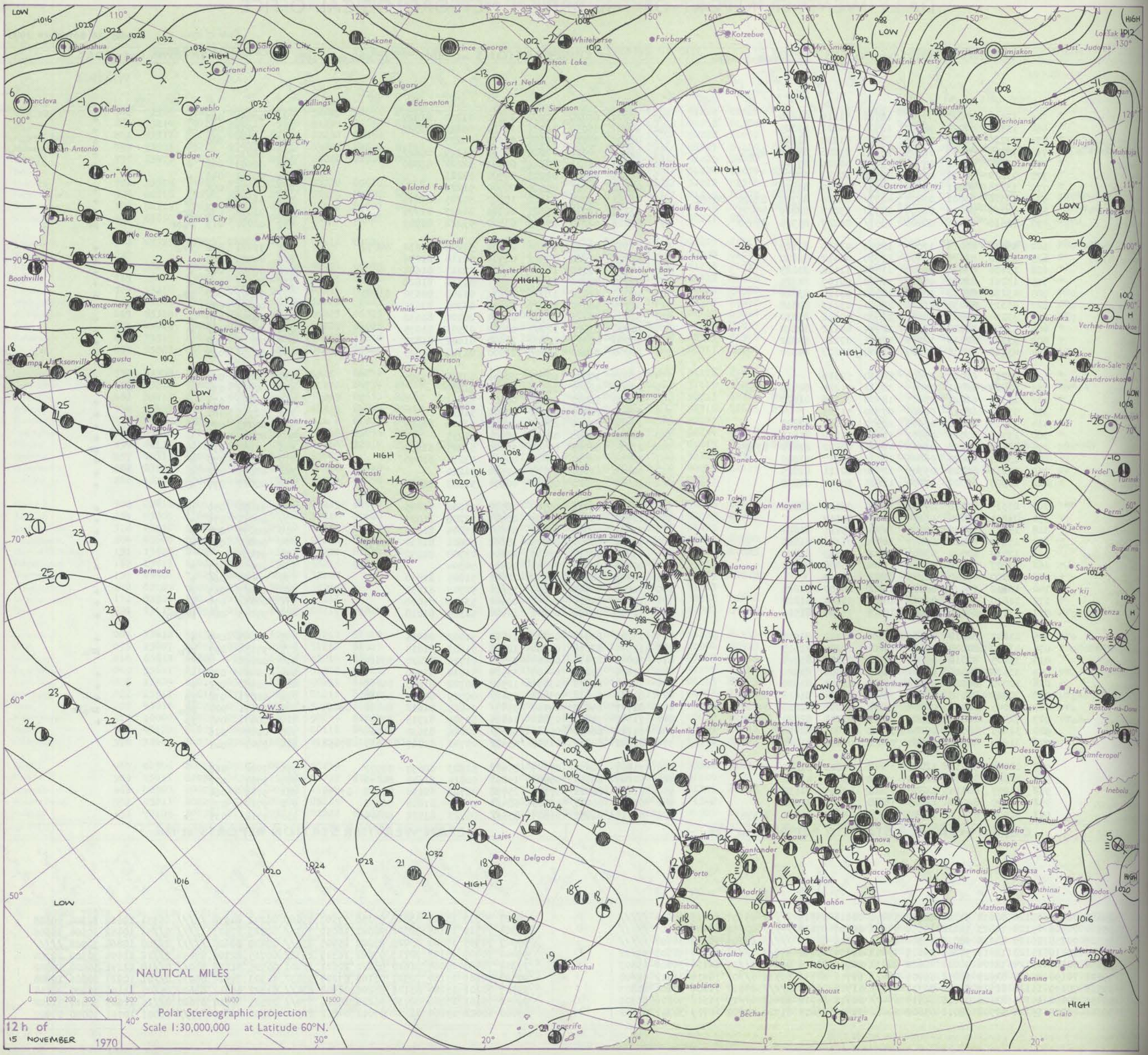
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70331	15124	70632	97268	68502	59470	00315	85915	/////	05701	10616	30610	/////
B	99562	70506	15124	72823	98022	19550	754//	00707	87616	/////	0//52	10442	30505	/////
C	99527	70355	15123	83126	98022	15304	85500	00219	88620	/////	0//03	10872	30707	/////
D	99441	70410	15123	72413	97102	19017	35402	00107	83610	870//	0//16	11667	30503	99/02
E	99350	70481	15124	72106	98018	20620	58432	00305	81815	85640	0//17	12176	30000	13603
I	99592	70190	15124	82927	96256	86707	4742/	61741	84715	88530	0//07	10914	31012	99/08
J	99528	70199	15124	82517	97206	02711	873//	51308	88706	/////	05012	11209	30604	20803
K	99451	70162	15124	82626	96618	19515	6747/	00710	86718	88460	0//13	11618	30806	31306
M	99661	10024	15124	30508	98011	03802	29400	00302	81815	81920	05900	10729	30301	03802

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70333	15184	53618	97158	77503	49660	00243	84938	/////	05551	10617	30304	99608
B	99564	70510	15184	72522	98022	16050	755//	00723	87623	/////	0//53	10452	30504	36606
C	99527	70355	15183	83025	97022	15005	855//	00400	88620	/////	0//00	10864	30708	/////
D	99440	70409	15183	72113	97022	16517	2632/	00715	82709	87458	0//16	11654	30302	22704
E	99350	70480	15184	51610	98022	20621	11401	00505	81818	850//	0//18	12171	30000	12602
I	99593	70189	15184	72327	96168	87204	59432	41303	84916	86070	0//01	10924	30606	19808
J	99527	70201	15184	83126	95206	02908	884//	61322	85812	88620	05607	11198	30805	26104
K	99451	70161	15184	82732	96216	16216	874//	00503	82710	87620	0//15	11605	30810	31402
M	99660	10022	15184	21102	97011	04202	22540	00306	82820	/////	06001	10711	30000	07902

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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HIGH
Whitehorse
Fairbanks
Kotzebue
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Calgary
Edmonton
Spokane
Billings
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Bismarck
Grand Junction
Pueblo
Midland
Dodge City
Kansas City
Omaha
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Washington
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Norfolk
Charleston
Jacksonville
Tampa
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San Antonio
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El Paso
Inuvik
Barrow
Coppermine
Cambridge Bay
Churchill
Winisk
Moosonee
Nottingham Island
Clyde
Resolute Bay
Arctic Bay
Eureka
Alert
Isachsen
Beechey Island
Chesterfield
Coral Harbour
Baker Lake
Fort Severn
Sachs Harbour
Moulton Bay
Ostrov Kotel'nyj
Ostrov Zohova
Nižnie Kresty
Verhojansk
Džardžan
Jakutsk
Ust'-Judoma
Tyrinka
Ojmjakon
Oktjurdah
Ostrov Čeljuskin
Tiksi
Tiksi Gavan
Rudinka
Hatanga
Ostrov
Verhne-Imbatskoe
Aleksandrovskoe
Mare-Sale
Muži
Harty-Mansijsk
Ivdel'
Turinsk
Perm'
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Karpogol
Vologda
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Kor'kij
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Bogučar
Har'kov
Rostov-na-Donu
Simferopol'
Inebolu
Istanbul
Odessa
Sulina
Constanza
Sofia
Skopje
Athinai
Kodos
Mathonia
Heraklion
Malta
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Gialo
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Lake Winnipeg
Lake of the Woods
Rainy Lake
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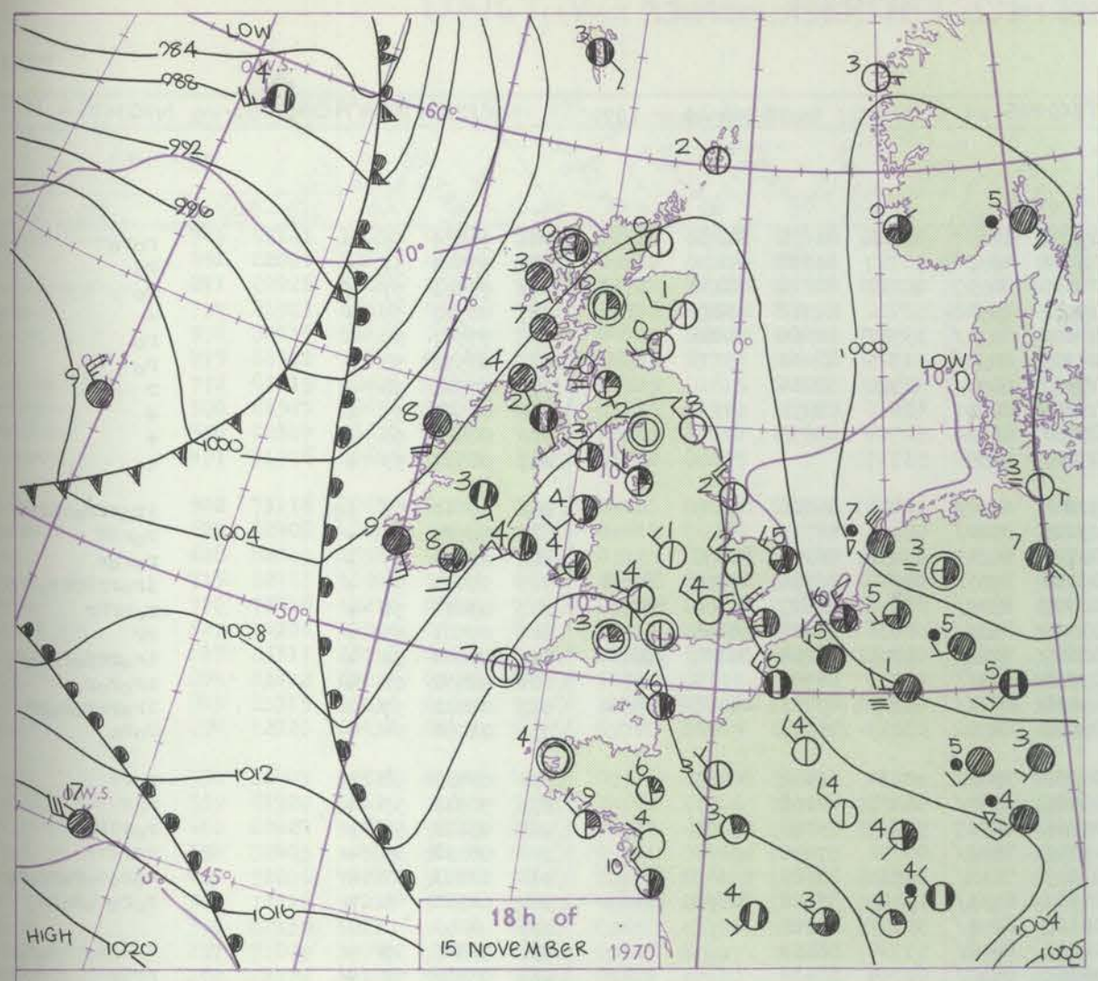
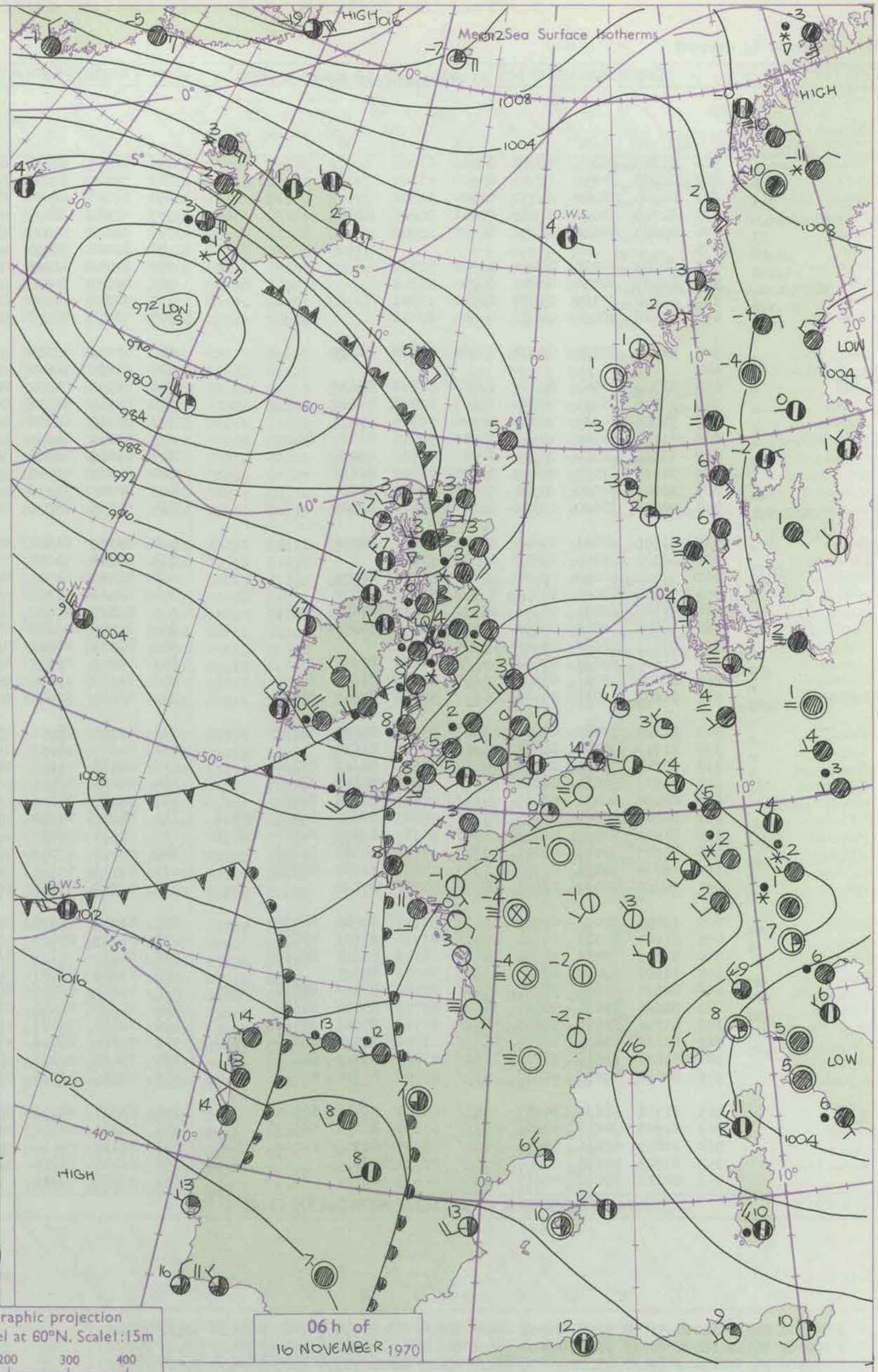
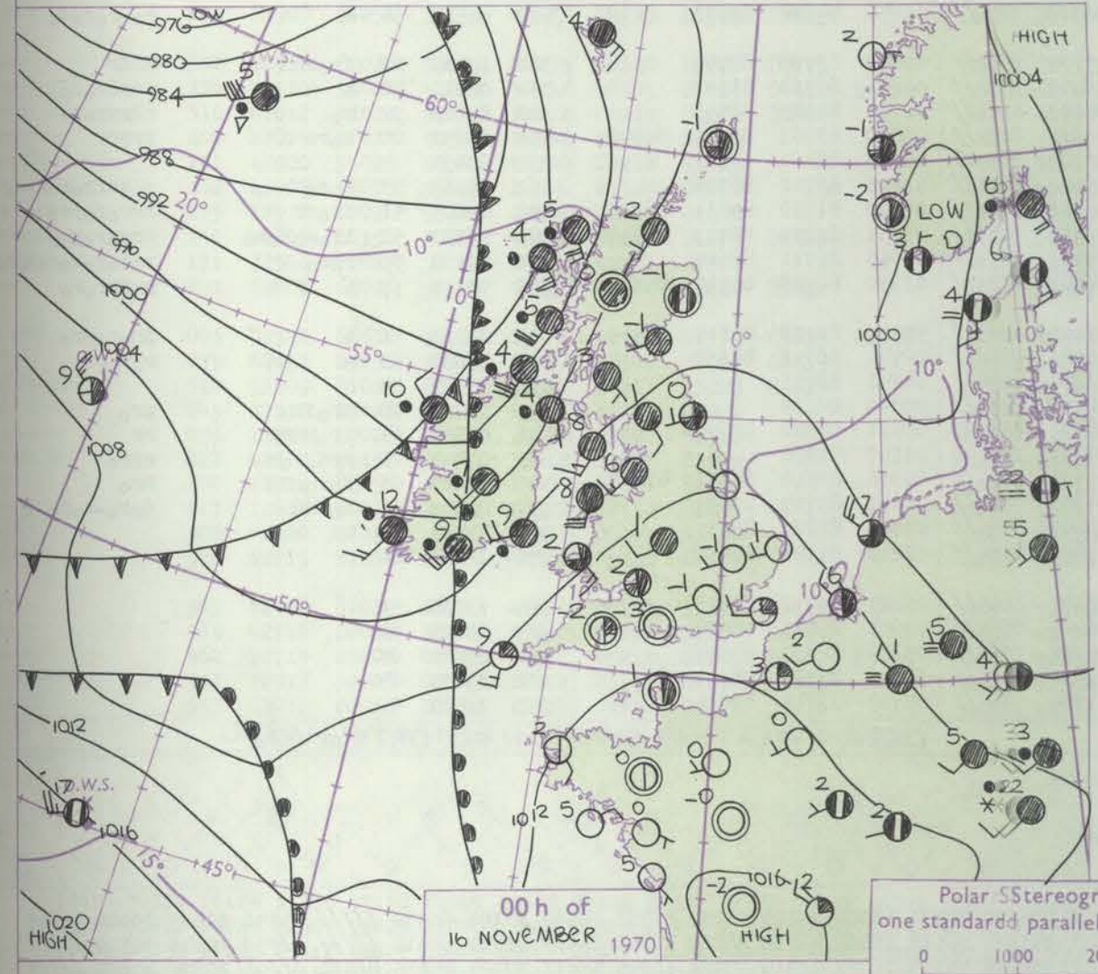
Lake Couchiching
Lake Muskoka
Lake Rosseau
Lake Joseph
Lake of Bays
Lake Temagami
Lake Timiskaming
Lake Abitibi
Lake Kesagami
Lake Attawapiskat
Lake Winisk
Lake Severn
Lake Deception
Lake Mistassini
Lake Albanel
Lake Waconichi
Lake St. John
Lake Kenogami
Lake Chibougamau
Lake Evans
Lake Matagami
Lake Abitibi
Lake Timiskaming
Lake Temiscamingue







Polar Stereographic projection
one standardd parallel at 60°N. Scale 1:15m
0 1000 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 16 November 1970

The complex area of low pressure over the eastern North Sea has continuedd to fill slowly. A ridge of high pressure has moved eastwards across the Britishh Isles to be followed by troughs of low pressure associated with a deep depressionn southwest of Iceland. These troughs will clear the British Isles by midnight and during the next 24 hours the depression will move slowly eastsoutheast towards northwest Scotland.

Code FM 11.D **OBSERVATIONS at 00h.** 16 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	02207	56050	11452	00900	53706			
Hurn	862	00000	30050	11453	00900	53707			
Thorney Island	871	00000	28100	11850	00900	51802			
Manston	797	22708	58031	10501	00901	50105	82080		
Gatwick	776	02003	58020	11152	00900	53802			
Kew	775								
Heathrow	772	02302	60020	10451	00900	52803			
Honington	586	02507	32050	09251	00900	53701			
Wattisham	590	02808	37100	09652	00900	53001			
Gorleston	497	02606	58058	08401	00900	00212			
Aberporth	502	61614	82031	07202	00901	50828	86075		
Ross-on-Wye	627								
Filton	628	61805	56051	09902	656//	51810	86632		
Rhoose	715	22108	75011	09804	15601	00812	81640		
Chivenor	707	71008	74031	10002	00906	50715	87275		
Mount Batten	827	71707	50101	10900	31506	50715	83825	86275	
St. Mawgan	817	31611	82010	10304	00902	01720	83075		
Scilly	804	21815	81020	09109	25400	06726	82618		
Culdrose	809	32009	81030	10306	20931	02822	82360		
Guernsey	894	20000	84020	12506	21500	01805	82825		
Elmdon	534	82309	60021	09801	00907	53707	88272		
Cardington	559	02306	28100	09953	00900	53806			
Wittering	462	42507	40040	09500	00904	52502	84075		
Watnall	354	42404	23040	09351	00902	52706	84070		
Shawbury	414	51702	62031	08651	25532	53711	82625	84075	
Finningley	360	82002	28041	08251	00907	52506	88275		
Kilnsea	396	03010	58020	08901	00900	51801			
Leeming	257	71604	66031	07451	756//	54809	87632		
Tynemouth	262	62504	48051	06500	15606	52804	81630	86275	
Carlisle	222	81608	66031	05501	35637	52719	83647	88272	
Valley	302	81829	82031	05508	55507	03727	85620	88272	
Ringway	334	11710	56041	08002	15600	53711	81630		
Squires Gate	318	82113	75021	06906	20937	01615	82362	88272	
Ronaldsway	204	81917	82022	04008	5552/	03832	85628	88462	
Mull of Galloway	131	82130	80031	01407	3462/	01845	83635	88462	
Eskdalemuir	162	80000	48051	05253	4567/	55823	84635	85362	88466
Prestwick	135	81407	63032	02803	25547	50729	82628	84360	88272
Abbotsinch	140	80307	30041	02901	40937	51730	84360	88272	
Leuchars	171	82604	68031	03351	10937	53820	81362	88272	
Dyce	091	70000	80031	02951	00906	53721	87270		
Lerwick	005	60000	82031	00951	11404	52717	81815	86070	
Wick	075	81907	80021	00502	1551/	01730	81625	88462	
Sule Skerry	010	81613	70031	98806	3141/	02739	83815	88458	
Cape Wrath	049	41808	83020	97703	45500	54746	84625		
Stornoway	026	81530	80636	94405	854//	04759	83712	85616	88625
Benbecula	022	81625	59636	92904	7742/	03759	85710	88518	
Tiree	100	81736	56656	94305	5742/	04763	85712	88556	
Aldergrove	917	81714	66636	00704	854//	01742	84712	88616	
Malin	980	81836	66616	93904	1742/	03775	81713	88540	
Belmullet	976	83011	59616	95210	3732/	09526	81706	88556	
Birr	965	81716	58636	99707	3742/	06850	83711	88540	
Dublin	969	81708	70616	02806	854//	03837	81716	88623	
Shannon	962	81809	58636	99909	4732/	08737	81708	84712	88525
Roches Point	952	81923	50616	02909	873//	09735	88709		
Valentia	953	82116	30636	00812	863//	11629	88706		

OBSERVATIONS at 06h. 16 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81909	64031	07001	15607	52724	81630	88272	
Hurn	862	72008	57031	06905	45538	53727	84620	87272	
Thorney Island	871	82213	66034	08201	22507	00723	82820	88268	
Manston	797	71908	66031	09351	20948	52712	82362	87275	
Gatwick	776	80000	50101	08652	1571/	53722	81656	88466	
Kew	775	81701	70031	07300	8091/	51725	88461		
Heathrow	772	81702	61031	07401	8091/	52726	88464		
Honington	586	81907	50051	07200	00907	52616	88275		
Wattisham	590	72008	56031	07951	00908	52714	87275		
Gorleston	497	02007	58050	07601	00900	51717			
Aberporth	502	81725	58636	97908	6732/	08752	86708	88525	
Ross-on-Wye	627	81810	60606	03205	8042/	02735	88515		
Filton	628	81908	64031	04705	60917	01732	86361	88270	
Rhoose	715	81714	62636	03706	2757/	04740	82720	83357	88458
Chivenor	707	81412	66636	02807	6547/	00742	83617	85640	88460
Mount Batten	827	81830	61636	04709	853//	08836	84709	88625	
St. Mawgan	817	81817	48636	03609	7722/	09739	84704	86707	88530
Scilly	804	82019	48606	03711	873//	09727	88709		
Culdrose	809	82324	56616	04410	862//	09733	82705	84708	88712
Guernsey	894	52019	84030	09208	00902	03819	85075		
Elmdon	534	81407	61602	04002	3542/	50834	83616	88459	
Cardington	559	81710	59051	06402	8091/	51725	88468		
Wittering	462	81911	62021	05401	60917	51727	86464	88270	
Watnall	354	82011	56601	03702	7542/	00732	87616	88460	
Shawbury	414	81809	56632	01503	7552/	02843	83620	87645	88458
Finningley	360	81709	48602	03101	6551/	50729	83622	86628	88461
Kilnsea	396	82114	66022	05103	8091/	50722	88460		
Leeming	257	81713	28687	00801	8092/	53734	88459		
Tynemouth	262	81920	58636	98902	8062/	01745	88530		
Carlisle	222	81611	62616	96104	855//	01750	84620	88633	
Valley	302	81735	28656	95509	862//	09753	87703	88709	
Ringway	334	81617	50637	00503	874//	01846	85710	88713	
Squires Gate	318	81416	50696	98103	4552/	02750	84627	88541	
Ronaldsway	204	82221	22656	93310	872//	09659	83703	85704	88708
Mull of Galloway	131	82138	74606	92109	8092/	08533	88460		
Eskdalemuir	162	81812	07737	95401	871//	51646	86702	88706	
Prestwick	135	81912	56636	92406	7542/	05647	81710	85614	88538
Abbotsinch	140	82008	60587	92405	7732/	03751	81709	86713	88459
Leuchars	171	81511	64686	94303	854//	01746	86711	88640	
Dyce	091	81712	59636	94603	873//	01739	82708	85710	88714
Lerwick	005	81615	74278	95005	6832/	50729	82708	85615	88459
Wick	075	81819	65636	91703	854//	02744	86712	88630	
Sule Skerry	010	81419	58632	92404	874//	04746	88715		
Cape Wrath	049	81803	83027	88103	855//	00749	88625		
Stornoway	026	42611	82016	88303	48500	03511	82820	83645	
Benbecula	022	22715	82026	90407	28500	01107	81820		
Tiree	100	73016	70036	91707	784//	01316	82818	84622	87630
Aldergrove	917	72705	66016	94307	753//	06501	83709	87630	
Malin	980	73022	80256	93807	785//	04308	82820	86635	
Belmullet	976	42915	81018	97807	435//	02210	81921	84635	
Birr	965	82807	66216	98307	864//	06221	85712	87633	
Dublin	969	83213	62616	96009	854//	07503	85711	88620	
Shannon	962	73011	70016	99308	755//	05122	82620	87635	
Roches Point	952	83126	69606	99010	873//	10503	85709	88717	
Valentia	953	73210	70216	01309	784//	05119	83712	83825	87635

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	92531	59	+	roro
Hurn	862	95541	59	+	ro
Thorney Island	871	97541	57	f	ro
Manston	797	00523	55	+	+
Gatwick	776	97541	58	+	ro
Kew	775	97531	58	+	ro
Heathrow	772	97521	58	+	r
Honington	586	00521	55	+	+
Wattisham	590	00532	56	+	+
Gorleston	497	00513	53	+	+
Aberporth	502	07012	52	iro	irorrroror
Ross-on-Wye	627	06521	56	+	rorRR
Filton	628	02511	55	+	roror
Rhoose	715	10001	51	+	irorrRrrro
Chivenor	707	03012	51	+	rorrRr
Mount Batten	827	07501	53	+	rr
St. Mawgan	817	05021	52	+	irorrdorodoro
Scilly	804	02072	02	+	irororo
Culdrose	809	03012	52	+	irorrroror
Guernsey	894	01051	54	+	roro
Elmdon	534	05522	58	+	rorr
Cardington	559	96531	59	+	ror
Wittering	462	03522	54	+	rorsrr
Watnall	354	06512	55	+	rrrsrs
Shawbury	414	01531	57	+	dorodororroro
Finningley	360	02521	54	+	rororosors
Kilnsea	396				
Leeming	257	01525	59	+	sodosorsdoro
Tynemouth	262	03502	53	+	rrir
Carlisle	222	94511	54	+	ro-rorodo
Valley	302	14062	02	irorr	RRdr
Ringway	334	08011	50	+	rsrRrodo
Squires Gate	318	05012	52	ro	rRrsroro
Ronaldsway	204	13051	00	rorr	Rrrdr
Mull of Galloway	131	03071			
Eskdalemuir	162	07567	57	soso	sossfrosorsdo
Prestwick	135	09001	51	irorr	rrroropro
Abbotsinch	140	06521	52	irosororo	rrdoropro
Leuchars	171	01531	56	roso	rosororosodoro
Dyce	091	04511	57	+	rrRRroro
Lerwick	005	01523	56	+	phoropro
Wick	075	03012	53	+	roror
Sule Skerry	010	03032	04		
Cape Wrath	049	02022	00	proiso	pro
Stornoway	026	08012	01	iroRRrr	rr
Benbecula	022	07041	02	rrdoror	rpro
Tiree	100	12051	03	dororRR	Rro
Aldergrove	917	09031	51	rorrR	doro-roro
Malin	980	07041	03		
Belmullet	976	14061	04		
Birr	965	13041	51		
Dublin	969	08021	55		
Shannon	962	17061	05		
Roches Point	952	09071	05		
Valentia	953	16081	05		

Code FM 21.D **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70334	16004	33508	97150	82903	29660	00224	82932	/////	05652	10624	30101	99608
B	99567	70512	16004	72918	98018	13600	75500	00714	87625	/////	0//55	10440	30403	/////
C	99527	70355	16003	83020	98022	15405	855//	00005	88620	/////	0//51	10870	30604	/////
D	99440	70409	16004	82112	97616	14215	6552/	00818	86625	88459	0//14	11655	30402	/////
E	99351	70479	16004	22108	98021	22820	21500	00311	82820	/////	0//18	12111	30301	14502
I	99590	70191	16004	82640	94818	84005	893//	51719	83708	88912	0//03	10910	30808	19808
J	99526	70202	16004	53026	98028	06009	48501	00207	82820	84635	05604	11191	30805	26104
K	99451	70162	16004	72624	97012	16716	2843/	00805	81816	87362	0//14	11608	30806	/////
M	99661	10021	16004	61003	98038	03203	68500	00809	84820	/////	05800	10702	30000	07901

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	16064	70105	97268	84703	59660	21101	85932	/////	05551	10607	30000	99606
B	99567	70512	16064	83012	98022	11800	854//	00712	88618	/////	0//57	10443	30502	/////
C	99526	70355	16063	82910	97026	10905	4541/	00721	84615	88460	0//01	10874	30604	/////
D	99440	70410	16063	42213	98011	11016	45430	00509	83615	/////	/////	/////	/////	/////
E	99351	70479	16064	21709	98020	22120	21500	00607	82820	/////	0//19	12223	30301	14502
I	99589	70191	16064	32833	96278	78706	39400	00726	82915	/////	0//02	10929	30909	99/12
J	99525	70199	16064	62826	98251	04308	634//	00710	81918	84825	05706	11206	30808	24004
K	99451	70160	16064	72519	96216	12816	762//	00722	87706	/////	0//15	11600	30805	/////
M	99661	10019	16064	71008	97032	01304	69460	00808	82915	84820	05600	10710	330301	07901

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H.M.S.O. Press, Met.O. 8a

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39807

Date of Issue Tuesday 17 November 1970

Code FM 11.D

OBSERVATIONS at 12h. 16 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	82121	37636	00408	871//	08729	83702	86703	88705
Hurn	862	82021	38635	01010	872//	09832	86704	88706	
Thorney Island	871	82026	56636	03708	7742/	07727	81710	87712	88525
Manston	797	81923	66612	05306	5552/	03718	85626	88458	
Gatwick	776	82015	66616	03606	7552/	04725	83622	86650	88459
Kew	775	81912	70617	01607	3752/	04833	83720	88457	
Heathrow	772	81819	68616	01507	4547/	04829	81615	84622	88358
Honington	586	81917	56636	01804	4642/	03835	84713	88550	
Wattisham	590	82117	56617	02804	4742/	03828	84712	88540	
Gorleston	497	81916	60606	02705	856//	03730	88635		
Aberporth	502	73116	80036	00308	754//	04128	84617	87645	
Ross-on-Wye	627	82408	48606	97810	873//	09615	88708		
Filton	628	82015	28586	98311	7722/	09720	83703	87706	88515
Rhoose	715	82713	66606	98411	6727/	11611	81704	84707	88359
Chivenor	707	73416	62216	00211	753//	09500	82709	87612	
Mount Batten	827	82226	24596	00712	872//	12713	86704	88708	
St. Mawgan	817	83317	23596	02111	870//	11302	83700	84701	88703
Scilly	804	83412	63026	03910	854//	10312	88614		
Culdrose	809	83315	56216	01612	852//	12704	83703	85709	88618
Guernsey	894	82020	60636	04410	7527/	09718	86705	87615	
Elmdon	534	82407	57516	97907	852//	07518	86704	88622	
Cardington	559	81720	58616	99607	3732/	04841	81706	83710	88540
Wittering	462	82020	59637	98805	852//	04736	83705	86708	88612
Watnall	354	82405	14587	98505	872//	05511	86705	88708	
Shawbury	414	72206	74216	98208	784//	07108	81818	83630	86650
Finningley	360	72216	57217	96806	55478	05617	82710	84640	86359
Kilnsea	396	82136	58217	98304	6522/	03658	84704	86620	88460
Leeming	257	71809	37047	95805	685/2	03505	85827	85640	
Tynemouth	262	72302	32106	94003	755//	03502	87620		
Carlisle	222	62909	74256	95507	604//	04225	81715	83635	
Valley	302	62918	82036	99009	31409	04120	83818	86175	
Ringway	334	72110	59026	97207	7043/	06607	81711	84715	85630
Squires Gate	318	63012	62017	97109	12402	05219	81818	86070	
Ronaldsway	204	22814	86016	97909	11531	03120	81822		
Mull of Galloway	131	12920	74028	96508	11500	03220	81825		
Eskdalemuir	162	12907	64017	95004	18500	01320	81822		
Prestwick	135	12912	82018	95108	12540	02117	81825		
Abbotsinch	140	42607	80158	94909	48500	03222	81825	83640	
Leuchars	171	32508	58027	93003	36301	02214	83707		
Dyce	091	62406	65016	91904	685//	02302	81820	86650	
Lerwick	005	81520	66638	90504	853//	02720	82707	85625	88630
Wick	075	62412	85156	90306	634//	02500	82918	83635	
Sule Skerry	010	53209	81018	88407	53500	04211	83920	85625	
Cape Wrath	049	52718	85038	88107	525//	01203	85820		
Stornoway	026	12211	80028	89606	19400	03000	81918		
Benbecula	022	42312	74158	91207	33460	03801	83919		
Tiree	100	12511	82258	93008	19460	04104	81915		
Aldergrove	917	12612	80021	97307	18502	02112	81820		
Malin	980	42420	82258	95608	43500	05204	83920		
Belmullet	976	52715	82808	98808	43562	05103	84920		
Birr	965	72408	81032	01307	15602	04111	81636	87072	
Dublin	969	62710	80036	99807	10932	03112	81360	86075	
Shannon	962	72714	82808	02108	585/2	05210	84820	83640	85075
Roches Point	952	72917	80026	03309	18401	03122	81818	87069	
Valentia	953	63011	80258	03910	18506	04111	81823	86270	

OBSERVATIONS at 18h. 16 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	63305	58016	01906	25608	05222	82630	86270	
Hurn	862	62808	70016	01907	35602	06228	83630	86075	
Thorney Island	871	43008	69016	01109	11532	08314	81820	83075	
Manston	797	81919	59586	00407	852//	07613	82705	86708	88616
Gatwick	776	73008	50216	00010	753//	09504	82708	83714	87624
Kew	775	53304	62206	00208	35701	06314	83656	84075	
Heathrow	772	63211	62016	00008	55701	06314	85650	83075	
Honington	586	80000	23206	99406	872//	06302	88703		
Wattisham	590	82606	23586	99607	870//	06506	84701	88702	
Gorleston	497	82111	48636	98207	855//	06712	88625		
Aberporth	502	53012	82012	02207	21532	03211	82825	85075	
Ross-on-Wye	627	22202	70016	02005	14541	02223	81625		
Filton	628	72902	74026	02107	15632	03220	81635	87075	
Rhoose	715	52805	80016	03105	38531	03221	82825	83075	
Chivenor	707	63106	80022	03407	25601	04214	82632	86070	
Mount Batten	827	33007	59056	04209	25531	05219	82625		
St. Mawgan	817	73012	78036	04708	25601	03212	82630	86075	
Scilly	804	73205	82022	06009	754//	06209	87617		
Culdrose	809	33105	80011	05007	38401	04217	81818	83624	
Guernsey	894	83212	80026	03710	854//	09310	84713	87623	
Elmdon	534	40000	40046	01305	25631	03221	82632	83070	
Cardington	559	12807	56106	00606	15601	05319	81635		
Wittering	462	33010	37046	00405	15701	03317	81650	83072	
Watnall	354	62905	32046	00504	00902	03218	86072		
Shawbury	414	42705	72011	01004	10931	02215	81365	84072	
Finningley	360	52810	50042	99506	20938	03211	82362	85075	
Kilnsea	396	52614	58016	98706	50970	05311	85360		
Leeming	257	22403	66252	98804	15701	01216	81650		
Tynemouth	262	02605	48041	97105	00900	03213			
Carlisle	222	22103	66028	98004	18501	02311	81820		
Valley	302	82518	80022	00808	15407	03306	81618	88275	
Ringway	334	62006	56042	00305	685/2	02215	81820	86635	
Squires Gate	318	62711	65012	99708	12502	03212	81825	86075	
Ronaldsway	204	72510	80031	99308	38536	04305	82820	85362	87270
Mull of Galloway	131	32418	80030	97407	30930	04302	83360		
Eskdalemuir	162	22609	66011	97102	29500	01109	82920		
Prestwick	135	72309	70808	96106	785//	04204	81822	86638	
Abbotsinch	140	22009	75258	95106	28500	03202	81825		
Leuchars	171	12311	62010	94202	15700	01207	81650		
Dyce	091	12507	68041	93300	15600	52209	81635		
Lerwick	005	32303	80016	88804	38400	03309	82815		
Wick	075	22208	82021	90303	29400	01400	81918		
Sule Skerry	010	42309	81018	87607	43500	05704	84920		
Cape Wrath	049	42312	83011	86905	32540	03710	83820		
Stornoway	026	32014	80038	88105	30960	03807	83360		
Benbecula	022	22316	74258	89407	29460	03611	82918		
Tiree	100	22416	81158	92007	28400	03603	81818		
Aldergrove	917	72211	74028	97705	785//	03501	83824	86640	
Malin	980	62418	80808	95007	635//	04500	84920	83640	
Belmullet	976	52618	81018	97808	33533	04704	83920	82920	
Birr	965	72308	80018	01006	685/2	04601	82820	86636	
Dublin	969	52307	62102	00506	45602	04102	84640		
Shannon	962	72312	81028	01408	58536	06604	82820	84635	86270
Roches Point	952	72308	80012	03507	15678	05501	81635	87272	
Valentia	953	72713	70808	02810	735//	06607	87925		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	06111	000	$rrr_or_od_o$	d_o
Hurn	862	13121	000	$r_or_orrdrd_or_o$	d_or_o
Thorney Island	871	05111	000	r_orrdr	rdr
Manston	797	02091		r_or_o	$r_orrd_or_od_or_o$
Gatwick	776	07101	000	r_or_ordr	DR
Kew	775	04091	000	$rsRr_or_o$	Dd_od_o
Heathrow	772	04091	000	$rrr_or_od_or_or$	drd_or_o
Honington	586	06071		r_or-$rrRd_o$-d_or_o	$d_or_od_or_odr$
Wattisham	590	05072	000	$1r_orrrsr_or_o$	d_or_odr
Gorleston	497	04072	000	$1r_o$	r_or_o
Aberporth	502	05111	011	rrr_or_o	+
Ross-on-Wye	627	03101	001	r_orr	+
Filton	628	01111	003	$rrdrd_or_od_or_o$	+
Rhoose	715	01121	003	$r_or_o1r_o1rd_or_o$	+
Chivenor	707	02121	005	r_or_oR	+
Mount Batten	827	04121	013	rdrdrR	+
St. Mawgan	817	06121	000	rrdrdr	+
Scilly	804	01121	001	$1r_o$	+
Culdrose	809	02120	006	rr	+
Guernsey	894	05121	000	$r_or_orrd_or_o1d_o$	$d_or_ofr_o$
Elmdon	534	02091	000	$r_or_od_or_ord_o$	+
Cardington	559	03081	000	rRr_or_odr	r_or_o
Wittering	462	07071	000	rdrrd$_o$r$_o$	+
Watnall	354	03071	000	$rrd_or_od_or_o$	+
Shawbury	414	02091	002	$r_or_od_or_odr$	+
Finningley	360	93081	001	$rsr_os_or_or_o$	+
Kilnsea	396	03072	000	rsrsrrir$_o$	+
Leeming	257	92071	005	d_or_o	pr_o
Tynemouth	262	00071	017	+	+
Carlisle	222	97091	031	d_opr_o	pr_o
Valley	302	00111	022	+	+
Ringway	334	01091	005	$r_od_od_o$	+
Squires Gate	318	01091	025	r_orR	+
Ronaldsway	204	00091	059	+	+
Mull of Galloway	131	00091			
Eskdalemuir	162	97055	040	pr_o	pr_o
Prestwick	135	97091	035	pr_o	pr_o
Abbotsinch	140	92091	048	pr_o	pr_o
Leuchars	171	00063	039	+	+
Dyce	091	97063	040	r_or_o	+
Lerwick	005	04062	000	pr_orr	pr_o
Wick	075	00061	051	+	+
Sule Skerry	010	92081			
Cape Wrath	049	01072	031	+	rr
Stornoway	026	02072	044	pr	pr
Benbecula	022	01081	021	pr_o	pr_o
Tiree	100	01081	037	pr_opr	pr_ophr
Aldergrove	917	97081	054	+	pr_o
Malin	980	0109	033		
Belmullet	976	9510	017		
Birr	965	9110	028		
Dublin	969	9208	048		
Shannon	962	9310	019		
Roches Point	952	9710	035		
Valentia	953	9311	023		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

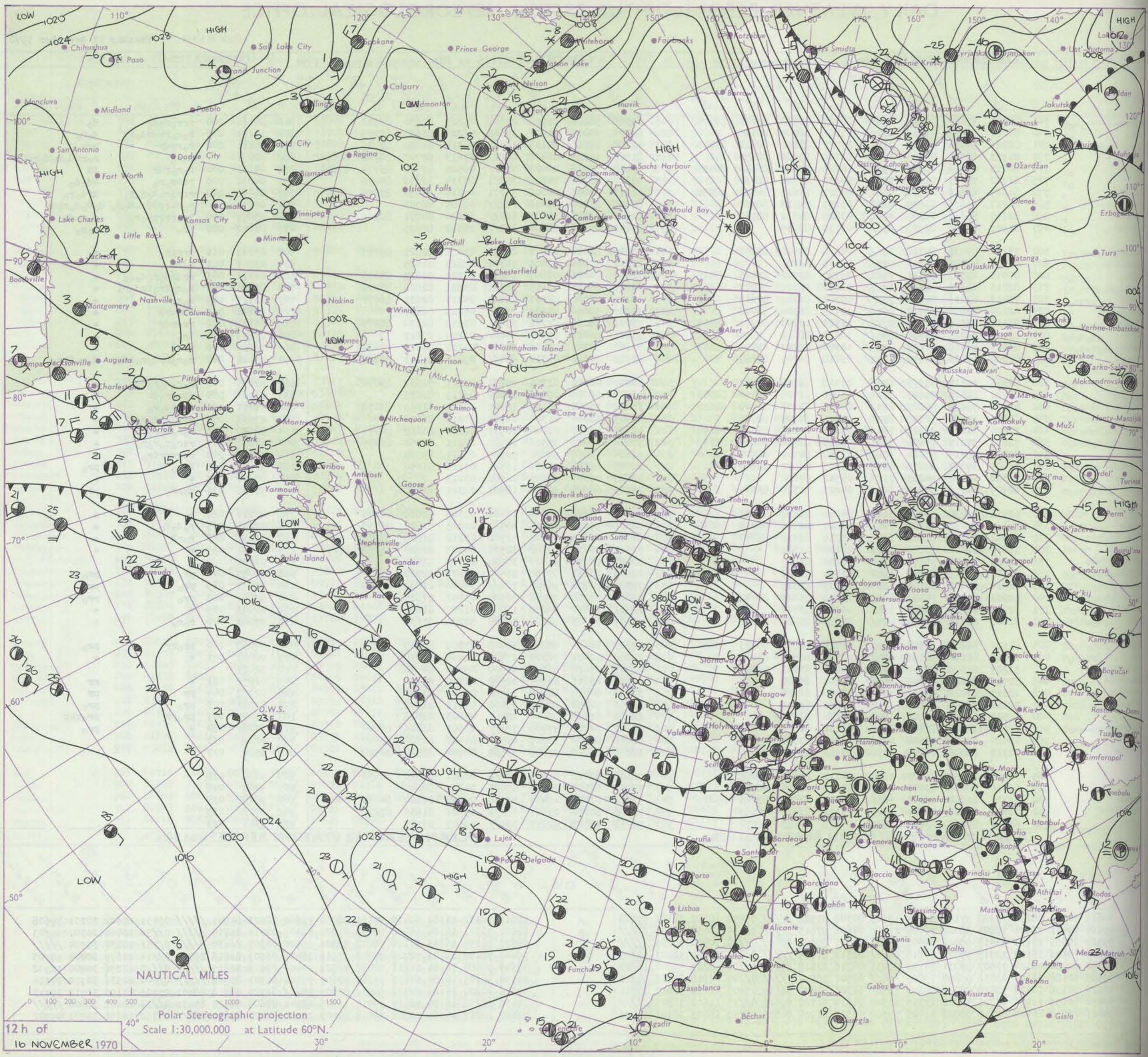
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	16124	31208	97150	84104	19663	00302	81932	/////	05452	10602	30101	99608
B	99567	70512	16124	72804	98022	11000	71400	00606	87815	/////	0//54	10458	30302	/////
C	99527	70355	16123	83412	98022	09005	5542/	00607	85620	88459	0//00	10820	30705	/////
D	99440	70406	16123	32517	97021	13916	28401	00317	81815	/////	0//15	11669	30403	99/05
E	99350	70480	16124	71807	98031	24122	22451	00216	82818	83365	0//20	12227	30000	12603
I	99589	70188	16124	62832	95898	79005	694//	00501	86914	/////	0//05	10918	30808	99/12
J	99526	70196	16124	72820	98028	04610	7853/	61306	84820	86635	05403	11210	31015	33011
K	99450	70159	16124	62921	96032	13715	65500	00310	81720	85616	0//15	11602	30805	/////
M	99661	10019	16124	61211	98028	01003	59560	00503	81920	84825	05750	10693	30201	10902

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	16184	60410	97151	88004	49660	00223	84945	/////	05451	10602	30101	99608
B	99567	70511	16184	53206	98142	09000	52409	00714	85815	/////	0//56	10444	30301	99/03
C	99527	70354	16183	63110	98012	08306	65500	00303	86630	/////	0//51	10830	30704	/////
D	99440	70410	16183	72720	97028	13916	28441	00501	81816	85315	0//14	11679	30404	99/05
E	99349	70484	16184	21811	98012	22822	22400	00619	82815	/////	0//20	12296	30000	12502
I	99590	70183	16184	62837	96168	80605	59402	00321	85914	/////	0//04	10936	30910	27114
J	99526	70200	16184	82722	98032	00409	4842/	61720	84818	88461	05505	11196	31112	31113
K	99450	70158	16184	72617	97018	11815	68542	00608	81820	85631	0//14	11601	30806	/////
M	99660	10017	16184	10908	98018	00503	12500	00400	81830	/////	05752	10696	30201	09902

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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Chihuahua
El Paso
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Fairbanks
Kotzebue
Nelson
Calgary
Edmonton
Prince Rupert
Inuvik
Barrow
Midland
Pueblo
Manclova
San Antonio
Dodge City
Fort Worth
Regina
Island Falls
Sachs Harbour
Coppermine
Mould Bay
Cambridge Bay
Lake Charles
Kansas City
Little Rock
Winnipeg
Bismarck
Omaha
Churchill
Baker Lake
Resolute Bay
Eureka
Arctic Bay
Alert
Chesterfield
Coral Harbour
Nottingham Island
Port Harrison
Clyde
Frobisher
Cape Dyer
Upernavik
Nakina
Winisk
Chicago
Detroit
Toronto
Ottawa
Montreal
Pittsburgh
Washington
Norfolk
Nashville
Columbus
Montgomery
Jacksonville
Augusta
Charleston
Boothville
Jackson
St. Louis
Minneapolis
Fort Chimo
Nitchequon
Resolution
Goose
Stephenville
Gander
Cape Race
Yarmouth
Sable Island
Bermuda
Anticosti
Caribou
Thule
Godthab
Frederikshab
Narssarssuaq
Egedesminde
Jan Mayen
Danmarkshavn
Barentsburg
Tromsø
Murmansk
Archangel'sk
Petrozavodsk
Leningrad
Moskva
Gor'kij
Kazan'
Kuybyshev
Perm'
Sverdlovsk
Ufa
Orenburg
Chelyabinsk
Tyumen'
Omsk
Novosibirsk
Barnaul
Tomsk
Irkutsk
Ust'-Kut
Ust'-Udoma
Yakutsk
Aldan
Verkhoyansk
Ust'-Nera
Ostrov Zhokhova
Ostrov Kotel'nyy
Ostrov Kotel'nyy
Ostrov Bol'shoy Lyakhovskiy
Tiksi
Dzhardzhan
Olenek
Khatanga
Tura
Ostrov Kamenev
Ostrov Sredniy
Ostrov Vrangelya
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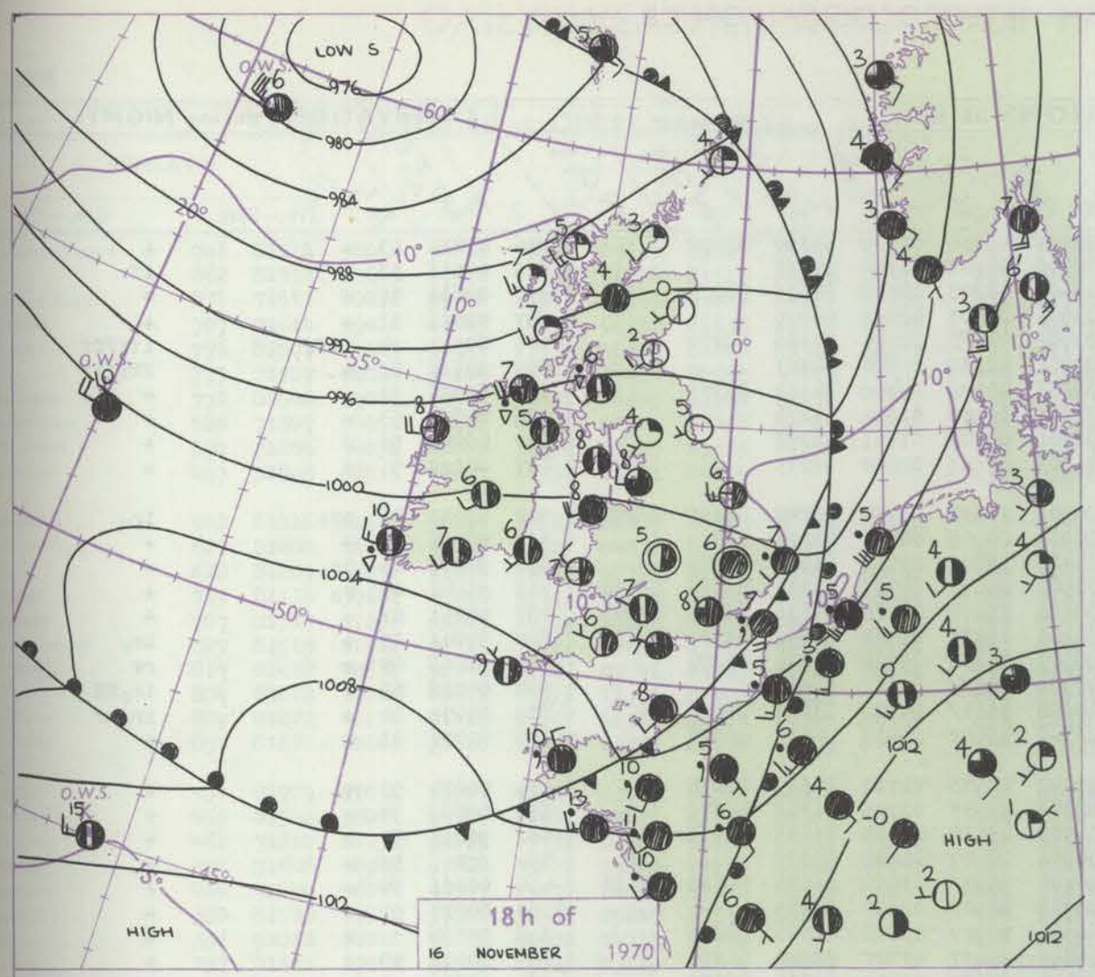

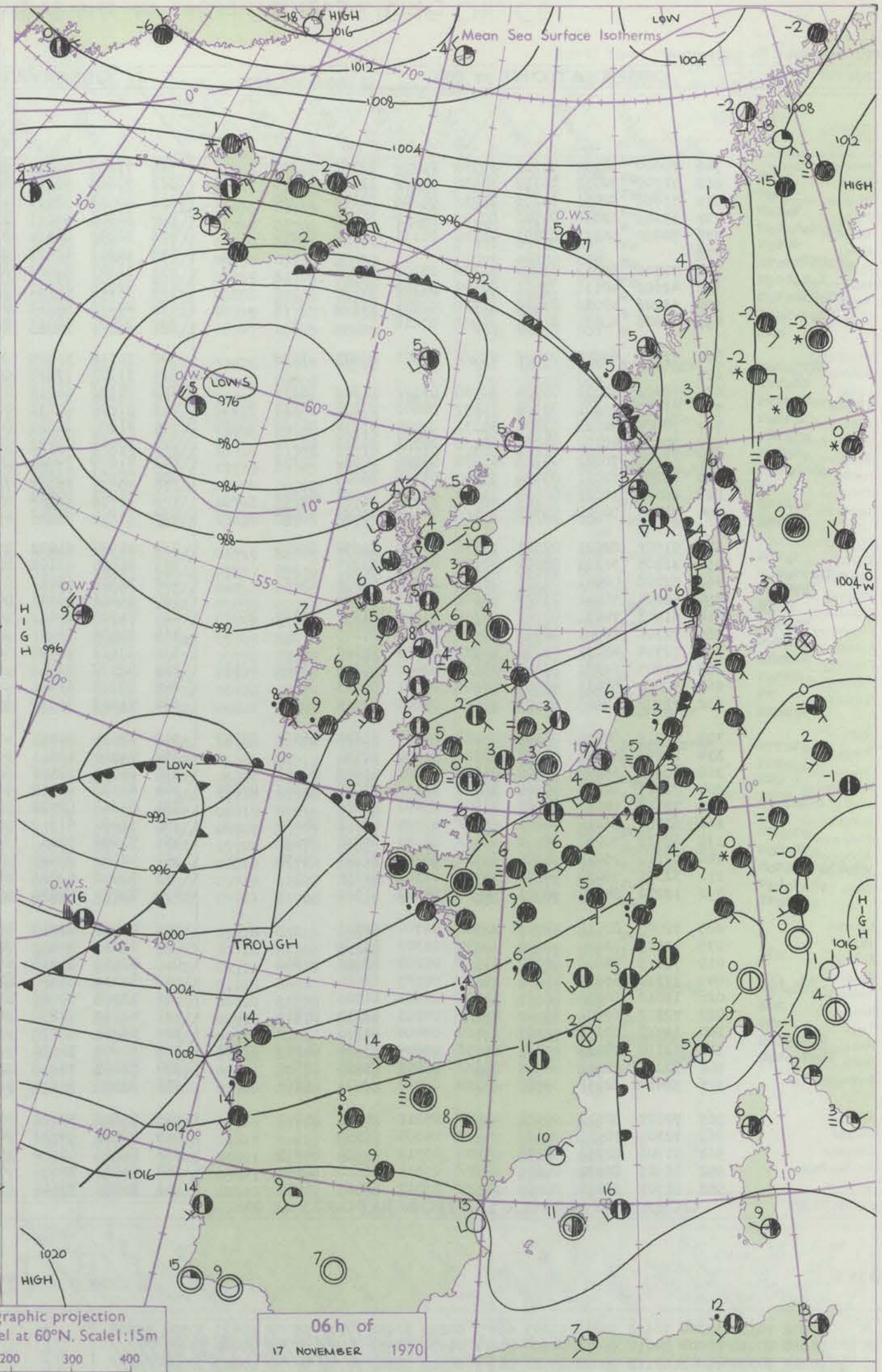

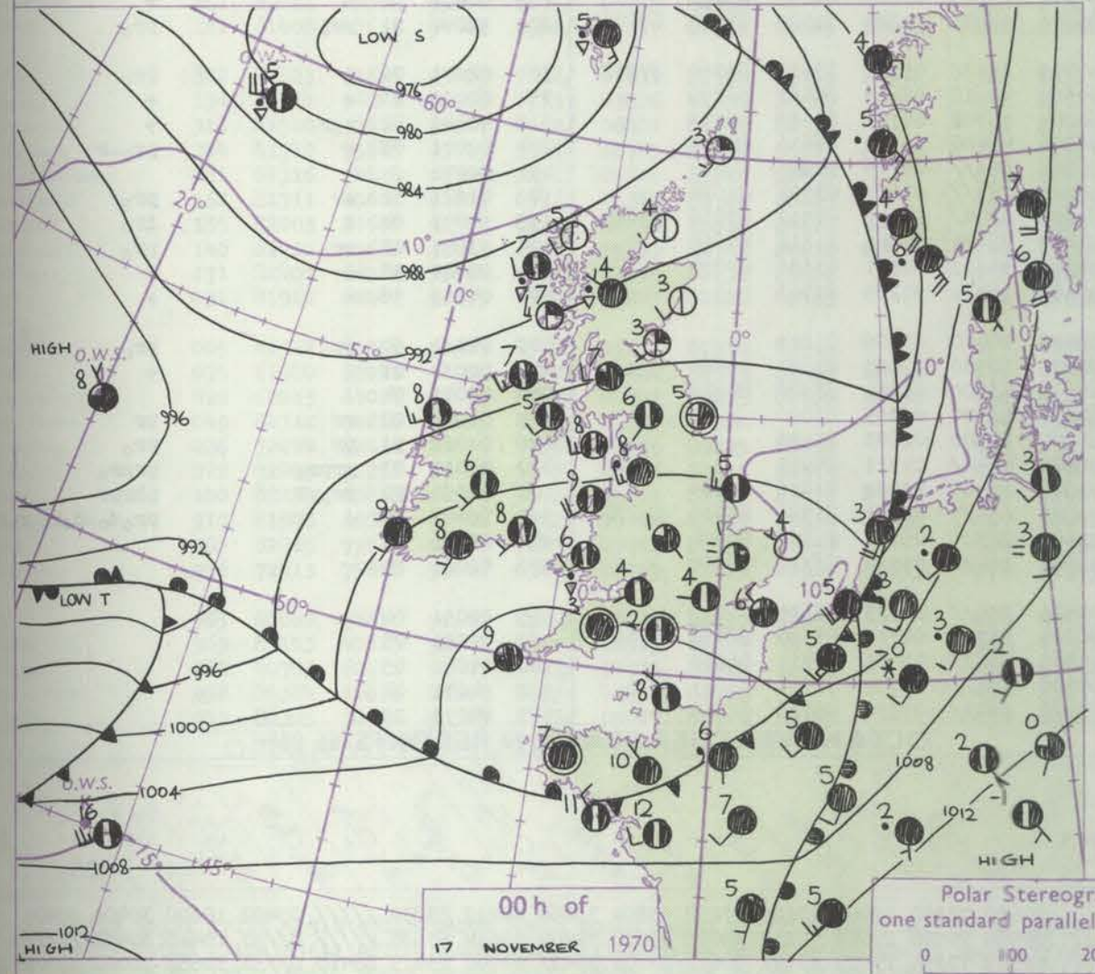

Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 17 November 1970

The depression, to the south of Iceland yesterday, has moved very slowly eastwards and filled only a little. Another depression, to the east of Newfoundland yesterday, has moved rapidly eastwards to a position about 500 miles west of Scilly. During the next 24 hours this latter depression is expected to continue rapidly eastwards affecting west of southern Britain during the period. A mainly westerly unstable airstream associated with the former depression will affect central and northern districts of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. — 17 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70000	56102	04203	20938	02206	82362	87272	
Hurn	862	70000	70032	04102	30938	01303	83364	87273	
Thorney Island	871	73006	58051	04205	2573/	04209	82656	87360	
Manston	797	63109	62036	02506	00901	04217	86075		
Gatwick	776	70000	56111	03701	10938	01111	81360	87270	
Kew	775								
Heathrow	772	72701	62012	02904	00906	03206	87275		
Honington	586	42602	40111	01801	00902	01108	84075		
Wattisham	590	53206	40036	01902	10931	02211	81362	85072	
Gorleston	497	02806	48056	01104	00900	03218			
Aberporth	502	72110	69808	02006	785//	04801	85827	85635	
Ross-on-Wye	627								
Filton	628	72402	58032	03404	60938	03302	86365	86275	
Rhoose	715	83602	75601	03304	15557	02602	81620	84360	87362
Chivenor	707	70905	74022	03605	35632	03804	83634	84360	86075
Mount Batten	827	70000	48102	04704	657/8	04703	86650	87270	
St. Mawgan	817	71606	78022	04606	45608	03806	84630	87272	
Scilly	804	62205	82011	05209	65500	05706	86625		
Culdrose	809	60000	78021	05008	25508	04807	82624	86272	
Guernsey	894	73105	80022	05508	785//	04104	81820	87624	
Elmdon	534	61502	62021	02301	15738	00502	81650	86275	
Cardington	559	32205	32101	02802	00908	01208	83275		
Wittering	462	62706	40041	01901	20932	00202	82360	85072	
Watnall	354	52604	58041	01803	00902	01301	85072		
Shawbury	414	61903	74031	01702	15731	01601	81650	83360	85075
Finningley	360	72308	56041	00504	00902	03301	87075		
Kilnsea	396	72714	48031	00505	7093/	03103	87360		
Leeming	257	71707	62031	99304	35536	02400	82625	83640	85360
Tynemouth	262	50000	58031	97505	00901	03601	85075		
Carlisle	222	71902	62028	97606	784//	04605	82714	86645	
Valley	302	72519	80022	00109	15558	05803	81620	86362	87272
Ringway	334	21709	65011	01003	25700	01400	82650		
Squires Gate	318	82415	65602	99508	855//	07703	85626	88643	
Ronaldsway	204	72413	80012	98608	38438	06102	83018	83365	87275
Mull of Galloway	131	72618	84031	97007	00906	05400	87070		
Eskdalemuir	162	62407	66018	96804	683//	03704	82708	84630	
Prestwick	135	62512	70038	95707	684//	04101	84818	84632	
Abbotsinch	140	62110	75028	95206	685//	04202	81825	85650	
Leuchars	171	32306	70030	94503	35700	02302	83650		
Dyce	091	12212	84020	92803	10930	00801	81360		
Lerwick	005	22007	82018	88703	22400	02704	82818		
Wick	075	12108	82020	90104	10930	03302	81359		
Sule Skerry	010	72019	74808	86707	3957/	05204	82920	87360	
Cape Wrath	049	22312	85016	86207	25500	02707	82620		
Stornoway	026	12012	80028	88105	12500	04303	81825		
Benbecula	022	72312	66808	89907	794//	04203	81710	87916	
Tiree	100	32714	82158	92107	19460	04400	81918		
Aldergrove	917	72110	74028	97105	35532	03804	83624	84359	87070
Malin	980	72217	80258	94407	735//	05805	85920	83640	
Belmullet	976	72414	82258	95708	23532	05717	82921	85360	
Birr	965	72007	80022	99306	45606	05812	84638	87270	
Dublin	969	72309	70038	99406	60932	04808	86359		
Shannon	962	51906	82258	99506	28506	05713	81820	84275	
Roches Point	952	81903	80022	01308	6557/	06711	86628	88460	
Valentia	953	81907	80258	00009	3252/	06817	83825	88459	

OBSERVATIONS at 06h. — 17 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71906	58102	02901	40938	01709	84360	87270	
Hurn	862	70000	40114	02500	00908	50708	87273		
Thorney Island	871	50402	32101	03502	45708	02708	84656	83272	
Manston	797	80000	58021	03703	00907	02503	88275		
Gatwick	776	80000	06414	03701	40937	01704	84360	88270	
Kew	775	40000	61021	02901	40930	01604	84363		
Heathrow	772	71803	59012	02803	40978	02706	84362	86275	
Honington	586	82005	28101	02401	00907	01602	88275		
Wattisham	590	82105	48022	02701	00907	01601	88272		
Gorleston	497	72407	48051	01803	00908	02802	87275		
Aberporth	502	71712	66028	98806	15638	05720	81640	85360	86270
Ross-on-Wye	627	31903	77030	00905	00905	04615	83275		
Filton	628	81506	64016	01405	15707	03712	81656	88275	
Rhoose	715	81709	80036	00907	2567/	05713	82630	85360	88462
Chivenor	707	71008	80022	00606	15678	04718	81636	86460	87275
Mount Batten	827	80905	48022	01205	15737	05723	81650	83365	88270
St. Mawgan	817	71609	74022	00607	35738	05725	83650	87270	
Scilly	804	81709	82606	99909	855//	05731	88625		
Culdrose	809	71803	80022	00608	3551/	04728	83626	87460	
Guernsey	894	71706	84022	03309	45602	05815	84635	86075	
Elmdon	534	71504	61022	01002	40936	01710	84359	87275	
Cardington	559	81906	56101	02302	10937	02705	81362	88275	
Wittering	462	72308	62012	01503	15738	02704	81656	87273	
Watnall	354	81803	28102	00801	00907	01608	88272		
Shawbury	414	71605	74022	00105	5557/	03610	81620	84625	87460
Finningley	360	81506	56042	99703	00907	02607	88275		
Kilnsea	396	82112	58022	00704	20977	03808	82360	88275	
Leeming	257	82308	40042	98405	25637	03707	82640	88275	
Tynemouth	262	80000	61022	97404	25607	03807	82635	88275	
Carlisle	222	71305	66038	96806	58501	04607	81820	85640	86075
Valley	302	72117	80012	97209	35478	05721	83615	84364	87270
Ringway	334	71710	62011	99305	40918	03612	84462	86270	
Squires Gate	318	81411	58106	98204	55707	04708	85656	88272	
Ronaldsway	204	62308	80032	96508	40408	05712	84816	84270	
Mull of Galloway	131	82018	82022	95008	856//	05716	88645		
Eskdalemuir	162	71806	61012	96203	783//	03806	83708	87628	
Prestwick	135	71606	70032	94605	6844/	04609	81712	83816	85640
Abbotsinch	140	72102	80028	94407	784/1	04506	81818	87650	
Leuchars	171	52408	62021	94303	35631	02501	83636	83075	
Dyce	091	32703	84030	93450	10931	51205	81362		
Lerwick	005	22112	82018	89405	28400	03209	81815		
Wick	075	62211	84031	90605	12530	02000	81820	85360	
Sule Skerry	010	42519	81018	87608	43500	04205	83920	84625	
Cape Wrath	049	32317	85030	87207	32500	02205	83820		
Stornoway	026	13305	80028	88004	19500	02803	81920		
Benbecula	022	42112	74258	88706	4946/	04711	84917		
Tiree	100	62214	82278	90606	19466	05709	81916	86280	
Aldergrove	917	81907	70032	94805	653/7	04613	83708	85630	88270
Malin	980	72117	75258	92506	28506	05713	81820	87270	
Belmullet	976	82506	64618	92907	2642/	05714	82718	88556	
Birr	965	81606	80022	95406	856//	04723	88635		
Dublin	969	82105	84022	96207	3577/	04716	83650	88460	
Shannon	962	81606	66606	95307	3642/	05723	83715	88530	
Roches Point	952	81913	70606	95709	874//	07732	88714		
Valentia	953	81506	70618	93908	6642/	07732	86718	88540	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00011	53	+	+
Hurn	862	00511	53	+	if
Thorney Island	871	00011	52	+	+
Manston	797	00021	51	+	+
Gatwick	776	00511	54	ifff	ifffFff
Kew	775	00511	53	+	FFifiF
Heathrow	772	00021	51	+	+
Honington	586	00001	53	+	+
Wattisham	590	00002	54	+	+
Gorleston	497	00022	51	+	+
Aberporth	502	91051	03	pr_o	ir_o
Ross-on-Wye	627	00021	51	+	+
Filton	628	97041	01	ir_o	+
Rhoose	715	91041	00	r_o	+
Chivenor	707	00051	01	+	+
Mount Batten	827	97041	02	+	ir_o
St. Mawgan	817	91061	04	+	rr
Scilly	804	04082	05	+	ir_oRR
Culdrose	809	01072	00	+	ir_orr
Guernsey	894	00071	02	+	+
Elmdon	534	00011	53	+	+
Cardington	559	00001	54	+	+
Wittering	462	97011	51	+	+
Watnall	354	97011	52	+	+
Shawbury	414	00001	54	+	+
Finningley	360	00021	01	+	+
Kilnsea	396	00031		+	+
Leeming	257	00011	55	+	+
Tynemouth	262	00031	52	+	+
Carlisle	222	94041	51	pr_o	pr_o
Valley	302	02071	06	+	pr_o
Ringway	334	00031	01	+	+
Squires Gate	318	92041	02	r_or	+
Ronaldsway	204	02071	05	+	pr_o-r
Mull of Galloway	131	00071			
Eskdalemuir	162	01021	51	+	pr_o
Prestwick	135	97051	04	+	ir_o
Abbotsinch	140	93051	03	pr_o	pr_o
Leuchars	171	00021	53	+	+
Dyce	091	00513	56	+	+
Lerwick	005	01032	50	pr_o	pr_o
Wick	075	00031	01	+	+
Sule Skerry	010	03041	04		
Cape Wrath	049	02041	02	rr	pr
Stornoway	026	01022	51	pr	pr_o
Benbecula	022	01051	03	$prpr_o$	$prpr_o$
Tiree	100	04051	02	pr_opR	phrpr
Aldergrove	917	96042	02	+	$pr_od_o-d_or_o-r_or_o$
Malin	980	01061	04		
Belmullet	976	06061	05		
Birr	965	00051	04		
Dublin	969	97051	03		
Shannon	962	01061	05		
Roches Point	952	94071	04		
Valentia	953	04071	05		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	17004	70620	97818	91003	6967/	00210	86930	/////	05702	10663	30304	99608
B	99565	70510	17004	80210	96858	07200	824//	00718	88812	/////	0//54	10440	30402	/////
C	99525	70353	17003	83113	98022	07004	855//	00510	88620	/////	0//00	10829	30704	/////
D	99440	70410	17003	82418	98022	13617	854//	00603	88619	/////	0//15	11670	3////	/////
E	99349	70480	17004	31807	98021	24021	25501	00309	82625	/////	0//20	12170	30000	99/03
I	99590	70186	17004	72628	96808	80305	794//	61805	87912	/////	0//04	10920	30808	28011
J	99525	70203	17004	63307	98016	97507	4842/	00719	82818	83640	05806	11188	31010	/////
K	99450	70156	17004	72326	96038	06716	784//	00831	83810	87650	0//15	11580	30806	/////
M	99660	10017	17004	60915	97271	99203	69500	00707	84920	/////	05800	10690	30402	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	17064	40220	97258	93804	39660	00217	83830	/////	05402	10600	30404	99607
B	99564	70508	17064	70212	98028	05200	74500	00614	87630	/////	0//57	10448	30402	/////
C	99527	70355	17063	83502	98602	00606	3542/	00740	83615	88460	0//51	10888	30000	30703
D	99440	70410	17063	82329	98022	09017	5541/	00726	85620	88460	0//16	11727	30405	99/05
E	99350	70480	17064	11812	98010	22320	15500	00611	81620	/////	0//20	12179	30401	14603
I	99589	70191	17064	42720	97018	77905	49460	61817	82912	/////	0//04	10914	30606	28010
J	99525	70201	17064	52919	99031	95708	43430	00711	81913	83820	05704	11205	30806	33008
K	99450	70156	17064	72634	97218	00216	754//	61628	87617	/////	0//14	11570	31012	/////
M	99660	10017	17064	60816	97011	97104	38506	00611	82825	84067	05500	10706	30402	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39808

Date of Issue Wednesday 18 November 1970

OBSERVATIONS at 12h. — 17 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	81614	58052	97608	3557/	06834	83620	83360	88465
Hurn	862	81712	60601	97510	4542/	06738	81715	84618	88459
Thorney Island	871	71513	80032	99610	44576	07829	84626	84360	87268
Manston	797	71614	59012	01609	14638	06717	81635	83272	87080
Gatwick	776	81507	63024	99909	15537	05829	81620	83362	88272
Kew	775	71707	66024	99109	20938	04831	82362	87273	
Heathrow	772	81508	59022	99509	20937	04825	82362	88272	
Honington	586	71807	50052	00606	40976	02716	82363	83366	87275
Wattisham	590	71806	34032	01006	30936	03717	83365	87272	
Gorleston	497	31808	62011	01007	00902	03711	83075		
Aberporth	502	81316	61612	92107	6542/	05849	81715	86630	88459
Ross-on-Wye	627	81406	66022	95608	1562/	04838	81630	88458	
Filton	628	81209	64052	96208	1557/	05739	81625	84360	88462
Rhoose	715	81114	57652	94408	3547/	06848	81712	83620	88462
Chivenor	707	81317	61636	92209	2537/	07859	81709	88456	
Mount Batten	827	81519	62616	93810	7542/	08847	83710	86620	88559
St. Mawgan	817	81422	48636	91709	6722/	09751	83703	86706	88540
Scilly	804	81818	32626	89812	853//	11771	86707	88618	
Culdrose	809	81822	40636	91211	5512/	11764	82702	84705	88556
Guernsey	894	81620	82606	98310	872//	09830	81704	83705	87707
Elmdon	534	81709	61032	96707	40957	03727	84362	88272	
Cardington	559	81506	58051	99506	20977	04821	82362	88270	
Wittering	462	71810	61032	99105	15736	03720	81656	83362	87272
Watnall	354	71608	48042	97806	35622	04820	83645	85460	85070
Shawbury	414	71404	56042	96307	5547/	04828	81618	85656	86462
Finningley	360	81506	37042	97306	30937	05819	83365	88272	
Kilnsea	396	52016	61022	99406	50970	04713	85360		
Leeming	257	81611	17042	96705	2572/	03815	82650	88462	
Tynemouth	262	82011	28052	95806	8097/	05713	88358		
Carlisle	222	81408	48638	94606	6542/	05717	84710	85625	88458
Valley	302	81623	61618	93009	7732/	07831	82708	86711	88556
Ringway	334	81714	56042	96008	15737	03826	81656	85360	88268
Squires Gate	318	81510	32616	95307	4562/	06821	84640	88559	
Ronaldsway	204	81710	75608	93009	7547/	06725	82716	85620	88460
Mull of Galloway	131	82316	74028	92209	3252/	05814	83825	88460	
Eskdalemuir	162	81711	40608	93705	853//	04817	83708	88625	
Prestwick	135	82003	60606	92307	6842/	06715	81818	84622	86630
Abbotsinch	140	81710	57638	92407	6532/	05813	81709	86626	88459
Leuchars	171	82407	62022	93006	1567/	04609	81630	88462	
Dyce	091	81912	62041	92805	1557/	03807	81620	88463	
Lerwick	005	41912	80258	90907	49400	04002	81910	83812	
Wick	075	61910	82021	90706	28472	03804	81715	83359	86070
Sule Skerry	010	62013	81028	88607	4347/	04701	83915	84620	86458
Cape Wrath	049	82312	74818	88005	835//	02704	88920		
Stornoway	026	72014	82038	87406	58562	03606	83825	83630	
Benbecula	022	72209	70258	87607	5943/	03706	83915	84359	
Tiree	100	82220	63818	08707	5342/	05711	82710	83915	85633
Aldergrove	917	81908	60588	91906	6542/	05719	82710	85620	88550
Malin	980	82015	75036	90407	5647/	05715	85712	88459	
Belmullet	976	72613	75808	90608	6347/	05709	81715	83920	86633
Birr	965	80000	74616	91107	874//	06727	86717	88636	
Dublin	969	81103	40615	91807	4552/	06729	84624	88556	
Shannon	962	80702	60616	90807	2742/	06725	82718	88528	
Roches Point	952	80314	56636	86507	873//	07806	88708		
Valentia	953	80305	70616	90307	2752/	05617	82720	88545	

OBSERVATIONS at 18h. — 17 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	81820	28656	86811	871//	10759	83702	86704	88706
Hurn	862	81617	50636	87212	6732/	11761	83706	85710	88540
Thorney Island	871	81720	56616	89912	6722/	10855	83705	86707	88556
Manston	797	81419	48512	93908	870//	08744	81701	85702	88703
Gatwick	776	81513	30636	90909	872//	09750	86703	88704	
Kew	775	81510	58626	89809	872//	08752	85705	88707	
Heathrow	772	81613	57626	90109	872//	08751	83705	88706	
Honington	586	81416	58606	92108	6567/	05850	82630	85656	88462
Wattisham	590	81517	56606	92707	4532/	06749	81707	84656	88459
Gorleston	497	81526	60021	93009	884//	06747	85815	88625	
Aberporth	502	81417	56636	81109	5742/	09626	85710	88528	
Ross-on-Wye	627	81415	57626	83510	873//	10758	88708		
Filton	628	81512	40636	84411	7722/	10755	83705	87707	88517
Rhoose	715	71611	70216	83612	752//	11648	82703	87613	
Chivenor	707	81712	58606	82513	852//	12738	82704	85713	88625
Mount Batten	827	82024	40606	83713	853//	13736	81706	83710	87712
St. Mawgan	817	81919	48506	82412	852//	12739	83703	86706	88618
Scilly	804	83031	48026	85809	863//	09304	88707		
Culdrose	809	82328	56216	82711	851//	10741	82702	84704	88618
Guernsey	894	72019	66216	89813	752//	13638	83705	85709	
Elmdon	534	81414	30656	86507	872//	06759	82705	85706	88708
Cardington	559	81217	56636	89207	5562/	07757	85630	88556	
Wittering	462	81314	16656	89807	872//	06752	82705	84706	88707
Watnall	354	81114	28656	88306	2722/	05856	82703	88520	
Shawbury	414	81210	40636	85107	872//	06755	81703	86705	88708
Finningley	360	81113	37636	89805	8062/	05745	88530		
Kilnsea	396	81526	61022	93007	3567/	05738	83630	88360	
Leeming	257	81614	40656	91605	873//	02723	86709	88712	
Tynemouth	262	81817	32636	91406	8052/	06726	88525		
Carlisle	222	81208	56616	89906	5562/	04622	85635	88459	
Valley	302	80317	56636	84107	4552/	06750	84624	88550	
Ringway	334	81113	50636	86007	7542/	05760	84712	86618	88556
Squires Gate	318	80715	30656	87405	6542/	05844	86616	88538	
Ronaldsway	204	81111	59636	87306	853//	05730	81708	86711	88623
Mull of Galloway	131	82510	74636	87807	5742/	06819	85715	88556	
Eskdalemuir	162	81509	32616	89305	852//	04727	83705	85707	88618
Prestwick	135	81204	50616	88306	6542/	05721	82712	85623	88540
Abbotsinch	140	81104	50586	88407	7542/	06818	81712	83620	86640
Leuchars	171	81606	60506	89406	855//	05719	82622	88630	
Dyce	091	81914	58616	89306	7532/	05721	81708	84615	86624
Lerwick	005	61715	80011	89407	684//	05710	83815	85630	
Wick	075	41815	82026	87807	10942	04716	81362	84075	
Sule Skerry	010	81813	66028	86207	5642/	04713	85710	88458	
Cape Wrath	049	81806	83026	85405	865//	01715	88720		
Stornoway	026	21914	82011	84906	12560	04710	81820		
Benbecula	022	61908	81031	85106	684//	02710	81819	86640	
Tiree	100	72405	81258	85906	784//	04714	82815	87627	
Aldergrove	917	80000	62586	87705	853//	04619	83707	83615	87622
Malin	980	82308	80216	87006	7647/	05715	84714	84640	86459
Belmullet	976	52709	84038	88406	38502	02708	82822	84070	
Birr	965	62903	62106	88506	664//	05504	83713	85634	
Dublin	969	73503	70616	87005	755//	04623	84625	86640	
Shannon	962	53108	70036	89006	55400	05501	81710	84638	
Roches Point	952	73117	72036	88407	764//	05223	87710		
Valentia	953	63207	70038	90908	22502	02310	82821	85070	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	10121	000	ro	Rror
Hurn	862	18132	001	roror	roR
Thorney Island	871	05131	010	ro	roror
Manston	797	01111		+	rododororr
Gatwick	776	07131	017	ro	rordr
Kew	775	06132	008	ro	irorrRRdrdo
Heathrow	772	08132	006	ro	rordoroR
Honington	586	01091		+	rorodrdoro
Wattisham	590	02092	001	+	irorororr
Gorleston	497	92092	031	+	rro
Aberporth	502	12122	000	irorororr	roroorrRR
Ross-on-Wye	627	10122	000	rr	rrroir
Filton	628	08131	000	rordororr	rrirodoro-ro
Rhoose	715	05121	000	roRrroro	rorroro
Chivenor	707	06131	000	rrR	rRroro
Mount Batten	827	14131	000	roorrRRroro	rrdoro
St. Mawgan	817	07131	000	RRdorodoro	rorododo
Scilly	804	07131	000	RRir	ir
Culdrose	809	13131	000	rr	iroido
Guernsey	894	03141	000	irororo	iriro
Elmdon	534	11092	000	iroror	rRror
Cardington	559	06102	000	+	roorrorro
Wittering	462	09082	010	+	rorRrR
Watnall	354	12082	000	iro	RRrr
Shawbury	414	06081	006	ror	rororR
Finningley	360	08071	004	+	rorRrr
Kilnsea	396	06082	010	+	irrrRR
Leeming	257	10072	000	+	rorrR
Tynemouth	262	04072	000	roro	rr
Carlisle	222	06071	000	prorroror	rroror
Valley	302	25092	000	prorororrRR	rrroro
Ringway	334	10082	011	ror	rrro
Squires Gate	318	23072	000	roror	RRr
Ronaldsway	204	12091	000	iroiR	rrRroro
Mull of Galloway	131	06091			
Eskdalemuir	162	08051	000	prororr	rrroro
Prestwick	135	02081	000	roroirororo	rorodro
Abbotsinch	140	05071	000	rorodoro	dorodororrdoro
Leuchars	171	01071	000	roro	rodorodo
Dyce	091	92071	000	ro	irororo
Lerwick	005	97071	040	pro	+
Wick	075	97071	000	iro	iro
Sule Skerry	010	02081			
Cape Wrath	049	07072	008	prirododo	dodoiro
Stornoway	026	01072	000	+	phr
Benbecula	022	93081	005	pro	pro
Tiree	100	09081	000	prpRphr	proprphr
Aldergrove	917	02062	000	roro-doro	doro-rojf
Malin	980	9507	000		
Belmullet	976	0209	015		
Birr	965	0507	002		
Dublin	969	1008	000		
Shannon	962	0608	001		
Roches Point	952	2108	010		
Valentia	953	0409	007		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

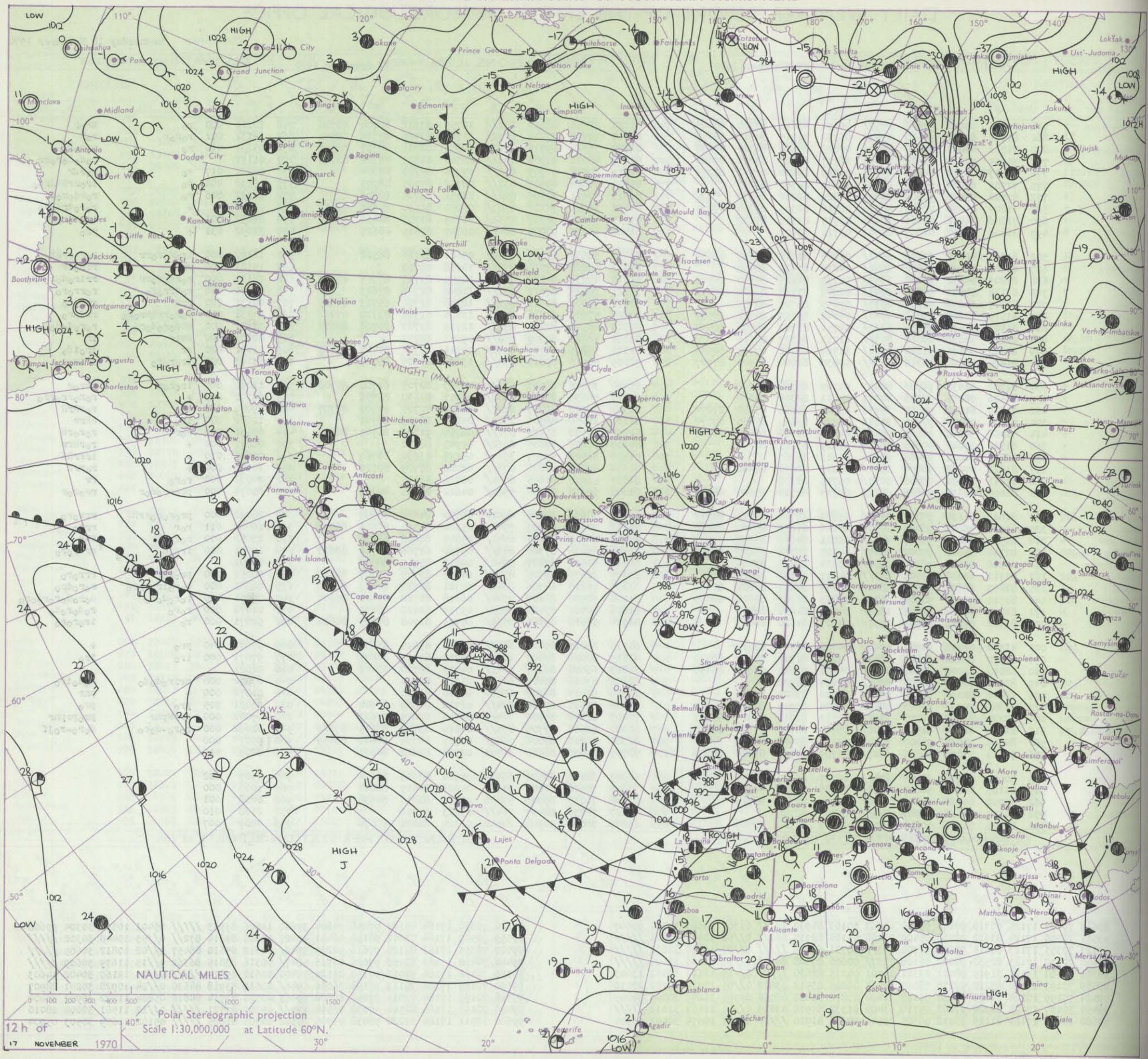
O.W.S.	$99L_aL_aL_a$	$QcL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	17124	50318	97158	95004	49663	00103	84930	/////	05302	10606	30304	99607
B	99561	70509	17124	83611	98268	05400	23468	51104	82915	862//	0//56	10443	30404	/////
C	99527	70355	17123	80615	97616	92704	873//	00731	88708	/////	0//03	10810	32602	/////
D	99440	70410	17123	82533	98022	06108	7737/	00000	87808	88357	0//16	11666	30006	/////
E	99349	70480	17124	31915	98021	23321	25501	00215	82620	/////	0//19	12114	30402	13603
I	99589	70193	17124	63210	97278	78007	694/3	00804	83918	83822	0//05	10914	30202	28010
J	99524	70199	17124	72618	97158	95108	32404	00812	83818	86068	05704	11247	30809	34005
K	99450	70157	17124	62924	97168	05714	63402	61332	85918	83633	0//11	11563	31012	/////
M	99660	10014	17124	21119	98018	96605	23541	00608	81920	/////	05301	10674	30402	05904

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$QcL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	17184	40120	97258	94804	39660	11806	83933	/////	05401	10590	30304	99606
B	99559	70509	17184	73611	98158	06401	42427	00000	84814	872//	0//55	10448	30302	/////
C	99527	70355	17183	80125	97616	92205	5542/	00312	85610	88457	0//02	10812	30605	/////
D	99440	70408	17183	82733	97026	06916	5847/	00316	83815	86362	0//13	11679	30609	/////
E	99350	70480	17184	52011	97150	21522	52400	00610	85814	/////	0//20	12160	30402	14603
I	99590	70189	17184	70113	97158	76006	6946/	00610	83918	84630	0//04	10928	30201	28907
J	99526	70197	17184	72815	97258	89608	69463	00728	82914	84816	05804	11222	30907	36004
K	99450	70157	17184	82514	97038	03514	775//	00707	87721	/////	0//12	11581	30000	28010
M	99660	10011	17184	31220	98038	95705	28542	00706	81825	/////	05102	10659	30503	05904

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
HIGH 1024
HIGH J
HIGH M
HIGH G
LOW
TROUGH
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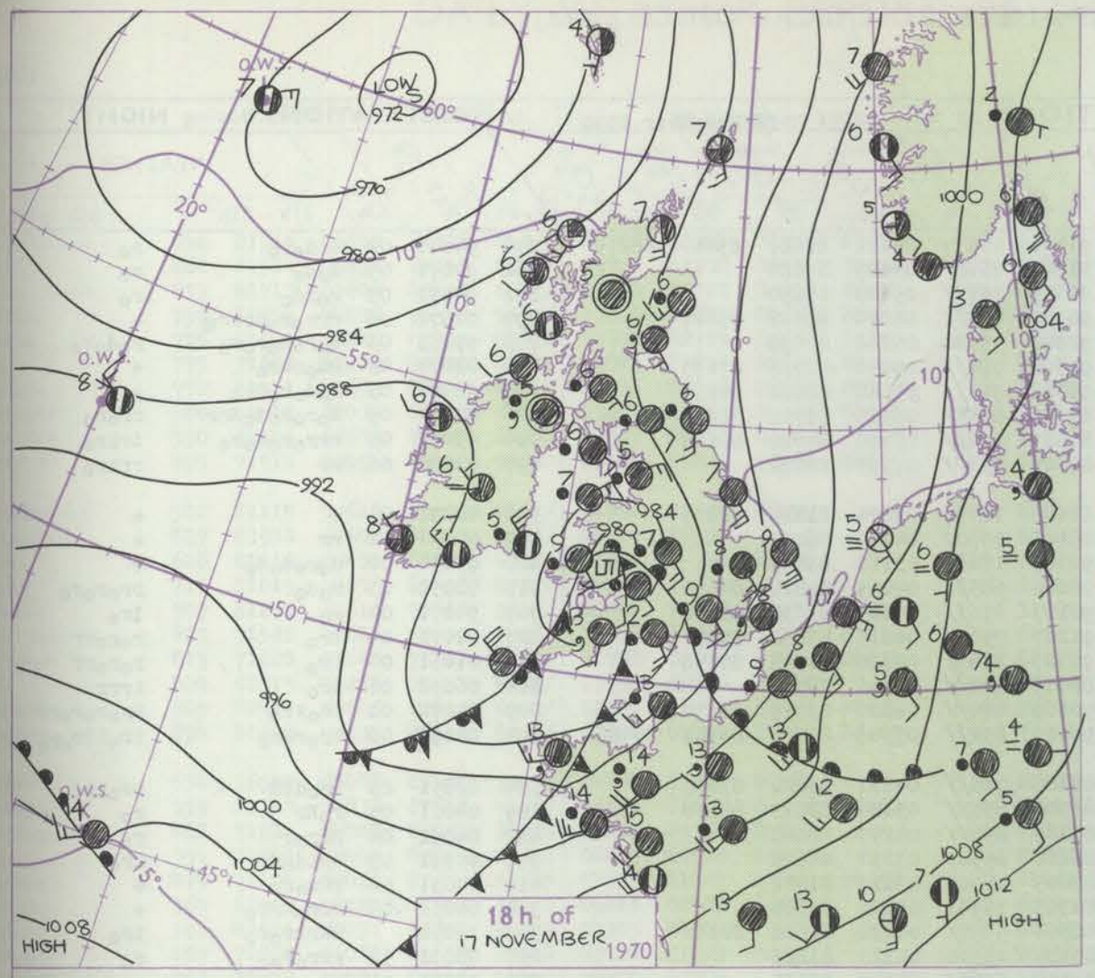
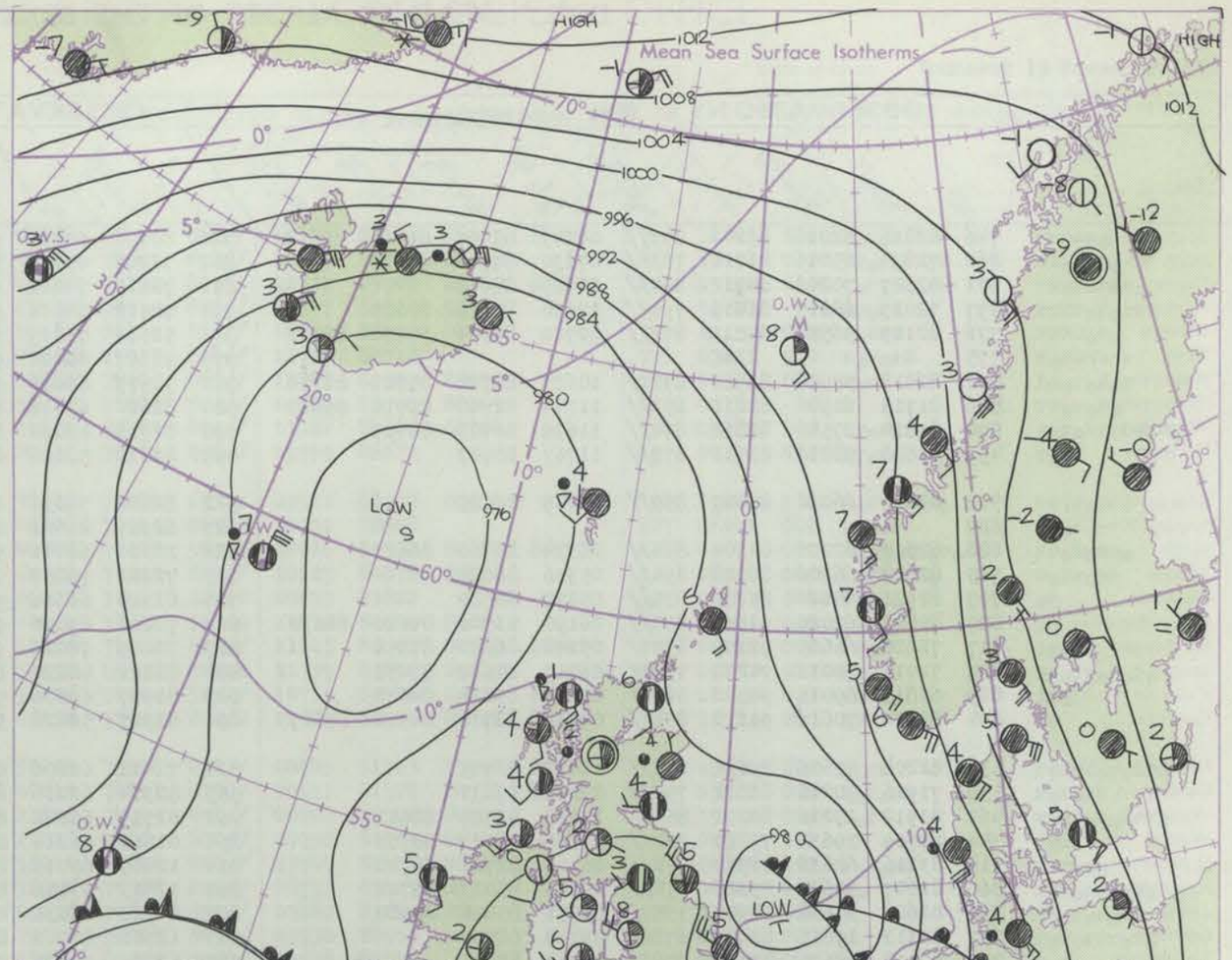
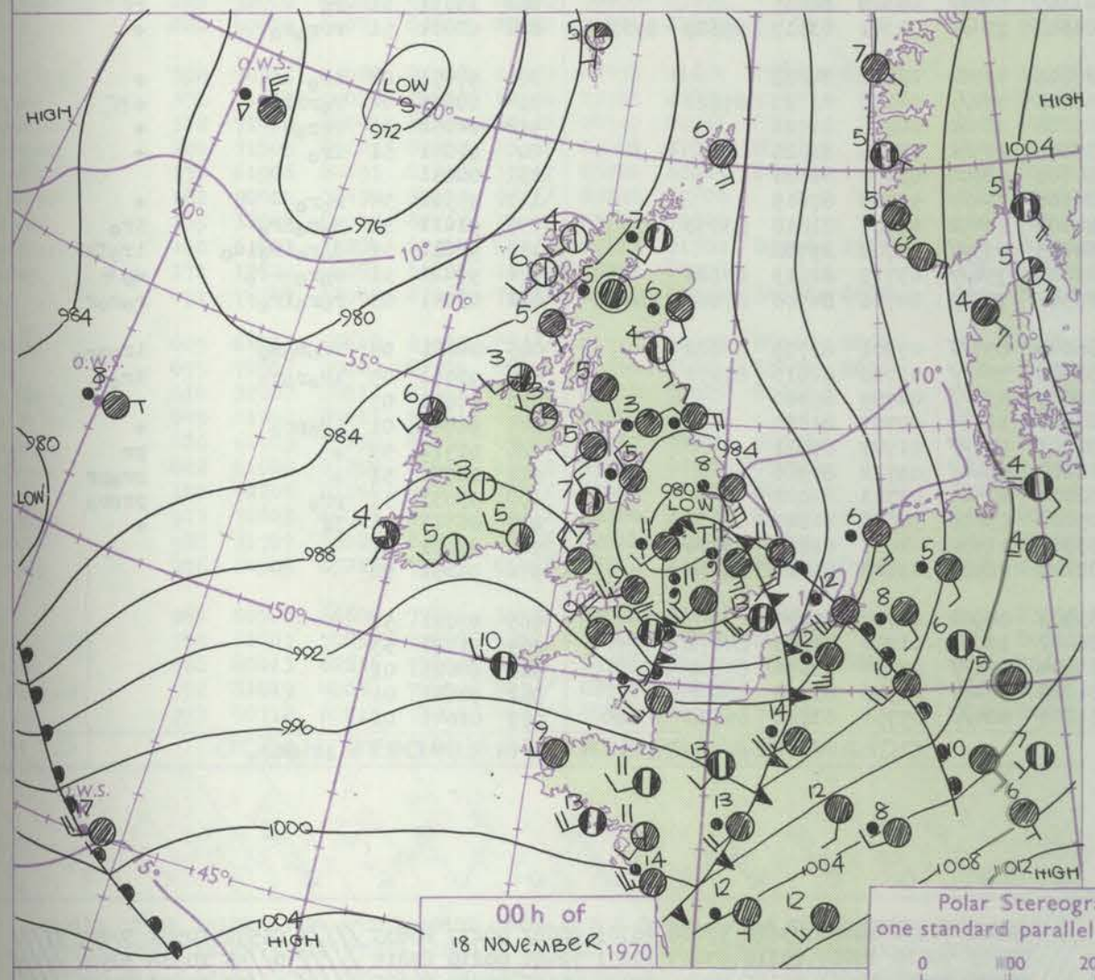
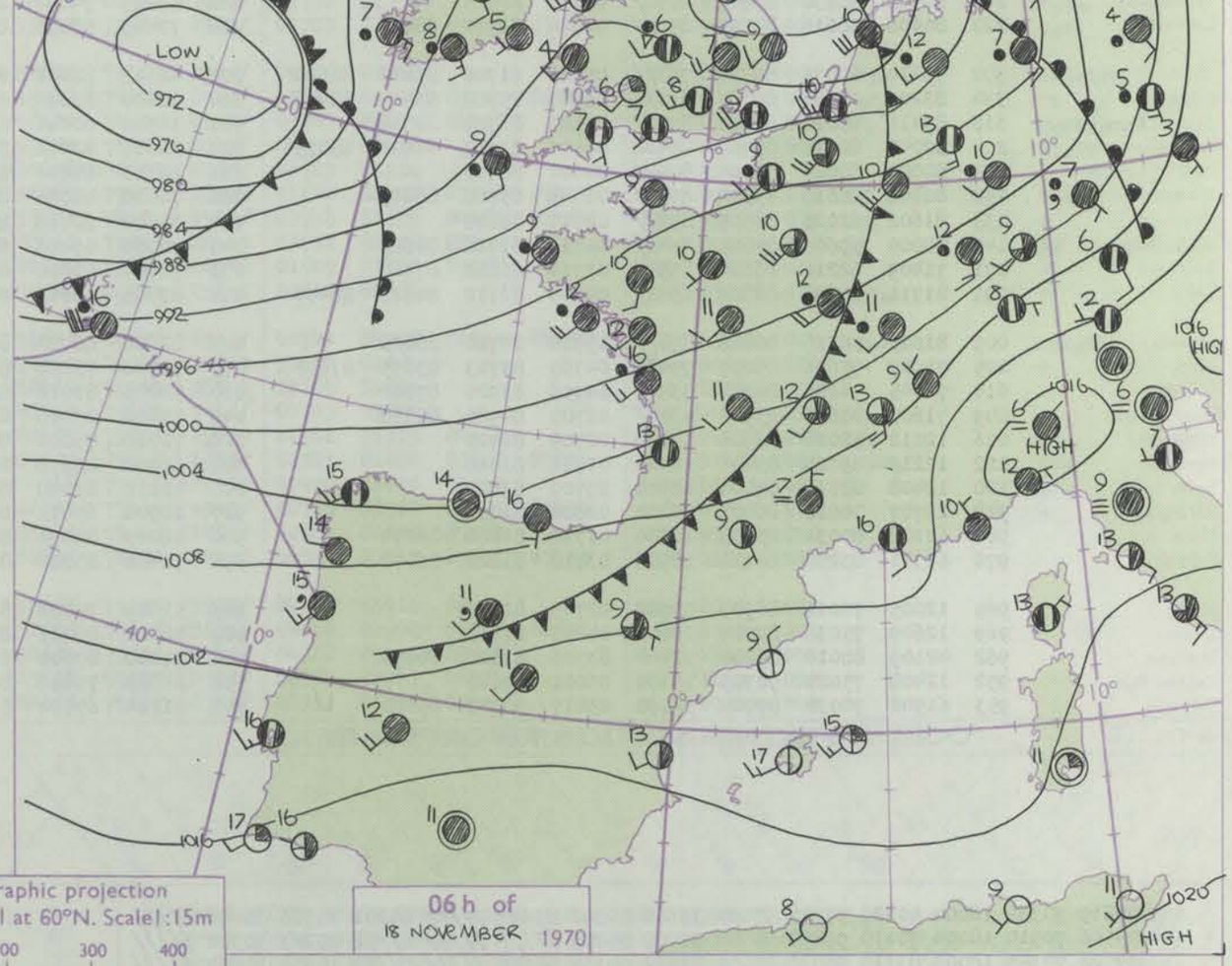
LOW
LOW









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 18 November 1970

The depression about 200 miles south of east Iceland remains almost stationary. The secondary depression off southwest Ireland yesterday morning moved east but then turned northeast crossing Lancashire late in the evening and is now over the central North Sea continuing to move slowly northeast into Norway where it is expected to fill up. A further secondary depression about 300 miles southwest of Ireland moving quickly east is also expected to turn northeast crossing south Wales and the Midlands this evening and tonight moving into the North Sea by tomorrow morning but probably a little further south than its predecessor. To the west of the depression a cold unstable northwest to west airstream is expected to extend southeast across all parts of the British Isles.

Code FM 11.D

OBSERVATIONS at 00h. 18 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82828	62216	83208	853//	07305	83707	85710	88618
Hurn	862	72824	65016	86710	753//	07230	81708	87617	
Thorney Island	871	82327	70206	84912	854//	10509	88616		
Manston	797	72023	68215	85413	754//	12634	82712	87625	
Gatwick	776	82123	56586	84011	872//	10720	81704	84708	88712
Kew	775								
Heathrow	772	82018	58588	81911	872//	10623	81704	85707	88710
Honington	586	81713	61586	82211	853//	11744	82708	85710	85622
Wattisham	590	81814	37586	82811	872//	11639	86703	88709	
Gorleston	497	81826	58216	83711	873//	11767	88707		
Aberporth	502	83023	66026	87407	855//	05249	88625		
Ross-on-Wye	627								
Filton	628	82517	62206	84309	854//	06334	83710	88621	
Rhoose	715	82728	66206	86008	854//	05356	88618		
Chivenor	707	82921	74026	89709	855//	05277	88620		
Mount Batten	827	82821	62026	91509	853//	06150	81706	84620	88632
St. Mawgan	817	72820	66605	92109	6557/	05140	86620	87358	
Scilly	804	72714	74016	94210	4541/	06219	84618	87458	
Culdrose	809	62813	69015	92508	5843/	05144	83818	84628	
Guernsey	894	82524	70616	93110	853//	09232	82708	84710	87617
Elmdon	534	82208	57606	79611	872//	11622	88705		
Cardington	559	71916	70216	80811	756//	09632	87631		
Wittering	462	81912	23216	80211	853//	10738	83708	88611	
Watnall	354	81709	19636	79210	872//	09633	85703	88705	
Shawbury	414	83116	62616	81907	872//	06311	82704	88710	
Finningley	360	81607	50626	79309	872//	09743	83703	88704	
Kilnsea	396	81628	57636	80908	5557/	08751	85620	88360	
Leeming	257	83313	19616	81404	873//	03748	88707		
Tynemouth	262	80918	58636	83907	8052/	06749	88525		
Carlisle	222	80408	58616	84703	854//	02724	82712	88627	
Valley	302	73214	69036	85307	783//	05122	81708	85812	86620
Ringway	334	83207	07636	80707	870//	06507	85700	86704	88708
Squires Gate	318	83411	65616	82905	853//	05500	85709	88614	
Ronaldsway	204	82008	80016	85405	45402	03500	81713	84630	85075
Mull of Galloway	131	80000	80026	85505	8092/	04000	88460		
Eskdalemuir	162	80106	28616	85302	853//	01720	85708	88619	
Prestwick	135	81602	62026	85505	854//	04711	88618		
Abbotsinch	140	80000	59606	85605	854//	04712	81712	88621	
Leuchars	171	71409	62216	86104	6557/	03714	86622	87360	
Dyce	091	81711	64606	86806	6541/	04809	82712	84618	88459
Lerwick	005	81620	58216	86806	854//	05714	84710	88626	
Wick	075	71909	75606	85407	754//	04709	83713	83635	87656
Sule Skerry	010	72005	74028	84207	3357/	04709	83920	87360	
Cape Wrath	049	71802	83606	83905	4357/	02705	84920	85360	
Stornoway	026	12012	82028	82904	19500	02709	81925		
Benbecula	022	12212	85028	83106	12400	02711	81818		
Tiree	100	12408	83018	84004	18501	03709	81820		
Aldergrove	917	22707	50016	86003	25200	02806	81703		
Malin	980	62108	80031	85503	11506	01712	81820	86270	
Belmullet	976	62311	83258	86106	18506	03716	81822	86072	
Birr	965	12005	70011	88903	00902	02705	81070		
Dublin	969	12609	75036	87904	16402	04205	81713		
Shannon	962	42109	80018	89205	12502	03706	81820	84070	
Roches Point	952	12408	75021	90705	15600	03001	81643		
Valentia	953	61902	70038	89904	32530	03817	83823	85360	

OBSERVATIONS at 06h. 18 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82705	66212	91406	15577	04121	81620	83460	88275
Hurn	862	72207	65012	91907	755//	04009	87620		
Thorney Island	871	72615	74022	92509	757//	05423	87650		
Manston	797	72518	64016	90509	754//	05244	82618	87627	
Gatwick	776	52513	75215	91808	55600	05240	85638		
Kew	775	72307	80022	90508	754//	05148	82716	87635	
Heathrow	772	72513	65016	90608	755//	05242	82622	87635	
Honington	586	82620	62016	87107	854//	04258	81712	88623	
Wattisham	590	82718	48026	87807	854//	05358	84710	88618	
Gorleston	497	82412	58026	84009	855//	07335	88620		
Aberporth	502	82008	74031	88604	12507	02804	81825	88275	
Ross-on-Wye	627	62307	81021	89106	00902	04115	86072		
Filton	628	22310	66011	90106	15601	03110	81645		
Rhoose	715	72102	70258	90106	685/1	04005	85820	84630	
Chivenor	707	81710	66606	90107	856//	05809	81635	88650	
Mount Batten	827	70000	69026	91207	756//	06815	83632	87650	
St. Mawgan	817	71409	78026	90307	2567/	05826	82640	87458	
Scilly	804	81611	48622	88409	873//	09846	88706		
Culdrose	809	81907	69606	90009	884//	06828	83715	88630	
Guernsey	894	81917	56626	94010	852//	07806	82705	84706	87708
Elmdon	534	72411	62806	88206	785//	04231	83820	87635	
Cardington	559	82314	62016	88707	855//	05144	82625	88638	
Wittering	462	82715	66026	87207	855//	04249	88625		
Watnall	354	62611	66216	86606	65500	03232	86625		
Shawbury	414	12409	80016	87605	18500	03117	81822		
Finningley	360	12813	67016	84305	10941	03226	81360		
Kilnsea	396	82928	66036	82505	5557/	04236	85620	88360	
Leeming	257	12711	82016	83304	15500	01323	81623		
Tynemouth	262	63215	74026	81105	656//	04309	86635		
Carlisle	222	72405	58036	84603	754//	02301	83617	85623	87630
Valley	302	42613	82021	86806	42401	02000	84818		
Ringway	334	72407	62016	86206	754//	04116	83715	87622	
Squires Gate	318	32915	80016	85608	38400	04206	81712		
Ronaldsway	204	22606	82011	85805	11501	02000	81820		
Mull of Galloway	131	12715	84011	84705	11500	03400	81820		
Eskdalemuir	162	70000	48056	84100	754//	50503	87619		
Prestwick	135	31202	62016	84102	12402	02707	81818	83070	
Abbotsinch	140	70000	09416	84103	773//	02708	87708		
Leuchars	171	72704	61012	83004	754//	03713	82613	87624	
Dyce	091	83505	58616	83504	7532/	04716	84706	87612	88458
Lerwick	005	81620	66026	86006	853//	05301	82709	88622	
Wick	075	71710	75026	83306	754//	03713	82615	87650	
Sule Skerry	010	52005	81012	82607	535//	04709	85920		
Cape Wrath	049	21802	83018	82104	12540	00707	81820		
Stornoway	026	71718	75800	81701	795//	01707	87921		
Benbecula	022	61708	82158	81104	4346/	03712	84916		
Tiree	100	42110	83038	82004	42501	02713	84822		
Aldergrove	917	11908	65011	85000	15600	50810	81640		
Malin	980	42013	82031	83303	11532	02615	81820	83070	
Belmullet	976	71408	83028	82205	28532	03723	81821	86359	
Birr	965	51609	75031	85302	00902	01727	85070		
Dublin	969	52102	80031	86402	15602	01704	81645	84070	
Shannon	962	71210	80601	83904	756//	02737	83630	87640	
Roches Point	952	81613	75606	84208	3747/	04746	83718	88458	
Valentia	953	81114	65608	81207	884//	05755	83711	85820	87630

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	94041	02	drdoro	ro
Hurn	862	97071	05	dodo	ro
Thorney Island	871	94071	05	rordo	ro
Manston	797	02071	06	rrrorodriro	+
Gatwick	776	95051	03	dorodororo	rodoro
Kew	775	01071	05	RdorRro	+
Heathrow	772	93071	05	rodoropro	+
Honington	586	04071	05	dororododrr	rroro
Wattisham	590	03062	05	rrrorodoro	iriro
Gorleston	497	03092	06	rr	rriro
Aberporth	502	00031	01	+	+
Ross-on-Wye	627	01052	02	rr	+
Filton	628	94051	02	dorodo	+
Rhoose	715	01051	03	rodo	prororo
Chivenor	707	94071	04	ro	iro
Mount Batten	827	02071	04	iro	rororr
St. Mawgan	817	01061	04	iro	rororr
Scilly	804	06092	06	iro	irrr
Culdrose	809	05072	03	idoiro	irororor
Guernsey	894	03091	08	irororo	iroiRroro
Elmdon	534	02051	03	rdodRririR	propr
Cardington	559	04061	05	roRr	ro
Wittering	462	04061	04	Rrror	ro
Watnall	354	95051	03	RRidodr	iro
Shawbury	414	04031	50	rRroro	+
Finningley	360	04051	03	rrroRrro	+
Kilnsea	396	12051		RRrrroro	iro
Leeming	257	08031	52	rrroroR	ro
Tynemouth	262	13031	01	rr	rr
Carlisle	222	02011	51	rrroro	+
Valley	302	97051	02	iro	+
Ringway	334	08041	04	rorRf	+fro
Squires Gate	318	04051	03	rrroR	+
Ronaldsway	204	97041	51	iro	+
Mull of Galloway	131	00051			
Eskdalemuir	162	95501	54	roro	+
Prestwick	135	91011	51	doroiro	iro
Abbotsinch	140	95021	51	doroiroido	irofFF
Leuchars	171	97021	51	roro–fo	+f
Dyce	091	05041	03	roroiror	roror
Lerwick	005	04061	05	irororo	iropro
Wick	075	92061	05	irororo	iro
Sule Skerry	010	07050	03		
Cape Wrath	049	92041	01	iropro	+
Stornoway	026	01512	54	+	pr
Benbecula	022	02021	51	+	propr
Tiree	100	93031	51	pro	prpro
Aldergrove	917	00513	55	jf	+
Malin	980	97021	51		
Belmullet	976	96051	02		
Birr	965	97011	51		
Dublin	969	91021	53		
Shannon	962	94021	01		
Roches Point	952	97041	01		
Valentia	953	01041	01		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	18004	40120	97258	95004	39660	00302	83933	/////	05201	10586	30406	/////
B	99566	70510	18004	70110	96858	08750	72500	00209	/////	/////	0//52	10223	30302	/////
C	99526	70355	18003	83115	98026	96004	855//	00116	88625	/////	0//52	10819	30503	/////
D	99440	70411	18003	82833	97028	11015	6542/	00221	86618	88559	0//10	11676	30609	/////
E	99350	70480	18004	11914	97028	22521	11400	00119	81815	/////	0//20	12151	30402	14603
I	99589	70187	18004	83525	97808	76706	734/4	72302	85915	83820	0//04	11013	30404	28907
J	99526	70195	18004	80507	97616	83407	5562/	00728	85630	88458	06003	11267	30501	25905
K	99450	70155	18004	82332	96036	99016	854//	00830	82710	87623	0//13	11605	30604	28008
M	99660	10010	18004	71119	97251	94906	59460	31503	85915	/////	05105	10682	30604	00/0C

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	18064	73628	97028	96703	6856/	00217	86833	/////	05552	10581	30407	/////
B	99565	70510	18064	73318	97858	10251	72400	00210	87815	/////	0//55	10388	30504	/////
C	99526	70355	18063	43125	97015	99405	45500	00215	84620	/////	0//03	10823	30504	/////
D	99440	70410	18063	82631	97022	14014	854//	00213	88615	/////	0//10	11674	30608	/////
E	99351	70477	18064	12013	98020	21421	11400	00709	81815	/////	0//20	12151	30401	14503
I	99590	70191	18064	73630	96808	77406	694/3	00801	83915	85820	0//06	10919	30707	36908
J	99525	70200	18064	73619	98016	81607	756//	71308	83630	87656	06001	11289	30603	25905
K	99450	70157	18064	82444	96616	91716	854//	00837	84710	87623	0//15	11600	30812	/////
M	99658	10019	18064	31621	98018	95008	39440	31502	81915	/////	00205	10700	30604	12903

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39809

Date of Issue Thursday 19 November 1970

Code FM 11.D

OBSERVATIONS at 12h. 18 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81516	56612	84308	872//	08757	83704	86706	88709
Hurn	862	81514	59632	84110	7732/	09762	82708	86712	88535
Thorney Island	871	81717	61608	87011	6542/	09848	83712	84650	88458
Manston	797	81708	74602	90909	5547/	07818	82615	84622	88459
Gatwick	776	71407	58212	87809	55478	08843	82715	85618	87270
Kew	775	71608	62212	87009	6843/	07841	82814	86630	86359
Heathrow	772	81511	70602	87209	48477	06838	82818	83630	85359
Honington	586	71910	62032	88908	40978	03807	81360	84465	87270
Wattisham	590	82008	62032	89408	60977	04811	82362	85464	88270
Gorleston	497	71914	60036	89107	58532	06400	81825	83360	87075
Aberporth	502	81115	59616	79607	2562/	04856	82635	88550	
Ross-on-Wye	627	80910	60602	85307	8052/	05725	88520		
Filton	628	81110	59631	82607	4732/	06860	84708	88550	
Rhoose	715	81015	58656	80408	872//	07873	88705		
Chivenor	707	81217	62616	77010	3542/	08892	82710	88556	
Mount Batten	827	71523	40616	77611	752//	11688	82703	85704	87617
St. Mawgan	817	71620	58616	75711	7837/	11782	81706	83709	85812
Scilly	804	62215	48216	75413	622//	13752	83704	86818	
Culdrose	809	82420	37606	75412	6722/	12784	83703	86705	88460
Guernsey	894	81628	40636	82511	870//	11872	83701	85702	88703
Elmdon	534	71510	68028	85107	70976	04834	83362	87465	
Cardington	559	81307	74032	87008	45677	06831	82640	84656	85462
Wittering	462	71810	64022	86907	30978	05820	83364	87272	
Watnall	354	71904	48046	85807	28442	04820	81818	86072	
Shawbury	414	71105	69031	83907	15576	04836	81627	87468	87272
Finningley	360	62008	58021	85607	20912	05811	82462	86075	
Kilnsea	396	62616	59031	86707	40971	04305	84460		
Leeming	257	72308	66021	84807	18532	03704	81822	86075	
Tynemouth	262	32808	58021	83706	00908	04400	83275		
Carlisle	222	40000	64021	83607	28532	05811	81827	83075	
Valley	302	70912	83022	81308	15528	05838	81624	86465	87275
Ringway	334	71610	57028	84807	11438	03721	81818	87272	
Squires Gate	318	71409	34041	84107	20936	04719	82362	87272	
Ronaldsway	204	71505	86021	82207	28576	03826	81826	87070	
Mull of Galloway	131	61906	84031	81808	32502	03825	83825	86080	
Eskdalemuir	162	90000	02434	83103	9////	03808	89/00		
Prestwick	135	32004	59048	82707	18402	03711	81818		
Abbotsinch	140	61403	15284	82704	661//	04813	81702	83708	85711
Leuchars	171	12714	48051	81806	16302	03712	81708		
Dyce	091	72704	62046	81405	754//	03712	81710	84618	86620
Lerwick	005	81416	66618	83905	853//	04715	82708	84710	88625
Wick	075	72502	89022	81705	48572	04710	81825	83635	86360
Sule Skerry	010	32002	84011	81308	21530	03710	82825	83360	
Cape Wrath	049	21802	85011	80905	12506	01710	81820		
Stornoway	026	62009	75258	80105	49402	05710	84915	85075	
Benbecula	022	61608	81258	80405	49402	05704	83915	83075	
Tiree	100	72208	81158	80307	784//	05709	83818	86650	
Aldergrove	917	70602	66031	81405	16232	02720	81705	83362	87070
Malin	980	71707	86021	81205	18546	02811	81820	87270	
Belmullet	976	80504	85218	79306	6547/	05812	81716	86637	87461
Birr	965	80508	66606	77806	3642/	04838	83716	88458	
Dublin	969	81103	70258	79507	5257/	05740	85820	88462	
Shannon	962	80413	62616	75406	6547/	05746	81713	86628	88457
Roches Point	952	81019	40636	71409	873//	08767	88706		
Valentia	953	80712	60616	71208	4642/	08845	84711	88525	

OBSERVATIONS at 18h. 18 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	82017	40616	73412	872//	12628	83703	86705	88708
Hurn	862	82017	50616	73913	852//	12827	83705	88609	
Thorney Island	871	82027	48616	75312	853//	12732	83706	86709	88621
Manston	797	81927	62612	78913	873//	12747	82708	88709	
Gatwick	776	81814	40626	76213	873//	12635	86707	88712	
Kew	775	81809	48636	75013	874//	12739	88712		
Heathrow	772	81715	57606	75013	873//	12643	83709	88710	
Honington	586	81716	58216	76611	872//	10668	85705	88707	
Wattisham	590	81916	40516	77411	871//	11562	84702	88704	
Gorleston	497	81424	20626	79410	855//	09759	88620		
Aberporth	502	62011	48215	70210	6737/	09511	83707	85630	
Ross-on-Wye	627	81802	48606	71511	8032/	10731	88508		
Filton	628	61910	40606	72112	5532/	10625	81708	84625	86557
Rhoose	715	62008	62016	72011	684//	10517	84818	85656	
Chivenor	707	31707	69018	71911	32501	10607	83822		
Mount Batten	827	62117	62016	73012	65300	11814	82709	86650	
St. Mawgan	817	82115	59216	72012	873//	11613	82708	84709	88711
Scilly	804	62118	56258	69912	68400	11735	83818	85625	
Culdrose	809	72221	50216	71811	5632/	10718	82706	83710	87460
Guernsey	894	72320	66216	77413	653/2	12612	83706	84711	85616
Elmdon	534	81408	56215	73308	872//	08645	81703	85704	87710
Cardington	559	81409	40616	74811	4732/	10653	81708	84712	88523
Wittering	462	81214	23656	74709	871//	08768	85702	88705	
Watnall	354	80812	28216	74907	870//	07758	81701	86702	88708
Shawbury	414	81011	56216	72607	862//	07747	85704	88707	
Finningley	360	80911	56596	76506	873//	06753	85707	88712	
Kilnsea	396	81228	59636	78608	3552/	07862	83620	88460	
Leeming	257	80604	20612	79005	8072/	03730	88550		
Tynemouth	262	71405	58021	80306	7097/	05718	87359		
Carlisle	222	70709	59021	79304	2567/	01723	82630	83359	87462
Valley	302	80524	58626	71007	854//	05650	88618		
Ringway	334	80916	65216	74107	853//	05654	81708	85710	88618
Squires Gate	318	80717	56616	74505	6562/	05747	86635	88556	
Ronaldsway	204	80518	57632	75206	854//	04732	88616		
Mull of Galloway	131	60922	80258	76805	636//	04723	83930		
Eskdalemuir	162	70000	56284	79502	26032	01620	82700	83360	86073
Prestwick	135	70806	57041	79104	1557/	03718	81625	84360	87464
Abbotsinch	140	80000	08412	79803	26407	03712	82712	88270	
Leuchars	171	32605	28110	79801	10942	01609	81362	83075	
Dyce	091	30000	56041	80201	25631	00802	82630		
Lerwick	005	80820	58636	80205	6532/	04720	84708	86612	88530
Wick	075	12702	74021	79900	15600	50502	81640		
Sule Skerry	010	20000	81010	79905	25500	02704	82625		
Cape Wrath	049	71802	83031	79605	745//	00703	87620		
Stornoway	026	40000	82020	79301	19430	01501	81915	84362	
Benbecula	022	71503	87021	79403	12572	02301	81820	83362	87075
Tiree	100	61303	82018	79005	28432	03400	81816	85070	
Aldergrove	917	80505	62022	77404	4547/	02713	82710	84640	87459
Malin	980	70000	85012	78905	1857/	02604	81820	87460	
Belmullet	976	83510	81606	78706	7847/	04304	83717	85635	87459
Birr	965	83611	58636	75005	5742/	04306	85710	88457	
Dublin	969	80315	62636	73606	863//	04618	82708	85712	88620
Shannon	962	83615	58636	75305	874//	04322	85710	88712	
Roches Point	952	83621	65608	69207	874//	06318	86711	88714	
Valentia	953	80221	60616	75607	6742/	04352	86713	88525	

OBSERVATIONS during DAY

Station	iii	RRT T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	12121	000	rorrR	Rrdrro
Hurn	862	15131	000	irorRrr	rrodoro
Thorney Island	871	13132	000	rorprorR	rrorRroro
Manston	797	08131		iror	rrRrorrr
Gatwick	776	15132	001	roRrr	rrRdoro
Kew	775	07131	000	rorrR	rorRroro
Heathrow	772	05132	000	rorR	Rdorodor
Honington	586	05121		r	rrorero
Wattisham	590	05122	003	irorero	rorodrrrdodo
Gorleston	497	04112	011	iroro	ror
Aberporth	502	05101	000	rorerrido	rriropro
Ross-on-Wye	627	06111	000	ro-rr	iro
Filton	628	04121	001	rorrdoro	rrorro
Rhoose	715	05011	000	rorRroro	ropropr
Chivenor	707	06141	001	rrpro	pR
Mount Batten	827	14131	000	rorer	pR
St. Mawgan	817	06131	002	rrRR	iroir
Scilly	804	06132	017	rr	proirorero
Culdrose	809	08132	003	rriro	iro
Guernsey	894	12132	000	rr	rr
Elmdon	534	05091	002	rorr	rRdrdoroiro
Cardington	559	07122	001	rorerR	rorerR
Wittering	462	15112	006	ror	rRRdorodrro
Watnall	354	07081	012	rr	rrff
Shawbury	414	04081	003	rorerR	rrrero
Finningley	360	04081	011	ro	rorerrdrdoro
Kilnsea	396	04092	028	+	irorererr
Leeming	257	03071	025	+	rorerrrero
Tynemouth	262	95071	041	+	roro
Carlisle	222	95081	028	+	ror
Valley	302	05091	000	iror	rrirro
Ringway	334	04081	031	roro	rr
Squires Gate	318	03081	005	+	rorrrorR
Ronaldsway	204	04091	006	+	irorr
Mull of Galloway	131	92091			
Eskdalemuir	162	97051	021	ff	ffiro
Prestwick	135	97071	057	pro	+
Abbotsinch	140	00051	000	Ff	if
Leuchars	171	00073	056	+	+
Dyce	091	97063	018	roro	+
Lerwick	005	05062	000	prorero	rorerr
Wick	075	00093	021	+	+
Sule Skerry	010	00090			
Cape Wrath	049	00071	054	+	+
Stornoway	026	01073	016	pro	+
Benbecula	022	01081	018	prpro	pro
Tiree	100	01081	009	pr	pro
Aldergrove	917	00051	025	+	+
Malin	980	9707	016		
Belmullet	976	0106	000		
Birr	965	1006	000		
Dublin	969	0708	001		
Shannon	962	1707	000		
Roches Point	952	1610	000		
Valentia	953	0908	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

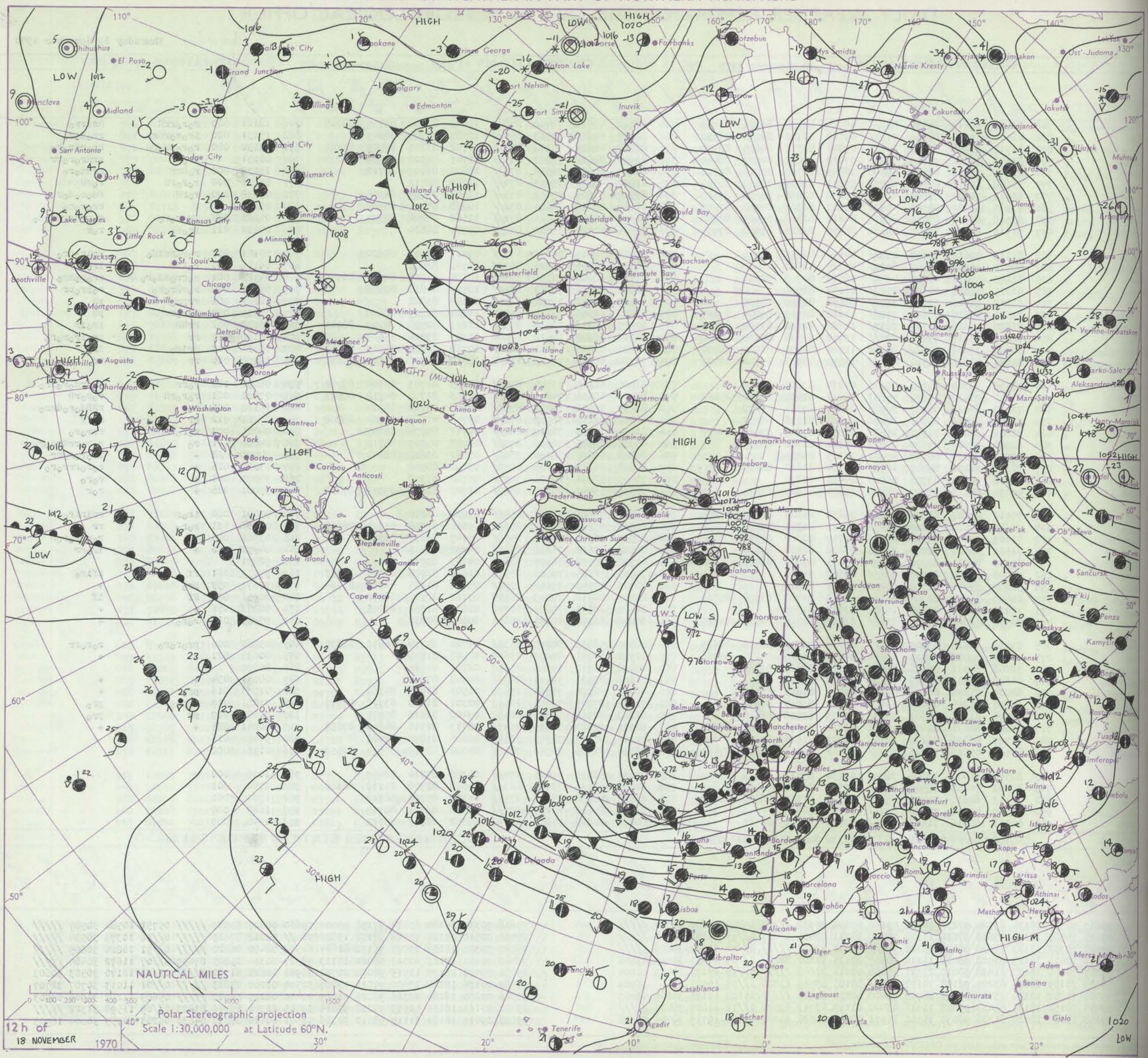
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	18124	63524	97272	99602	59660	00804	85933	/////	05852	10600	30507	/////
B	99565	70508	18124	73618	97028	11600	78400	00211	83810	87635	0//59	10235	30504	/////
C	99525	70352	18123	72925	98022	03305	784//	00218	87815	/////	0//51	10841	30605	/////
D	99440	70410	18123	82918	98022	16214	28507	00115	81825	882//	0//09	11661	30404	23806
E	99349	70480	18123	11818	98010	22321	15600	00214	81640	/////	0//19	12177	30403	31604
I	99589	70189	18124	63225	96158	79107	6943/	00105	83915	83820	0//03	10921	30505	36909
J	99526	70202	18124	23317	99251	86708	29400	00221	82918	/////	05603	11178	30805	02803
K	99450	70158	18124	62638	96808	11416	63440	61102	82713	83823	0//12	11607	30016	/////
M	99658	10024	18124	61320	98038	95506	11571	00507	81826	84067	05104	10717	30705	00/00

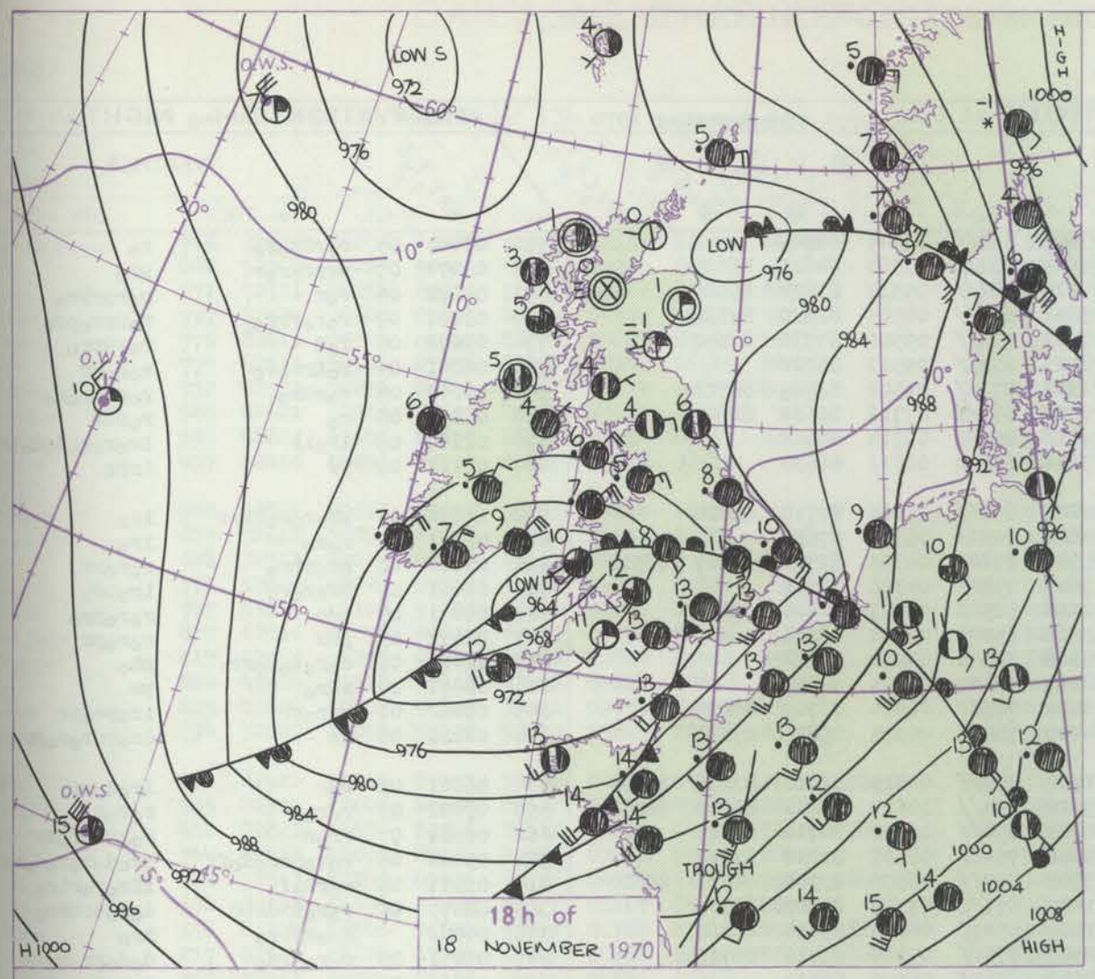
OCEAN WEATHER STATION REPORTS at 18h.

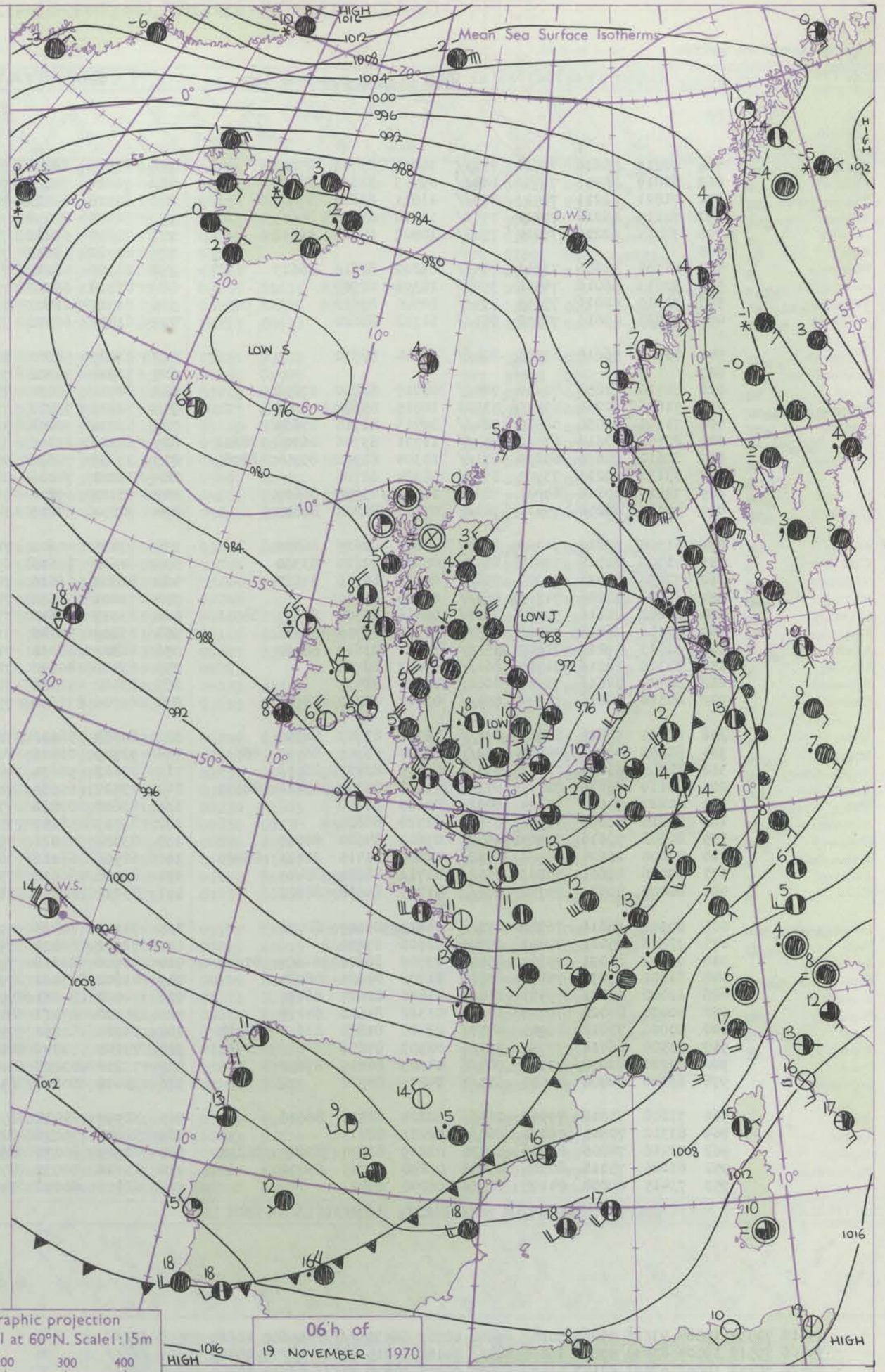
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	18184	63424	97158	95002	59660	00807	85933	/////	05751	10584	30507	/////
B	99565	70510	18184	73422	97158	13800	754//	00212	87615	/////	0//56	10373	30504	/////
C	99527	70355	18183	73025	98152	01604	62508	00400	86820	/////	0//51	10820	30605	/////
D	99440	70411	18183	83017	98022	17113	58527	00314	85825	87459	0//07	11672	30404	/////
E	99350	70480	18184	11919	98020	20722	10941	00620	81362	/////	0//20	12170	30503	30603
I	99589	70186	18184	33030	97011	79207	32500	00201	83823	/////	0//01	11013	30707	32707
J	99526	70200	18184	23316	98028	91009	20400	00225	81918	/////	05603	11257	30906	03903
K	99450	70161	18184	52939	97258	95814	59400	61340	83916	83823	0//09	11598	31322	/////
M	99658	10019	18184	61119	98012	92306	58501	00614	82820	84630	05203	10755	30604	16903

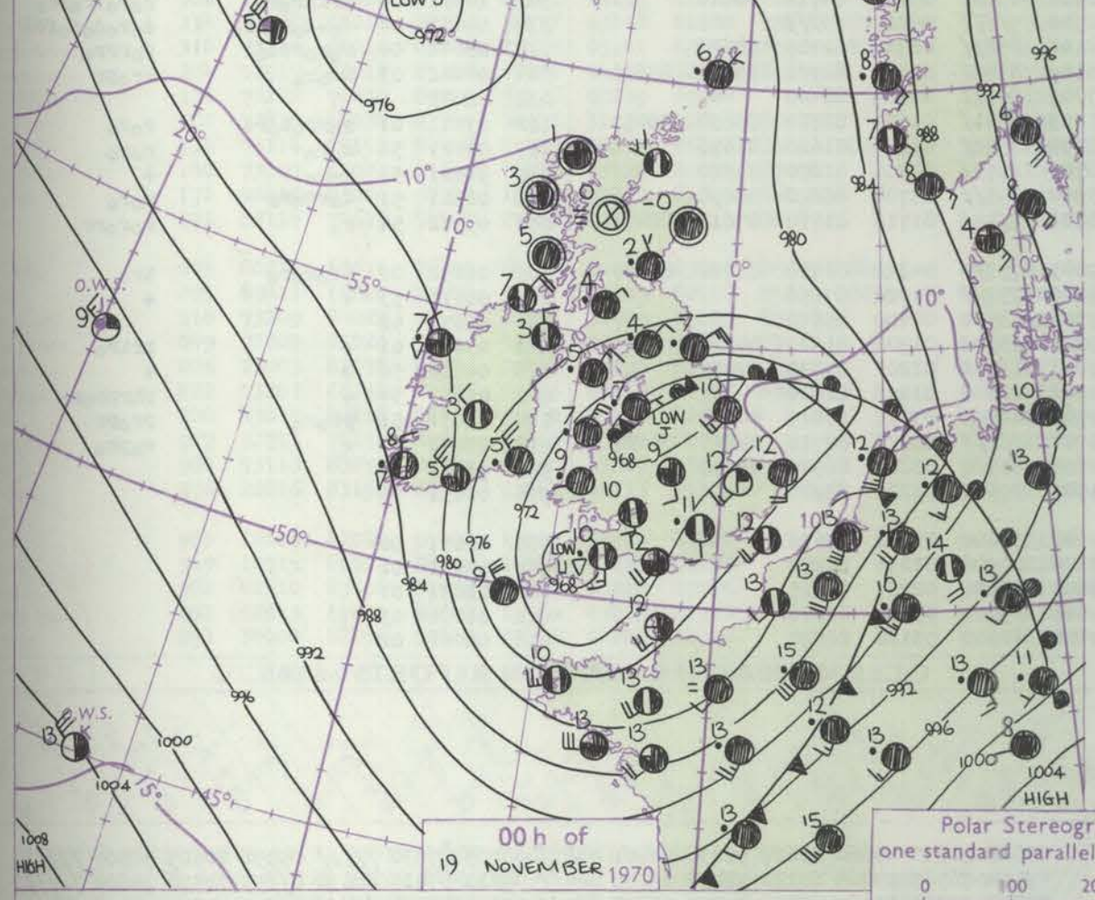
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
1012
1016
1020
1024
1008
1004
1000
996
992
988
984
980
976
972
Whitehorse
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Kresty
Čokurdah
Ostrov Kotel'nyj
Ostrov Zelenovskij
Verchojansk
Oimjakon
Ust'-Judoma
Jakutsk
Tiksi
Tiksi Bay
Ostrov Kotel'nyj
Ostrov Bennett
Ostrov Kotel'nyj
Ostrov Kotel'nyj
Ostrov Kotel'nyj







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 19 November 1970

The depression between Scotland and Iceland remains almost stationary with the other centres in the vicinity of the British Isles moving anticlockwise round it. The low centre which was over the North Sea yesterday has moved to the Norwegian Sea and degenerated into a trough, while the centre which was to the southwest of Ireland has moved northeastwards across England and become complex. This low will follow its predecessor northwards. A broad trough will develop to the west of Britain later today in phase with a wave moving eastwards towards the Bay of Biscay.

Code FM 11.D

OBSERVATIONS at 00h. 19 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72217	58616	72011	754//	10718	85710	87622	
Hurn	862	62019	74256	72712	684//	09513	82815	85625	
Thorney Island	871	71821	62211	74513	755//	11811	85620	87645	
Manston	797	72119	66216	77212	754//	11310	83710	85645	
Gatwick	776	72014	62216	75212	754//	10802	84712	86618	
Kew	775								
Heathrow	772	71708	58606	73911	754//	09002	82616	86625	
Honington	586	32013	66016	74312	35400	10301	82710		
Wattisham	590	72110	58016	75011	754//	10500	87618		
Gorleston	497	81820	48616	74112	855//	11712	88620		
Aberporth	502	82502	56618	69409	874//	09604	88710		
Ross-on-Wye	627								
Filton	628	71710	74258	70210	785//	08717	82820	87656	
Rhoose	715	51606	80258	69210	55500	10719	85620		
Chivenor	707	71105	74038	68510	784//	09713	81710	87635	
Mount Batten	827	82718	40618	67411	853//	11731	83706	86708	88616
St. Mawgan	817	82610	28636	69210	871//	10304	82702	85704	88709
Scilly	804	83130	59216	73709	873//	08364	88708		
Culdrose	809	72915	40216	69911	783//	10313	83708	86627	
Guernsey	894	72136	66258	75411	785//	07710	84825	86635	
Elmdon	534	61708	63212	71309	2557/	08805	82625	86359	
Cardington	559	41708	80016	73210	25531	08007	82620	83360	
Wittering	462	72008	74026	72910	754//	09309	85710	87615	
Watnall	354	82208	11286	71709	864//	09503	88710		
Shawbury	414	82202	40616	70508	7532/	08606	85708	86625	88540
Finningley	360	72506	26216	71008	753//	08510	83709	87626	
Kilnsea	396	82013	59216	71610	3552/	10621	83620	88460	
Leeming	257	83308	28216	71707	862//	07627	88703		
Tynemouth	262	80525	58616	73707	8062/	07740	88535		
Carlisle	222	80310	48616	74704	854//	03722	82710	88622	
Valley	302	83625	56616	70807	872//	06308	83703	88705	
Ringway	334	81503	40216	70809	852//	08704	83705	86707	88612
Squires Gate	318	80706	65616	71107	853//	06505	82707	88612	
Ronaldsway	204	80116	58636	73705	853//	03502	81707	85711	88635
Mull of Galloway	131	80227	74618	75304	8092/	03605	88458		
Eskdalemuir	162	80313	56696	75902	855//	01720	88625		
Prestwick	135	80608	50616	77904	4552/	03603	84620	88550	
Abbotsinch	140	80000	22604	78402	4542/	02805	81715	84632	88460
Leuchars	171	83506	48601	78202	6552/	01711	86620	88459	
Dyce	091	80000	50041	79750	854//	51705	84618	88620	
Lerwick	005	80507	66616	76906	872//	06613	85705	88708	
Wick	075	72806	75021	79801	00906	50501	87270		
Sule Skerry	010	72302	81031	79107	25576	03706	82620	84360	87270
Cape Wrath	049	81802	83031	79104	4551/	01702	84625	88460	
Stornoway	026	60000	66021	79401	25502	01400	82625	86075	
Benbecula	022	50000	84028	79703	15608	01302	81630	84275	
Tiree	100	80000	75018	78905	4857/	03400	81820	83630	88460
Aldergrove	917	73508	66016	77703	757//	02303	87656		
Malin	980	70220	83038	79307	784//	04303	84819	87650	
Belmullet	976	63310	80808	81507	535/2	04215	85920		
Birr	965	73108	70016	79903	754//	02224	82718	86636	
Dublin	969	83312	70605	76804	864//	02221	88715		
Shannon	962	73116	74806	81206	58536	03229	83827	83645	86270
Roches Point	952	63125	75016	80305	25432	03258	81715	85070	
Valentia	953	73415	60808	84108	725//	06240	87821		

OBSERVATIONS at 06h. 19 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82719	66036	73609	863//	07249	88706		
Hurn	862	72822	74256	76609	784//	05367	84815	86620	
Thorney Island	871	62518	64212	74210	684//	09314	81814	86645	
Manston	797	62030	80038	75511	685//	08503	82820	85636	
Gatwick	776	72318	65216	73511	754//	09501	83712	87650	
Kew	775	82213	58616	72011	874//	09510	88712		
Heathrow	772	82320	58216	71311	873//	09508	82709	88713	
Honington	586	81716	66026	72010	854//	07712	86618	88625	
Wattisham	590	81917	61602	72510	854//	08714	88613		
Gorleston	497	61821	60216	73211	65600	08611	86630		
Aberporth	502	83129	58602	80205	854//	05165	87710	88620	
Ross-on-Wye	627	72914	70606	74607	7052/	05330	87520		
Filton	628	82914	56638	75507	6722/	04365	81703	86707	88518
Rhoose	715	72925	75218	77607	754//	04376	87616		
Chivenor	707	53031	70258	81108	58500	03283	84820	83628	
Mount Batten	827	62928	61216	83508	65400	04284	86616		
St. Mawgan	817	33031	78018	85108	32500	03272	83824		
Scilly	804	33021	74016	88509	32400	04259	83818		
Culdrose	809	73122	69606	86007	783//	02274	83709	86628	
Guernsey	894	72834	60218	84209	784//	05375	85816	87630	
Elmdon	534	73105	40602	71308	754//	08315	82710	83636	87650
Cardington	559	81812	60616	69110	854//	10624	85711	86618	88631
Wittering	462	81803	56616	70209	854//	09511	84710	88615	
Watnall	354	73201	56586	71008	754//	08305	82712	87647	
Shawbury	414	83017	66616	73707	853//	06336	83708	84711	88620
Finningley	360	83309	56586	71407	871//	07309	84702	88704	
Kilnsea	396	81811	66036	71409	5567/	08604	85630	88360	
Leeming	257	83412	40596	72307	874//	05314	83710	88712	
Tynemouth	262	83532	58616	70106	8052/	06506	88525		
Carlisle	222	83006	32636	75305	853//	03317	82708	86714	88622
Valley	302	83329	56616	78206	854//	03241	84712	88616	
Ringway	334	92709	05516	70708	9////	08315	89///		
Squires Gate	318	83412	58636	74106	853//	06332	82707	88626	
Ronaldsway	204	83317	65636	78105	854//	02233	82712	83715	88620
Mull of Galloway	131	83618	80026	77805	8092/	02324	88460		
Eskdalemuir	162	83519	58057	75203	6541/	01309	82710	86630	88459
Prestwick	135	83506	70026	78404	7553/	01306	81626	86656	
Abbotsinch	140	62906	65016	78103	1573/	02400	81650	86360	
Leuchars	171	83108	66616	75904	855//	03708	86620	88650	
Dyce	091	83217	60616	76703	7542/	01716	81710	87618	88458
Lerwick	005	71905	80216	79705	753//	04318	82708	83628	87640
Wick	075	72902	86032	79200	757//	51706	87656		
Sule Skerry	010	50000	82018	79306	53500	04400	85920		
Cape Wrath	049	41802	83011	79205	15506	01702	81620	84270	
Stornoway	026	40000	84011	79601	11602	01201	81830	84075	
Benbecula	022	30000	87011	80301	12508	01203	81820		
Tiree	100	63310	80252	79905	684//	03205	83816	84632	
Aldergrove	917	73107	70806	80704	784//	03218	82710	84815	86624
Malin	980	73218	83028	80608	635/2	03209	86920	83070	
Belmullet	976	33016	80808	85506	39500	02222	83920		
Birr	965	32907	79911	85604	35600	02232	83636		
Dublin	969	52912	75036	82304	00906	02235	85270		
Shannon	962	22909	80038	86604	22500	02227	82825		
Roches Point	952	13126	80031	87606	19401	03236	81918		
Valentia	953	62917	60038	89408	62500	03126	86820		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	07061	05	roRRdoro	ro
Hurn	862	03071	07	prproror	pro
Thorney Island	871	04072	06	ror	rororiro
Manston	797	03101	09	rororrro	roprropro
Gatwick	776	05072	07	roR	rorRpro
Kew	775	06091	07	roRrroro	roroRr
Heathrow	772	08092	08	rorRro	rorrRroro
Honington	586	01091	08	ro	rordr
Wattisham	590	02102	08	iroir	irororodododiro
Gorleston	497	02112	08	ir	irpr
Aberporth	502	14051	05	prororoRRrr	iro
Ross-on-Wye	627	01061	05	roro	iro
Filton	628	07071	06	proprro	rororr
Rhoose	715	03061	05	prprorо	iropro
Chivenor	707	04071	05	prr	roropro
Mount Batten	827	08071	05	pRR	roropr
St. Mawgan	817	02061	05	dorodororr	pho
Scilly	804	02071	04	roro	pr
Culdrose	809	03062	01	rororr	iropropr
Guernsey	894	01081	06	pr	irorrrroropro
Elmdon	534	96061	03	ror	irororo
Cardington	559	07082	06	roror	roror
Wittering	462	06081	07	rroR	rorRdorodr
Watnall	354	05062	06	rororRrodoff	rrodororodoro
Shawbury	414	03051	04	rorRif	ifrororiro
Finningley	360	08071	05	rororRdrDR	dorodrDRro
Kilnsea	396	04082		irorriro	iro
Leeming	257	07051	05	roroRrdo	dodorroro
Tynemouth	262	12061	04	rr	rrroro
Carlisle	222	06032	03	rrroro	rororrro
Valley	302	10051	05	iriRroro	roroiropro
Ringway	334	04052	04	do-doro-ro	dorodododfdd
Squires Gate	318	08042	04	rororRdo	dorrro
Ronaldsway	204	04041	03	Rroro	rropr
Mull of Galloway	131	02031			
Eskdalemuir	162	03021	01	rorroSors	roro
Prestwick	135	01021	52	roro	roro
Abbotsinch	140	91011	51	roro	+
Leuchars	171	02541	51	rorroro	roro
Dyce	091	05512	54	ro	rororr
Lerwick	005	01052	02	irororo	iro
Wick	075	00511	53	+	+
Sule Skerry	010	02031	52		
Cape Wrath	049	03032	01	+	iriro
Stornoway	026	00512	56	+	+
Benbecula	022	01011	54	+	phrphoro
Tiree	100	01031	51	proro	propr
Aldergrove	917	02032	01	ro	ropro
Malin	980	91061	02		
Belmullet	976	01051	02		
Birr	965	02031	00		
Dublin	969	02031	01		
Shannon	962	01031	01		
Roches Point	952	01051	03		
Valentia	953	04061	02		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70332	19004	73626	97268	93203	69660	00709	86933	/////	05600	10623	30507	/////
B	99566	70510	19004	83430	97858	16550	884//	00108	84815	88625	0//54	10329	30604	/////
C	99526	70253	19003	62923	97157	01503	68500	00803	84820	/////	0//52	10807	30605	/////
D	99440	70410	19003	83020	98022	18213	854//	00008	88618	/////	0//07	11681	31404	/////
E	99351	70481	19004	72017	97031	21621	45572	00105	84620	86362	0//29	12174	30604	99/04
I	99589	70184	19004	52930	97251	78805	59400	61302	82918	83820	0//03	10984	30505	33708
J	99525	70199	19004	22913	99038	93109	22500	00105	82823	/////	05602	11245	30906	/////
K	99451	70164	19004	43031	97018	04213	43500	71230	81920	83823	0//07	11600	31318	/////
M	99659	10017	19004	81026	98802	88605	855//	11612	88620	/////	05402	10778	30705	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	19064	83627	96838	91301	7967/	00705	87930	/////	05951	10605	30507	/////
B	99564	70507	19064	83221	97858	19050	884//	00213	84815	88630	0//55	10378	30685	/////
C	99527	70355	19063	82840	97882	01603	825//	00309	88820	/////	0//01	10805	30506	/////
D	99440	70411	19063	43122	98258	19011	48500	00312	82825	/////	0//05	11673	30505	/////
E	99351	70479	19064	72114	97026	20721	784//	00603	83815	87650	0//20	12172	30503	99/04
I	99589	70188	19064	52916	97258	79506	23502	61006	82820	84070	0//03	10921	30403	33806
J	99525	70203	19064	72716	97808	90807	735//	00208	84914	83825	05905	11207	30905	03206
K	99452	70166	19064	42830	97138	05613	49400	71206	81916	83823	0//07	11588	31418	/////
M	99658	10023	19064	81421	98022	87706	856//	21602	88640	/////	05203	10746	30705	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39810 — Date of Issue: Friday 20 November 1970

OBSERVATIONS at 12h. — 19 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	NhCLhCMCH	TdTdapp	8NsChshs	8NsChshs	8NsChshs
Boscombe Down	746	72923	80256	89208	785//	03161	86822	86640	
Hurn	862	52718	82028	90710	48530	03259	84825		
Thorney Island	871	72721	80256	89709	5253/	05264	85826	86362	
Manston	797	82520	78608	85507	855//	05272	86620	88635	
Gatwick	776	82618	70618	88007	885//	04275	85820	88630	
Kew	775	82713	80606	87008	854//	03272	86715	88626	
Heathrow	772	72722	70256	86508	785//	03274	83820	87624	
Honington	586	82621	62216	82007	864//	03273	88710		
Wattisham	590	82823	61606	82607	854//	04270	86711	88615	
Gorleston	497	82416	56608	79509	854//	07263	88618		
Aberporth	502	52821	80026	89607	58501	03244	85820		
Ross-on-Wye	627	72612	77026	87908	1851/	04253	81825	87460	
Filton	628	32713	72016	88909	12532	02156	81825	83075	
Rhoose	715	52820	82028	89808	52532	04251	85820		
Chivenor	707	53020	74148	91909	52500	03145	85828		
Mount Batten	827	62816	74258	94010	69400	05242	81916	84820	
St. Mawgan	817	62919	74278	94609	69500	02240	81920	85830	
Scilly	804	42914	81028	96010	43400	05226	82818	84925	
Culdrose	809	43014	80028	94809	39401	02136	81916	83818	
Guernsey	894	52820	82258	95110	59503	03243	82920	84823	
Elmdon	534	82920	63216	85407	3547/	02266	83619	86360	88464
Cardington	559	82521	82606	84507	854//	03269	85715	88620	
Wittering	462	82823	62586	82906	7541/	03275	85710	86625	88459
Watnall	354	82913	48606	83905	4552/	03268	84620	88460	
Shawbury	414	72813	82256	85906	6852/	04155	81820	85650	87458
Finningley	360	82916	56596	82205	873//	03267	85707	88710	
Kilsea	396	83224	48506	79007	5547/	06368	83710	85620	88360
Leeming	257	82916	66216	81505	6542/	02251	82712	86636	88460
Tynemouth	262	72913	61026	79006	7097/	04236	87358		
Carlisle	222	62810	70016	82106	18442	02230	81817	86075	
Valley	302	62924	80028	87208	62402	04239	81813	86818	
Ringway	334	73008	60216	84205	3857/	03158	81820	83640	87360
Squires Gate	318	73116	70016	83808	22532	05141	82822	85360	86075
Ronaldsway	204	52917	86018	85308	28402	04238	82818	84075	
Mull of Galloway	131	73222	74818	84705	735//	03239	87920		
Eskdalemuir	162	72810	66032	81305	38573	51232	81825	84075	
Prestwick	135	73114	75151	82408	59432	05224	81918	84821	85070
Abbotsinch	140	73007	81021	81606	18532	03120	81822	87070	
Leuchars	171	42819	89016	78706	18432	02220	81818	84072	
Dyce	091	83118	70616	76404	2742/	03206	82715	88545	
Lerwick	005	80212	62616	76805	6532/	04726	83708	85625	88556
Wick	075	83411	66626	77505	5532/	04709	82708	85615	88550
Sule Skerry	010	73209	84022	78608	4257/	04709	84825	87458	
Cape Wrath	049	72305	83026	79306	5257/	03705	85820	87360	
Stornoway	026	23003	82038	80807	19502	05102	81920		
Benbecula	022	53203	66258	82806	59363	03213	81708	83912	
Tiree	100	43015	82158	82907	39460	03311	82916		
Aldergrove	917	32711	70158	85906	33460	03224	82915		
Malin	980	53113	83258	85507	53500	03223	83920		
Belmullet	976	22816	83158	88908	13562	01113	81920		
Birr	965	12609	82020	90408	18500	03120	81822		
Dublin	969	12715	80021	88606	18540	03230	81823		
Shannon	962	42610	83808	91408	43500	03220	83920		
Roches Point	952	12613	81020	92808	19400	03218	81918		
Valentia	953	30000	82258	92809	33503	04208	82924		

OBSERVATIONS at 18h. — 19 November 1970

Station	iii	Nddff	VVwwW	PPPTT	NhCLhCMCH	TdTdapp	8NsChshs	8NsChshs	8NsChshs
Boscombe Down	746	22506	74801	97505	29500	03235	82928		
Hurn	862	02409	62011	97707	00900	03137			
Thorney Island	871	12610	82028	97908	19500	04138	81920		
Manston	797	32412	80016	96807	38500	03247	81825	83645	
Gatwick	776	12508	80026	97304	15700	02241	81650		
Kew	775	02307	70016	96607	00900	03144			
Heathrow	772	02410	80018	96207	00900	03243			
Honington	586	62409	62016	93806	15632	03248	81635	83360	85072
Wattisham	590	52508	75216	94705	25531	03252	82625	83075	
Gorleston	497	82414	60216	92907	856//	04257	88630		
Aberporth	502	71908	80251	94706	725//	03224	87822		
Ross-on-Wye	627	12308	81028	95306	13500	01230	81925		
Filton	628	12107	74011	96106	19500	03229	81920		
Rhoose	715	52912	75258	96008	59500	04227	81920	83824	
Chivenor	707	22109	82258	96407	19503	05129	81925		
Mount Batten	827	12704	69258	98007	19501	05120	81924		
St. Mawgan	817	61808	70258	97507	39502	04113	82920	86070	
Scilly	804	40000	81021	97208	49502	04002	84920		
Culdrose	809	62408	80028	97009	49401	04106	82916	83820	86070
Guernsey	894	32516	82018	00009	32500	04223	83822		
Elmdon	534	12511	63026	94306	00901	01246	81070		
Cardington	559	02213	66016	95005	00900	03244			
Wittering	462	22510	80018	93605	15602	03244	81645		
Watnall	354	02508	56258	93204	00900	02244			
Shawbury	414	12308	80028	93803	19400	01134	81918		
Finningley	360	52406	57046	91406	15632	04146	81640	85075	
Kilsea	396	32717	61016	90706	30970	04247	83360		
Leeming	257	02809	82011	89906	00900	02243			
Tynemouth	262	22611	66011	87206	20970	04239	82358		
Carlisle	222	42614	74031	89005	48500	03139	81822	84640	
Valley	302	32518	82021	92607	32400	01226	83818		
Ringway	334	72712	59808	92406	784//	02243	83713	86820	
Squires Gate	318	63113	60258	91607	695//	02238	83920	84824	
Ronaldsway	204	72411	84038	91207	785//	03230	82820	87657	
Mull of Galloway	131	12516	80018	89506	15600	02230	81645		
Eskdalemuir	162	52510	78012	88203	35602	01238	83630	83075	
Prestwick	135	22911	75258	87906	29500	02226	81920		
Abbotsinch	140	12307	75011	86903	18501	01230	81825		
Leuchars	171	32510	84021	84803	15602	01231	81640	83070	
Dyce	091	52818	80012	82305	25502	01236	82620	85070	
Lerwick	005	83114	40656	72606	6722/	05709	82705	86708	88528
Wick	075	62915	80258	79505	28402	03215	81815	86068	
Sule Skerry	010	63412	74012	79607	32506	04212	83820	86270	
Cape Wrath	049	62712	83166	80507	435/5	00209	84920	83270	
Stornoway	026	12311	80020	83101	19500	01213	81920		
Benbecula	022	22610	80018	84606	23400	04212	82919		
Tiree	100	63119	75808	85805	5946/	03217	85918		
Aldergrove	917	22205	80011	90203	28530	01224	81820		
Malin	980	72913	80808	88406	735//	03219	87920		
Belmullet	976	42104	83011	89904	28502	02104	81820		
Birr	965	21805	80011	92704	15602	01109	81635		
Dublin	969	22408	66030	92904	28400	01223	81818		
Shannon	962	31708	80018	92506	12502	04102	81820	83070	
Roches Point	952	21801	81011	93606	11403	04002	81818		
Valentia	953	81708	82808	92407	72500	05502	87825		

OBSERVATIONS during DAY

Station	iii	RRTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91091	038	iropro	pro
Hurn	862	97111	054	pro	+
Thorney Island	871	97101	035	ro	pro
Manston	797	97111		ircroro	iro
Gatwick	776	01091	019	rorroro	+
Kew	775	01091	011	rorRiro	jp
Heathrow	772	01101	014	rorpro	+
Honington	586	04101		dr-rdoro-roro	roror
Wattisham	590	01102	000	irodorororo	roroiro
Gorleston	497	03132	000	irorrroro	roror
Aberporth	502	92081	048	+	pro
Ross-on-Wye	627	97091	025	pro	pro
Filton	628	02091	038	ro	pr
Rhoose	715	91091	047	pro	prophoropro
Chivenor	707	01111	030	prophr	pro
Mount Batten	827	96111	057	pro	prophoro
St. Mawgan	817	01111	052	prophoro	pr
Scilly	804	01131	062	+	prpro
Culdrose	809	95111	050	prpr.	pro
Guernsey	894	01111	043	prophoro	pro
Elmdon	534	97091	023	roroiro	jp
Cardington	559	92091	006	roroiro	+
Wittering	462	01081	000	rodrroro	pro
Watnall	354	02091	000	ror	pro
Shawbury	414	94091	017	iropro	pro
Finningley	360	03071	000	rodorodrdrr	+
Kilsea	396	03091	000	iridorrroro	roro
Leeming	257	04071	003	ror	+
Tynemouth	262	97061	000	iro	+
Carlisle	222	91081	035	roro	+
Valley	302	00091	054	+	+
Ringway	334	03081	000	rrrorophoro	pro
Squires Gate	318	91091	012	roropro	pro
Ronaldsway	204	91091	052	+	pro
Mull of Galloway	131	01081			
Eskdalemuir	162	91061	026	+	pro
Prestwick	135	97081	027	+	pro
Abbotsinch	140	00081	041	+	+
Leuchars	171	00071	031	+	+
Dyce	091	03061	001	rrroro	+
Lerwick	005	27062	000	roroRRR	RRroorrdoro
Wick	075	05061	000	1Rpr	prop
Sule Skerry	010	00080			
Cape Wrath	049	96071	002	ir	prphr
Stornoway	026	92081	055	pro	+
Benbecula	022	01081	038	phoropr	pro
Tiree	100	02081	035	pRphr	pHRpro
Aldergrove	917	00081	057	jp	jp
Malin	980	0108	036		
Belmullet	976	9109	061		
Birr	965	9709	064		
Dublin	969	0008	072		
Shannon	962	9510	037		
Roches Point	952	9710	070		
Valentia	953	0111	048		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

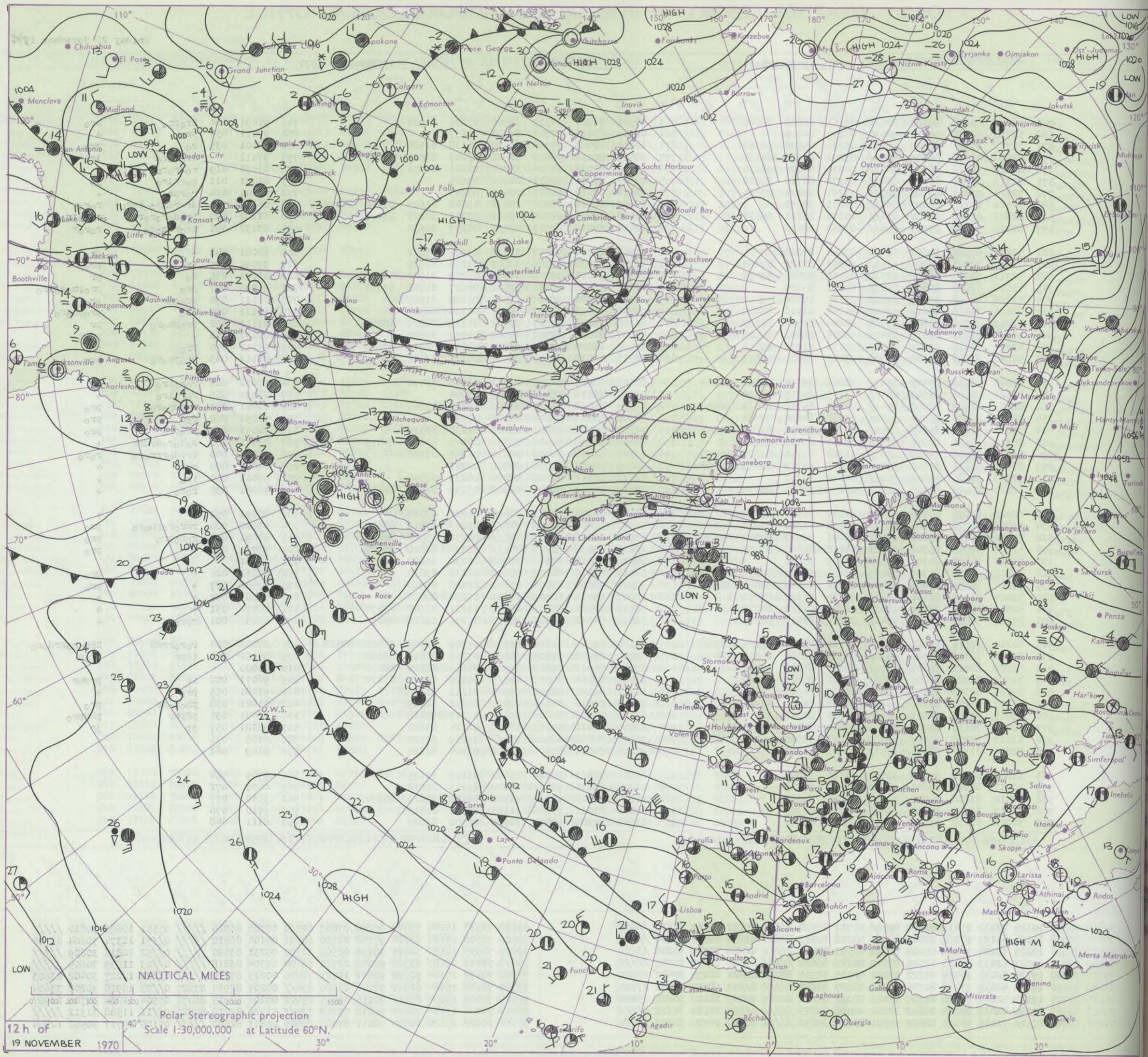
O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	NhCLhCMCH	DsvsaPP	8NsChshs	8NsChshs	OTsTsTdTd	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw
A	99618	70332	19124	73532	97832	89902	6956/	00711	86920	/////	05751	10561	30610	/////
B	99565	70508	19124	83123	97268	20800	884//	00212	84812	88630	0//54	10365	30604	/////
C	99527	70355	19123	73024	98268	00004	73500	00503	87920	/////	0//00	10780	30606	/////
D	99440	70410	19123	63433	98028	22510	65500	00225	86620	/////	0//03	11673	30705	/////
E	99350	70480	19124	82010	98032	21722	26401	00106	82710	880//	0//21	12171	30402	23602
I	99590	70190	19124	42814	97038	80706	49403	00307	82918	/////	0//03	10917	30404	27705
J	99525	70200	19124	72620	96808	89707	69403	00001	85912	83067	05803	11197	30805	23104
K	99453	70167	19124	42822	98018	06813	38662	00006	82833	/////	0//07	11584	31312	/////
M	99658	10024	19124	71116	98032	88807	55770	00603	85650	/////	00106	10725	30502	12804

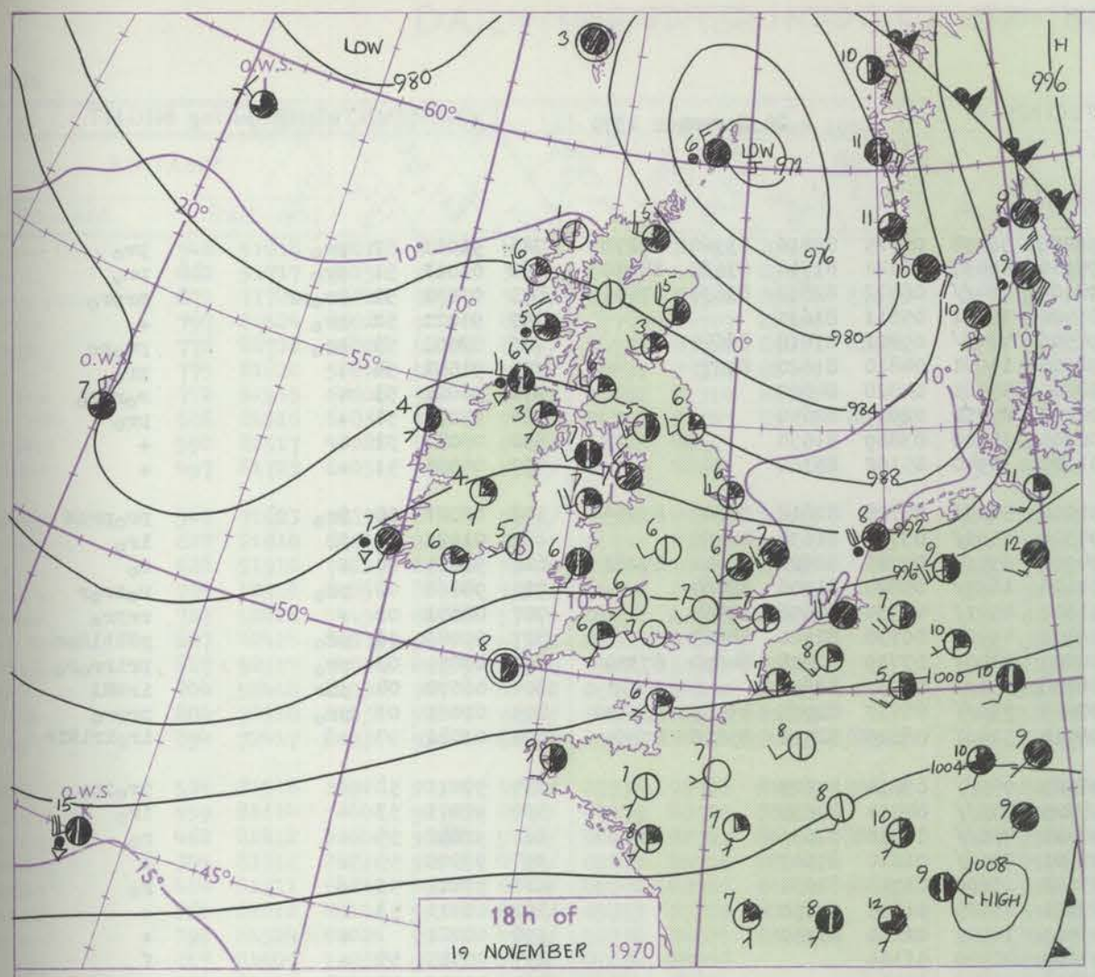
OCEAN WEATHER STATION REPORTS at 18h.

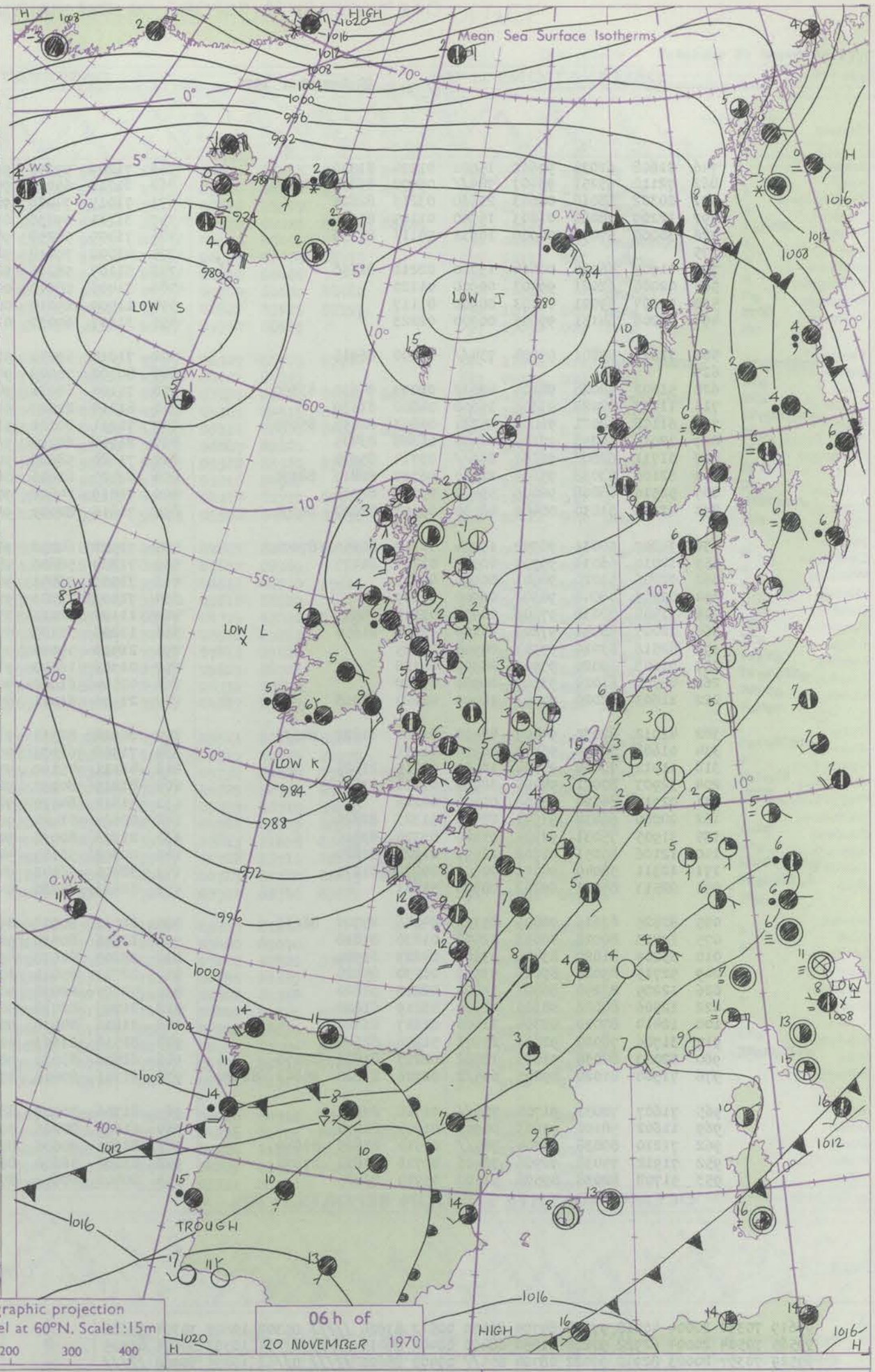
O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	NhCLhCMCH	DsvsaPP	8NsChshs	8NsChshs	OTsTsTdTd	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw
A	99617	70333	19184	73427	97288	87803	69560	00708	86920	/////	05551	10603	30610	/////
B	99565	70508	19184	63224	97158	21550	68401	00104	86810	/////	0//51	10374	30604	01705
C	99527	70355	19183	32425	98158	06505	32500	00231	83820	/////	0//52	10818	30809	/////
D	99440	70410	19183	63328	98022	22710	68400	00304	86818	/////	0//03	11659	30605	/////
E	99350	70479	19184	72208	98021	19721	76400	00613	87710	/////	0//21	12227	30402	23603
I	99590	70188	19184	62911	97148	81506	634//	00207	82914	83825	0//03	10918	30202	33604
J	99525	70200	19184	63512	98158	88207	29402	00206	82915	86072	05904	11204	30703	23907
K	99450	70164	19184	72432	96818	01214	735//	51724	82716	84826	0//11	11588	31312	/////
M	99658	10022	19184	20920	98011	87006	25600	00813	82640	/////	05105	10717	30502	12804

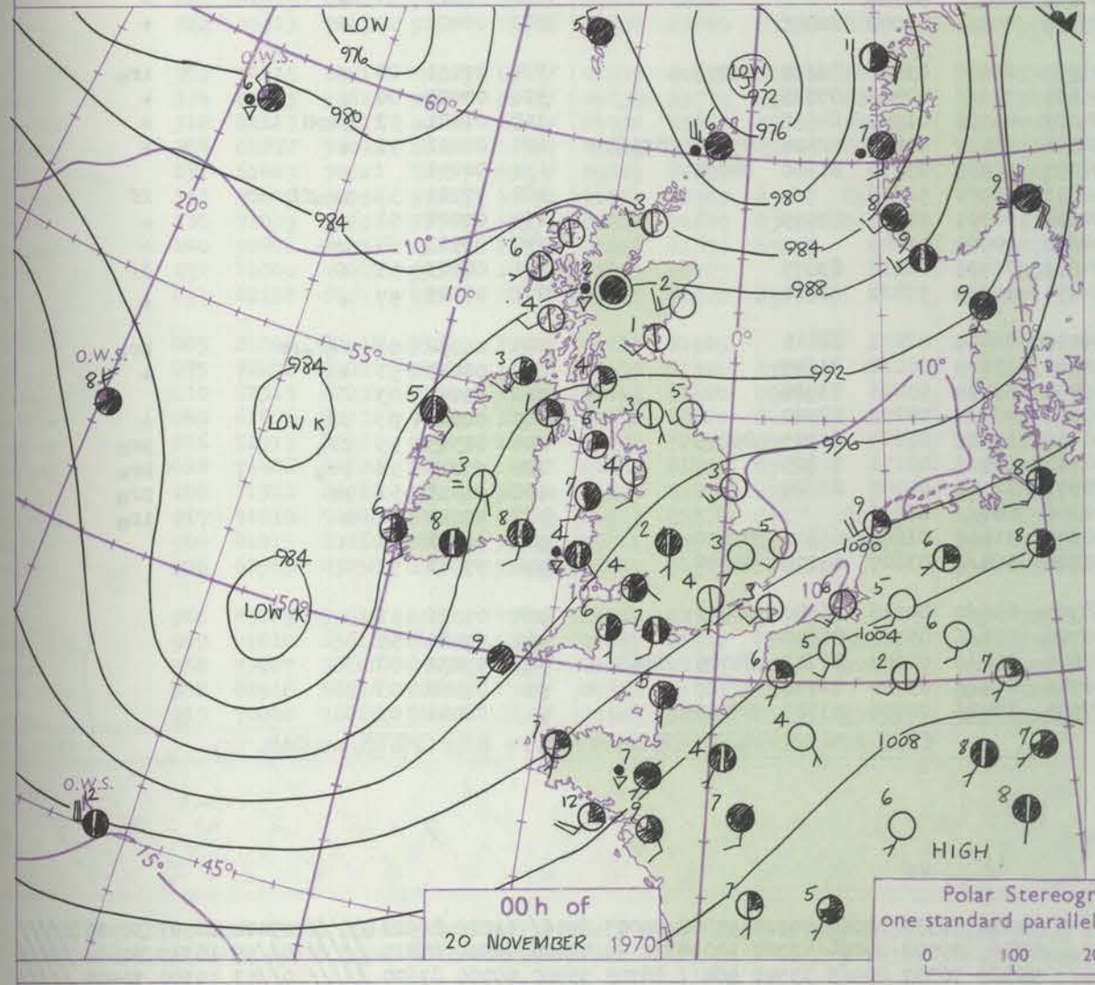
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 20 November 1970

The depression near south Iceland has remained almost stationary while the low near northeast England has moved steadily north and filled a little. A further depression has developed southwest of Eire and during the next 24 hours this low will move steadily northeastwards across Britain to the North Sea. A complex low pressure system will persist near south Iceland.

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

Code FM 11.D

OBSERVATIONS at 00h. — 20 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	21608	62038	99602	15601	01204	81630		
Hurn	862	72110	65251	99407	784//	05002	83818	87630	
Thorney Island	871	20302	58018	00603	21560	03215	82825		
Manston	797	12209	78020	01803	15700	01115	81650		
Gatwick	776	30000	57050	00900	10931	50111	81359		
Kew	775								
Heathrow	772	11905	56030	00004	15700	02211	81650		
Honington	586	02006	62021	99903	00900	01120			
Wattisham	590	02307	59021	00403	00900	01117			
Gorleston	497	02208	64131	99605	00900	02223			
Aberporth	502	71611	59801	95704	734//	03000	86915		
Ross-on-Wye	627								
Filton	628	51602	58028	98104	45632	02003	84630	83360	
Rhoose	715	11607	82028	97306	15600	04000	81630		
Chivenor	707	61108	82021	96805	25731	04803	82656	85075	
Mount Batten	827	32015	69258	97109	32500	06808	83825		
St. Mawgan	817	61711	62808	96207	696//	05714	85930		
Scilly	804	82106	83038	95609	22407	06710	82819	88275	
Culdrose	809	52516	66808	96009	59400	05712	82916		
Guernsey	894	42118	81030	00409	48500	05503	81822	84650	
Elmdon	534	71807	58031	98302	15704	01112	81650	87072	
Cardington	559	12010	66030	99702	00901	01214	81075		
Wittering	462	02206	59020	98901	00900	00219			
Watnall	354	02203	48040	98302	00900	01219			
Shawbury	414	51402	70038	97203	00901	01110	85075		
Finningley	360	12007	48041	97203	15700	02222	81650		
Kilnsea	396	02516	63010	97303	00900	03225			
Leeming	257	01603	69020	95902	00900	00128			
Tynemouth	262	02508	61020	93505	00900	03229			
Carlisle	222	11603	62020	94403	18400	02223	81818		
Valley	302	42012	82030	94407	48500	02102	81822	84635	
Ringway	334	01608	70028	96803	00900	01216			
Squires Gate	318	11912	70018	95504	18500	03215	81825		
Ronaldsway	204	32903	80021	94205	38500	01111	83825		
Mull of Galloway	131	02715	84020	93006	00900	04216			
Eskdalemuir	162	20000	66038	93901	28500	51323	82820		
Prestwick	135	31905	75031	92504	31400	03220	83816		
Abbotsinch	140	12106	80251	91703	18500	01224	81820		
Leuchars	171	12311	58040	90701	00901	00227	81075		
Dyce	091	02513	84021	89202	00900	51232			
Lerwick	005	82825	62616	78806	853//	04246	83707	88616	
Wick	075	12713	80028	86003	12400	01230	81818		
Sule Skerry	010	33209	81020	83408	33500	04223	83920		
Cape Wrath	049	52715	83028	85006	53500	01230	85920		
Stornoway	026	12209	82250	86802	12500	02218	81820		
Benbecula	022	12506	80028	88306	12500	03219	81822		
Tiree	100	12410	87018	89304	11500	01217	81820		
Aldergrove	917	31706	70020	92801	25601	51206	82640		
Malin	980	52013	82038	91003	18502	02213	81820	85070	
Belmullet	976	71308	81028	89205	635/2	02706	83820	85643	81920
Birr	965	71607	70031	91704	756//	01710	87640		
Dublin	969	11602	58100	93603	00908	01802	81270		
Shannon	962	71210	80038	90704	785//	03710	83825	87645	
Roches Point	952	71912	75038	90908	32406	05716	83818	87270	
Valentia	953	51708	82038	89506	52500	05714	85825		

OBSERVATIONS at 06h. — 20 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71209	59258	96206	38438	05725	82816	83360	87272
Hurn	862	81716	65028	95910	48437	07724	81712	83630	88272
Thorney Island	871	71919	74028	98109	784//	08722	82812	83635	87656
Manston	797	31711	69038	01406	35601	05811	83635		
Gatwick	776	71305	58258	98506	784//	05821	83818	86645	
Kew	775	41002	70018	98005	15501	04820	81620	84075	
Heathrow	772	51109	58216	98005	55500	04820	84622		
Honington	586	31405	58010	00203	25731	02807	82650		
Wattisham	590	11509	69010	00304	15600	03809	81630		
Gorleston	497	31807	60030	01107	30940	05102	83360		
Aberporth	502	71315	59251	91006	5847/	05728	82818	84645	87359
Ross-on-Wye	627	80502	70028	94304	1561/	03727	81630	88460	
Filton	628	71107	62031	94706	6551/	04725	82620	86642	87462
Rhoose	715	81215	81028	93606	1637/	05824	81706	88464	
Chivenor	707	71211	80021	91307	4571/	05734	84656	87465	
Mount Batten	827	81708	66298	92308	4952/	06730	82926	88465	
St. Mawgan	817	71620	58628	90207	5847/	07739	82818	84650	87359
Scilly	804	82425	61626	88708	856//	07737	88635		
Culdrose	809	71819	64808	90507	793//	06737	82706	83626	82912
Guernsey	894	71816	82021	96410	5243/	08826	82711	85816	87360
Elmdon	534	71508	64218	96303	755//	03814	87628		
Cardington	559	71209	58606	98205	756//	04814	87635		
Wittering	462	71503	56041	98401	756//	01810	87636		
Watnall	354	71103	23101	97601	756//	01810	87647		
Shawbury	414	11107	32111	95302	15600	01718	81631		
Finningley	360	11206	37100	97651	15700	51806	81650		
Kilnsea	396	21910	59030	99503	10941	02210	81360		
Leeming	257	01906	16040	97600	00900	51104			
Tynemouth	262	02504	61020	96702	00900	02109			
Carlisle	222	21406	61011	95602	00901	00002	82075		
Valley	302	60912	82011	91905	25606	03716	82630	86275	
Ringway	334	71309	62031	96005	755//	02708	87626		
Squires Gate	318	41111	45100	95102	45700	01709	84656		
Ronaldsway	204	81215	80031	92508	68537	04812	82824	85645	87360
Mull of Galloway	131	41812	84020	92007	10932	03810	81360	84070	
Eskdalemuir	162	00000	01424	96251	00900	51208			
Prestwick	135	21208	80030	94001	00901	51103	82075		
Abbotsinch	140	00803	58101	94350	00900	51209			
Leuchars	171	32406	56040	94601	00901	00216	83075		
Dyce	091	12508	84030	94451	10930	53222	81360		
Lerwick	005	22518	80018	89506	22400	02252	82815		
Wick	075	12406	80030	92402	15600	01228	81645		
Sule Skerry	010	33205	81028	89407	39500	03226	83920		
Cape Wrath	049	22713	85011	89607	23500	04222	82920		
Stornoway	026	52105	82038	90401	19401	01215	81915	85075	
Benbecula	022	21705	82038	90703	28502	01111	81825		
Tiree	100	31816	84038	90907	32500	04207	83820		
Aldergrove	917	81512	61601	91306	884//	02711			
Malin	980	61416	83031	90304	51502	01806	85822	83070	
Belmullet	976	61311	80018	87204	564/2	03607	83719	83640	
Birr	965	81306	70028	88305	656/7	04616	86640	88271	
Dublin	969	61604	70216	89706	656//	05722	86640		
Shannon	962	81306	70606	87605	864//	04609	82711	84715	88622
Roches Point	952	83106	56638	86706	2742/	05720	82712	88527	
Valentia	953	80402	60618	87505	3742/	04706	83718	88528	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	96011	52	pro	pro
Hurn	862	01011	51	pro	pro
Thorney Island	871	07031	51	proRpr	prpro
Manston	797	91021	52	pro	+
Gatwick	776	02501	53	pro	proRpr
Kew	775	91501	54	+	pro
Heathrow	772	96021	50	+	roRpro
Honington	586	97021	51	+	pro
Wattisham	590	00022	51	+	+
Gorleston	497	00031	51	+	+
Aberporth	502	02021	00	pro	proRpriR
Ross-on-Wye	627	01021	03	pr	iro
Filton	628	91031	00	+	ro
Rhoose	715	94061	02	pro	roiror
Chivenor	707	08051	02	+	rrpro
Mount Batten	827	05081	06	pro	pHRtlRpr
St. Mawgan	817	03051	03	pro	prirroro
Scilly	804	06072	04	phr	irRRl
Culdrose	809	02061	03	pro	prpro
Guernsey	894	03081	07	+	iroiriRir
Elmdon	534	97011	52	+	proiro
Cardington	559	97011	53	+	iro
Wittering	462	92001	55	+	ro
Watnall	354	97503	55	+	+
Shawbury	414	97011	53	+	ro
Finningley	360	00511	53	+	+
Kilnsea	396	00021		+	+
Leeming	257	00513	55	+	f
Tynemouth	262	00013	53	+	+
Carlisle	222	00003	54	+	+
Valley	302	97031	00	+	iro
Ringway	334	00021	00	+	+
Squires Gate	318	01501	52	prpR	+
Ronaldsway	204	00011	51	+	+
Mull of Galloway	131	00051			
Eskdalemuir	162	97521	53	proff	ff
Prestwick	135	00001	52	+	+
Abbotsinch	140	93513	54	pro	+
Leuchars	171	00523	55	+	jf
Dyce	091	00523	57	+	+
Lerwick	005	06052	02	roRrr	pro
Wick	075	00023	51	+	+
Sule Skerry	010	05051	03		
Cape Wrath	049	00041	03	pro	+
Stornoway	026	01513	55	pro	pro
Benbecula	022	97021	52	pro	pro
Tiree	100	91031	51	pr	pro
Aldergrove	917	95001	52	+	iro
Malin	980	91021	02		
Belmullet	976	97041	51		
Birr	965	01021	51		
Dublin	969	97022	55		
Shannon	962	93031	02		
Roches Point	952	07040	03		
Valentia	953	08041	03		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	20004	40518	97808	84704	39570	00512	83920	/////	05302	10607	30304	35608
B	99565	70504	20004	62922	97268	21850	68400	00401	84815	/////	0//54	10382	30604	01705
C	99529	70357	20003	82940	97022	08704	855//	00400	88620	/////	0//52	10805	30909	/////
D	99439	70411	20003	23319	98021	25009	21580	00021	82830	/////	0//02	11608	30605	/////
E	99350	70481	20004	81915	93022	18921	4647/	00804	84710	88360	0//20	12174	30402	23603
I	99590	70187	20004	62808	96808	82406	694//	00203	83913	83820	0//03	10900	30101	33604
J	99526	70197	20004	63215	98038	90207	39463	00212	81915	84070	05903	11238	30602	28905
K	99451	70157	20004	72729	96258	00412	4346/	61506	81916	83823	0//08	11553	31310	/////
M	99659	10018	20004	21015	98011	85107	25600	00708	82640	/////	00006	10733	30503	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	20064	70328	97808	89003	6956/	11228	86923	/////	05402	10587	30509	/////
B	99565	70508	20064	42922	98028	21450	42400	00304	84815	/////	0//55	10347	30604	/////
C	99529	70357	20063	33340	98012	08705	35500	00000	83620	/////	0//53	10300	30909	/////
D	99439	70410	20063	63218	98021	23609	42560	00711	84830	/////	0//00	11636	30605	/////
E	99350	70480	20064	71916	97032	16021	38470	00717	81812	83640	0//20	12171	30403	23603
I	99589	70191	20064	52315	98278	82904	59400	51000	84915	/////	0//02	10919	30302	33705
J	99525	70202	20064	63316	97158	93707	59463	61320	81915	83645	05903	11258	30703	28906
K	99451	70158	20064	53038	97018	03111	29463	71333	81913	83360	0//02	11520	31314	/////
M	99659	10016	20064	81013	97616	84307	6741/	00602	86715	/////	00007	10724	30502	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39811 — Date of Issue Saturday 21 November 1970

OBSERVATIONS at 12h. — 20 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	51818	77018	90910	48431	08620	81712	83070	
Hurn	862	51717	75258	91311	38501	09719	81820	83630	
Thorney Island	871	71722	58806	92910	784//	09730	82712	85816	87630
Manston	797	81524	66021	95908	863//	07744	84707	88709	
Gatwick	776	81718	56808	93709	884//	08733	85712	85823	88630
Kew	775	81810	58616	93009	5742/	08831	85712	88457	
Heathrow	772	81515	62606	92809	5842/	07632	81710	88550	
Honington	586	81515	61038	95708	7637/	05730	82707	87708	88362
Wattisham	590	81517	58022	95807	862//	06835	88705		
Gorleston	497	81723	60031	97309	855//	07722	88625		
Aberporth	502	71623	58276	84207	794//	05736	81710	87915	
Ross-on-Wye	627	21810	66029	88110	28503	07738	81825		
Filton	628	51910	72219	89010	53400	07621	81712	83920	
Rhoose	715	12315	83256	88710	19501	04516	81920		
Chivenor	707	52018	74158	88410	53400	05608	81912	84832	
Mount Batten	827	42414	82039	90410	41501	06005	84825		
St. Mawgan	817	52317	74038	89709	59500	05000	81920	84824	
Scilly	804	52418	81036	90411	42502	05004	84820	83075	
Culdrose	809	72518	81038	90010	6851/	04001	83820	85626	
Guernsey	894	72417	80036	93610	68572	07302	84820	84645	86360
Elmdon	534	81518	30926	90906	6932/	05736	83706	85914	88457
Cardington	559	81114	56606	92708	854//	07739	83710	88625	
Wittering	462	81412	62606	93007	5732/	06840	82707	84710	88459
Watnall	354	81112	28216	92006	4732/	05837	84706	88540	
Shawbury	414	81311	60216	88907	6842/	06740	83710	84630	88550
Finningley	360	81212	48106	93306	852//	05733	87705	88625	
Kilnsea	396	81524	61026	95608	4557/	06730	84625	88460	
Leeming	257	83507	11286	94401	863//	01834	88708		
Tynemouth	262	81519	61021	95007	855//	05820	88625		
Carlisle	222	70913	70031	92504	15676	02828	81640	83360	86272
Valley	302	70815	80216	85907	6547/	05839	82618	85620	87462
Ringway	334	81015	58616	90007	6842/	05838	83710	85640	88460
Squires Gate	318	81113	30621	90106	6542/	05732	83712	85623	88558
Ronaldsway	204	81222	58042	88108	66337	06829	83707	85709	88270
Mull of Galloway	131	61423	74022	88507	656//	05819	86635		
Eskdalemuir	162	70609	69034	93303	35232	01822	81703	83640	85073
Prestwick	135	71009	75031	91705	15574	02818	81620	83465	86070
Abbotsinch	140	50806	35041	93205	15735	01815	81656	83075	
Leuchars	171	10000	48040	95306	18532	03807	81825		
Dyce	091	62108	65041	96504	28532	01106	81820	85070	
Lerwick	005	22008	80018	95607	23402	04121	81915		
Wick	075	72002	89021	95506	19538	04109	81920	87270	
Sule Skerry	010	62313	82032	94207	32504	04219	83820	86075	
Cape Wrath	049	61806	85031	93707	32509	02212	83820	84170	
Stornoway	026	51713	80011	92907	28401	04106	82818	85075	
Benbecula	022	71408	82028	92106	12532	04102	81820	87075	
Tiree	100	71322	86011	90807	58444	04803	81816	83075	
Aldergrove	917	71010	56046	87907	48488	04717	82815	83625	86357
Malin	980	81215	80216	88708	5557/	05811	82720	85640	88459
Belmullet	976	61503	83258	87707	53432	05103	81717	84920	
Birr	965	83103	59616	86505	7742/	04707	87711	88458	
Dublin	969	81010	65618	84706	6242/	05831	81711	86818	88557
Shannon	962	73007	66606	87107	783//	05102	82709	85714	87630
Roches Point	952	82918	56616	86605	1732/	04313	81707	88543	
Valentia	953	70000	76026	88408	6851/	06108	82820	85635	87459

OBSERVATIONS at 18h. — 20 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	72411	66021	90006	1257/	04804	81820	85360	87465
Hurn	862	72510	62012	90909	1157/	05500	81820	83359	87463
Thorney Island	871	82307	61058	90909	858//	06506	88657		
Manston	797	82409	66622	91409	883//	06618	82708	83815	88628
Gatwick	776	81902	62028	90807	8097/	06506	88458		
Kew	775	81902	61026	89908	1542/	06705	81618	88463	
Heathrow	772	82206	65036	89808	8092/	06808	88468		
Honington	586	81607	66036	90207	1557/	05719	81620	88462	
Wattisham	590	81607	56036	90808	3557/	08622	83625	88359	
Gorleston	497	81628	58626	90309	854//	09742	88615		
Aberporth	502	72421	62808	85506	793//	04327	86709	87914	
Ross-on-Wye	627	12111	77251	86507	18500	04601	81825		
Filton	628	72210	64031	89009	58402	03801	81818	85636	86072
Rhoose	715	52415	80258	88708	49401	05305	84818	81926	
Chivenor	707	62619	80018	89709	53633	05311	82930	84833	85360
Mount Batten	827	32515	66808	91309	38500	06207	82820		
St. Mawgan	817	62514	66258	91607	59503	05312	83920	83825	
Scilly	804	42718	81028	92708	43400	03216	84918		
Culdrose	809	52715	80808	92008	4343/	04314	81710	84916	
Guernsey	894	62515	82808	93409	58473	05308	84812	83656	
Elmdon	534	61811	68038	87607	25602	02805	82630	84070	
Cardington	559	82009	32106	89508	8095/	07608	88360		
Wittering	462	71805	58036	89207	754//	06611	84710	87616	
Watnall	354	31708	37046	88006	31500	05610	83820		
Shawbury	414	61812	66038	85607	685//	04714	83822	85640	
Finningley	360	31808	56256	87907	31400	06618	83819		
Kilnsea	396	71528	66026	90308	755//	07616	87624		
Leeming	257	81507	58026	87607	873//	05627	88706		
Tynemouth	262	81424	66028	88307	855//	06731	88620		
Carlisle	222	70906	59016	87305	755//	04627	87627		
Valley	302	83623	59656	78306	854//	05541	82712	88618	
Ringway	334	71611	62026	86708	55502	03717	85624	84070	
Squires Gate	318	71216	50216	83607	755//	05732	81620	85633	86650
Ronaldsway	204	70818	60806	82608	724//	06725	82711	87816	
Mull of Galloway	131	80924	64216	84605	6742/	05709	86715	88460	
Eskdalemuir	162	81110	28636	87505	853//	04726	85709	88617	
Prestwick	135	60910	70212	87705	35478	03817	81616	83630	85360
Abbotsinch	140	80608	30622	88806	7542/	05722	83711	86615	88458
Leuchars	171	80818	58658	90607	854//	06727	82710	86615	88640
Dyce	091	71110	50801	93807	724//	03712	83716	87821	
Lerwick	005	11710	82010	97805	18400	03207	81818		
Wick	075	51608	82021	95606	00902	03400	85070		
Sule Skerry	010	71709	82012	94807	22504	03202	82820	87075	
Cape Wrath	049	10910	83010	93105	15500	00706	81625		
Stornoway	026	11211	82011	92306	10940	02802	81368		
Benbecula	022	31007	87011	91104	11531	02000	81825	83075	
Tiree	100	80917	86032	89107	856//	03806	88635		
Aldergrove	917	80607	40618	86205	6232/	04702	83706	86814	88530
Malin	980	71217	75806	87708	784//	05701	85818	87640	
Belmullet	976	23218	84018	89707	22400	02214	81717		
Birr	965	72811	60106	88505	764//	04218	84712	86636	
Dublin	969	83015	80605	84605	863//	04216	81706	84711	88622
Shannon	962	52912	80256	90306	585//	04224	81820	85635	
Roches Point	952	52818	75018	90206	19408	04221	81917	84268	
Valentia	953	53608	82258	92807	53500	03232	85920		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	03121	020	rR	+
Hurn	862	02121	016	p$_o$rpr	+
Thorney Island	871	02112	001	rRpr$_o$	+
Manston	797	11111		ir$_o$ir	r$_o$rrRR
Gatwick	776	04101	000	pr$_o$prrRr$_o$	+
Kew	775	03111	001	r$_o$Rrr$_o$	+
Heathrow	772	03111	001	rr$_o$r$_o$	+
Honington	586	01091		rr$_o$r$_o$	r$_o$
Wattisham	590	12092	000	r$_o$r$_o$	rrRR
Gorleston	497	05092	009	irrr	rr
Aberporth	502	11082	002	iRrrprphrpr$_o$	pr$_o$prRRrr
Ross-on-Wye	627	04111	028	1tpR	pr$_o$
Filton	628	03111	018	t$_o$l$_o$r$_o$t$_o$l$_o$R	pr$_o$
Rhoose	715	03111	050	rRr$_o$pr$_o$	pr$_o$phrpr$_o$
Chivenor	707	03111	035	pr$_o$pr	pr$_o$
Mount Batten	827	94111	032	+	pr$_o$
St. Mawgan	817	02111	054	pr$_o$pR	prpR
Scilly	804	93111	055	pr	pr
Culdrose	809	01101	030	+	prpr$_o$pr$_o$
Guernsey	894	93111	004	pr$_o$	pr$_o$
Elmdon	534	06101	009	ir$_o$rtlRpr$_o$	+
Cardington	559	02091	001	r$_o$rRr$_o$	+
Wittering	462	03081	001	r$_o$rRr$_o$	+
Watnall	354	09081	000	ir$_o$RRr$_o$r$_o$	+
Shawbury	414	04091	002	r$_o$rRpr$_o$pr	pr$_o$
Finningley	360	06071	000	r$_o$Rr	pr$_o$
Kilnsea	396	02082	000	ir$_o$ir	rrir$_o$
Leeming	257	04071	000	fr$_o$r$_o$r	rr$_o$r$_o$ir$_o$
Tynemouth	262	03082	000	pr$_o$pr	rrpr$_o$
Carlisle	222	03061	014	rr$_o$	r$_o$r$_o$r
Valley	302	15092	000	ir$_o$irrrr	r$_o$r$_o$RRpr$_o$
Ringway	334	02081	001	r$_o$r	+
Squires Gate	318	04081	005	r$_o$rR	r$_o$r$_o$rR
Ronaldsway	204	03081	000	rir$_o$	prpR
Mull of Galloway	131	07071			
Eskdalemuir	162	05051	019	r$_o$	r$_o$rr
Prestwick	135	92061	006	+	ir$_o$
Abbotsinch	140	03071	011	+	iRirir$_o$r$_o$r$_o$
Leuchars	171	11082	034	+	pr$_o$r$_o$Rr$_o$R
Dyce	091	91081	047	+	pr$_o$
Lerwick	005	00072	047	+	+
Wick	075	00071	030	+	+
Sule Skerry	010	00091			
Cape Wrath	049	00081	042	+	+
Stornoway	026	00081	035	+	+
Benbecula	022	00081	029	+	+
Tiree	100	91081	013	+	ir$_o$
Aldergrove	917	02072	000	r$_o$	pr$_o$r$_o$rir$_o$
Malin	980	9108	003		
Belmullet	976	9108	012		
Birr	965	0705	000		
Dublin	969	0908	000		
Shannon	962	0307	000		
Roches Point	952	1207	000		
Valentia	953	0209	021		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

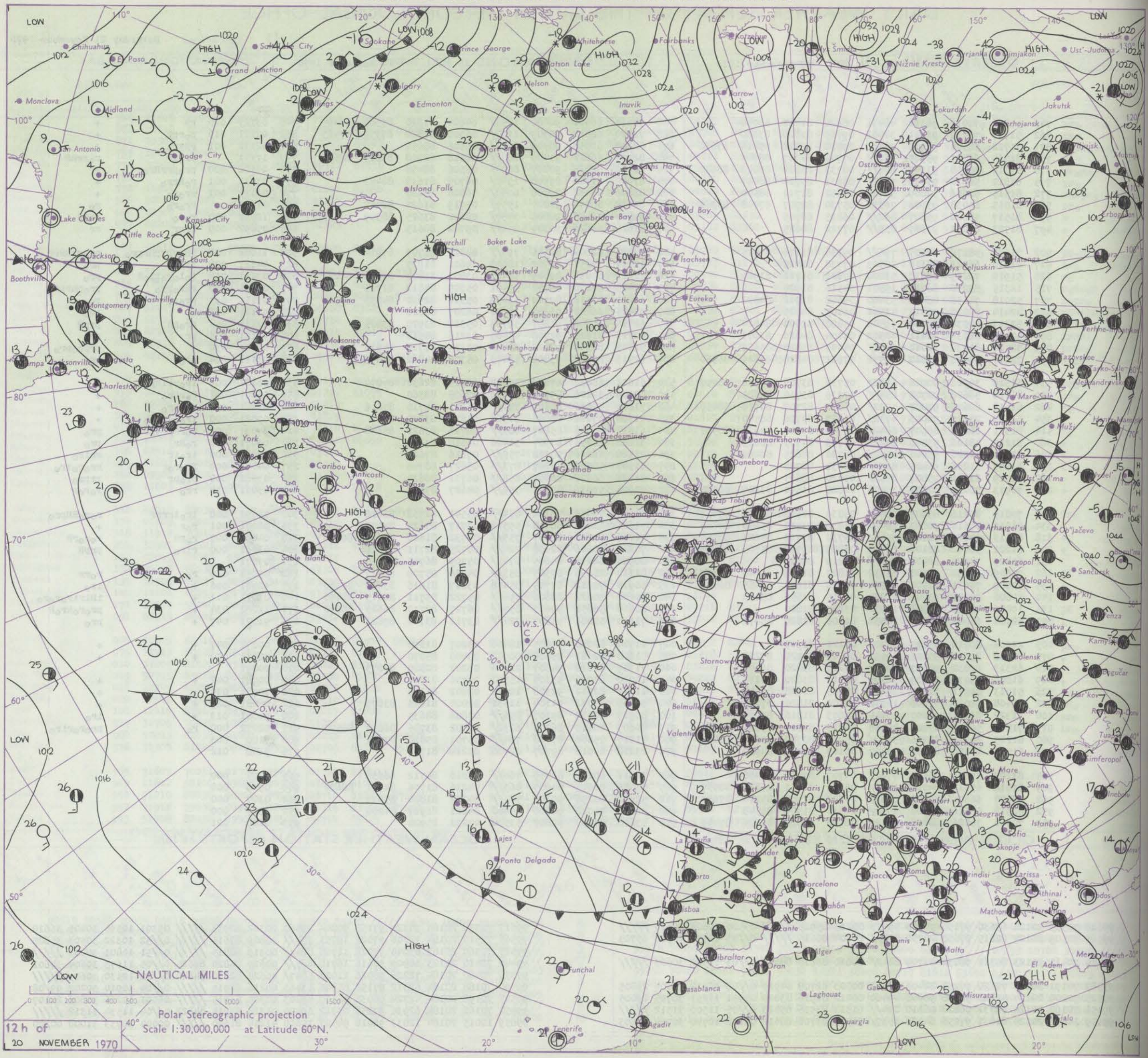
O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99618	70333	20124	63630	97158	90903	59573	00213	85925	/////	05500	10604	30610	/////
B	99565	70509	20124	82815	97858	20750	854//	00704	88615	/////	0//53	10358	30503	35705
C														
D	99440	70411	20123	80311	98032	21709	6842/	00810	86618	88459	0//03	11562	30603	/////
E														
I	99589	70191	20124	72620	97258	82406	79363	00503	82709	84915	0//03	10912	30404	23805
J	99525	70200	20124	42820	98158	96608	49400	00212	81916	83820	05951	11251	30705	23005
K	99451	70160	20124	82731	96818	06810	894//	61313	83916	85823	0//05	11500	31312	/////
M	99659	10016	20124	81831	97256	84208	6537/	31504	83708	86612	00106	10740	30705	10803

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	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99617	70334	20184	30220	97158	90804	29560	00302	82933	/////	05301	10595	30405	36610
B	99566	70510	20184	72706	97022	19751	754//	00809	87615	/////	0//52	10322	30503	35605
C	99527	70360	20183	83040	97028	11705	824//	00313	88815	/////	0//51	10801	30814	/////
D	99440	70410	20183	80909	97616	16710	885//	00629	84820	88625	0//05	11673	30604	30601
E	99350	70480	20184	72226	98026	11022	5847/	00628	82810	84640	0//20	12130	30605	/////
I	99590	70188	20184	62312	97158	85906	53463	00216	82915	/////	0//04	10910	30202	99/08
J	99525	70198	20184	42724	98038	96107	49403	00305	83915	/////	06001	11266	30806	24107
K	99450	70162	20184	62936	97258	09312	69400	71328	83915	84823	0//04	11530	31312	/////
M	99659	10015	20184	12033	98018	94507	15600	41254	81640	/////	00004	10733	31008	00/00

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
Chihuahua
El Paso
Monclova
Midland
San Antonio
Fort Worth
Grand Junction
Salt Lake City
Spokane
Billings
Dodge City
Bismarck
Kansas City
Minneapolis
Lake Charles
Little Rock
Jackson
Boothville
Montgomery
Nashville
Columbus
Chicago
Detroit
Pittsburgh
Charleston
Augusta
Jacksonville
Tampa
New York
Caribou
Yarmouth
Sable Island
Bermuda
Cape Race
Gander
Stephenville
Ottawa
Toronto
Prince George
Calgary
Edmonton
Whitehorse
Watson Lake
Nelson
Island Falls
Winnipeg
Churchill
Baker Lake
Winisk
Moosonee
Nottingham Island
Port Harrison
Cambridge Bay
Coppermine
Johns Harbour
Resolution
Chimo
Arctic Bay
Eureka
Alert
Inuvik
Barrow
Fairbanks
Kotzebue
Nižnie Kresty
Ust'-Judoma
Jakutsk
Ostrov Kotel'nyj
Tiksi
Mare-Sale
Dikson
Dudinka
Igarka
Hatanga
Thule
Godthaab
Frederikshab
Angmagssalik
Prins Christian Sund
Reykjavik
Stykkisholmur
Stornoway
Belmullet
Valentia
Lerwick
Thorshavn
Faeroes
Jan Mayen
Kap Tobin
Daneborg
Danmarkshavn
Barentsburg
Hammerfest
Tromsø
Bodø
Murmansk
Arkhangel'sk
Onega
Kem'
Kandalaksha
Petrozavodsk
Kargopol
Vologda
Sanctsk
Kirov
Vjatka
Perm'
Kazan'
Moskva
Smolensk
Kaluga
Kamyšin
Volgograd
Saratov
Penza
Ufa
Orenburg
Kuibyšev
Ul'janovsk
Samara
Tambov
Voronež
Kursk
Kiev
Har'kov
Rostov-na-Donu
Taganrog
Simferopol
Sevastopol'
Sulina
Odessa
Constanța
Inebolu
Istanbul
Sofia
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Larissa
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Kithira
Rhodos
Crete
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Manchester
Birmingham
Valentia
Shannon
Belmullet
Stornoway
Thorshavn
Lerwick
Faeroes
Reykjavik
Angmagssalik
Prins Christian Sund
Godthaab
Frederikshab
Resolution
Chimo
Port Harrison
Nottingham Island
Winisk
Moosonee
Churchill
Baker Lake
Island Falls
Winnipeg
Bismarck
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Kotzebue
Barrow
Inuvik
Coppermine
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Godthaab
Frederikshab
Angmagssalik
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Shannon
Funchal
Tenerife
Agadir
Casablanca
Lajes
Ponta Delgado
El Adem
Benina
Tobruk
Mersa Matruh
Alexandrovskoe
Russkaja Gavan'
Malye Karmakuly
Mužи
Nar'jan-Mar
Ostrov Vize
Ostrov Dikson
Ostrov Sverdrupa
Ostrov Uedineniya
Ostrov Bol'šoj Begičev
Ostrov Kotel'nyj
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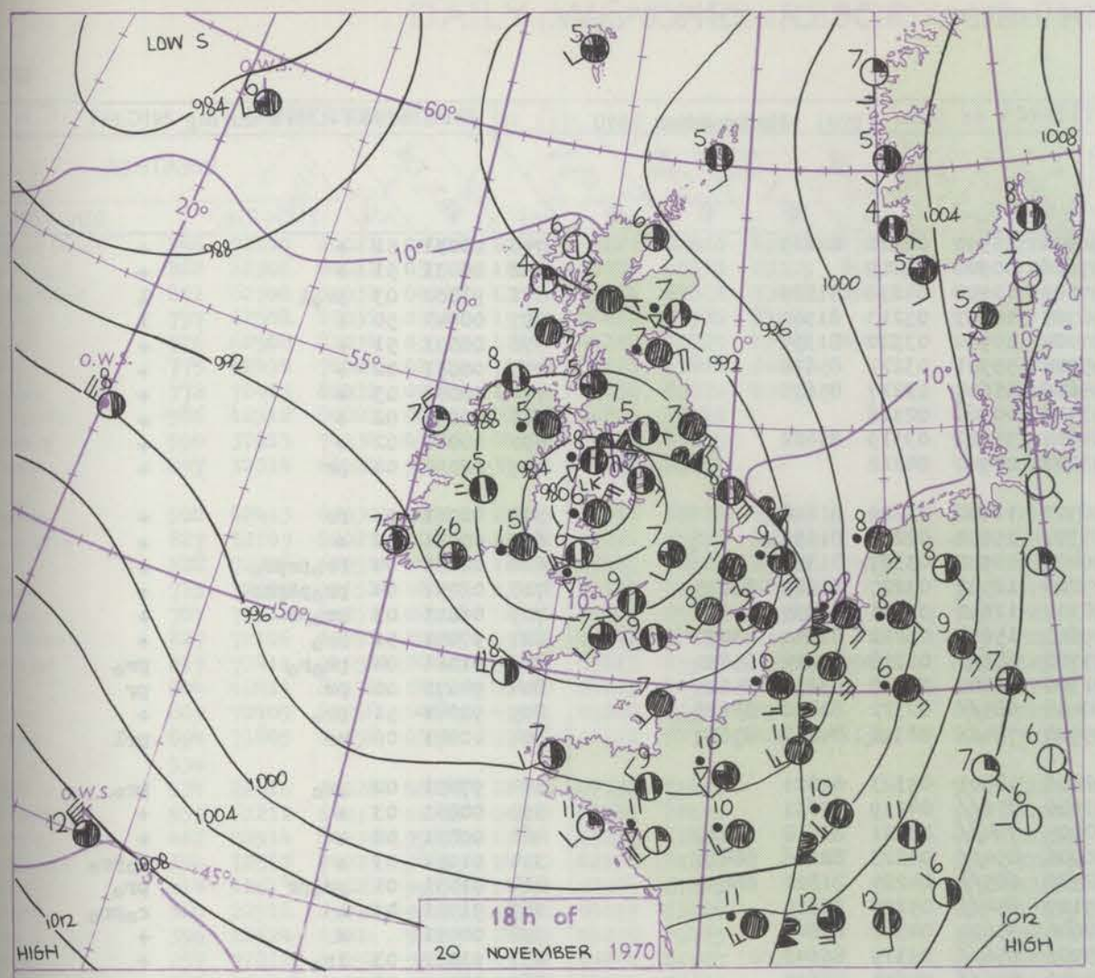
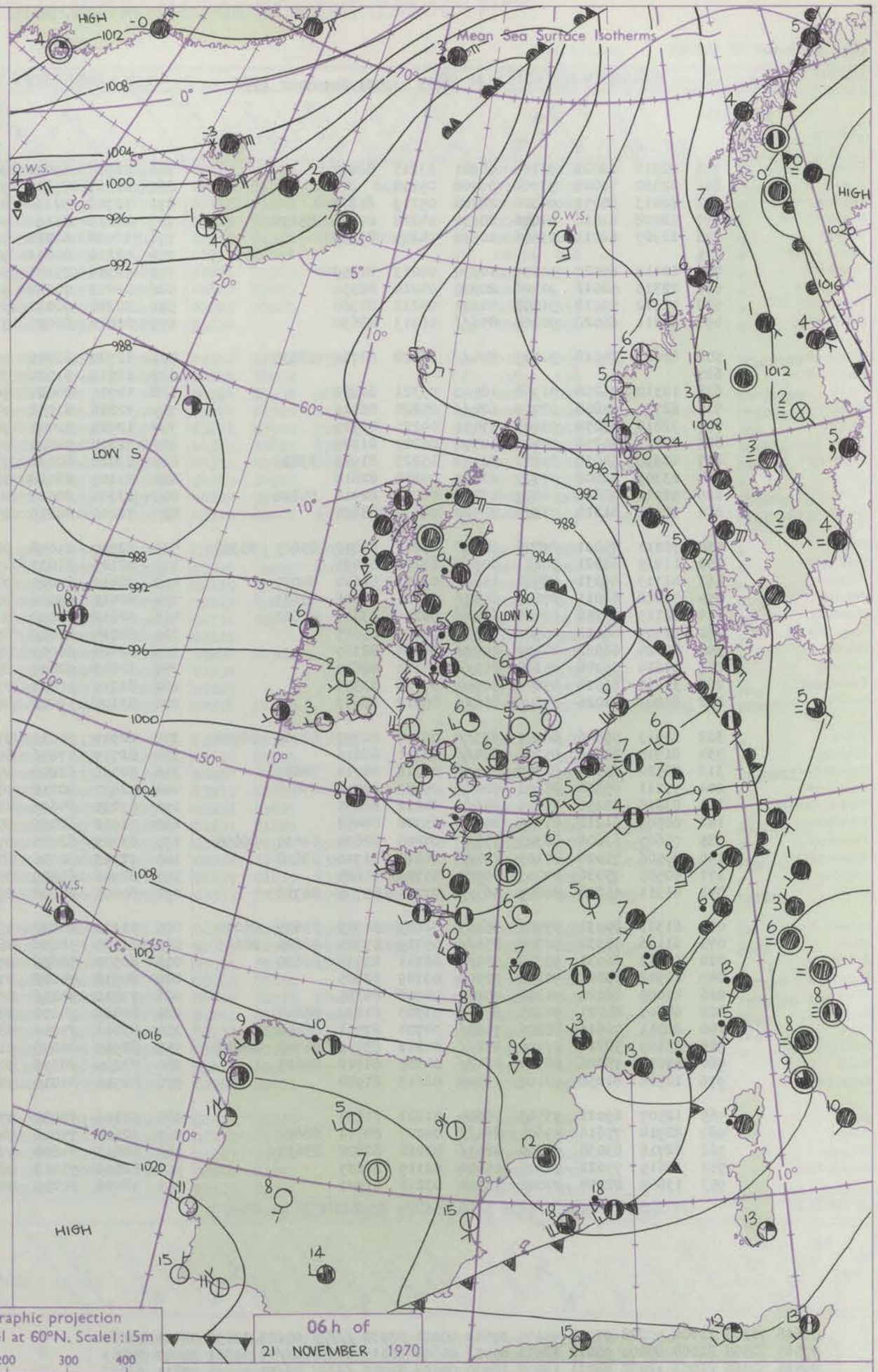
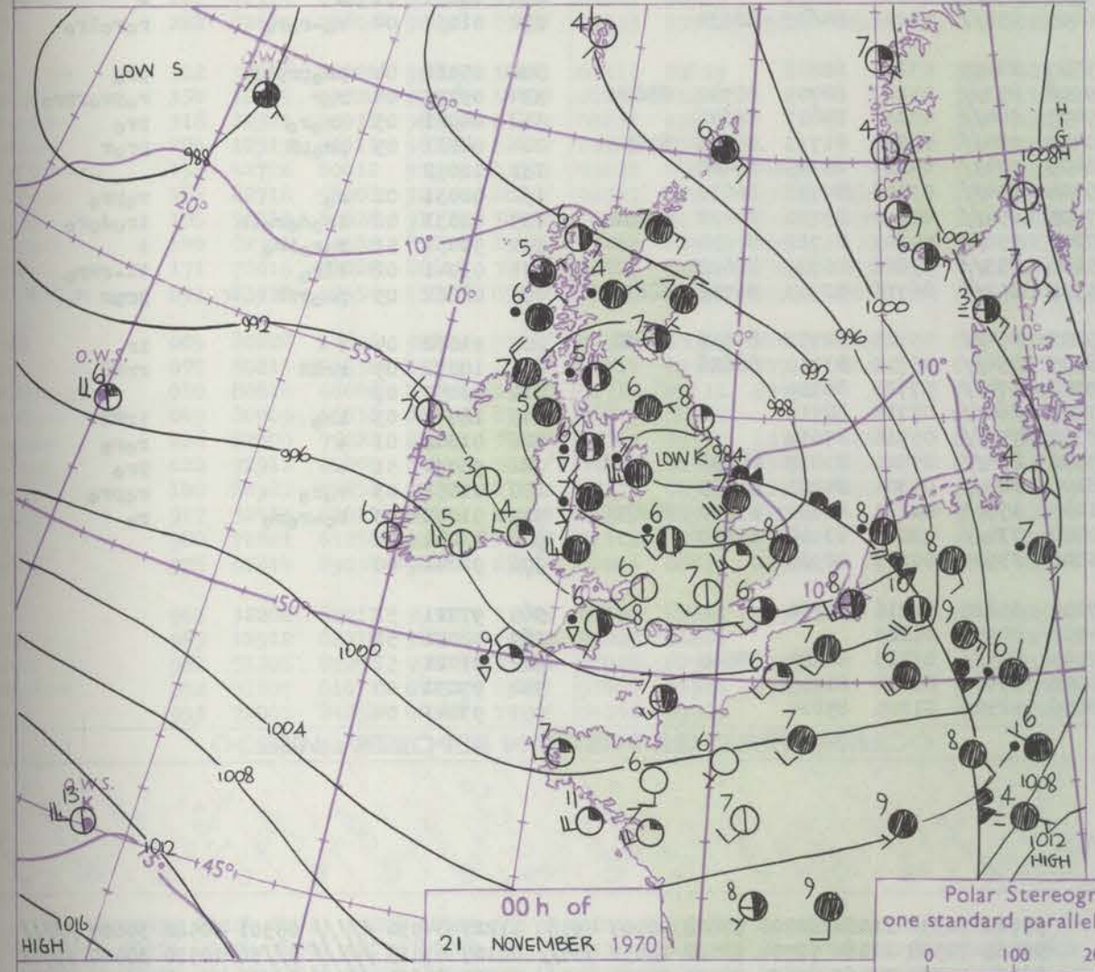
Ostrov Wrangel'
Ostrov Medvež'i
Ostrov Kotel'nyj
Ostrov Bol'šoj Ljahovskij







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 21 November 1970

The centre, within the complex depression, which developed to the southwest of Ireland yesterday, has moved slowly northeastwards across North Wales and northern England into the North Sea. During the next 24 hours it is expected to continue moving slowly northeast or northwards. The complex low pressure system is expected to persist to the north and northwest of the British Isles.

Code FM 11.D

OBSERVATIONS at 00h. — 21 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	22314	69021	93105	00901	03215	82075		
Hurn	862	02410	70021	93908	00900	05218			
Thorney Island	871	22413	80251	94308	28500	05219	81820		
Manston	797	52008	81016	94006	20932	04228	82360	85072	
Gatwick	776	12307	62011	93605	10930	04215	81359		
Kew	775								
Heathrow	772	12112	65021	92107	10930	04213	81359		
Honington	586	22313	58012	90706	20930	04210	82359		
Wattisham	590	52312	59012	91506	40931	04213	84360		
Gorleston	497	82311	60028	90208	856//	06313	88630		
Aberporth	502	82627	74018	90507	854//	05228	82712	88630	
Ross-on-Wye	627								
Filton	628	12310	74258	91706	18500	05321	81822		
Rhoose	715	62712	65808	92007	624//	05220	86816		
Chivenor	707	32816	83258	93209	39531	04220	82925		
Mount Batten	827	12513	74258	95108	19500	06219	81925		
St. Mawgan	817	42918	74018	95608	33403	05223	81918	83810	
Scilly	804	23309	82808	97509	22400	05228	82818		
Culdrose	809	52912	78808	96007	534//	05223	82916	84820	
Guernsey	894	32521	81018	97309	32400	06116	83815		
Elmdon	534	72211	75801	89006	6843/	03211	83817	85625	85358
Cardington	559	11915	62021	90606	00902	03109	81075		
Wittering	462	42113	69031	88905	15602	03803	81640	84075	
Watnall	354	72212	62011	87606	6557/	04301	85626	85633	
Shawbury	414	62115	74258	87406	684//	04216	83817	85622	
Finningley	360	51907	66012	86506	55500	05807	85625		
Kilnsea	396	82324	66022	88407	8097/	04707	88360		
Leeming	257	81614	58046	85107	855//	04614	88620		
Tynemouth	262	31615	66018	85608	30940	07716	83359		
Carlisle	222	80807	61026	84206	856//	05712	88643		
Valley	302	82913	59806	86907	833//	06237	82707	83709	88912
Ringway	334	81915	80606	85706	854//	03311	88616		
Squires Gate	318	82524	65616	82707	854//	06316	84714	88625	
Ronaldsway	204	73211	65808	85606	724//	05223	82712	87818	
Mull of Galloway	131	83615	80256	85505	856//	04212	88635		
Eskdalemuir	162	80508	61212	81505	8091/	03708	88458		
Prestwick	135	70607	63606	86305	755//	04400	82624	84630	86656
Abbotsinch	140	80506	70026	87105	854//	04210	81710	88628	
Leuchars	171	50505	75036	87007	45502	05713	84625		
Dyce	091	81311	65218	88607	863//	07731	85706	88712	
Lerwick	005	61313	80031	97906	35405	02803	81710	83635	85070
Wick	075	81116	75032	92707	854//	05719	83714	86620	88645
Sule Skerry	010	51113	66031	93708	554//	06711	83712	85620	
Cape Wrath	049	20912	83020	92106	25500	03709	82625		
Stornoway	026	41009	82020	91306	40930	02805	84365		
Benbecula	022	60605	84021	90205	656//	03703	81630	86647	
Tiree	100	80211	70616	88306	7562/	04704	87631	88458	
Aldergrove	917	83109	58216	87705	852//	04211	83704	84708	88618
Malin	980	83018	75026	88507	864//	04305	84712	88623	
Belmullet	976	12914	81258	93107	13500	01213	81920		
Birr	965	12507	69021	93503	15600	01222	81635		
Dublin	969	82914	75616	89605	864//	04227	84714	88622	
Shannon	962	62716	83038	95106	4857/	03212	82822	83633	
Roches Point	952	12615	75021	95305	15600	02119	81635		
Valentia	953	13605	82258	97006	13500	03216	81921		

OBSERVATIONS at 06h. — 21 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	22713	69011	96904	25500	02220	82625		
Hurn	862	02307	75010	97606	00900	03219			
Thorney Island	871	12716	82130	97708	12500	04218	81825		
Manston	797	22210	81131	96705	10963	03213	81360		
Gatwick	776	12408	62010	97004	10930	03320	81359		
Kew	775	52210	80031	95906	55501	03221	85628		
Heathrow	772	52314	75031	95606	55600	03217	85630		
Honington	586	02213	70020	93405	00900	02316			
Wattisham	590	32212	70031	94604	35500	03319	83622		
Gorleston	497	02016	60021	93207	00900	04218			
Aberporth	502	12720	80011	96507	11400	03229	81818		
Ross-on-Wye	627	12512	81020	95307	15601	02233	81630		
Filton	628	12715	80011	96407	10930	03327	81362		
Rhoose	715	32816	81038	97206	12501	03227	81825	83075	
Chivenor	707	12914	82021	98307	12600	03121	81835		
Mount Batten	827	32604	74030	99805	15601	03222	81640	83070	
St. Mawgan	817	63012	80038	99708	685//	02218	82824	85630	
Scilly	804	63107	82028	01308	68400	04218	83818	85625	
Culdrose	809	63104	80028	00406	685//	02322	82820	85628	
Guernsey	894	72810	80258	99908	784//	06316	84812	87628	
Elmdon	534	22517	81018	92806	18501	03323	81821		
Cardington	559	72116	61031	93906	756//	04219	87631		
Wittering	462	72415	80021	92205	784//	03221	81818	87629	
Watnall	354	82412	69026	90906	854//	04223	82616	88626	
Shawbury	414	62612	80258	92506	685//	04229	81820	86630	
Finningley	360	82214	80602	89107	854//	05220	88619		
Kilnsea	396	32424	66011	88606	35600	04310	83643		
Leeming	257	62817	82016	85906	656//	03319	86645		
Tynemouth	262	83310	58021	83906	856//	04604	88630		
Carlisle	222	83108	59606	86405	855//	04221	84623	88631	
Valley	302	22927	80018	93507	21400	03235	82818		
Ringway	334	82717	57636	89906	853//	05222	82709	85710	88624
Squires Gate	318	72920	62808	89407	784//	06231	84817	86646	
Ronaldsway	204	72821	80218	90407	784//	04227	81713	85816	87650
Mull of Galloway	131	83235	84636	88405	5741/	04224	85715	88460	
Eskdalemuir	162	72912	62036	85704	754//	03308	84713	86630	
Prestwick	135	83307	62026	87705	854//	04310	83710	84622	88632
Abbotsinch	140	72703	80026	87205	754//	04207	81712	87630	
Leuchars	171	82906	66629	85106	853//	05606	86709	88622	
Dyce	091	80405	65608	85507	852//	06716	82703	86706	88618
Lerwick	005	81120	80032	95207	854//	05714	82712	84617	88628
Wick	075	81124	58636	88507	854//	06713	83710	88626	
Sule Skerry	010	80530	58606	89308	874//	07728	88710		
Cape Wrath	049	80918	74026	87407	864//	07718	88715		
Stornoway	026	73510	70216	88305	754//	05716	87614		
Benbecula	022	80405	74252	89306	884//	05500	83817	88631	
Tiree	100	83011	75806	88106	885//	05301	84821	88635	
Aldergrove	917	82915	80036	91205	45507	02222	81622	83630	88270
Malin	980	73220	80276	90708	734//	03214	83918	86650	
Belmullet	976	22710	81010	94406	23500	00205	82920		
Birr	965	32106	70030	97202	35600	00216	83632		
Dublin	969	02614	75016	94503	00900	01223			
Shannon	962	82413	74808	97505	885//	03213	84825	88640	
Roches Point	952	22606	75010	98903	19403	01214	81917		
Valentia	953	52406	82258	98606	52500	01205	85824		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00031	51	+	+
Hurn	862	00031	51	+	+
Thorney Island	871	91062	03	pr_0l	l
Manston	797	00041	50	l	l
Gatwick	776	00031	51	+	+
Kew	775	00051	02	+	+
Heathrow	772	00051	03	+	+
Honington	586	00041	02	+	+
Wattisham	590	00041	02	+	+
Gorleston	497	02052	02	pr	+
Aberporth	502	02061	04	rr	+
Ross-on-Wye	627	00051	02	+	+
Filton	628	02061	04	pr_0prpr_0	+
Rhoose	715	02051	04	pr_0pHphr	+
Chivenor	707	01071	03	pr_0pr	+
Mount Batten	827	97051	51	pr_0	+
St. Mawgan	817	01061	04	ph_0r_0	pr_0
Scilly	804	94071	00	pr	pr
Culdrose	809	92041	51	pr_0	+
Guernsey	894	01071	06	pr	prl
Elmdon	534	97051	02	pr_0	pr_0
Cardington	559	00051	03	+	+
Wittering	462	00051	02	+	+
Watnall	354	91051	03	+	r_0pr_0
Shawbury	414	01051	01	pr_0pr	pr_0
Finningley	360	91051	03	+	r_0pr_0
Kilnsea	396	00051		+	+
Leeming	257	91051	03	ir_0	+
Tynemouth	262	00051	01	+	+
Carlisle	222	01051	04	r_0-r_0r_0	$r_0r_0ir_0$
Valley	302	05061	04	pr_0prphr	pr_0
Ringway	334	05051	04	r_0r	$r_0pr_0rpr_0$
Squires Gate	318	04061	05	Rr_0r_0	pr_0
Ronaldsway	204	04061	05	pr_0pR	pr_0r
Mull of Galloway	131	10052			
Eskdalemuir	162	01031	02	r_0	r_0pr_0
Prestwick	135	02031	02	$ir_0d_0r_0ir$	$ir_0d_0r_0$
Abbotsinch	140	97031	51	$r_0r_0ir_0$	+
Leuchars	171	03041	02	tlr_0	tl-rRr_0
Dyce	091	08062	05	pr~~o~~RR ir_0ir	~~pr~~or ir_0pr
Lerwick	005	91062	04	+	ir
Wick	075	10072	05	rrRR	rrRR
Sule Skerry	010	03052	03		
Cape Wrath	049	18042	03	ir_0	irRR
Stornoway	026	01042	01	+	r_0r_0
Benbecula	022	96031	51	+	pr_0
Tiree	100	01051	03	r_0r_0	r_0pr_0
Aldergrove	917	01042	03	r_0-r_0r_0	r_0
Malin	980	03051	04		
Belmullet	976	92041	00		
Birr	965	97011	51		
Dublin	969	02021	51		
Shannon	962	91021	51		
Roches Point	952	97031	00		
Valentia	953	93041	04		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	21004	50228	97258	95105	39560	00221	83932	/////	05103	10592	30405	36608
B	99565	70508	21004	80000	98022	18951	6547/	00808	86615	88359	0//57	10351	30000	35603
C	99524	70360	21003	12930	98021	13004	10930	00503	81358	/////	0//01	10795	30811	/////
D	99440	70411	21003	81035	96616	09009	8052/	00643	88520	/////	0//08	11606	30606	/////
E	99351	70480	21004	23125	97021	13620	28400	00121	82815	/////	0//15	12140	30504	/////
I	99590	70187	21004	61207	97031	88106	634//	00205	81915	83822	0//01	10905	30101	99/07
J	99525	70196	21004	32622	98278	95906	32400	61202	83820	/////	06202	11243	30705	31211
K	99453	70164	21004	12627	97018	14512	12500	71108	81830	/////	0//03	11549	31412	/////
M	99657	10012	21004	02018	98020	01007	00900	41125	/////	/////	00104	10693	30805	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	21064	60326	97808	00004	49560	11227	84930	/////	05301	10582	30607	/////
B	99565	70508	21064	72704	98022	18850	754//	00107	87615	/////	0//56	10370	30000	35502
C	99524	70360	21063	82830	98021	13104	855//	00803	88620	/////	0//02	10798	30709	/////
D	99440	70411	21063	80746	94516	00710	873//	00620	88709	/////	0//10	11607	30814	/////
E	99350	70480	21064	53218	98020	15617	55500	00103	85625	/////	0//14	12148	30503	/////
I	99590	70190	21064	40718	97158	87306	39403	51816	81915	/////	0//02	10915	30202	99/05
J	99525	70199	21064	72527	97808	94608	734//	61503	87915	/////	05907	11260	30706	31108
K	99451	70163	21064	12724	97018	13211	12600	31105	81839	/////	0//07	11542	31410	/////
M	99661	10016	21064	21716	98011	03907	25600	31111	82640	/////	05006	10743	30502	16804

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39812 — Date of Issue: Sunday 22 November 1970

OBSERVATIONS at 12h. — 21 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	72410	80021	03406	12522	03127	81820	83460	87070
Hurn	862	62306	80011	03909	11532	03226	81820	83359	85070
Thorney Island	871	62708	81031	04209	13505	04126	81822	83068	85072
Manston	797	62508	82031	03108	19503	04232	81920	85070	
Gatwick	776	62508	81031	03509	11532	04128	81825	83368	85072
Kew	775	62410	74021	02609	11502	02228	81824	86072	
Heathrow	772	72413	80031	02509	11532	03130	81820	87072	
Honington	586	12512	80020	00708	00902	02236	81075		
Wattisham	590	32613	74030	01408	00902	04237	83075		
Gorleston	497	32314	62020	99409	31500	04230	83825		
Aberporth	502	42413	82030	00707	22563	02117	82820	83070	
Ross-on-Wye	627	32109	82021	01408	11502	02224	81825	83074	
Filton	628	72308	62051	02408	12472	03125	81818	83070	87075
Rhoose	715	72604	75151	02208	23402	05119	81915	87070	
Chivenor	707	72312	80251	02908	52531	04219	85828	86360	
Mount Batten	827	72106	59251	04407	59438	04221	83815	83918	
St. Mawgan	817	72411	74158	04409	59563	03118	83925	83830	85070
Scilly	804	52411	82158	04909	43403	04113	84918		
Culdrose	809	72405	81258	04607	43511	05222	83920	85459	
Guernsey	894	71805	80158	05308	7946/	06122	82712	86820	81918
	534								
Elmdon	534	22616	75028	00108	11502	02132	81822		
Cardington	559	62211	64031	01208	00902	04135	86070		
Wittering	462	22514	80031	99608	11501	03237	81822		
Walnall	354	12512	74028	98609	18400	02136	81818		
Shawbury	414	12613	83021	99308	11501	02224	81825		
Finningley	360	22518	69018	96709	18530	04237	81820		
Kilnsea	396	22624	63016	96307	28500	04239	81825		
Leeming	257	72812	83252	93907	4353/	03244	81920	84645	
Tynemouth	262	72715	61022	90307	6553/	04241	86625		
Carlisle	222	82617	74606	92606	854//	04133	83712	85623	88635
Valley	302	32524	82020	99009	32401	03122	83819		
Ringway	334	12715	70028	97708	12502	01235	81820		
Squires Gate	318	32721	80018	96709	38502	03237	83820		
Ronaldsway	204	12519	86011	96308	12542	03228	81822		
Mull of Galloway	131	42726	80012	93907	11502	03228	81820	84075	
Eskdalemuir	162	82718	58808	91004	883//	02327	83708	83820	88630
Prestwick	135	73017	80026	91707	784//	02224	81710	84622	87645
Abbotsinch	140	82720	62586	89606	854//	03214	83714	85622	87638
Leuchars	171	72616	74026	86606	3847/	03309	81815	83650	85360
Dyce	091	82915	57656	83705	852//	05606	81705	86710	88618
Lerwick	005	80828	58636	92205	5532/	04724	83707	84625	88550
Wick	075	80815	58636	85107	853//	07714	83706	87710	88620
Sule Skerry	010	80824	66606	87708	5542/	07712	85612	88550	
Cape Wrath	049	80909	66636	86307	874//	06717	88710		
Stornoway	026	82809	75022	87507	3562/	06803	83630	83360	88462
Benbecula	022	72912	65808	89807	5837/	04104	81709	83815	85625
Tiree	100	62923	75258	90808	23432	02214	81917	83360	85072
Aldergrove	917	32413	80011	95606	19402	01221	81918	83070	
Malin	980	72821	85258	93608	525/2	01112	85820	85070	
Belmullet	976	62814	85038	96208	635//	02206	86820	82920	
Birr	965	32206	80011	99305	33502	02006	83820	81920	
Dublin	969	12512	82010	98106	12532	01209	81826		
Shannon	962	51808	85258	99406	33502	03010	82920	84070	
Roches Point	952	71207	81011	01107	19402	03008	81917	87070	
Valentia	953	72007	84258	00306	795//	04106	87925		

OBSERVATIONS at 18h. — 21 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	72210	62022	06304	19532	02113	81920	87072	
Hurn	862	72405	65028	06507	3957/	04216	81920	83630	86360
Thorney Island	871	42905	80011	06708	11403	03112	81818	84073	
Manston	797	72307	66022	07005	15602	03219	81635	87070	
Gatwick	776	72002	59022	06803	30972	01114	81360	83365	86070
Kew	775	42103	62011	06305	00902	01217	84070		
Heathrow	772	61806	59012	06306	20972	02216	82360	85070	
Honington	586	72107	69021	05804	00902	02123	87075		
Wattisham	590	72106	58022	06104	00902	02213	87075		
Gorleston	497	01805	62011	05006	00900	03230			
Aberporth	502	71811	62808	02805	794//	03212	81712	87918	
Ross-on-Wye	627	62007	66021	04605	00902	02217	86072		
Filton	628	72205	48818	05705	734//	04314	85914	86632	
Rhoose	715	71505	75258	05304	794//	03212	81915	87638	
Chivenor	707	72107	74258	04906	59503	03211	84920	85072	
Mount Batten	827	72816	69258	06207	785//	05313	83825	87643	
St. Mawgan	817	82505	66809	06206	7946/	04312	81714	86920	
Scilly	804	42415	82018	05907	48400	04207	84818		
Culdrose	809	72515	80258	05907	5953/	04114	83920		
Guernsey	894	72316	80258	08007	59532	03110	83820	85360	81921
Elmdon	534	62109	59021	04505	10932	03220	81360	86068	
Cardington	559	62010	66012	05505	12532	03220	81825	85070	
Wittering	462	32111	74011	04604	00902	02219	83072		
Walnall	354	32209	48040	03705	00902	02123	83070		
Shawbury	414	32207	66018	03305	19402	01116	81915	83072	
Finningley	360	02109	61010	02205	00900	02120			
Kilnsea	396	22416	66010	02705	20970	03228	82360		
Leeming	257	02009	83011	00905	00900	01234			
Tynemouth	262	02510	66018	97706	00900	02227			
Carlisle	222	22206	74028	98805	18532	02234	81820		
Valley	302	42321	82020	01207	39463	03213	81915	83822	
Ringway	334	11610	62010	02305	12502	01118	81825		
Squires Gate	318	42212	70018	01507	42500	04223	84822		
Ronaldsway	204	12513	82010	00007	12500	03219	81823		
Mull of Galloway	131	32321	80030	98506	32500	02231	83825		
Eskdalemuir	162	12414	70018	97503	12500	01231	81820		
Prestwick	135	62617	70018	97007	695//	03231	81920	85828	
Abbotsinch	140	52312	82018	96005	49431	02332	81916	83820	
Leuchars	171	52420	82028	92405	11431	02237	81815	83362	85070
Dyce	091	82415	68616	88606	7552/	03333	82620	87627	88457
Lerwick	005	81022	60626	88407	5532/	06309	83708	85617	88550
Wick	075	82811	40636	85305	5712/	05315	82702	84705	88520
Sule Skerry	010	80215	64606	85207	5742/	07706	85710	88550	
Cape Wrath	049	82702	66616	86206	874//	05703	88710		
Stornoway	026	82820	62618	88806	854//	06214	82710	88622	
Benbecula	022	62616	80028	92607	12432	03218	81819	85075	
Tiree	100	32619	87258	93906	22502	02217	82820		
Aldergrove	917	12110	75020	98703	15600	01218	81630		
Malin	980	52318	83258	96506	535//	03214	85920		
Belmullet	976	72114	84808	97306	635/3	02208	86921		
Birr	965	32502	75258	01503	33500	02114	83920		
Dublin	969	12105	62051	01104	10930	02217	81362		
Shannon	962	31805	74258	01104	33400	03217	83918		
Roches Point	952	22108	81018	02805	29400	03215	82917		
Valentia	953	52411	80808	01607	59500	03110	85924		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00091	012	+	l
Hurn	862	91101	025	+	pro
Thorney Island	871	00102	029	+	91
Manston	797	00081		+	+
Gatwick	776	00091	042	+	+
Kew	775	00091	050	+	+
Heathrow	772	00091	050	+	+
Honington	586	00091		+	+
Wattisham	590	00082	057	+	+
Gorleston	497	00091	061	+	+
Aberporth	502	03081	035	pro	proprphr
Ross-on-Wye	627	93091	040	+	pr
Filton	628	04091	024	prphr	phrpropr
Rhoose	715	09091	000	phoropropphr	propphorol
Chivenor	707	02101	009	prphr	lpr
Mount Batten	827	01101	014	pro	phopro
St. Mawgan	817	09101	010	protolopr	pRphoR
Scilly	804	94111	014	pr	+
Culdrose	809	03092	020	pro	phopropho
Guernsey	894	06092	009	phoropr	proprpHR1
Elmdon	534	00091	063	jp	+
Cardington	559	00091	061	+	+
Wittering	462	00091	057	+	+
Walnall	354	00091	059	+	+
Shawbury	414	97091	059	pro	jp
Finningley	360	00101	060	+	+
Kilnsea	396	00081	054	+	+
Leeming	257	97091	030	pro	+
Tynemouth	262	97071	003	+	pro
Carlisle	222	04081	023	roriropr pro	prpHR
Valley	302	00091	064	+	+
Ringway	334	00081	063	+	+
Squires Gate	318	01091	041	pro	propRtl
Ronaldsway	204	00091	057	+	+
Mull of Galloway	131	91071			
Eskdalemuir	162	95051	000	propho	phopro
Prestwick	135	01091	004	iropro	pro
Abbotsinch	140	01071	004	idorororopro	pro
Leuchars	171	97071	000	ro	+
Dyce	091	10062	000	roRRr	roriro
Lerwick	005	08072	000	irrr	ir
Wick	075	25082	000	rrroro	RRrr
Sule Skerry	010	06082			
Cape Wrath	049	29082	000	rr	rororr
Stornoway	026	01072	000	+	roroiro
Benbecula	022	02081	005	prpro	pro
Tiree	100	02081	020	prororpr	pro
Aldergrove	917	00071	058	jp	+
Malin	980	9308	014		
Belmullet	976	0108	008		
Birr	965	0207	042		
Dublin	969	9707	061		
Shannon	962	0209	019		
Roches Point	952	9709	032		
Valentia	953	0209	019		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

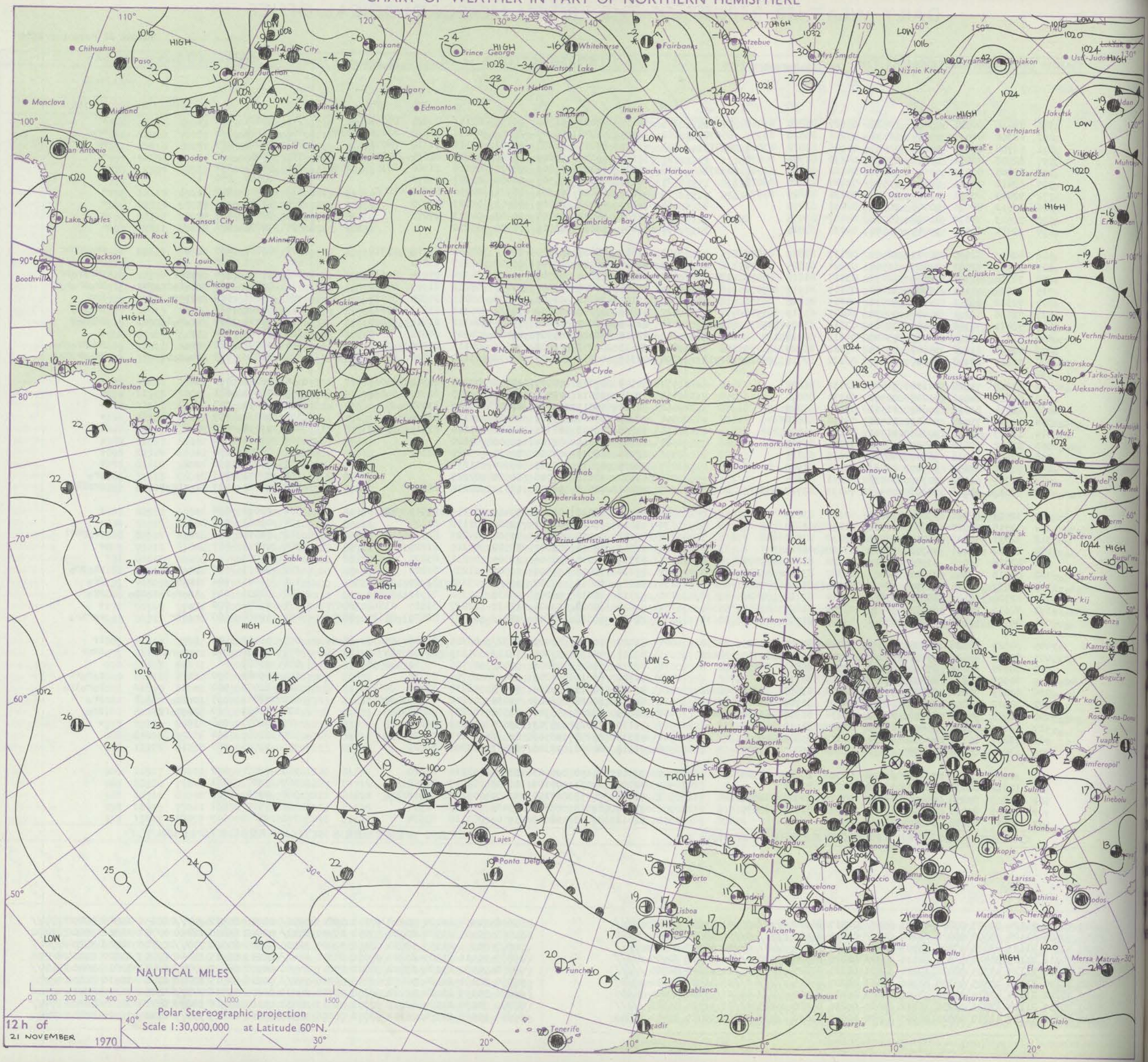
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	21124	80427	97808	02903	6567/	00217	86930	/////	05501	10605	30607	/////
B	99565	70506	21124	70000	98022	20200	755//	00116	87623	/////	0//56	10350	30000	36602
C	99523	70355	21123	83036	97808	13703	825//	00501	88820	/////	0//00	10797	30808	/////
D	99440	70411	21123	80448	94635	02010	7732/	00320	87808	88520	0//08	11677	30915	/////
E	99348	70480	21124	43325	98021	19318	31501	00221	83825	/////	0//11	12220	30705	/////
I	99590	70190	21124	70505	96258	88306	69463	00007	84915	/////	0//03	10914	30202	99/07
J	99526	70202	21124	42825	98258	98408	49463	00219	84915	/////	05803	11202	30809	31009
K	99449	70157	21124	62826	98258	16112	69500	00216	81920	85825	0//06	11526	31410	/////
M	99660	10018	21124	11710	98020	05907	12500	00007	81830	/////	05005	10710	30401	20803

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70334	21184	70228	97158	06203	5956/	00218	85922	/////	05550	10582	30608	/////
B	99565	70505	21184	80000	97852	19700	6742/	00802	86810	88460	0//51	10336	30000	36602
C	99527	70355	21183	73020	98158	12905	72500	00305	87820	/////	0//00	10786	30808	/////
D	99439	70411	21183	80247	97076	08312	6542/	00233	86615	88440	0//07	11620	31117	03506
E	99350	70480	21184	63522	98021	19217	64500	00508	86620	/////	0//11	12216	30706	/////
I	99590	70191	21184	71408	97258	90206	794//	00216	82915	83820	0//04	10910	30100	99/06
J	99526	70199	21184	22732	98158	98708	29400	00306	82916	/////	05802	11212	30911	31910
K	99449	70158	21184	62719	97151	16713	23432	00105	81916	84073	0//04	11525	31408	/////
M	99659	10018	21184	21112	98010	06106	28500	00000	81825	/////	05105	10728	30401	20802

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
TROUGH
Chihuahua
Monclova
Midland
San Antonio
Fort Worth
Lake Charles
Jackson
Boothville
Montgomery
Nashville
Columbus
Tampa
Jacksonville
Augusta
Charleston
Norfolk
Washington
Pittsburgh
Detroit
Chicago
Kansas City
Minneapolis
St Louis
Little Rock
Dodge City
Grand Junction
Rapid City
Bismarck
Omaha
Winnipeg
Regina
Calgary
Edmonton
Prince George
Whitehorse
Watson Lake
Fort Nelson
Spokane
Fairbanks
Inuvik
Fort Smith
Island Falls
Churchill
Baker Lake
Chesterfield
Sachs Harbour
Coppermine
Cambridge Bay
Resolute Bay
Eureka
Arctic Bay
Nottingham Island
Clyde
Resolution
Fort Chimo
Nain
Goose
Gander
Cape Race
Sable Island
Bermuda
Anticosti
Stephenville
Thule
Godthab
Frederikshab
Prins Christian Sund
Angmagssalik
Reykjavik
Thorshavn
Stornoway
Glasgow
Belmullet
Valentia
Holyhead
Aberporth
London
Manchester
Scilly
Paris
Bordeaux
Santander
Oporto
Lisboa
Sagres
Gibraltar
Alicante
Madrid
Barcelona
Mahon
Casablanca
Funchal
Tenerife
Agadir
Lajes
Ponta Delgada
Nuuk
Jakobshavn
Godthaab
Nikolajevsk
Mys Smidta
Nižnie Kresty
Tatinskaja
Okhotsk
Ust-Judoma
Jakutsk
Verhojansk
Cokurdah
Ostrov Kotel'nyj
Ostrov Kohova
Olenek
Tiksi
Džardžan
Vilujsk
Tiksi
Ostrov Čeljuskin
Dikson Ostrov
Russkaja Gavan'
Malye Karmakuly
Amderma
Varandej
Kanin Nos
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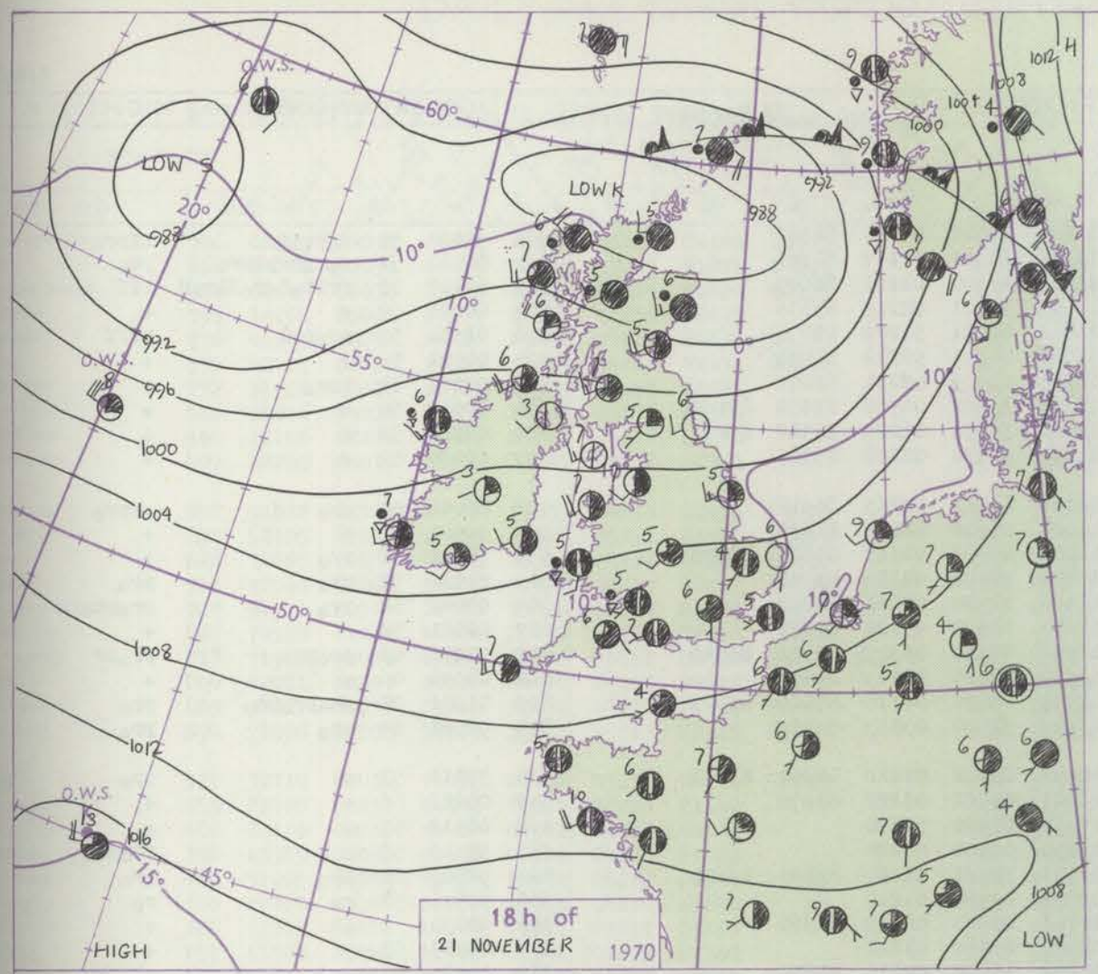

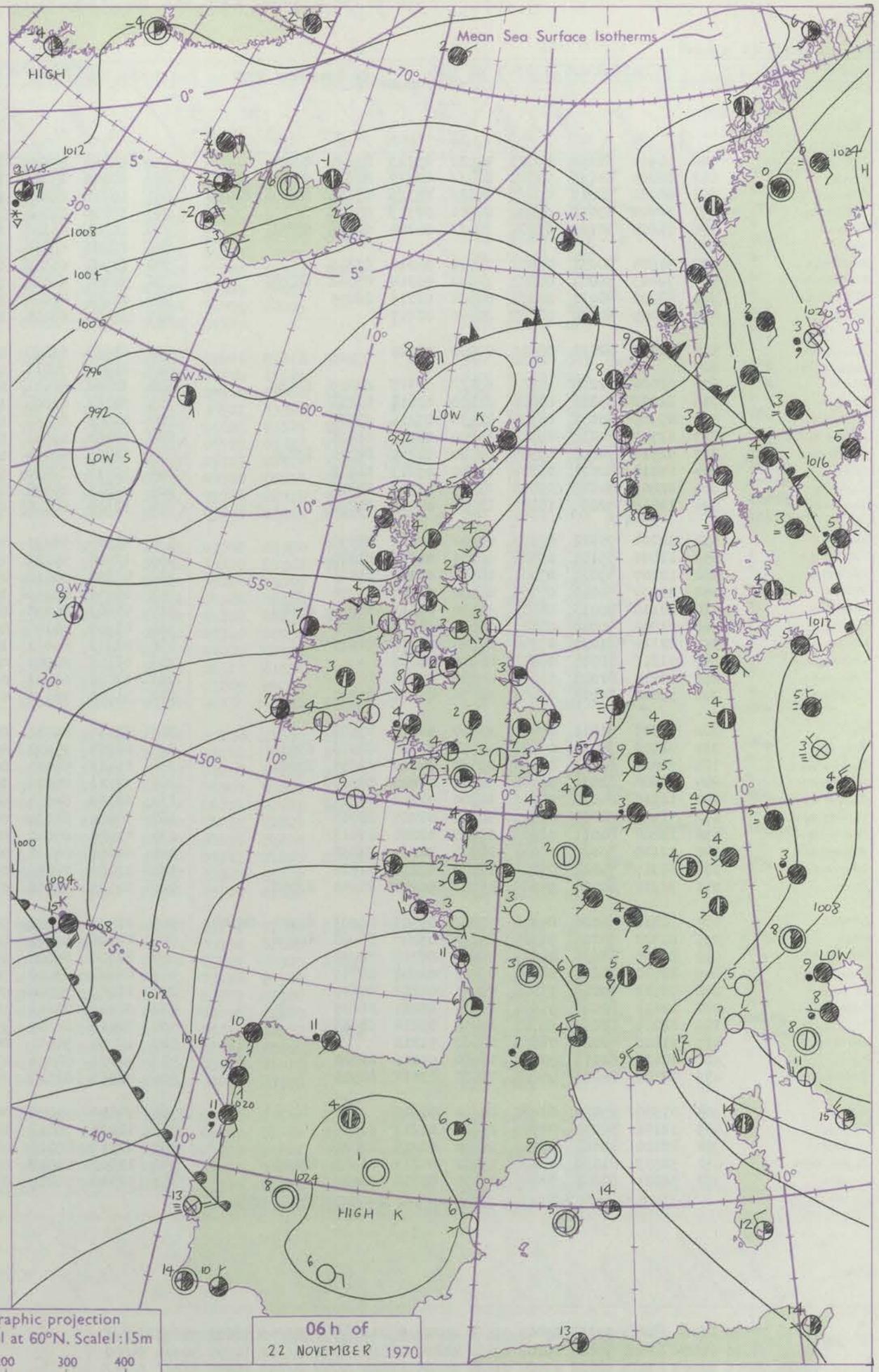

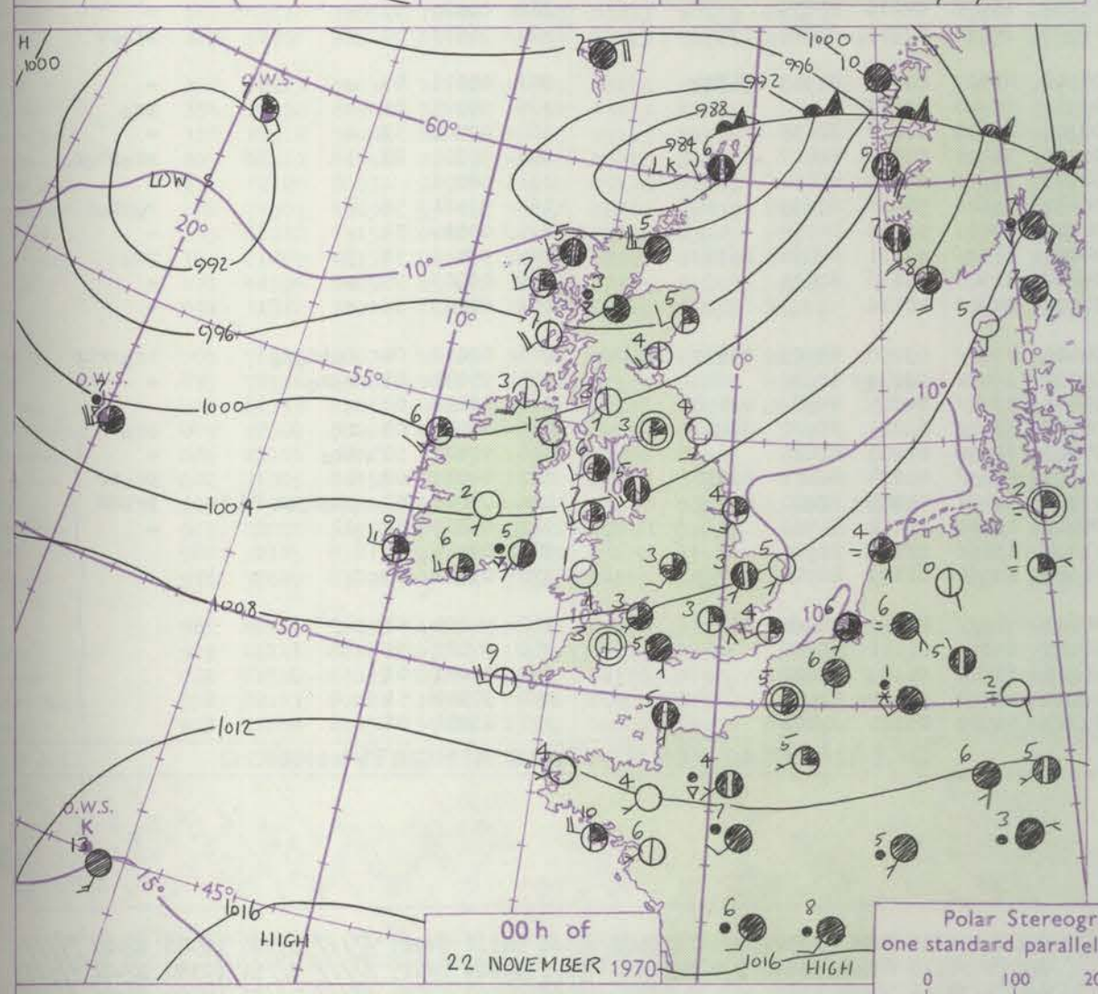

Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

06 h of
22 NOVEMBER 1970

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 22 November 1970

The low complex continues to dominate the weather over the British Isles. The centre about 400 miles west of the Hebrides is expected to remain almost stationary. A depression off northeast England yesterday morning moved northeast slowly but turned north then northwest and is now centred near the Faeroes. It is expected to fill slowly and become slow moving. South of this depression an unstable southwest to west airstream has covered the British Isles. During the next 24 hours it is expected to back to southerly ahead of a warm front associated with a deep depression, now centred just southwest of Azores, but which is expected to move northeast to about 150 miles southwest of Ireland by tomorrow morning.

Code FM 11.D **OBSERVATIONS at 00h.** 22 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	51910	62256	09003	48531	03217	81820	83630	
Hurn	862	81804	64256	09305	884//	04219	82818	83627	88639
Thorney Island	871	80000	58819	09805	4942/	05320	81818	84926	88459
Manston	797	32408	83011	09804	00901	02313	83075		
Gatwick	776	71805	56108	09704	785//	03214	84829	87640	
Kew	775								
Heathrow	772	31504	50031	08803	28502	02214	81825		
Honington	586	72003	56031	08803	30932	01214	83362	86075	
Wattisham	590	62203	48031	08903	00902	01213	86075		
Gorleston	497	02005	60020	08805	00900	02217			
Aberporth	502	01707	82018	06601	00900	01220			
Ross-on-Wye	627								
Filton	628	62004	62258	08303	684//	02318	82819	86639	
Rhoose	715	22203	83218	08004	21400	02218	82816		
Chivenor	707	40905	80038	08304	32630	03216	83830		
Mount Batten	827	12705	74038	09305	15600	03215	81635		
St. Mawgan	817	52514	74808	09307	59500	02319	82925	83835	
Scilly	804	12418	82020	09209	12400	05213	81818		
Culdrose	809	22809	82028	09008	22500	03319	82826		
Guernsey	894	12816	82258	10407	12500	04218	81820		
Elmdon	534	62108	75022	07403	00902	02215	86070		
Cardington	559	11805	59101	08302	00901	01215	81070		
Wittering	462	12207	59020	07901	00901	00218	81075		
Watnall	354	32107	50040	07203	00902	02217	83070		
Shawbury	414	42110	80018	06404	38530	02214	81825	83645	
Finningley	360	21806	50040	06402	00902	01319	82075		
Kilnsea	396	22114	61020	07304	15530	02219	81625		
Leeming	257	01812	66020	04903	00900	01219			
Tynemouth	262	02115	61020	03804	00900	02228			
Carlisle	222	30000	74018	03403	38500	02222	81820		
Valley	302	32317	81011	04707	32500	02222	83820		
Ringway	334	71909	75031	05603	25702	01215	82650	87070	
Squires Gate	318	72014	80019	04805	20932	04220	82365	87075	
Ronaldsway	204	52308	82031	03706	52400	03223	85819		
Mull of Galloway	131	12316	84030	02106	12500	01218	81820		
Eskdalemuir	162	31906	62030	02701	36200	01225	83705		
Prestwick	135	12007	80011	01603	11400	02224	81818		
Abbotsinch	140	12109	80028	00604	18400	02225	81818		
Leuchars	171	12317	74021	99504	15500	02231	81620		
Dyce	091	32312	80016	97005	15701	50241	81650	83070	
Lerwick	005	72312	66026	84906	772//	05507	81703	83705	86708
Wick	075	82723	70216	91305	855//	03244	82620	88656	
Sule Skerry	010	82905	58636	89307	874//	06218	88710		
Cape Wrath	049	82740	74626	88106	874//	02207	88715		
Stornoway	026	72312	70016	93305	755//	04222	87627		
Benbecula	022	22412	80028	95807	15602	03217	81635		
Tiree	100	12219	82278	96807	19400	05214	81918		
Aldergrove	917	01810	74020	02001	00900	51216			
Malin	980	12118	82011	99203	18500	01216	81820		
Belmullet	976	22113	84028	99206	23500	03111	82921		
Birr	965	01907	69010	03402	00900	01215			
Dublin	969	12106	80030	03903	15600	01217	81635		
Shannon	962	22108	80018	03505	25600	03216	82635		
Roches Point	952	32313	81030	05406	19402	04217	81917	83070	
Valentia	953	32814	80258	04609	39500	04218	83923		

OBSERVATIONS at 06h. 22 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	21809	59028	12601	10941	01115	81362		
Hurn	862	20000	25114	12951	10931	51117	81360		
Thorney Island	871	10701	06418	13701	15600	01221	81640		
Manston	797	32405	89011	13503	35701	02219	83656		
Gatwick	776	12303	40288	13451	00901	51222	81075		
Kew	775	10000	66110	13000	00901	50222	81075		
Heathrow	772	11904	65038	12603	00901	02221	81072		
Honington	586	32207	56021	12202	35602	01318	81630	83656	
Wattisham	590	52104	48021	12402	30932	01220	83362	83075	
Gorleston	497	32308	60020	11204	30930	02108	83360		
Aberporth	502	61910	66808	09104	694//	03213	86918		
Ross-on-Wye	627	21903	70018	11003	25600	02212	82630		
Filton	628	32204	62011	11204	15501	02113	81625	83073	
Rhoose	715	32112	82808	10806	38500	04113	83820		
Chivenor	707	40000	80258	11406	32530	04216	83828		
Mount Batten	827	12402	69031	12603	15500	03120	81625		
St. Mawgan	817	42517	80258	12708	49500	05318	82923	83830	
Scilly	804	12712	82020	12709	12400	07219	81818		
Culdrose	809	42816	80038	12009	43500	04116	81920	83823	
Guernsey	894	32610	82258	13907	32400	03113	83819		
Elmdon	534	41905	56031	10902	20932	01118	82360	83070	
Cardington	559	12007	59101	12001	00902	01222	81070		
Wittering	462	02208	58010	11550	00900	51220			
Watnall	354	00000	23108	11000	00900	50220			
Shawbury	414	41603	80030	09901	38501	01217	81825	83650	
Finningley	360	01907	50106	09802	00900	01217			
Kilnsea	396	22311	66011	10703	20970	02219	82360		
Leeming	257	01506	28041	08902	00900	51222			
Tynemouth	262	12006	61021	07203	15600	02216	81635		
Carlisle	222	31507	78030	06503	38500	01215	81820	83643	
Valley	302	52318	80031	07108	49403	04113	81913	84817	
Ringway	334	01709	75021	09302	00900	01215			
Squires Gate	318	21511	56041	08302	25600	01215	82636		
Ronaldsway	204	32211	84018	06007	38400	04312	82817		
Mull of Galloway	131	62322	84031	04607	626//	04210	86830		
Eskdalemuir	162	30000	62030	06151	35600	52214	83635		
Prestwick	135	41404	80021	04302	00901	02108	84075		
Abbotsinch	140	61807	80031	04005	3843/	02111	82816	86362	
Leuchars	171	12109	74021	04202	11400	00116	81815		
Dyce	091	02117	80010	02704	00900	00116			
Lerwick	005	82335	66216	94106	4722/	03250	83705	83630	88545
Wick	075	22115	80021	99405	15632	03237	81630		
Sule Skerry	010	82730	66028	93408	5342/	04225	85915	88458	
Cape Wrath	049	82328	83028	94307	3351/	02225	83920	88460	
Stornoway	026	12109	75020	97903	12500	02227	81825		
Benbecula	022	62107	70251	98507	685//	03214	84821	86630	
Tiree	100	72319	62809	99706	794//	05209	81710	87917	
Aldergrove	917	12005	70011	04601	16100	00212	81702		
Malin	980	32121	82031	01204	13502	02107	81920		
Belmullet	976	42316	82028	01307	23560	02109	82920	83359	
Birr	965	71810	75038	06803	785//	01312	86820	85635	
Dublin	969	12206	70018	06403	15600	01211	81635		
Shannon	962	12111	80018	06105	12500	01109	81822		
Roches Point	952	11807	81018	09104	19400	02210	81918		
Valentia	953	52310	70259	07107	59500	03210	85822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	93001	55	ro pro if	if pro
Hurn	862	05521	51	ro rp hr pR pro	pro
Thorney Island	871	05512	53	pr lt o lo ro TL ro R	iff
Manston	797	00021	52	+	+
Gatwick	776	01531	55	pro pr l	ifff
Kew	775	00521	56	+	+
Heathrow	772	97021	51	l pro	+
Honington	586	97011	52	+	+
Wattisham	590	00012	52	+	+
Gorleston	497	00030	52	+	+
Aberporth	502	06011	50	pro	prpro
Ross-on-Wye	627	94021	51	+	+
Filton	628	92021	52	pro	+
Rhoose	715	01031	51	pro	pro
Chivenor	707	03041	52	pro	pro pho ro
Mount Batten	827	00021	52	+	+
St. Mawgan	817	01051	01	pro pr	pro pr
Scilly	804	00070	06	+	+
Culdrose	809	01041	00	ph a pro pho	pro
Guernsey	894	92061	04	pro	pro
Elmdon	534	97011	53	+	pro
Cardington	559	00003	56	+	+
Wittering	462	00513	55	+	+
Watnall	354	97513	57	pro	fd o pro
Shawbury	414	92503	55	pro	pro
Finningley	360	97511	52	ro	ro
Kilnsea	396	00030		+	+
Leeming	257	00003	53	+	+
Tynemouth	262	00021	51	+	+
Carlisle	222	96021	51	pr	pro pr
Valley	302	00071	04	+	+
Ringway	334	97021	01	+	pro
Squires Gate	318	00501	53	+	+
Ronaldsway	204	95061	03	1	pro pho ro
Mull of Galloway	131	00051			
Eskdalemuir	162	93511	56	+	ro pho f
Prestwick	135	00011	51	+	+
Abbotsinch	140	97031	51	jp	pro
Leuchars	171	00003	55	+	+
Dyce	091	00023	53	+	+
Lerwick	005	02052	04	irid o ro	ir o rrir
Wick	075	95041	01	ro ro	+
Sule Skerry	010	09051	03		
Cape Wrath	049	03052	03	ir	pro
Stornoway	026	97021	50	ir o	+
Benbecula	022	01031	02	+	pro pr
Tiree	100	03051	03	pho ro pr r a lo f r	prpHR
Aldergrove	917	00003	52	+	+
Malin	980	00021	00		
Belmullet	976	03052	00		
Birr	965	94021	51		
Dublin	969	97021	51		
Shannon	962	01031	01		
Roches Point	952	97041	51		
Valentia	953	03051	01		

Code FM 21.D **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	22004	60226	97158	09003	59560	00221	85922	/////	05600	10600	30608	/////
B	99565	70510	22004	81805	97028	19102	6742/	00810	86815	88457	0//52	10390	30000	34602
C	99525	70355	22003	23016	98028	13005	21500	00605	82820	/////	0//02	10806	3////	/////
D	99442	70414	22003	63639	97252	15510	64500	00132	86630	/////	0//07	11588	30914	/////
E	99349	70480	22004	60217	98022	21717	65500	00219	86625	/////	0//11	12118	30502	34604
I	99591	70192	22004	31308	97028	92507	39400	00211	81915	83630	0//04	10883	30202	99/06
J	99525	70198	22004	62525	97808	01307	5346/	61213	85915	/////	06003	11223	30706	28908
K	99448	70158	22004	81716	97032	14813	2565/	00817	82633	88360	0//07	11513	30401	27405
M	99660	10016	22004	80715	98028	04007	885//	00815	82830	88640	05105	10730	30502	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	22064	60324	97838	11302	49560	00212	84925	/////	05650	10588	30507	/////
B	99565	70510	22064	81816	97022	16101	854//	00720	88615	/////	0//51	10380	30402	/////
C	99527	70355	22063	51720	98021	13406	52500	00004	85820	/////	0//01	10800	30706	/////
D	99439	70411	22063	33628	97028	11010	32500	00307	83830	/////	0//06	11618	30910	/////
E	99348	70480	22064	70210	98032	22217	755//	00803	87625	/////	0//10	12118	30000	34703
I	99591	70192	22064	51507	98151	94806	53400	00215	81915	84645	0//03	10906	30100	99/05
J	99525	70202	22064	12607	99018	02908	11400	61104	81816	/////	05604	11186	30703	30006
K	99449	70157	22064	81538	96616	05814	4557/	41756	84626	88459	0//13	11505	30605	27404
M	99660	10016	22064	60908	98022	02507	68500	00506	82825	86640	05105	10741	30502	00/00

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H.M.S.O. Press, Met.O. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39813 — Date of Issue: Monday 23 November 1970

OBSERVATIONS at 12h. — 22 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62107	62038	16008	15632	06114	81640	86075	
Hurn	862	60000	57058	16409	12538	06015	81825	84270	
Thorney Island	871	62606	61038	17009	12502	06115	81820	86075	
Manston	797	12208	85021	17109	12601	03116	81835		
Gatwick	776	42205	70034	16410	15602	06113	81635	83075	
Kew	775	42107	66030	15709	11604	04108	81832	84072	
Heathrow	772	31908	65030	15708	11543	04112	81820		
Honington	586	31806	57031	15606	10944	03116	81360		
Wattisham	590	12106	62021	15907	15601	03114	81630		
Gorleston	497	22209	60010	15007	20930	03212	82360		
Aberporth	502	51812	82028	12708	19403	04213	81918	85072	
Ross-on-Wye	627	52105	63030	14409	12506	05211	81825	85075	
Filton	628	52008	64048	14909	28501	04114	81822	84070	
Rhoose	715	72010	68808	14609	59431	05117	82915	84645	87075
Chivenor	707	61911	80018	14509	13506	06110	81925	86072	
Mount Batten	827	72507	64031	16110	28438	07110	82818	86270	
St. Mawgan	817	71908	74021	15609	33576	05012	81920	83462	86275
Scilly	804	82011	82021	14710	22407	07003	82818	88270	
Culdrose	809	72412	80038	15210	33472	06112	81918	84462	
Guernsey	894	72006	82278	17710	39438	05013	83918	87275	
Elmdon	534	32110	63038	14107	11432	03115	81818	83072	
Cardington	559	22110	70010	14909	15631	04008	81640		
Wittering	462	22110	62011	14407	00902	04211	82072		
Watnall	354	12309	32048	13606	00902	04108	81069		
Shawbury	414	51905	61048	13207	19432	04113	81918	83360	
Finningley	360	12108	48046	13207	15731	04210	81650		
Kilnsea	396	52310	61021	14006	40971	03115	84360		
Leeming	257	11508	23044	12203	10942	01212	81362		
Tynemouth	262	52110	32051	10704	20948	03213	82359	85275	
Carlisle	222	51706	62028	09705	49463	03113	81715	83640	81920
Valley	302	22123	80031	11110	11505	05115	81820		
Ringway	334	12012	62028	12606	11532	03113	81825		
Squires Gate	318	11812	56041	11408	19403	05113	81918		
Ronaldsway	204	42213	86018	09809	48501	03218	84824		
Mull of Galloway	131	12520	84011	07908	12500	05116	81825		
Eskdalemuir	162	71907	58896	09402	793//	02210	84709	85918	
Prestwick	135	62010	75151	07807	43542	03214	83820	81925	
Abbotsinch	140	61809	66158	07407	5843/	03115	81816	84822	
Leuchars	171	42304	64051	07707	38432	03211	81818	83624	
Dyce	091	31812	70011	07603	18432	01215	81818	83069	
Lerwick	005	71923	80036	02707	38501	04240	82820	86070	
Wick	075	72116	85031	04407	38532	02119	81820	83640	85070
Sule Skerry	010	62319	81038	00608	635//	04235	83920	86625	
Cape Wrath	049	72320	83018	01506	735//	04229	87920		
Stornoway	026	22110	84021	01907	29560	05220	82925		
Benbecula	022	21905	86158	02307	29400	03219	82915		
Tiree	100	72512	66808	03706	793//	05220	82708	83916	86630
Aldergrove	917	22012	66020	07804	18501	01218	81820		
Malin	980	32125	83011	04706	39503	03212	83920		
Belmullet	976	72615	83898	05108	735//	04215	86920		
Birr	965	41911	82038	09507	18502	03208	81821	84070	
Dublin	969	22211	82020	09608	11530	01111	81820		
Shannon	962	51510	83021	09207	29505	04110	81925	85275	
Roches Point	952	82113	80021	10908	29476	04000	82918	83459	88270
Valentia	953	71808	80038	09208	23502	04004	82924	87070	

OBSERVATIONS at 18h. — 22 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61705	61252	16606	48432	05303	81818	84630	85075
Hurn	862	71706	58031	16309	6857/	06400	81822	86640	85360
Thorney Island	871	82108	66032	17808	48557	07205	81825	84645	88270
Manston	797	52209	81021	18305	12502	03207	81820	85075	
Gatwick	776	71903	65021	17903	20938	02206	82365	87275	
Kew	775	61903	58051	17005	00901	03205	86075		
Heathrow	772	61807	59021	17007	10938	04206	81362	86275	
Honington	586	41805	37111	17304	00902	03308	84075		
Wattisham	590	22107	37051	17606	00901	04209	82075		
Gorleston	497	02007	60020	17306	00900	04209			
Aberporth	502	81611	80038	12707	1847/	05001	81818	88463	
Ross-on-Wye	627	71901	57028	15205	555/1	04104	85625		
Filton	628	81607	32042	15207	10937	05500	81360	88272	
Rhoose	715	81408	66028	14608	30977	06501	83362	88270	
Chivenor	707	81006	74022	13608	12577	06806	81825	85460	88275
Mount Batten	827	71713	74028	13910	7847/	06710	83818	87647	87362
St. Mawgan	817	81411	66602	12907	4847/	05715	81710	83656	88460
Scilly	804	81813	61626	11109	6542/	08716	86618	88458	
Culdrose	809	81808	78216	12510	3242/	05716	82710	88460	
Guernsey	894	81618	81028	16210	5842/	05107	83814	85621	88465
Elmdon	534	51706	58051	15804	10942	03308	81358	85075	
Cardington	559	41709	58051	16705	10932	03207	81362	84075	
Wittering	462	52106	58021	16403	00901	03210	85075		
Watnall	354	21906	23041	15805	00901	04310	82068		
Shawbury	414	71804	61042	14605	35672	04208	83630	83360	87073
Finningley	360	20000	28100	15304	00901	03310	82072		
Kilnsea	396	22312	58011	15405	20970	04207	82360		
Leeming	257	11808	14040	14403	00901	02313	81075		
Tynemouth	262	42009	32051	12804	00901	03209	84075		
Carlisle	222	51506	62038	12205	48502	02216	82820	83640	
Valley	302	71915	74251	11909	12406	05104	81818	87275	
Ringway	334	31608	40041	14305	25602	03210	82640	83070	
Squires Gate	318	71610	40041	13205	22508	03210	82825	86275	
Ronaldsway	204	32010	82020	11309	18532	04307	81826	83070	
Mull of Galloway	131	62321	80031	10107	685//	04214	81825	86645	
Eskdalemuir	162	32007	74018	11402	38500	01213	82821		
Prestwick	135	11806	64011	09904	18500	03213	81820		
Abbotsinch	140	31907	68018	09806	38500	03313	81820	83640	
Leuchars	171	61902	69031	10104	55502	02214	85622		
Dyce	091	22008	70020	09802	25700	00214	82650		
Lerwick	005	71914	80022	06606	48538	03218	82820	83630	86270
Wick	075	12106	86011	07405	18540	03218	81820		
Sule Skerry	010	32313	82018	04507	33500	05220	82920	83625	
Cape Wrath	049	42312	83018	04905	43500	03218	84920		
Stornoway	026	21915	84251	05106	29500	05217	82920		
Benbecula	022	31605	82258	05203	23560	03216	81920		
Tiree	100	62017	70148	05907	694//	05219	82912	83920	
Aldergrove	917	21807	75010	09503	15601	01213	81630		
Malin	980	42116	83011	07205	39403	03212	83918		
Belmullet	976	31907	84018	06404	33500	02208	83920		
Birr	965	71505	80012	09306	35678	03000	83636	83459	87270
Dublin	969	71603	58041	10605	20938	03105	82360	87270	
Shannon	962	70906	74032	08306	5557/	05803	81625	85656	87460
Roches Point	952	81411	70022	08610	1567/	07711	81640	88457	
Valentia	953	81611	65608	06607	864//	05714	85718	84656	

OBSERVATIONS during DAY

Station	iii	RRT	T_xT_E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92101	055	+		pr_oir_o
Hurn	862	91111	049	+		pr_o
Thorney Island	871	91111	041	pr_o		pr_o
Manston	797	00101		+		+
Gatwick	776	97101	051	if		pr_o
Kew	775	00101	064	+		+
Heathrow	772	00101	065	+		+
Honington	586	00091		+		+
Wattisham	590	00081	059	+		+
Gorleston	497	00090	063	+		+
Aberporth	502	91091	040	pr_o		ir_o
Ross-on-Wye	627	95091	041	pr		ir_o
Filton	628	94101	046	pr_o		+
Rhoose	715	01101	025	pr_opr		pr_o
Chivenor	707	91101	014	pr_o		r_o
Mount Batten	827	02112	023	pr_o		rrR
St. Mawgan	817	05102	020	jp		ir_orr
Scilly	804	11112	000	+		ir_orr
Culdrose	809	09112	002	pr_o		irrrRR
Guernsey	894	02111	006	pr_ophr		ir_oir
Elmdon	534	00091	056	+		+
Cardington	559	00091	055	+		+
Wittering	462	00081	058	+		+
Watnall	354	91081	027	pr_o		+
Shawbury	414	00081	039	+		+
Finningley	360	94071	033	r_or		+
Kilnsea	396	00070	055	+		+
Leeming	257	00061	041	f		f
Tynemouth	262	00061	048	+		+
Carlisle	222	01081	020	$prph_o$		pr_o
Valley	302	92101	039	+		pr_o
Ringway	334	00081	053	+		+
Squires Gate	318	00091	049	+		+
Ronaldsway	204	97101	054	pr_o		pr_o
Mull of Galloway	131	00091				
Eskdalemuir	162	04051	006	$phfph_or_opr_o$		pr_oph_o
Prestwick	135	00081	051	+		+
Abbotsinch	140	97071	010	pr_o		pr_o
Leuchars	171	00071	044	+		+
Dyce	091	00061	050	+		+
Lerwick	005	91072	027	+		ir_o
Wick	075	00071	043	+		+
Sule Skerry	010	04092				
Cape Wrath	049	02071	012	pr_o		pr_o
Stornoway	026	94071	016	+		pr_o
Benbecula	022	96091	021	pr_o		$prpr_o$
Tiree	100	07071	003	prpR		pr_opr
Aldergrove	917	00071	066	+		+
Malin	980	0007	056			
Belmullet	976	0409	027			
Birr	965	9208	042			
Dublin	969	9708	039			
Shannon	962	0008	036			
Roches Point	952	0010	010			
Valentia	953	0210	000			

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

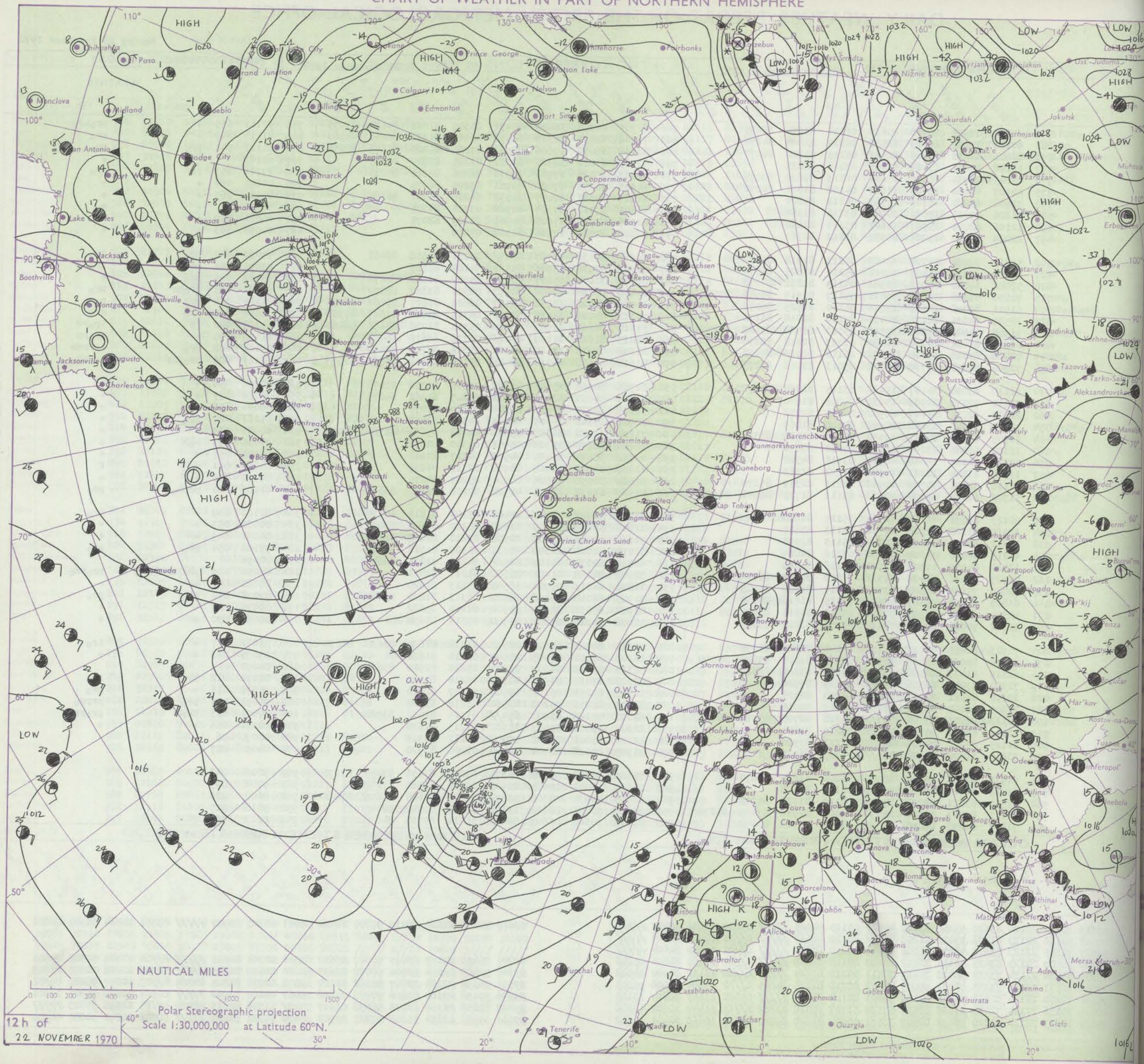
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$ITwTwTwET$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	22124	63620	97268	13102	49560	00110	84925	/////	05600	10586	304095	/////
B	99565	70510	22123	81526	97022	11203	854//	00729	88610	/////	0//01	10404	305004	/////
C	99527	70355	22123	73220	98071	15006	72500	00210	87820	/////	0//01	10770	306004	/////
D	99440	70409	22123	63420	98151	20712	68400	00118	84818	/////	0//03	11780	308006	05806
E	99350	70480	22124	73505	98022	24419	75511	00218	87625	/////	0//08	12112	300000	34603
I	99591	70191	22124	71205	98031	99007	48572	00218	81825	84645	0//02	10895	300000	99/05
J	99526	70200	22124	32613	99258	03109	39401	00102	81918	/////	05402	11167	308003	33105
K	99448	70156	22124	72134	97038	03517	57538	51707	85720	83362	0//15	11547	307095	18906
M	99660	10013	22124	61720	98032	02907	38571	00804	81820	83640	00205	10666	304001	10802

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$ITwTwTwET$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	22184	60213	97808	14404	59561	00207	85927	/////	05351	10584	30303	02606
B														
C														
D	99441	70410	22183	63414	98022	20612	65500	00301	86625	/////	0//04	11783	30806	05804
E	99348	70480	22184	60506	98022	23617	65600	00609	86645	/////	0//08	12108	30000	01603
I	99591	70192	22184	70907	98022	01107	14578	00314	81825	84364	0//03	10897	30100	99/06
J	99526	70198	22184	52808	97258	01808	39461	00102	82914	/////	05903	11262	30805	25904
K	99447	70158	22184	82035	96038	01417	7547/	51708	87616	88460	0//15	11598	31013	/////
M	99661	10013	22184	51832	97212	02908	35670	41221	82645	/////	00306	10672	30807	00/00

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
WRIGHT (Mid-November)
984
Whitehorse
Fairbanks
Watson Lake
Fort Nelson
Prince George
Calgary
Edmonton
Inuvik
Coppermine
Sachs Harbour
Cambridge Bay
Gould Bay
Resolute Bay
Churchill
Winnipeg
Island Falls
Kansas City
Chicago
Nakina
Moosonee
Ottawa
Montreal
Nitchequon
Goose
Cape Race
Bermuda
Sable Island
Gander
Thule
Godthab
Frederikshab
Prins Christian Sund
Reykjavik
Stornoway
Belmullet
Holyhead
Manchester
Bruxelles
Bordeaux
Madrid
Lisboa
Gibraltar
Casablanca
Tenerife
Barentsburg
Dunedorg
Kap Tobin
Jan Mayen
Nord
Alert
Barrow
Tazovskij
Aleksandrovskoje
Muži
Arkangel'sk
Ob'jačevo
Kargopol
Moskva
Har'kov
Rostov-na-Donu
Istanbul
Venezia
Roma
Malta
Tripoli
Misurata
Ghat
Ghadames
Ouargla
Béchar
Tamanrasset
Nouadhibou
Dakar
Las Palmas
Funchal
Lajes
Ponta Delgada
Kap Farvel
Narsarssuaq
Angmagssalik
Jan Mayen
Nitchequon
Port Harrison
Great Whale
Winisk
Minaki
Thompson
Kenora
Fort Smith
Regina
Rapid City
Billings
Grand Junction
Salt Lake City
Denver
Dodge City
Amarillo
Oklahoma City
Little Rock
St. Louis
Nashville
Columbus
Detroit
Pittsburgh
Washington
Norfolk
New York
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Caribou
Yarmouth
Houlton
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Cleveland
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St. John's
Gander
Goose
Churchill
Thompson
Winnipeg
Brandon
Regina
Saskatoon
Swift Current
Medicine Hat
Calgary
Edmonton
Grande Prairie
Fort St. John
Prince George
Prince Rupert
Vancouver
Victoria
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San Antonio
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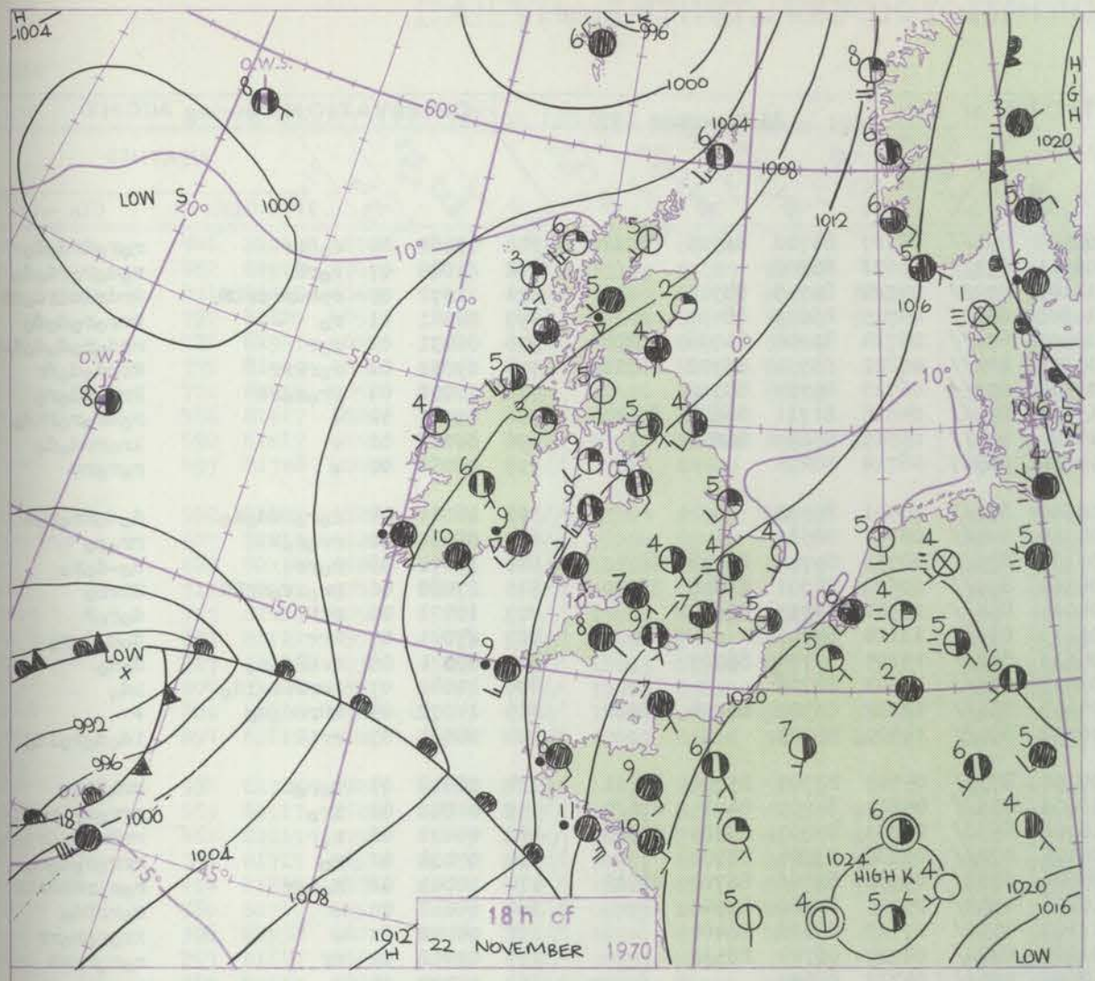
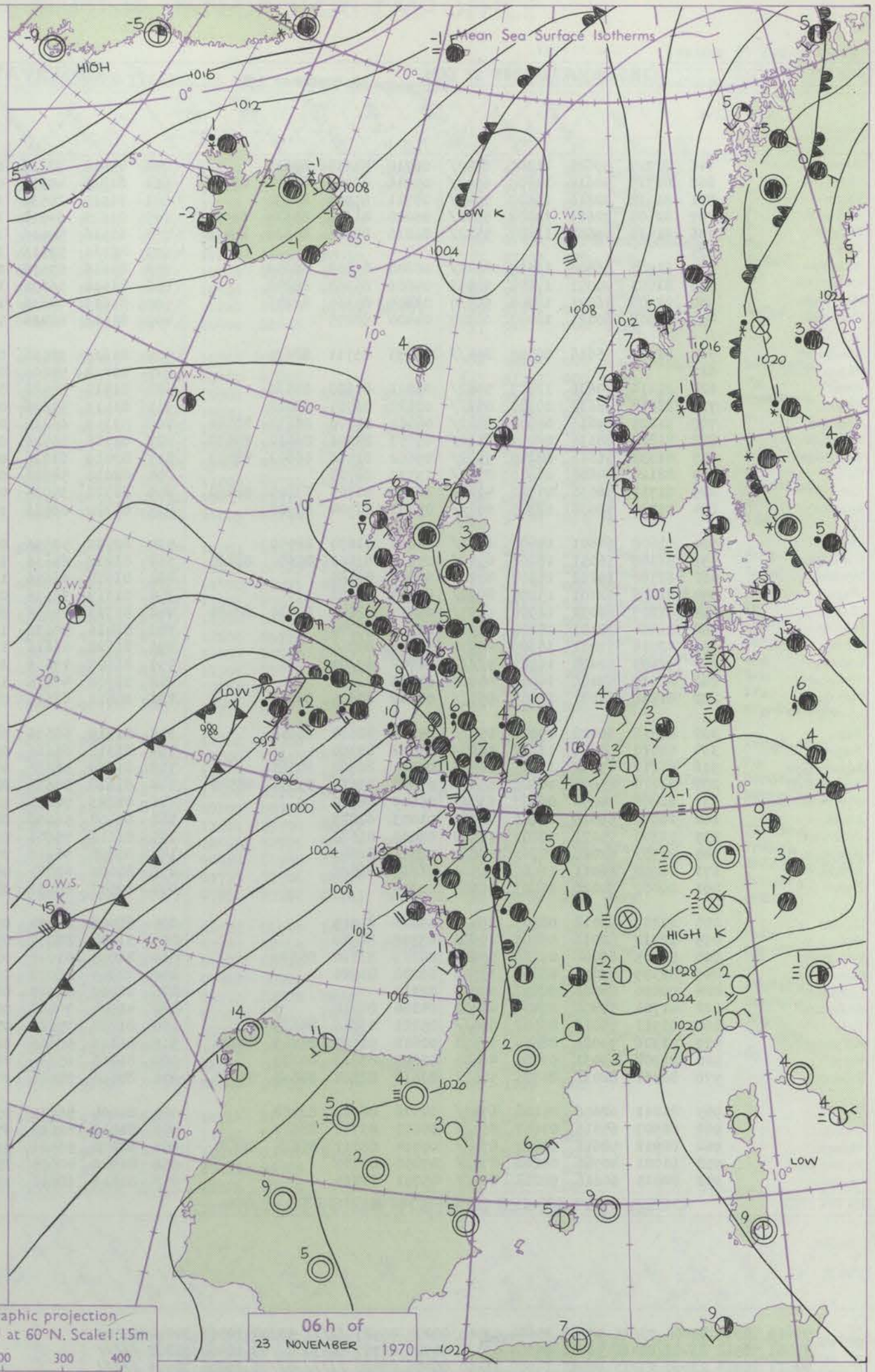
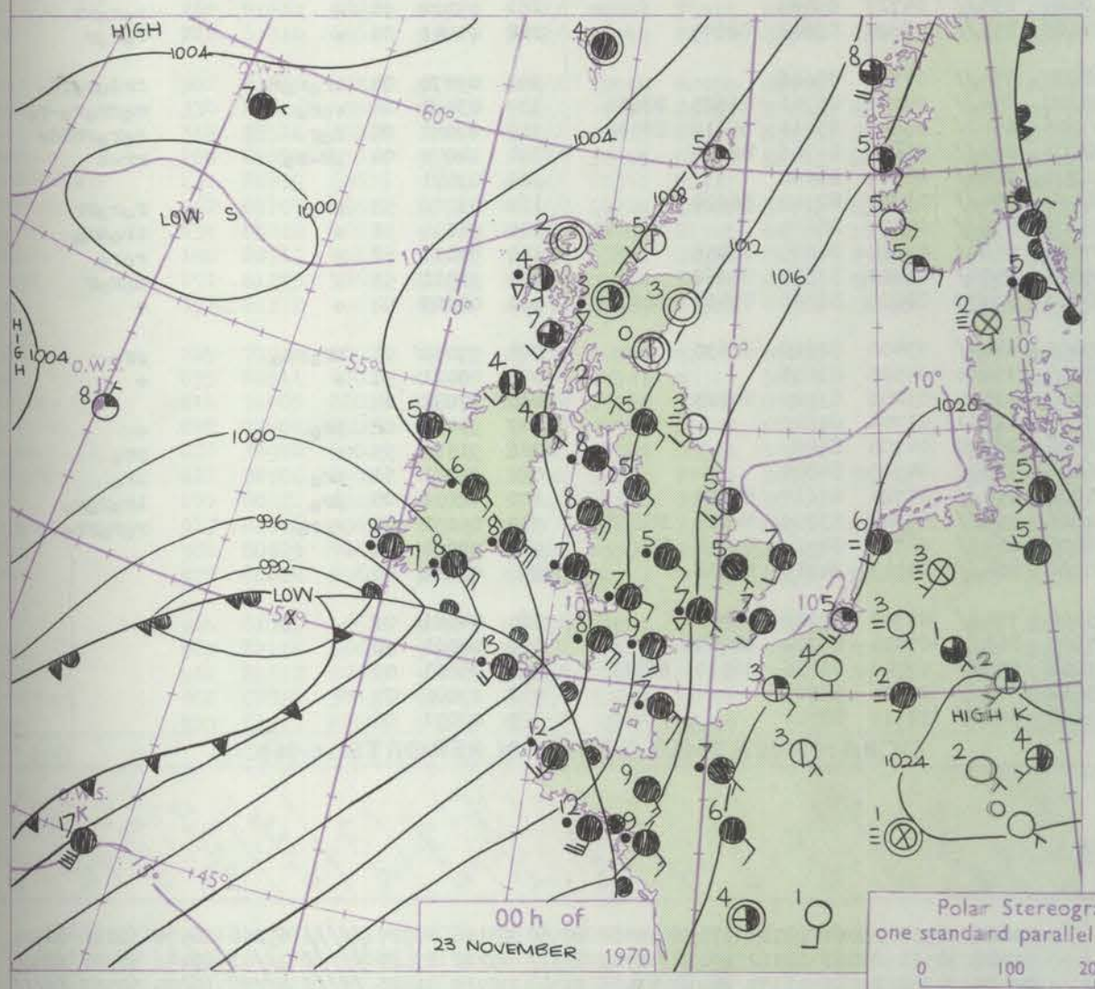
Laredo
Houston
Galveston
Lake Charles
Jackson
Meridian
Birmingham
Montgomery
Mobile
New Orleans
Tampa
Jacksonville
Savannah
Augusta
Charleston
Columbia
Greensboro
Raleigh
Norfolk
Richmond
Roanoke
Knoxville
Chattanooga
Atlanta
Macon
Tallahassee
Pensacola
Mobile
Jackson
Memphis
Nashville
Louisville
Cincinnati
Columbus
Dayton
Toledo
Detroit
Flint
Saginaw
Grand Rapids
Muskegon
Milwaukee
Green Bay
Madison
La Crosse
Rochester
Minneapolis
St. Paul
Duluth
International Falls
Thief River Falls
Grand Forks
Fargo
Bismarck
Minot
Williston
Glasgow
Havre
Great Falls
Helena
Butte
Missoula
Spokane
Walla Walla
Pendleton
Boise
Pocatello
Idaho Falls
Salt Lake City
Grand Junction
Denver
Pueblo
Colorado Springs
Goodland
Dodge City
Wichita
Oklahoma City
Tulsa
Fort Smith
Little Rock
Shreveport
Dallas
Fort Worth
Abilene
Midland
Odessa
Lubbock
Amarillo
Albuquerque
Santa Fe
Roswell
Carlsbad
Las Cruces
Tucson
Yuma
Phoenix
Flagstaff
Winslow
Gallup
Farmington
Durango
Alamosa
Pueblo
Colorado Springs
Limon
Scottsbluff
North Platte
Grand Island
Omaha
Lincoln
Kansas City
Topeka
Wichita
Salina
Hays
Goodland
Concordia
Manhattan
Emporia
Chanute
Coffeyville
Joplin
Springfield
Cape Girardeau
Paducah
Evansville
Indianapolis
Fort Wayne
South Bend
Gary
Chicago
Rockford
Peoria
Springfield
Decatur
Champaign
Terre Haute
Evansville
Paducah
Cape Girardeau
St. Louis
Columbia
Jefferson City
Springfield
Joplin
Fayetteville
Fort Smith
Texarkana
Shreveport
Monroe
Alexandria
Lake Charles
Beaumont
Port Arthur
Galveston
Houston
Corpus Christi
Brownsville
Laredo
Del Rio
San Antonio
Austin
Waco







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 23 November 1970

The complex low pressure area to the north and northwest of Scotland has continued to fill and move north. A breakaway depression from the deep low near the Azores has moved steadily northeast towards west Ireland and the associated warm front has moved rather quickly northeast to bring milder air over much of England and Wales by this morning. This spread of milder air will continue across the whole British Isles as the breakaway low moves up west of Scotland, with strong south to southwest winds in most areas.

Code FM 11.D **OBSERVATIONS at 00h.** 23 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81715	59626	14308	854//	06718	84615	88630	
Hurn	862	81715	58618	14409	6542/	07716	83715	85630	88460
Thorney Island	871	81918	32816	16509	5942/	08711	85916	88531	
Manston	797	82108	72601	19007	5542/	06000	81618	85637	88459
Gatwick	776	81410	59608	17007	5542/	06810	82616	84620	88458
Kew	775								
Heathrow	772	81507	56808	16507	884//	06806	83818	88650	
Honington	586	81503	40051	17405	50957	04802	85363	88270	
Wattisham	590	81908	56031	18004	50937	03804	85365	88275	
Gorleston	497	81908	60021	18007	00907	04400	88275		
Aberporth	502	81117	56616	08007	854//	05733	83711	88625	
Ross-on-Wye	627								
Filton	628	81410	40636	12607	5552/	06821	85620	88530	
Rhoose	715	81017	58638	10607	852//	07822	86705	88622	
Chivenor	707	81225	69616	06808	6542/	06860	84710	86633	88460
Mount Batten	827	81228	48636	08009	6532/	09757	85706	86612	88530
St. Mawgan	817	81332	56616	04209	7532/	09662	83706	86642	88459
Scilly	804	82120	24606	02613	872//	13732	88704		
Culdrose	809	81717	56636	04710	4722/	10750	82703	83705	88460
Guernsey	894	81230	58636	12309	872//	09837	85704	87708	
Elmdon	534	81608	64601	14605	1562/	04810	81630	88550	
Cardington	559	81408	56051	16106	6567/	05810	83640	85650	88460
Wittering	462	81708	19102	15904	8092/	03808	88460		
Watnall	354	81403	32101	15104	8092/	03809	88462		
Shawbury	414	81207	62032	12906	6557/	05817	82622	84630	88460
Finningley	360	81404	32101	15202	00907	02705	88270		
Kilnsea	396	42014	57011	16305	40970	04102	84360		
Leeming	257	91609	02474	14902	9////	01702	89/00		
Tynemouth	262	02110	48100	14003	00900	03103			
Carlisle	222	81508	66031	12605	855//	02802	82625	88640	
Valley	302	81318	80028	09908	856//	05718	82630	88650	
Ringway	334	81610	58021	13307	8097/	03812	88360		
Squires Gate	318	81212	45042	12305	8097/	04811	82362	88365	
Ronaldsway	204	81210	65608	10308	6542/	07808	83619	85634	88540
Mull of Galloway	131	61808	84258	09307	635//	05809	86920		
Eskdalemuir	162	20000	69018	12701	22500	01003	82820		
Prestwick	135	11305	75021	10802	15500	01001	81625		
Abbotsinch	140	21502	62028	10703	25600	02701	82645		
Leuchars	171	10000	66011	11600	15500	51205	81625		
Dyce	091	00000	80020	11403	00900	01308			
Lerwick	005	22109	82018	08805	29400	03213	81915		
Wick	075	12210	82010	09105	15600	03308	81640		
Sule Skerry	010	52005	66808	07208	55400	04213	83710	85620	
Cape Wrath	049	32309	83028	06806	33500	03208	83920		
Stornoway	026	00000	84020	07502	00900	02112			
Benbecula	022	41706	70800	07404	42400	04106	84818		
Tiree	100	61911	75018	07507	684//	05101	83818	84635	
Aldergrove	917	71306	74021	08604	15578	02812	81625	84459	87270
Malin	980	71908	83031	07704	48406	02803	83818	86270	
Belmullet	976	80911	82031	04705	5857/	03618	82820	84643	87459
Birr	965	81211	62606	05106	6747/	04728	86713	88458	
Dublin	969	81507	65616	07607	854//	05823	83718	88627	
Shannon	962	80912	58616	02807	874//	05734	83712	85625	88630
Roches Point	952	81021	40586	00208	872//	07850	88705		
Valentia	953	80815	60616	98208	864//	05751	88714		

OBSERVATIONS at 06h. 23 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	81518	32536	08108	851//	08727	84702	86706	88712
862	81818	40516	08111	873//	11622	88708		
871	81515	20538	11109	872//	09724	84703	88704	
797	81623	64612	15806	6542/	04715	86619	88459	
776	81516	50516	12407	872//	06724	81704	84706	88708
775	81511	59516	11207	872//	06822	83704	86708	88712
772	81416	57618	11507	873//	06727	85709	88712	
586	81518	56636	13806	854//	04818	81711	86622	88650
590	81619	48636	14506	854//	05717	85616	88640	
497	81618	60026	14910	00907	08714	88275		
502	81615	32516	00610	871//	10501	88702		
627	81418	57606	04309	8042/	08742	88510		
628	81715	37586	05109	873//	08733	84707	86708	88710
715	81513	57626	04310	850//	10622	84701	86708	88620
707	82117	66216	04014	854//	13502	87713	88630	
827	82015	56516	06213	873//	13110	88706		
817	82019	61026	04613	862//	13105	83704	88707	
804	82018	58026	03813	863//	12303	88706		
809	82322	35026	04413	851//	12102	83702	86704	88620
894	81720	08586	10012	870//	11400	88700		
534	81522	50596	07206	873//	05745	83707	85708	88711
559	81218	61616	10606	7532/	05829	84709	84715	87620
462	81518	56656	10706	6532/	05733	83707	85709	88525
354	81317	32636	09106	872//	05836	83704	88709	
414	81313	59656	05606	6732/	05738	83706	86708	88512
360	81416	50636	10206	4552/	05725	84628	88548	
396	81620	66616	13107	4552/	07719	84625	88460	
257	81607	17616	10204	6722/	04727	86704	88531	
262	81908	48616	10804	855//	04723	88625		
222	80812	62616	08105	855//	03826	83622	88645	
302	81319	58636	98809	854//	07765	88616		
334	81315	65616	06207	854//	04744	85711	86625	88656
318	81218	58636	05206	6542/	06647	83711	86617	88540
204	81128	57636	02008	873//	06655	84706	88710	
131	81223	70616	02707	8092/	06744	88558		
162	81008	56608	08404	854//	03725	82710	88620	
135	81110	70606	06405	856//	04827	88645		
140	80808	56216	07505	6562/	03824	86645	88458	
171	80000	62021	09501	3571/	01812	83650	88462	
091	82503	80031	10803	50977	02805	82360	85462	88270
005	61906	82031	09405	684//	03400	82818	86630	
075	31804	80030	09405	35600	04505	83635		
010	42005	81018	07807	43500	05203	83920	84625	
049	22305	85020	07304	12501	01704	81820		
026	21710	84020	06906	28500	04708	81825		
022	41504	70808	06005	42502	04716	84820		
100	81218	75021	05007	854//	05721	83617	88637	
917	81113	50616	01806	853//	04744	83709	84615	88618
980	81216	65606	03006	6642/	04730	84715	83640	88459
976	80818	75616	98206	864//	04743	84719	88638	
965	81005	56615	95408	7742/	07743	87710	88458	
969	81013	62615	97907	861//	07754	83702	88704	
962	81108	56586	93208	873//	07742	82706	86710	86718
952	81922	40605	95512	872//	11704	88704		
953	81813	60616	91612	863//	12719	88709		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	09061	05	roRrr	rorodrdodo
862	21082	07	rorR	rodorordodo
871	11072	05	rpRdrrprDR	Rrdrdddidodd
797	02041	51	ro	rrrorododo
776	06031	02	ror	rrdorododod-dr
775	09051	02	rorRrr	Rrrdododr
772	10051	04	prororR	Rrroddoro
586	03041	02	+	ro-rororRdo
590	04042	02	+	irorrdodo
497	01052	00	+	rororr
502	04061	04	rororrdodo	dodoRrorod
627	08061	00	rrorR	rrorо
628	12071	06	rorr	do-doro
715	27062	06	proirorrRR	RRrro
707	16071	06	rRR	dorR
827	27081	07	Rrr	dododoro
817	09071	06	rrRRroro	dodo
804	10081	07	irrriroido	ido
809	14072	04	RRrrroro	+
894	08081	07	rriR	idodoroido
534	08042	03	roror	rriRidr
559	04041	01	iro	rrroroiroido
462	04031	00	ror	rrRrododrdoro
354	07032	01	ro	rrrorodoro
414	10041	02	roror	rororRRdrDR
360	04011	00	+	rorrRdo
396	04042		+	irorororr
257	07012	51	ff	roroRrRR
262	03022	51	+	rororr
222	01041	01	+	roror
302	09071	05	irororo	rrdoroido
334	03061	04	roro	rorroro-ro
318	10041	00	ror	rororrRdr
204	14071	04	pR-ro	rr-R
131	03071			
162	03012	53	pro	rororr
135	91011	51	+	iro
140	95011	52	+	roro
171	93511	55	+	doror
091	00003	54	+	+
005	97032	01	iropro	pro
075	00021	51	+	+
010	97051	04		
049	91041	02	pro	+
026	91501	55	+	pro
022	91021	51	pro	pro
100	92051	03	pro	irororo
917	05032	01	roro	rororro
980	93031	01		
976	01042	00		
965	04061	03		
969	10061	50		
962	06061	05		
952	17082	07		
953	08071	06		

Code FM 21.D **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70334	23004	73616	97158	15604	59560	00207	85927	/////	05302	10561	30202	02505
B	99567	70512	23003	81436	96612	99304	6732/	00723	86707	88530	0//03	10402	30808	/////
C	99527	70354	23000	23211	98021	14905	21500	00500	82820	/////	0//00	10804	30603	/////
D	99440	70410	23003	23004	98022	20812	854//	00802	88618	/////	0//05	11630	30704	05703
E	99348	70479	23004	81103	98022	24918	856//	00206	88640	/////	0//07	12102	30000	03603
I	99591	70192	23004	80705	97022	03107	5857/	00210	82825	84636	0//05	10884	30101	99/06
J	99526	70198	23004	20104	98038	00708	18401	00805	81818	/////	05804	11223	30501	99/02
K	99446	70159	23004	81838	96022	97816	854//	41720	88612	/////	0//15	11585	31214	/////
M	99660	10016	23004	31832	98018	05507	38500	41006	81820	/////	00105	10747	30907	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	23064	50314	97152	15504	49560	00106	84927	/////	05250	10576	30202	02504
B	99566	70511	23063	71912	97026	01703	755//	00222	87620	/////	0//01	10442	30301	14806
C	99527	70355	23063	23305	98018	13406	11508	00710	81820	/////	0//00	10800	30503	/////
D	99439	70411	23063	72321	98022	18114	6557/	00822	86630	/////	0//09	11652	30404	01703
E	99349	70479	23064	80903	98022	24818	856//	00805	88635	/////	0//08	12127	30000	03603
I	99590	70192	23064	40406	98011	03007	38538	00603	81822	83270	0//05	10895	30100	99/05
J	99525	70197	23064	30111	98038	98908	18431	00608	81818	/////	05902	11252	30501	32904
K	99446	70160	23064	71929	96216	96015	75300	51808	83709	87613	0//14	11570	31214	/////
M	99659	10019	23064	41732	98011	05107	45600	41803	84635	/////	00004	10722	31008	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39814 — Date of Issue: Tuesday 24 November 1970

OBSERVATIONS at 12h. — 23 November 1970

Station	iii	Ndd f f	V V w w W	P P P T T	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	82219	58106	08613	863//	13204	88706		
Hurn	862	81918	57015	09413	853//	13109	85707	88612	
Thorney Island	871	81918	60605	11512	853//	11209	81707	87709	88615
Manston	797	81820	48516	13508	871//	07604	83702	85703	88704
Gatwick	776	81915	50516	11312	872//	11302	86704	88707	
Kew	775	81909	58516	09713	872//	12202	82705	88707	
Heathrow	772	81915	50516	09513	872//	12400	83703	88705	
Honington	586	81617	58206	10308	862//	07812	88705		
Wattisham	590	81817	60516	11308	871//	07712	82702	87703	88705
Gorleston	497	81728	48026	11009	855//	07716	88620		
Aberporth	502	81827	58206	01013	872//	12703	86705	88710	
Ross-on-Wye	627	82112	60216	05014	864//	12204	88710		
Filton	628	82114	66206	06415	853//	12303	86708	88615	
Rhoose	715	72015	70016	05813	754//	12205	87614		
Chivenor	707	82019	62506	05614	854//	13207	86712	88630	
Mount Batten	827	82122	48026	07413	853//	13004	86707	88620	
St. Mawgan	817	71926	58502	05414	763//	12003	83709	87711	
Scilly	804	71924	48016	04213	755//	12002	87625		
Culdrose	809	82126	50022	05713	6532/	12006	84706	86618	88460
Guernsey	894	61815	70026	11314	48432	12005	82818	84650	86362
Elmdon	534	81710	59215	05012	873//	11802	82707	88710	
Cardington	559	81513	56206	08311	853//	10706	81706	84710	88625
Wittering	462	81817	37586	07409	871//	08711	81702	86703	88707
Watnall	354	81711	28506	05010	871//	10711	82702	86706	88708
Shawbury	414	81810	28606	02912	853//	12806	82706	84710	88620
Finningley	360	81715	50516	04309	872//	09723	86703	88706	
Kilnsea	396	81930	48216	07007	854//	06724	83715	88625	
Leeming	257	81617	28616	02506	871//	06735	88702		
Tynemouth	262	81632	58626	01907	5742/	06748	85715	88525	
Carlisle	222	81310	66616	99207	7542/	06747	81712	87640	88459
Valley	302	81835	48216	98313	862//	12400	82704	88706	
Ringway	334	81616	40506	01912	7527/	10809	85705	87616	88458
Squires Gate	318	71518	30216	00210	754//	10614	85710	85625	87650
Ronaldsway	204	81824	33636	95912	871//	12626	82702	86703	88704
Mull of Galloway	131	81435	60636	92811	874//	11746	88712		
Eskdalemuir	162	81107	48636	99705	853//	04844	82707	84712	88617
Prestwick	135	81012	56636	97505	4542/	04741	81710	83624	88550
Abbotsinch	140	80713	40636	99505	7542/	03841	82710	84713	85617
Leuchars	171	81223	58636	02306	6532/	05750	83709	86618	88545
Dyce	091	81312	40636	06306	853//	05829	83708	85714	88620
Lerwick	005	71910	80028	09407	28418	04805	81815	87270	
Wick	075	81511	62022	06707	3642/	04721	83712	88459	
Sule Skerry	010	71405	82038	06407	22506	05716	82825	87270	
Cape Wrath	049	71402	85031	04205	3253/	01727	83820	87360	
Stornoway	026	30910	89028	03805	18530	04719	81820	83362	
Benbecula	022	70706	80028	01906	15536	04831	81621	84365	86272
Tiree	100	80821	62636	99006	7542/	04740	87616	88540	
Aldergrove	917	81306	57616	92909	862//	08636	83703	86706	88711
Malin	980	80929	70616	94707	7642/	05735	87713	88458	
Belmullet	976	80614	64606	91108	7642/	06734	84714	87717	88458
Birr	965	81707	59616	92613	864//	12001	86712	86635	
Dublin	969	82116	65616	94114	5642/	12609	85715	85625	88557
Shannon	962	81612	82216	91213	5737/	11806	82708	83714	88358
Roches Point	952	81834	30636	93912	872//	12804	88704		
Valentia	953	81917	62606	90813	864//	11505	88714		

OBSERVATIONS at 18h. — 23 November 1970

Station	iii	Ndd f f	V V w w W	P P P T T	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	82018	58026	09312	872//	11204	82704	85705	88706
Hurn	862	51814	64012	10013	35301	11400	81708	83627	85070
Thorney Island	871	71818	58026	11812	753//	11204	82707	87630	
Manston	797	81814	60025	13410	862//	09305	86704	88705	
Gatwick	776	62013	62016	11313	654//	11103	81712	86635	
Kew	775	81807	61025	10513	863//	11204	86708	88710	
Heathrow	772	71812	60036	10213	754//	11205	83710	87615	
Honington	586	81815	28055	10112	863//	10304	83706	88710	
Wattisham	590	81912	35105	11011	862//	11205	82703	85704	88707
Gorleston	497	81920	44056	10510	854//	10400	88615		
Aberporth	502	81728	66026	00413	864//	10302	88712		
Ross-on-Wye	627	31814	57016	05314	31500	11400	83825		
Filton	628	72017	61026	06414	35472	10301	81712	83625	87073
Rhoose	715	71612	75026	06413	6555/	10307	82620	85647	87362
Chivenor	707	71714	78025	05314	25578	10306	82628	86359	86270
Mount Batten	827	61820	62012	07114	38432	10002	81818	86070	
St. Mawgan	817	51820	74015	04913	45402	09006	81618	83640	
Scilly	804	81926	48622	03412	854//	11204	84710	88618	
Culdrose	809	42020	68011	04913	35532	09001	81620		
Guernsey	894	71616	70025	10413	00908	11805	87270		
Elmdon	534	41919	65016	05513	45440	10501	84618		
Cardington	559	71717	56056	08513	16532	12003	81625	83360	87075
Wittering	462	71918	64026	07113	554/2	11500	82711	84656	87075
Watnall	354	72016	48046	04913	754//	11301	87619		
Shawbury	414	81815	62586	02813	854//	11500	81710	88615	
Finningley	360	81913	67026	03714	854//	12000	85718	88635	
Kilnsea	396	81922	48026	06011	4542/	11000	81715	84630	88460
Leeming	257	81919	48606	00315	854//	11505	85618	88622	
Tynemouth	262	51920	58026	98213	555//	12611	85625		
Carlisle	222	82013	62606	96414	854//	12606	83710	88628	
Valley	302	81937	48606	98012	863//	11302	88708		
Ringway	334	71820	62016	01514	754//	10806	84618	87650	
Squires Gate	318	81818	36596	99712	854//	11504	82710	84617	88627
Ronaldsway	204	82027	56216	95713	873//	11501	83707	88709	
Mull of Galloway	131	82140	60616	91811	873//	10207	88708		
Eskdalemuir	162	82029	23636	95211	5722/	11601	85704	88512	
Prestwick	135	82116	57216	92412	853//	12609	82706	85709	88619
Abbotsinch	140	80000	18596	92806	871//	06722	81702	83703	88710
Leuchars	171	80805	57616	93407	853//	07731	81706	88616	
Dyce	091	81509	20616	94808	871//	07654	83702	84703	88704
Lerwick	005	81416	62608	05506	854//	04723	84712	88630	
Wick	075	81120	58636	98507	7532/	05747	82709	83715	86624
Sule Skerry	010	81119	58608	99807	874//	07736	88710		
Cape Wrath	049	80917	81606	97106	875//	04742	88720		
Stornoway	026	80620	75021	96807	855//	05733	82620	88627	
Benbecula	022	80513	80032	94306	4562/	05732	84631	88458	
Tiree	100	80515	63636	91705	3542/	05727	83614	88550	
Aldergrove	917	81916	70216	91513	854//	11301	84710	88625	
Malin	980	80611	58616	90108	7622/	08507	84703	87706	88540
Belmullet	976	80310	56586	90208	863//	08307	84706	87714	
Birr	965	81814	62506	93013	864//	10214	86714	87635	
Dublin	969	81910	69216	94614	864//	11210	88716		
Shannon	962	71713	75026	92113	4647/	10214	83715	87460	
Roches Point	952	81926	50586	95211	873//	11211	86706		
Valentia	953	82009	60506	93211	864//	10326	88710		

OBSERVATIONS during DAY

Station	iii	RRT T T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92131	000	$d_o d_o d_o r_o$	+
Hurn	862	91141	000	$d_o d_o$	+
Thorney Island	871	92131	000	$d_o d i r_o$	+
Manston	797	91111		$d_o d_o$	+
Gatwick	776	01131	000	d-$dr d_o r_o$DR$d_o d_o$	r_o
Kew	775	97141	000	$d_o d_o$	$d_o d_o$
Heathrow	772	94131	000	$d_o d d d_o r_o$	r_o
Honington	586	91121		$i d_o i d$	+
Wattisham	590	91112	000	$d_o d_o d_o d_o f$	$d_o d_o f$
Gorleston	497	91112	000	$r i r_o$	+
Aberporth	502	02142	000	$dd_o d_o r i d_o i r_o$	$i r_o r r_o r_o$
Ross-on-Wye	627	91151	000	$d_o r_o$	r_o
Filton	628	91151	000	$d_o d_o r_o A_o r_o$	~~$r_o d_o r_o$~~ +
Rhoose	715	97142	000	r_o	+
Chivenor	707	97151	001	$i d_o i r_o$	+
Mount Batten	827	97141	008	$i d_o$	+
St. Mawgan	817	97151	006	$i d_o$	+
Scilly	804	08132	008	$i r_o$	$i r_o r r r_o r_o$
Culdrose	809	00140	007	+	+
Guernsey	894	92141	031	+	$i d_o$
Elmdon	534	~~09114~~ 91141	000	$dd_o r_o i r_o i d_o$	$d_o r_o$
Cardington	559	93141	000	$i d_o d_o d_o r_o i d_o$	$d_o d_o$
Wittering	462	01131	000	$d_o r_o d d d_o d_o$	$d_o d_o$
Watnall	354	94131	000	$i d_o i r_o d_o r_o$	r_o
Shawbury	414	01151	000	$r_o d_o d_o r_o d r$	$i d_o r_o$
Finningley	360	01141	000	$d_o d_o$	$d_o r_o d r$
Kilnsea	396	05121	000	$r r i d_o i r_o i d_o i r$	$i r_o$
Leeming	257	05151	000	$r r r_o r_o d r d r$	$i r_o$
Tynemouth	262	03131	000	$r r i r$	$i r_o$
Carlisle	222	14141	000	$r r R r_o$	$r r_o$-$r_o r_o i r_o$
Valley	302	05131	000	$i d_o i R$	$i r r_o r_o i r_o$
Ringway	334	01141	000	$r_o r_o d_o$-$d_o r_o$	r_o
Squires Gate	318	04131	000	$r_o r_o r d r d_o r_o R$	$d r d_o r_o r R$
Ronaldsway	204	10131	000	$i r i R d r$	$i r r_o r_o d_o r_o$
Mull of Galloway	131	07112			
Eskdalemuir	162	37112	000	$r r r_o R R$	$R R r r i r_o$
Prestwick	135	15131	000	$i r_o r_o r_o r r$	$r r d_o r_o$
Abbotsinch	140	21131	000	$r_o r_o r r$	$d r d r d_o r_o d_o r_o i f$
Leuchars	171	18111	000	$r R r r R r R$	$R r r_o r r_o$
Dyce	091	12082	000	$r_o r r$	$r r d d_o d_o$
Lerwick	005	03072	000	$p h_o r_o$	$r_o r_o$
Wick	075	09082	000	$i r_o r_o r_o$	$r_o r_o r r$
Sule Skerry	010	03082			
Cape Wrath	049	01071	000	+	$i r_o r_o r_o$
Stornoway	026	97071	000	+	$i r_o r_o r_o$
Benbecula	022	97071	000	+	$i r_o$
Tiree	100	10072	000	$r_o r_o r r i r_o$	$r r r_o i r_o$
Aldergrove	917	06131	000	$r_o r d_o$	r_o
Malin	980	2109	000		
Belmullet	976	1109	000		
Birr	965	0614	000		
Dublin	969	0915	000		
Shannon	962	0313	000		
Roches Point	952	1312	000		
Valentia	953	0613	000		

OCEAN WEATHER STATION REPORTS at 12h.

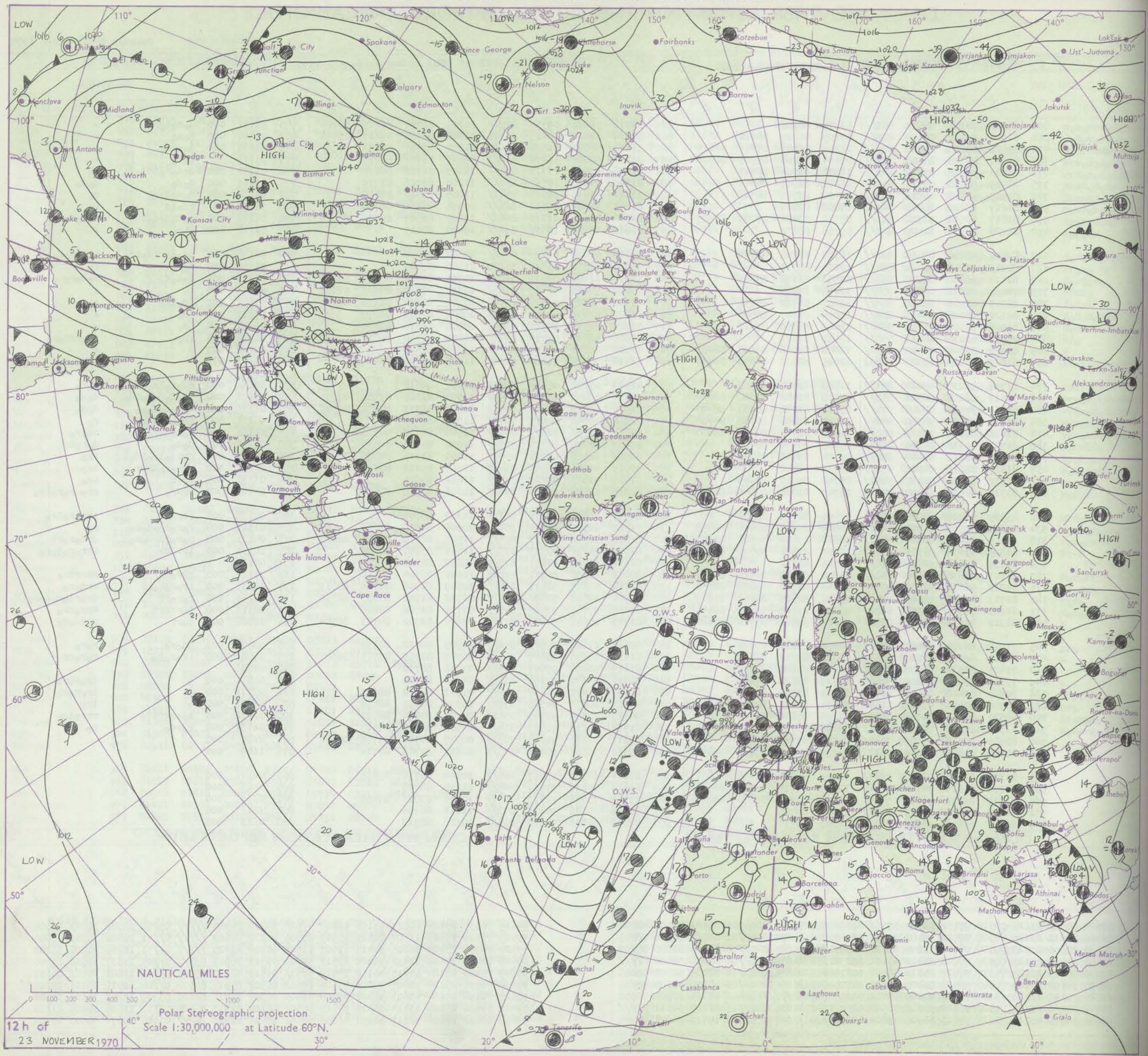
O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	Y Y G G i_w	Ndd f f	V V w w W	P P P T T	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99620	70332	23124	70516	97152	16904	5956/	00206	85927	/////	05301	10581	301011	02504
B	99566	70511	23123	62508	99022	09102	15432	08245	81615	85358	0//51	10365	303011	16805
C	99527	70355	23123	80104	98022	11805	1152/	00705	81820	88462	0//00	10760	300000	35/02
D	99440	70409	23123	63034	98028	21412	51401	00232	85818	810//	0//04	11834	305066	/////
E	99350	70479	23124	71017	98022	25819	58506	00210	81820	85635	0//12	12003	304022	03603
I	99590	70192	23124	70805	98038	04007	59471	00205	81918	85656	0//05	10900	301000	99/05
J	99525	70197	23124	33307	99020	00009	29401	00207	81916	/////	05602	11265	309022	04902
K	99446	70160	23124	61822	96012	96216	58504	00002	84820	85626	0//15	11599	313111	/////
M	99658	10020	23124	72116	97801	06906	79400	41116	83911	86740	05105	10716	306044	19905

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	Y Y G G i_w	Ndd f f	V V w w W	P P P T T	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99619	70333	23184	60217	97158	18204	49668	00210	84940	/////	05250	10586	30202	99504
B	99565	70510	23183	22507	98021	15303	25300	00230	82609	/////	0//51	10402	30301	18804
C	99527	70355	23183	30205	98011	11407	11508	00204	81820	/////	0//51	10760	30000	36202
D	99440	70410	23183	72432	98022	23011	54409	00312	85618	831//	0//05	11837	30608	29405
E	99349	70486	23184	80915	98152	24020	5857/	00512	82820	85635	0//13	12080	30402	05603
I	99590	70191	23184	70607	97258	03506	69463	00302	85915	85070	0//04	10915	30101	99/06
J	99525	70196	23184	43603	98021	99208	49404	00302	81915	84822	05703	11247	30602	32003
K	99448	70160	23184	63114	96018	95614	69400	00109	81913	86820	0//13	11588	30000	21310
M	99657	10019	23184	32117	98251	06206	38500	00505	82820	/////	05005	10676	30603	19904

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
Spokane
Prince George
Whitehorse
Fairbanks
Kotzebue
Yatson Lake
Fort Nelson
Calgary
Edmonton
Billings
Rapid City
Regina
Bismarck
Island Falls
Winnipeg
Kansas City
Minneapolis
Chicago
Nakina
Columbus
Pittsburgh
Washington
New York
Norfolk
Charleston
Montgomery
Nashville
Jacksonville
Augusta
Tampa
Boothville
Jackson
Little Rock
Fort Worth
Amarillo
Albuquerque
Grand Junction
Salt Lake City
El Paso
Chihuahua
Monclova
Midland
San Antonio
Bridge City
Omaha
Lake Charles
Inuvik
Barrow
Sachs Harbour
Coppermine
Cambridge Bay
Resolute Bay
Arctic Bay
Eureka
Alert
Thule
Clyde
Nord
Chesterfield
Baker Lake
Churchill
Nottingham Island
Port Harrison
Fort Chimo
Knob Lake
Schefferville
Goose
Sept-Iles
Mont-Joli
Ottawa
Montreal
Toronto
Sable Island
Bermuda
Cape Race
Sander
Yarmouth
Cape Dyer
Resolution
Godthab
Frederikshab
Angmagssalik
Kangerdlugssuaq
Prins Christian Sund
Reykjavik
Stornoway
Thorshavn
Keflavik
Jan Mayen
Kap Tobin
Copenhagen
Aalborg
Bergen
Oslo
Stockholm
Helsinki
Leningrad
Murmansk
Archangel'sk
Ob
Dikson
Tiksi
Jakutsk
Verhojansk
Ust'-Judoma
Ust'-Cil'ma
Ostrov Kotel'nyj
Ostrov Zohova
Mys Čeljuskin
Hatanga
Tazovskoe
Russkaja Gavan'
Mare-Sale
Tarko-Sale
Aleksandrovskoe
Karmakuly
Amderma
Barencburg
Vardo
Murmansk
Kandalaksa
Kem'
Kargopol
Vologda
Sancursk
Gor'kij
Penza
Moskva
Kamyšin
Bogučar
Smolensk
Warszawa
Berlin
Hamburg
Hannover
Manchester
Valentia
Shannon
Belfast
Dublin
Paris
Bordeaux
Brest
Cherbourg
Le Havre
Frankfurt
München
Klagenfurt
Venezia
Genova
Ancona
Roma
Ajaccio
Brindisi
Larissa
Athinai
Heraklion
Rodos
Istanbul
Sofia
Skopje
Konya
Lvov
Kiev
Odessa
Simferopol'
Rostov-na-Donu
Taganrog
Erbogačen
Olenek
Verhne-Imbatskoe
Dudinka
Urdinenlya
Dikson Ostrov
Hatanga
Mys Čeljuskin
Ostrov Kotel'nyj
Ostrov Zohova
Verhojansk
Oymjakon
Tyrjanka
Mys Smidta
Nižnie Kresty
Lokčak
Aldan
Jakutsk
Ljujsk
Nižardžan
Muhtuja
Erbogačen
Tiksi
Barrow
Inuvik
Fairbanks
Kotzebue
Whitehorse
Prince George
Spokane
Calgary
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Jan Mayen
Kap Tobin
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Tiksi
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Ust'-Cil'ma
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Ostrov Zohova
Mys Čeljuskin
Hatanga
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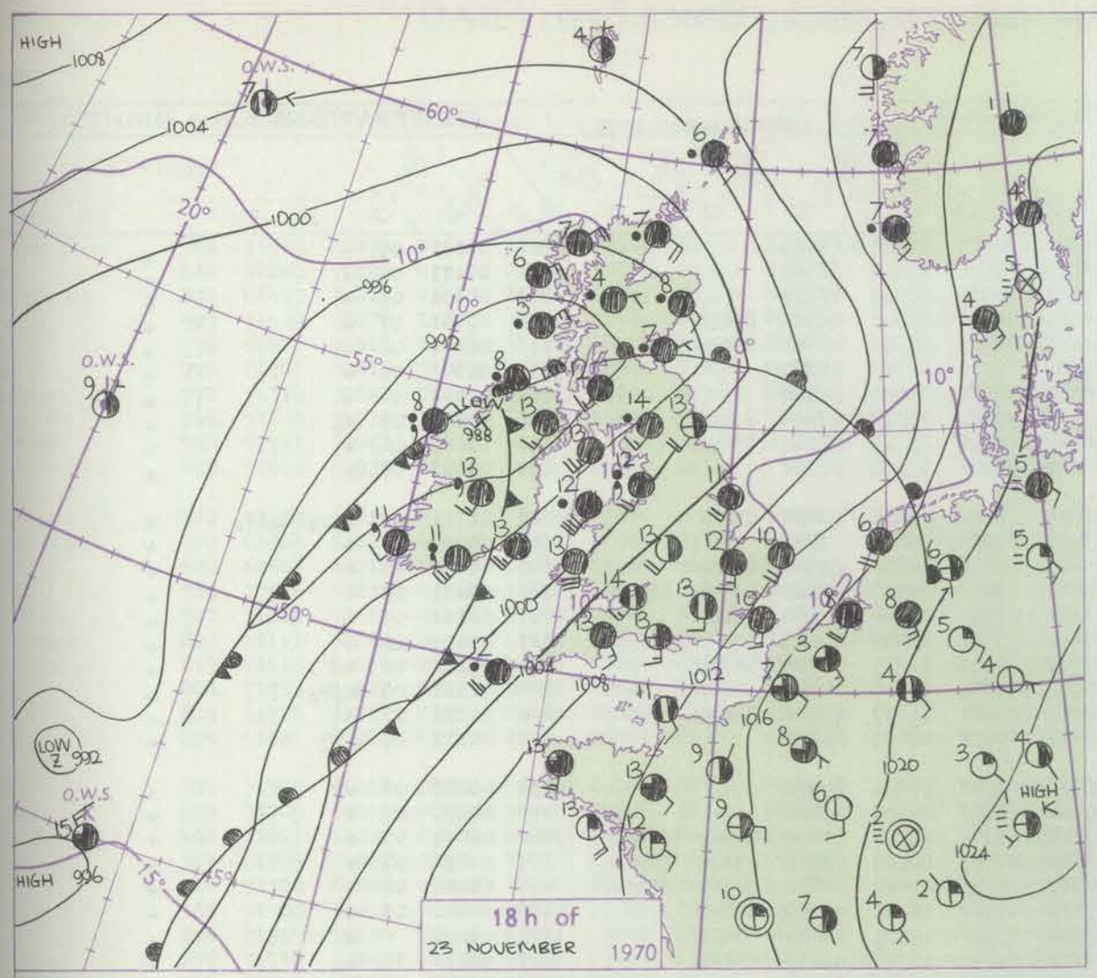
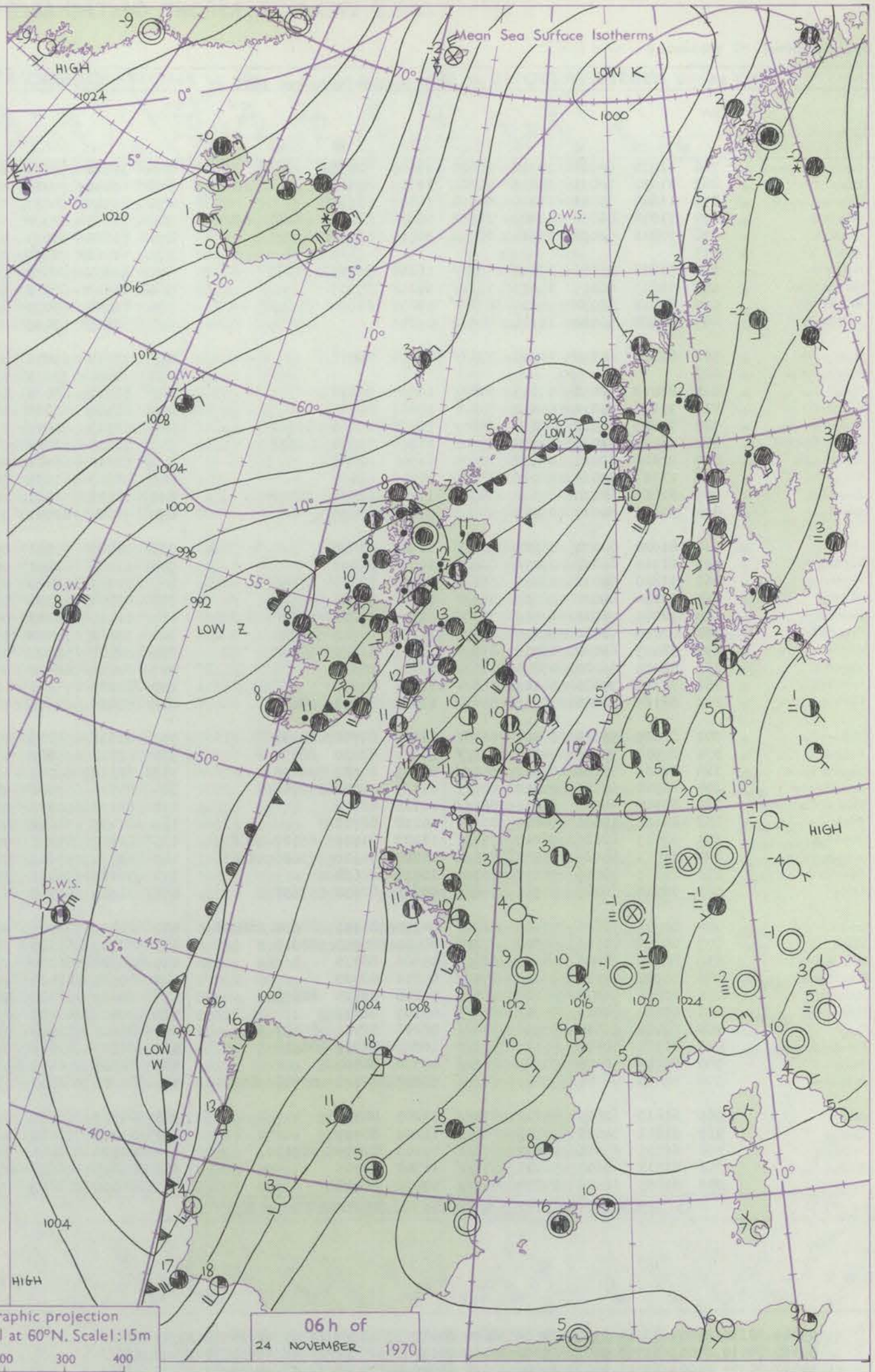
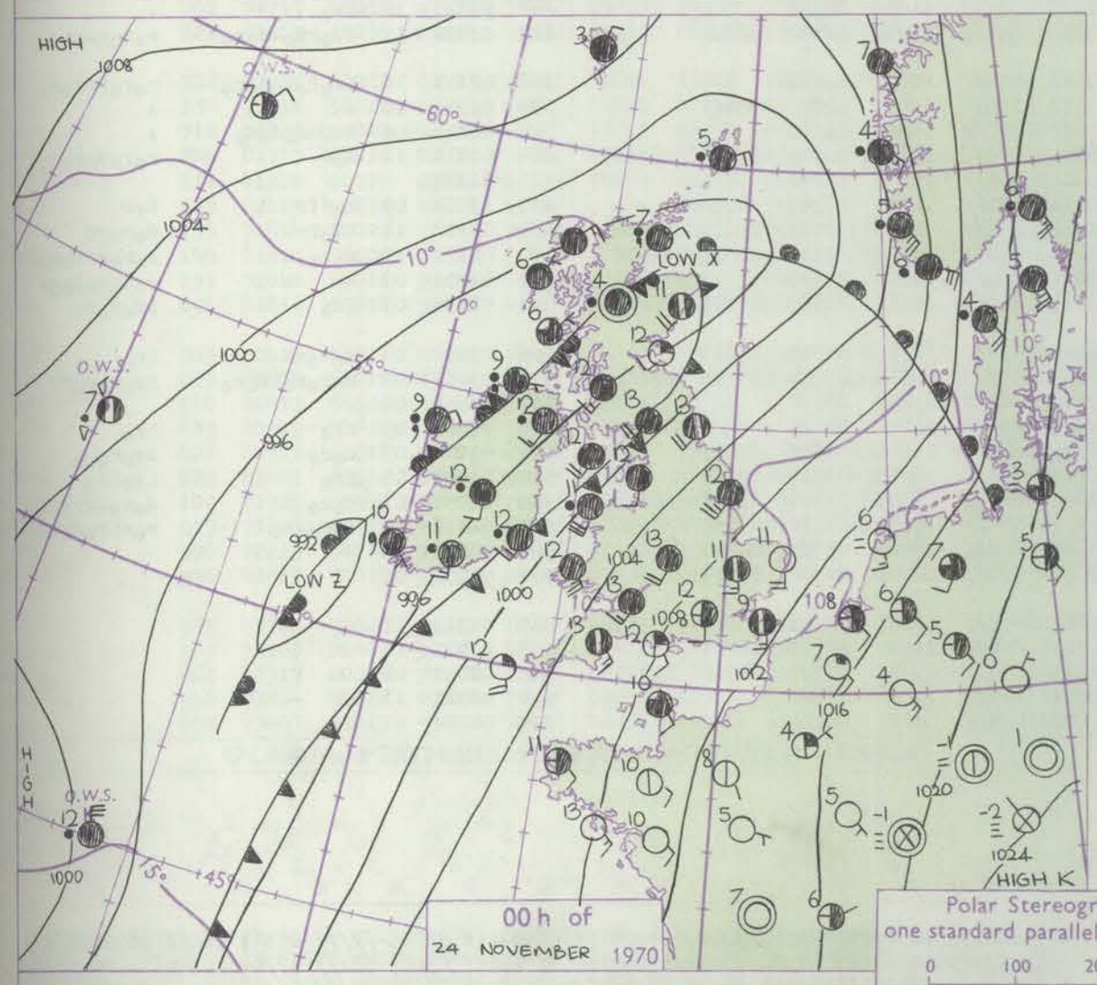
Tarko-Sale
Aleksandrovskoe
Karmakuly
Amderma
Barencburg
Vardo







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 24 November 1970

Pressure remains high over the Continent. The small low off southwest Norway has moved northeast across the British Isles during the last 24 hours and a very mild southerly flow now covers the whole of England and Wales and southern Scotland. The low to the west of Portugal will move slowly northeast into the Bay of Biscay with a complex pressure trough persisting from southwest Ireland to northeast Scotland. This will maintain the mild southerly flow over most districts of the British Isles but somewhat colder northerly flow over northwest Scotland.

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

Code FM 11.D — **OBSERVATIONS at 00h.** — 24 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	21920	64021	08711	25600	09609	82630		
Hurn	862	31612	70031	08812	00901	11713	83075		
Thorney Island	871	11609	74010	11110	00901	10807	81070		
Manston	797	71814	66032	13409	25732	08603	82650	83365	86075
Gatwick	776	71811	62012	11311	26408	10806	82712	87272	
Kew	775								
Heathrow	772	51812	65012	09812	4643/	10808	84715	85365	
Honington	586	71813	40015	10911	763//	09108	87707		
Wattisham	590	81818	48032	11810	852//	09205	86704	88650	
Gorleston	497	01820	56010	11311	00900	09201			
Aberporth	502	81625	61216	01612	874//	10704	88712		
Ross-on-Wye	627								
Filton	628	82013	62032	07013	854//	10305	88615		
Rhoose	715	71106	75012	06212	754//	10601	87615		
Chivenor	707	71613	74022	05113	5567/	11502	85640	87360	
Mount Batten	827	71515	62031	06112	35702	11806	83650	87072	
St. Mawgan	817	21619	69011	04512	25600	11805	82630		
Scilly	804	21721	59016	02512	25500	10705	82625		
Culdrose	809	82016	64030	04212	25601	11705	82635	84070	
Guernsey	894	31616	80011	09212	00902	09808	83075		
Elmdon	534	81920	70031	06213	854//	11302	88616		
Cardington	559	21716	61011	09012	00902	10002	82075		
Wittering	462	51820	69012	08013	55600	11103	82634	85656	
Watnall	354	82014	69022	06813	854//	11208	85716	88623	
Shawbury	414	72009	74026	04014	35506	10104	81625	83650	87272
Finningley	360	82013	78032	05614	855//	11210	85623	88628	
Kilnsea	396	82023	63022	06912	6557/	10207	86620	88460	
Leeming	257	82020	66026	03214	856//	09114	88630		
Tynemouth	262	72022	74026	00113	756//	11114	87630		
Carlisle	222	82119	70026	00313	854//	11223	86712	88630	
Valley	302	81829	56616	00411	863//	11208	81706	88708	
Ringway	334	81913	75036	04213	855//	10315	82620	88650	
Squires Gate	318	81809	58206	02512	854//	10113	82618	88633	
Ronaldsway	204	81921	58026	99212	873//	11125	84706	88708	
Mull of Galloway	131	82145	64028	95611	864//	10118	88712		
Eskdalemuir	162	82127	14606	98710	871//	10218	88702		
Prestwick	135	82015	62026	96312	7543/	11223	81711	83627	86631
Abbotsinch	140	81811	65026	95913	855//	11224	81620	83626	86636
Leuchars	171	22119	75016	95112	25500	10218	82624		
Dyce	091	72019	70206	94911	756//	09315	82630	87637	
Lerwick	005	80719	58636	97605	6542/	04740	85711	86620	88528
Wick	075	80509	40586	94807	872//	07500	85705	88710	
Sule Skerry	010	80719	64606	96007	874//	05706	88710		
Cape Wrath	049	80920	82026	95407	875//	05214	88720		
Stornoway	026	80516	80036	95707	855//	06206	82625	88635	
Benbecula	022	80205	80026	95006	854//	05107	88617		
Tiree	100	60406	87016	93906	654//	06216	82712	86627	
Aldergrove	917	81914	70606	95112	853//	10227	82709	88615	
Malin	980	80905	50586	93709	862//	08314	88704		
Belmullet	976	80510	40586	92609	862//	08207	82703	85706	87711
Birr	965	81810	62625	95212	874//	11207	88710		
Dublin	969	81811	70025	97113	864//	11109	88717		
Shannon	962	82505	65606	94410	873//	09103	82709	88713	
Roches Point	952	81717	40605	96011	872//	11302	88705		
Valentia	953	81605	56506	94210	864//	09802	88712		

OBSERVATIONS at 06h. — 24 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	31311	59100	07408	30930	08811	83360		
Hurn	862	21509	75010	06711	20930	10712	81360		
Thorney Island	871	71310	74031	08711	70931	09713	87359		
Manston	797	71615	82032	11710	20932	01607	82364	87075	
Gatwick	776	61610	65031	09209	50951	05810	85361	83075	
Kew	775	51101	70031	08807	50950	05703	85360		
Heathrow	772	61204	68031	08409	50931	08808	85362		
Honington	586	71613	62031	09510	20972	04708	82364	87070	
Wattisham	590	71712	69031	10109	20942	05708	82362	87075	
Gorleston	497	71615	62031	10210	7097/	09502	87360		
Aberporth	502	71619	69011	01511	3567/	09205	83630	87361	
Ross-on-Wye	627	71804	70031	05311	00906	09400	87077		
Filton	628	81712	66031	05411	30937	08808	83360	88275	
Rhoose	715	81314	68022	04810	3527/	09709	81705	83631	88460
Chivenor	707	61310	74021	03711	20936	10708	82360	86275	
Mount Batten	827	71418	66021	04412	00902	11709	87072		
St. Mawgan	817	61416	66101	03113	25370	11605	81706	86360	
Scilly	804	41819	61031	00912	45500	11710	84623		
Culdrose	809	41915	64021	02713	25601	11807	82632	83070	
Guernsey	894	71516	82031	07111	60932	08607	86365		
Elmdon	534	41709	75021	06310	00902	08802	84072		
Cardington	559	61802	61031	08411	6093/	09603	86362		
Wittering	462	71713	66021	07710	1567/	09706	81630	84359	87461
Watnall	354	82004	66032	06610	4541/	09000	82716	83625	88465
Shawbury	414	81915	66022	04012	2567/	09301	82630	84360	88462
Finningley	360	71811	74022	05511	45702	10101	84650	87070	
Kilnsea	396	82022	58022	07610	2557/	09501	82625	88460	
Leeming	257	81616	66022	03113	7543/	10305	87619	88362	
Tynemouth	262	82020	74022	01113	8097/	11500	88358		
Carlisle	222	81615	62616	99813	854//	11706	86710	88625	
Valley	302	81830	58216	99612	854//	10502	88616		
Ringway	334	81718	75022	03513	1551/	09501	81625	88462	
Squires Gate	318	81513	65036	01812	856//	11801	88630		
Ronaldsway	204	81721	57616	98711	872//	11605	82705	87707	88712
Mull of Galloway	131	82133	60636	95511	873//	10802	88708		
Eskdalemuir	162	82023	14636	98511	871//	11805	82702	88706	
Prestwick	135	81912	59636	97012	854//	11502	82711	84715	88650
Abbotsinch	140	81915	59616	96512	4542/	11602	81714	83622	88550
Leuchars	171	72016	75581	97612	755//	10104	87620		
Dyce	091	81909	64505	97911	853//	10212	83707	84710	88618
Lerwick	005	80415	74026	98205	854//	04216	84711	88618	
Wick	075	80409	65026	98307	853//	06313	82707	85710	88650
Sule Skerry	010	80513	66026	98508	864//	05209	88710		
Cape Wrath	049	80515	82026	97207	875//	05204	88720		
Stornoway	026	80619	82022	96608	855//	06003	84620	88635	
Benbecula	022	70608	80202	95107	754//	06805	81712	87624	
Tiree	100	80605	56586	93608	852//	08708	83704	87708	88629
Aldergrove	917	81713	65616	94912	5542/	10604	84710	85630	88550
Malin	980	82104	56515	93310	862//	09705	85705	88707	
Belmullet	976	81306	60605	92008	863//	08706	84706	88711	
Birr	965	81613	62026	94612	864//	10301	88713		
Dublin	969	81913	70026	96313	864//	11505	86714	88719	
Shannon	962	82514	70606	94010	873//	09213	82706	84710	87715
Roches Point	952	81813	40616	95811	872//	11008	88704		
Valentia	953	80000	60215	95208	864//	08221	88715		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00081	05	+	+
Hurn	862	00111	08	+	+
Thorney Island	871	00101	05	+	+
Manston	797	00091	07	+	+
Gatwick	776	00091	06	+	+
Kew	775	00071	03	+	+
Heathrow	772	00091	06	+	+
Honington	586	97091	07	do	+
Wattisham	590	00082	06	+	+
Gorleston	497	00101	07	+	+
Aberporth	502	01111	09	roroidoiro	+
Ross-on-Wye	627	00091	05	+	+
Filton	628	00111	10	+	+
Rhoose	715	00101	09	+	+
Chivenor	707	00111	09	+	+
Mount Batten	827	00121	10	+	+
St. Mawgan	817	00111	09	+	+
Scilly	804	97111	09	roro	+
Culdrose	809	91091	07	+	+
Guernsey	894	00111	09	+	+
Elmdon	534	00081	06	+	+
Cardington	559	00091	05	+	+
Wittering	462	00091	07	+	+
Watnall	354	97091	07	+	+
Shawbury	414	00101	08	+	+
Finningley	360	00101	09	+	+
Kilnsea	396	00091		+	+
Leeming	257	92111	10	ro	+
Tynemouth	262	91121	10	iro	+
Carlisle	222	03121	11	irorro-roro	roror-ro
Valley	302	02111	10	irororodoro	rororrroro
Ringway	334	00111	10	+	+
Squires Gate	318	02111	09	drDRrododo	+
Ronaldsway	204	01111	11	ror	rorodoro
Mull of Galloway	131	01102			
Eskdalemuir	162	19102	09	roffr	Rrr
Prestwick	135	05111	11	idorr	dororr
Abbotsinch	140	05121	11	roro	rororrroroddd
Leuchars	171	01101	07	+	rodorodoRr
Dyce	091	01092	07	ido	idororo
Lerwick	005	03052	04	rororr	iro
Wick	075	03062	05	rrroroidoro	irorororr
Sule Skerry	010	94060	06		
Cape Wrath	049	96061	05	iro	iro
Stornoway	026	01061	05	roro	irororo
Benbecula	022	01061	05	iro	idoiro
Tiree	100	04051	03	doro	dorodrrrro
Aldergrove	917	02112	10	doro-ro	rorirororo
Malin	980	04081	08		
Belmullet	976	06071	05		
Birr	965	05111	11		
Dublin	969	97121	10		
Shannon	962	02091	08		
Roches Point	952	08121	11		
Valentia	953	04081	04		

Code FM 21.D — **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70335	24004	33414	97020	21504	38600	00217	83840	/////	05301	10574	30303	/////
B	99565	70510	24003	31708	98020	20102	25500	00115	82625	/////	0//51	10370	30402	/////
C	99527	70355	24003	23616	98021	15806	21500	00220	82820	/////	0//04	10773	30603	/////
D	99440	70410	24003	22936	98012	25511	21500	00212	82820	/////	0//03	11728	30608	/////
E	99349	70487	24004	81117	98022	25119	884//	00108	81818	88630	0//15	12089	30402	05703
I	99590	70191	24004	50311	97028	04307	59400	00100	81916	83824	0//05	10895	30202	99/06
J	99525	70195	24004	73108	97808	00006	794//	00304	87915	/////	06104	11205	30501	99/04
K	99449	70160	24004	83529	96616	99812	4747/	81112	84710	88459	0//08	11580	30808	21305
M	99657	10018	24004	12313	98018	06006	19500	00004	81920	/////	05205	10724	30502	20803

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	24064	23317	97020	23004	28600	00212	82835	/////	05351	10562	30203	/////
B	99565	70510	24063	81727	97032	19903	35572	00807	83625	882//	0//01	10340	30504	/////
C	99519	70368	24063	83115	98035	22307	855//	00239	88620	/////	0//04	10773	30603	/////
D	99440	70411	24063	43133	97021	26210	44500	00307	84630	/////	0//04	11655	30710	/////
E	99350	70484	24064	31321	98012	23820	25502	00712	82625	/////	0//15	12100	30403	05703
I	99589	70191	24064	60610	97258	05906	694//	00308	83916	83635	0//04	10918	30201	/////
J	99525	70199	24064	83631	95638	99308	873//	71501	88706	/////	05707	11184	30807	99/04
K	99450	70160	24064	73632	97016	99512	38548	81707	81820	83360	0//04	11502	31010	/////
M	99659	10018	24064	12309	98028	03906	18500	00611	81820	/////	05204	10711	30401	20802

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39815

Date of Issue Wednesday 25 November 1970

Code FM 11.D — OBSERVATIONS at 12h. — 24 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	71910	82031	07612	16432	09000	81714	83362	86073
Hurn	862	31810	70021	07713	20931	10802	83359	83075	
Thorney Island	871	61407	74022	09413	20931	10001	82359	84070	
Manston	797	71512	78022	11210	7098/	06400	81358	87362	
Gatwick	776	61807	70012	09213	15732	08000	81656	85362	
Kew	775	61706	80012	08413	15779	08805	81656	85363	
Heathrow	772	71710	70022	08313	60971	08804	81359	84364	
Honington	586	71610	74032	09211	12772	05805	81856	86463	87070
Wattisham	590	71711	70022	09710	50932	06802	85362	87075	
Gorleston	497	71915	60032	10211	7097/	07400	87360		
Aberporth	502	71620	69012	01913	15538	10005	81628	83362	86278
Ross-on-Wye	627	61804	63022	06013	10941	10601	81362	86075	
Filton	628	61608	69012	05914	10932	10002	81363	86075	
Rhoose	715	70908	63032	05912	11332	10002	81808	84360	87075
Chivenor	707	71315	78022	04114	50978	11804	85368	87278	
Mount Batten	827	71112	66022	04914	11432	12801	81710	83360	86072
St. Mawgan	817	71418	59052	04013	16358	11004	81706	87360	
Scilly	804	71713	59022	01413	35578	11805	83623	85458	
Culdrose	809	61710	72011	03314	40935	11002	84360	83072	
Guernsey	894	51614	80021	07512	10932	08001	81363	85075	
Elmdon	534	71707	65021	06812	10932	09004	81364	87070	
Cardington	559	71709	59052	08011	7095/	08803	82362	87365	
Wittering	462	71811	61022	07812	20932	08803	82365	87072	
Watnall	354	81905	44042	06911	7577/	09801	87650	88360	
Shawbury	414	71708	64042	05412	18548	10004	81825	85364	87072
Finningley	360	71408	58042	06311	30938	09000	83364	87272	
Kilnsea	396	71914	59032	08009	15571	07000	81625	86460	
Leeming	257	71714	37042	04712	60978	09007	83362	84365	87275
Tynemouth	262	71717	48052	03411	7097/	09116	87358		
Carlisle	222	81407	64036	02114	45677	09110	81635	84648	88273
Valley	302	81727	80022	01413	7547/	10008	83616	86624	88462
Ringway	334	71714	58022	05013	30942	08206	83362	87070	
Squires Gate	318	71417	57042	03712	15778	10005	81656	83360	86365
Ronaldsway	204	81717	62216	00812	7542/	11006	81711	87616	88462
Mull of Galloway	131	81828	60026	97811	864//	10001	86715	88640	
Eskdalemuir	162	82115	56636	01610	854//	09114	81710	88638	
Prestwick	135	71914	62026	99313	754//	11013	81710	84612	87615
Abbotsinch	140	81914	50606	99013	854//	11214	81710	85630	88656
Leuchars	171	72020	68016	99812	55472	10213	85619	86358	
Dyce	091	81816	57216	99811	853//	10109	82707	88615	
Lerwick	005	70415	74216	01807	784//	05010	81818	83625	86635
Wick	075	80814	60616	99607	853//	07001	83708	85615	88625
Sule Skerry	010	80713	64606	99208	874//	06204	88710		
Cape Wrath	049	80919	74636	97407	875//	06708	88720		
Stornoway	026	80622	60616	96007	853//	07807	83708	86710	88620
Benbecula	022	81009	60616	93509	852//	08712	82704	85706	86710
Tiree	100	81725	50586	94111	7532/	10307	84707	87618	88458
Aldergrove	917	71817	66026	96812	783//	10007	82709	86712	87620
Malin	980	72213	84018	95510	785//	08122	81820	87640	
Belmullet	976	42811	80018	97210	38402	07231	81718		
Birr	965	72104	75026	99210	784//	09225	82718	87636	
Dublin	969	72108	80022	98314	6643/	11111	86718	83360	
Shannon	962	52317	80026	99010	22532	08121	82820	83075	
Roches Point	952	73604	80026	99210	754//	09114	82712	87640	
Valentia	953	73003	81025	99610	58532	08018	81821	85640	

OBSERVATIONS at 18h. — 24 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
746	61313	69021	07210	30932	08202	83360	85073	
862	41108	60021	07111	20932	09002	82360	84070	
871	40807	59051	08709	10971	08002	81359	84075	
797	61713	78022	10311	6093/	07102	86362		
776	61405	66021	09409	30932	06305	83364	85075	
775	61501	62012	08609	50931	07307	85366	83075	
772	61407	60022	08311	30932	07306	83363	85075	
586	61509	59012	09409	6097/	06103	86363		
590	71511	60022	09709	7097/	07204	87362		
497	31618	60012	09910	35600	09400	83630		
502	71419	69022	02213	40978	09000	84360	87275	
627	71407	60021	06211	00901	09110	87075		
628	71311	58042	05911	10932	08204	81365	87072	
715	71013	62042	05511	30932	09303	83362	87070	
707	61216	66012	03912	26438	11305	82710	84362	86272
827	61110	62022	04511	10932	10307	81365	86075	
817	71220	62022	02612	20938	11501	82363	87272	
804	51513	59021	00212	55500	11703	85626		
809	51309	64012	02412	25642	11304	82635	83073	
894	71517	80022	06412	10932	08301	81362	86072	
534	61605	60052	07110	20941	09207	82365	85072	
559	61202	26102	08409	6093/	08306	86364		
462	71409	28042	08209	7093/	08304	87362		
354	51405	28042	07809	30932	08108	83360	84070	
414	71202	50042	06111	15732	10208	81650	85362	87072
360	71406	48042	07309	30938	09209	83362	87272	
396	61914	59012	08708	30978	07305	83460	86275	
257	71508	17102	06709	00908	08317	87275		
262	62111	48052	04911	6097/	10212	86358		
222	71207	58016	03612	55532	10313	82625	84650	87072
302	71512	66016	02713	25506	09210	82625	87275	
334	71708	56042	05912	7097/	08010	87360		
318	71514	45042	05111	7097/	10211	84360	87363	
204	81909	60216	03212	854//	10218	81712	88620	
131	91818	01475	01811	9////	10330	89///		
162	82115	48216	02711	852//	10313	85705	88620	
135	82312	61506	01712	873//	11221	84706	88708	
140	82007	20506	01112	872//	12218	82704	83706	87708
171	72016	62216	01312	4547/	10209	82714	84620	86359
091	71816	59026	01311	753//	09307	81708	86615	87625
005	80717	59616	03106	853//	05006	83709	85620	88628
075	81804	40216	99511	854//	09206	83710	83620	88639
010	80719	64606	98508	873//	08201	88708		
049	80920	66636	96907	874//	07302	88715		
026	61911	80036	97209	655//	08322	86623		
022	81711	69215	96009	854//	09317	86711	88615	
100	52018	82016	97809	58400	07223	81710	84627	
917	71907	70216	01608	5557/	06225	81620	85630	87362
980	52113	84028	00208	585//	06231	82820	84640	
976	73404	84011	01308	6847/	06225	82717	85630	86358
965	80000	60618	01609	874//	08214	87712	88630	
969	80000	66506	02109	863//	09217	82706	88709	
962	80000	70616	01109	2647/	08216	81715	88457	
952	83305	59605	00309	863//	09105	88706		
953	80000	70606	00409	3647/	07209	83718	88460	

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00141	049	+	+
862	00141	063	+	+
871	00131	057	+	+
797	00121		+	+
776	00141	047	+	+
775	00141	036	+	+
772	00141	036	+	+
586	00111		+	+
590	00101	001	+	+
497	00120	003	+	+
502	00141	001	+	+
627	00161	037	+	+
628	00151	042	+	+
715	00131	004	+	+
707	00151	008	+	+
827	00151	035	+	+
817	00151	012	+	+
804	00141	009	+	+
809	00150	003	+	+
894	00131	043	+	+
534	00141	032	+	+
559	00131	027	+	+
462	00131	021	+	+
354	00131	001	+	+
414	00131	001	+	+
360	00121	000	+	+
396	00100	000	+	+
257	97121	000	+	r_o
262	00121	000	+	+
222	97141	000	r_o	+
302	97131	001	ir_o	+
334	00131	001	+	+
318	97121	000	+	r_o
204	92131	000	ir_or	ir_o
131	92111			
162	03111	000	r_or_orr	ir_orr_o
135	97131	000	+	$ir_oid_od_od_o$
140	01141	001	$ddr_or_oir_o$	$d_od_oid_or_oid_o$
171	92131	000	r_o	d_or_o
091	91121	000	$d_or_od_or_oir_o$	+
005	02072	000	$ir_or_or_o$	r_or_o
075	03111	000	rrr_or_o	ir_o
010	09092			
049	12092	000	rrr_or_o	$rrir_o$
026	15102	000	rr	rr
022	04121	000	$rrr_or_oid_o$	ir_oid_o
100	93121	008	$r_or_od_or_o$	+
917	01121	000	r_o-r_or_o	r_o-r_or_o
980	9613	022		
976	9211	019		
965	0411	000		
969	9414	000		
962	9611	026		
952	0411	001		
953	9711	013		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 12h.

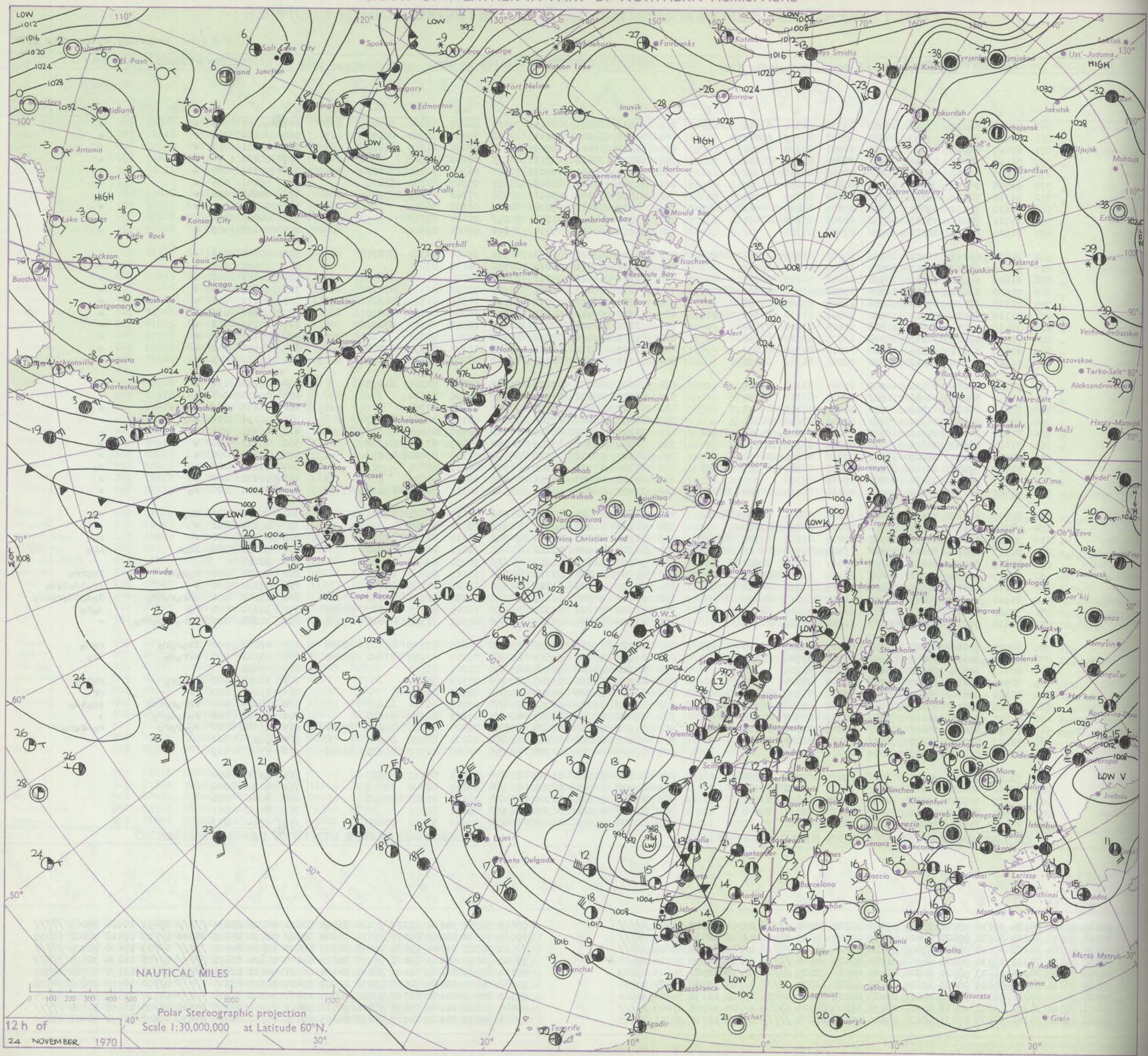
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	24124	30116	97258	26804	29560	00220	82925	/////	05301	10603	30203	/////
B	99565	70510	24123	81632	97022	20404	3547/	00108	83615	88460	0//02	10331	30505	/////
C	99515	70380	24123	63614	98022	27806	65500	51218	86020	/////	0//51	10983	30602	/////
D	99438	70411	24123	43330	98028	26911	11400	00123	84818	/////	0//04	11836	30716	29604
E	99350	70484	24124	31123	98020	24820	21502	00310	82825	/////	0//15	12084	30503	07603
I	99589	70191	24124	40619	98258	10607	48500	00228	83825	/////	0//04	10986	30404	06706
J	99525	70201	24124	70124	97258	05010	29423	00224	81913	86459	05305	11172	30706	31004
K	99451	70160	24124	63631	97012	00212	28532	81802	82820	83359	0//04	11508	31009	/////
M	99660	10018	24124	32607	98031	05105	34600	00107	81840	/////	05303	10726	30301	20803

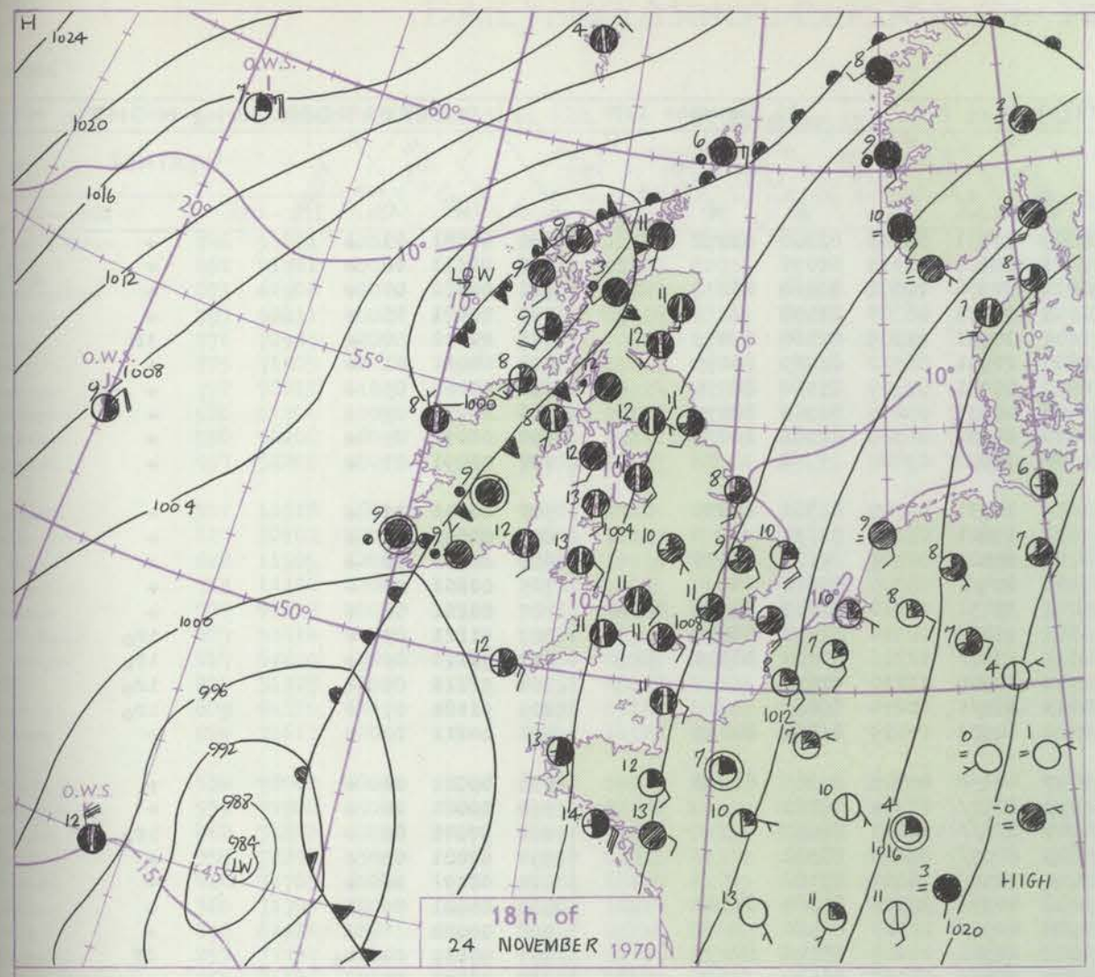
OCEAN WEATHER STATION REPORTS at 18h.

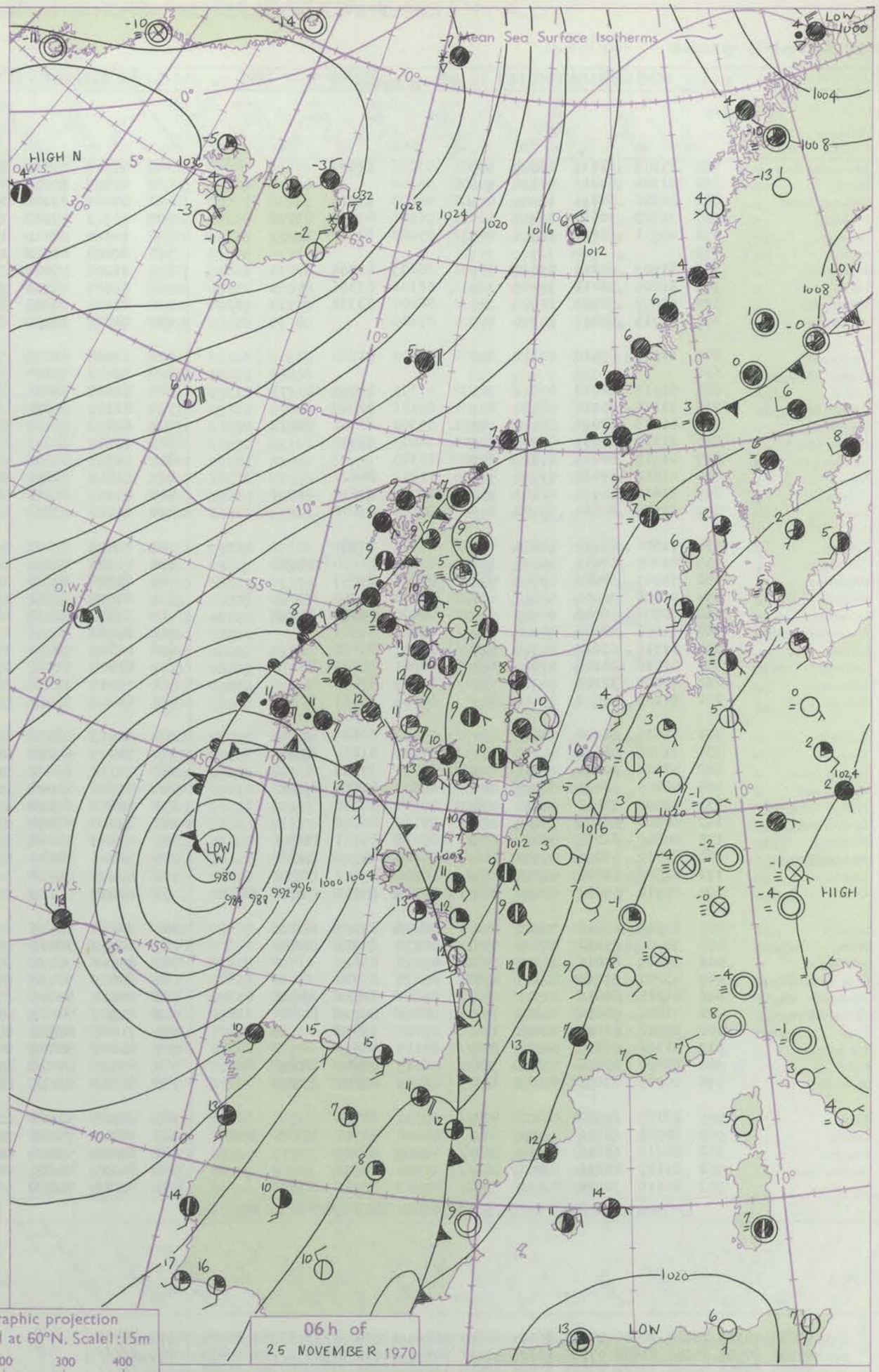
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	24184	50313	97028	31504	58600	00226	85831	/////	05451	10624	30203	/////
B	99565	70508	24183	81537	95616	16604	5532/	00730	85609	88540	0//03	10516	30808	10705
C	99517	70368	24184	63424	98028	28807	58401	13204	84815	/////	0//03	10670	30705	/////
D	99440	70411	24183	63418	98021	30813	64400	00304	86618	/////	0//06	11830	30605	/////
E	99350	70481	24184	51025	98021	24120	24501	00611	82625	/////	0//15	12174	30704	13703
I	99588	70191	24184	30527	98258	15307	33400	00328	83915	/////	0//02	10990	30606	04708
J	99523	70200	24184	40122	97258	08009	43460	00320	82914	/////	05507	11182	30804	33005
K	99449	70160	24184	73431	97028	98512	68402	81501	83816	85640	0//05	11552	31008	/////
M	99661	10019	24184	72709	98038	06605	78500	00310	82729	86630	05402	10731	30301	20802

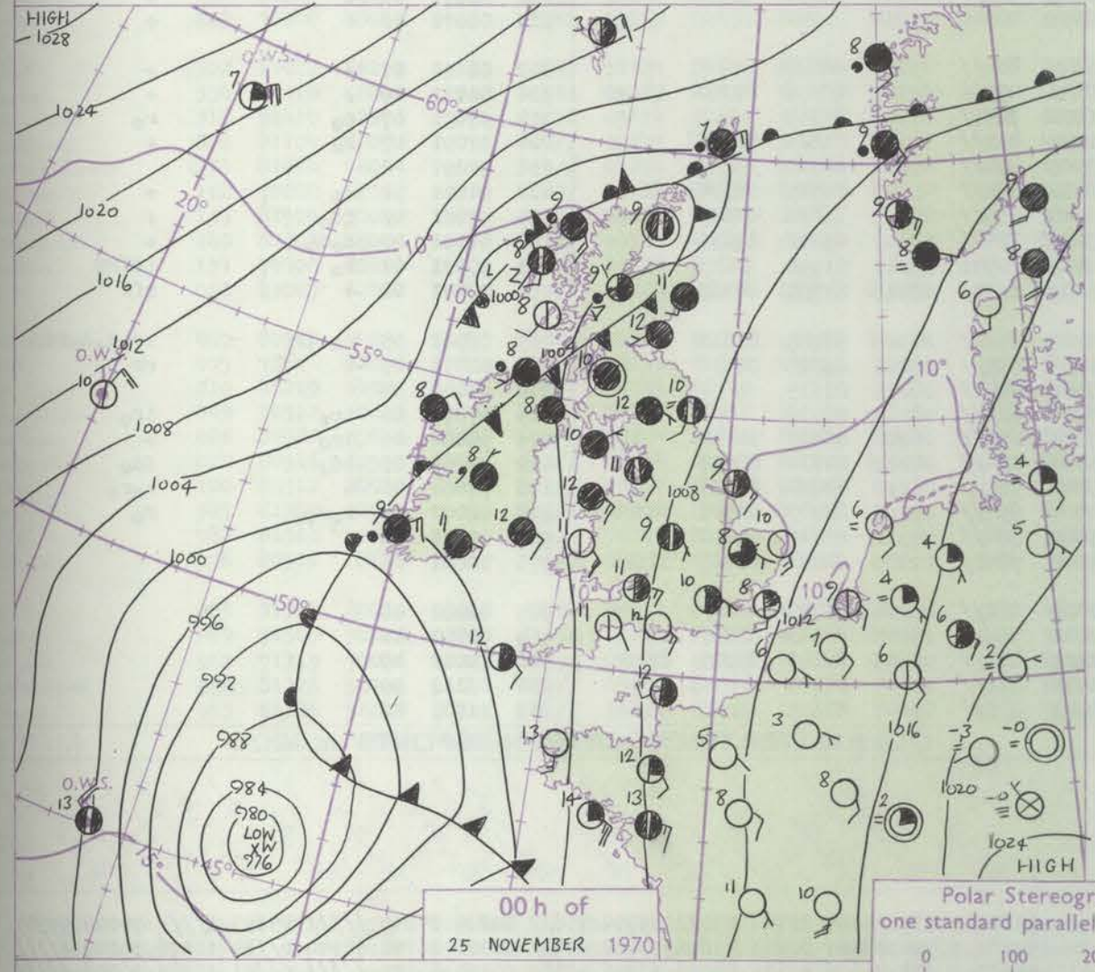
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 25 November 1970

Pressure remains low from the Norwegian Sea to west of Portugal. The complex low which was over Ireland and Scotland yesterday has moved northeast and filled somewhat, but the small intense low which was west of Portugal has moved northwards and is now moving slowly northwest. The cold front associated with this low will move north over England becoming very weak but a trough will persist over Scotland. To the northwest of this trough a strong northeasterly flow will be maintained as the high southwest of Iceland moves slowly east. Pressure will remain high over central Europe.

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

Code FM 11.D

OBSERVATIONS at 00h. 25 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	21213	61011	08809	00901	07206	82073		
Hurn	862	01314	60011	08112	00900	09302			
Thorney Island	871	30806	60011	10009	00901	08203	83075		
Manston	797	31812	70011	11408	10931	06101	81362	83075	
Gatwick	776	40701	64027	10806	20932	05203	82362	83075	
Kew	775								
Heathrow	772	41503	65011	09610	10931	06203	81364	83075	
Honington	586	61205	56012	10408	30932	06106	83366	85075	
Wattisham	590	61609	58022	10608	30932	06004	83362	86075	
Gorleston	497	01715	58051	11110	00900	09400			
Aberporth	502	11524	69010	03111	10930	09309	81360		
Ross-on-Wye	627								
Filton	628	51513	62012	07011	30932	07105	83365	85073	
Rhoose	715	31115	65011	06210	20931	09103	82360		
Chivenor	707	41213	62021	04411	10931	09301	81362	84072	
Mount Batten	827	21315	62031	04712	00901	10203	82075		
St. Mawgan	817	01319	62011	03212	00900	10303			
Scilly	804	41612	59012	01512	45500	11211	84621		
Culdrose	809	51610	60031	02613	35602	11704	83632	83070	
Guernsey	894	31616	80011	07412	00902	08206	83072		
Elmdon	534	71606	65022	08609	7095/	07307	87365		
Cardington	559	81405	37051	09409	1577/	07204	81650	88360	
Wittering	462	71407	30042	09308	758//	07003	87657		
Watnall	354	71504	32051	08609	40972	08400	84360	85075	
Shawbury	414	70706	56042	06709	50932	08000	85362	86075	
Finningley	360	71606	48102	08308	7093/	08101	87364		
Kilnsea	396	51716	63012	10309	5097/	07007	85460		
Leeming	257	81510	18106	07909	663/7	08001	86706	88270	
Tynemouth	262	72009	32102	06910	7091/	10103	87458		
Carlisle	222	81105	59032	05412	8097/	09006	88363		
Valley	302	81615	66032	04212	6557/	09102	86624	88460	
Ringway	334	71408	58022	06712	1573/	07301	81650	87360	
Squires Gate	318	71412	60026	05911	7097/	09304	87363		
Ronaldsway	204	80805	58031	04910	2577/	09307	82650	88460	
Mull of Galloway	131	42006	78015	04311	45600	10104	84640		
Eskdalemuir	162	60000	48106	06008	657//	07112	86656		
Prestwick	135	80000	62025	05310	854//	09213	86711	88615	
Abbotsinch	140	82402	58206	05709	854//	09121	81710	88618	
Leuchars	171	82607	62022	05112	854//	10220	83712	88618	
Dyce	091	81910	59052	05211	854//	10323	83712	83616	88620
Lerwick	005	80514	48616	05207	852//	06210	85705	88612	
Wick	075	70000	75032	04109	6543/	08230	82713	86626	
Sule Skerry	010	30209	81016	02909	35500	09220	83620		
Cape Wrath	049	43202	83016	02409	47500	06227	84720		
Stornoway	026	81615	60616	02309	854//	09221	83711	88626	
Benbecula	022	71808	74036	00608	754//	08218	84714	87624	
Tiree	100	12212	82011	02408	18400	07220	81818		
Aldergrove	917	81102	58216	04208	854//	07107	88615		
Malin	980	82307	82606	03808	3567/	06113	83640	88459	
Belmullet	976	80309	83035	04008	6567/	06209	86632	87359	
Birr	965	80107	62506	02408	873//	08501	88706		
Dublin	969	80503	66216	03010	864//	09000	82711	85715	88620
Shannon	962	80213	66216	00909	864//	07809	86717		
Roches Point	952	81109	40216	00411	861//	11500	88702		
Valentia	953	80614	30636	00109	5732/	07503	85707	88520	

OBSERVATIONS at 06h. 25 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	41313	59030	09309	20931	08306	82360	83072	
Hurn	862	21208	65030	09111	00901	10313	82075		
Thorney Island	871	61209	59011	10811	30978	10308	83360	86272	
Manston	797	21713	78020	12508	00901	06309	82075		
Gatwick	776	70701	22111	11605	30931	05309	83360	85075	
Kew	775	60000	66022	10807	20931	06312	82363	86075	
Heathrow	772	71206	59021	10510	50931	07307	85364	86075	
Honington	586	81607	48032	11508	40937	05205	84366	88275	
Wattisham	590	61611	56021	11608	20932	06308	82362	86075	
Gorleston	497	01810	58050	11110	00900	09400			
Aberporth	502	31425	66010	03611	10931	09309	81362	83075	
Ross-on-Wye	627	21408	70020	07811	15601	08102	81630		
Filton	628	61508	61031	08210	55501	08309	85626	85075	
Rhoose	715	81113	64031	07411	854//	09309	88614		
Chivenor	707	61210	62031	05712	35431	10210	83619	84367	86070
Mount Batten	827	71512	62031	06313	754//	12314	81710	87657	
St. Mawgan	817	81515	58606	04812	1737/	11315	81707	88359	
Scilly	804	11618	59216	02712	15500	11210	81625		
Culdrose	809	71915	64216	04113	655/1	10214	86626		
Guernsey	894	41716	65030	09012	10932	10319	81360	84075	
Elmdon	534	71406	65022	09009	40932	07305	84365	86072	
Cardington	559	81305	40052	10209	8097/	07309	88360		
Wittering	462	81306	48042	10407	858//	06207	88657		
Watnall	354	81604	57052	09609	8097/	07208	88362		
Shawbury	414	71808	66032	07610	7097/	08307	87362		
Finningley	360	81203	40102	09208	8097/	07308	85360	88362	
Kilnsea	396	61810	58031	10308	6097/	07302	86460		
Leeming	257	41802	14101	09007	26301	06209	82706	84075	
Tynemouth	262	71911	32102	08009	756//	08311	87630		
Carlisle	222	01406	56021	07209	00900	07214			
Valley	302	81513	66021	05312	854//	09308	88618		
Ringway	334	71407	60022	07611	2577/	07104	82656	87360	
Squires Gate	318	71312	62212	06710	7097/	08102	87363		
Ronaldsway	204	80706	58106	05911	855//	10309	81620	88624	
Mull of Galloway	131	81611	64022	05409	864//	09311	88710		
Eskdalemuir	162	80000	40101	08405	854//	05318	85715	88620	
Prestwick	135	51403	40042	06310	555//	09307	82622	84632	
Abbotsinch	140	70803	40042	07009	754//	08307	81712	87630	
Leuchars	171	20000	04416	07505	10931	05211	81358		
Dyce	091	60000	40102	08009	1633/	08213	81707	86363	
Lerwick	005	80416	32516	09307	852//	07228	86705	88612	
Wick	075	80000	70616	08807	855//	07225	83625	88650	
Sule Skerry	010	80513	70031	07909	854//	08230	88615		
Cape Wrath	049	80502	74030	07909	865//	08224	88720		
Stornoway	026	80811	80026	07609	855//	08228	83624	88636	
Benbecula	022	81307	74022	05708	854//	07227	81710	88619	
Tiree	100	71911	80032	05609	755//	06218	84720	87637	
Aldergrove	917	81107	30106	04709	853//	09206	83707	86709	88620
Malin	980	82301	80026	05507	864//	07310	85716	88630	
Belmullet	976	80313	72616	05008	7642/	07309	82711	85716	88458
Birr	965	80303	58105	02609	862//	08204	88705		
Dublin	969	71309	75036	03711	764//	10306	86713	85645	
Shannon	962	80112	59026	01209	872//	08603	83703	85705	87708
Roches Point	952	81014	40626	00911	872//	11304	88705		
Valentia	953	80915	75606	97911	855//	09607	88623		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00081	05	+	+
Hurn	862	00111	08	+	+
Thorney Island	871	00081	05	+	+
Manston	797	00071	05	+	+
Gatwick	776	00041	00	+	jf
Kew	775	00051	01	+	+
Heathrow	772	00081	05	+	+
Honington	586	00071	05	+	+
Wattisham	590	00071	05	+	+
Gorleston	497	00091	05	+	+
Aberporth	502	00101	09	+	+
Ross-on-Wye	627	00091	04	+	+
Filton	628	00101	08	+	+
Rhoose	715	00101	09	+	+
Chivenor	707	00111	06	+	+
Mount Batten	827	91121	09	+	iro
St. Mawgan	817	97111	09	+	iro
Scilly	804	97111	09	+	iro
Culdrose	809	91121	07	+	iro
Guernsey	894	00111	10	+	+
Elmdon	534	00081	04	+	+
Cardington	559	00081	06	+	+
Wittering	462	97071	06	+	ir•
Watnall	354	97081	03	+	+
Shawbury	414	00091	06	+	+
Finningley	360	00081	07	+	+
Kilnsea	396	00080		+	+
Leeming	257	97061	04	ro	fF
Tynemouth	262	00071	05	+	+
Carlisle	222	00071	03	+	+
Valley	302	00101	07	+	+
Ringway	334	00111	09	+	+
Squires Gate	318	97091	07	ro	ro
Ronaldsway	204	97091	07	ro	+
Mull of Galloway	131	91091			
Eskdalemuir	162	91041	51	ro	+
Prestwick	135	97081	05	ido	+
Abbotsinch	140	91091	07	dodo	+
Leuchars	171	97031	01	ro	iffFF
Dyce	091	00071	02	+	iff
Lerwick	005	06062	05	rororr	irod•dodd
Wick	075	02071	05	+	rr
Sule Skerry	010	93081	04		
Cape Wrath	049	97072	06	ir•	iro
Stornoway	026	94082	06	iro	+
Benbecula	022	97071	05	id•	ido
Tiree	100	97081	06	+	roro
Aldergrove	917	02072	07	roro	ro
Malin	980	02071	06		
Belmullet	976	02081	06		
Birr	965	08081	08		
Dublin	969	92091	08		
Shannon	962	10082	08		
Roches Point	952	03111	09		
Valentia	953	11081	08		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70333	25004	70000	97031	36004	75600	00214	87630	/////	05351	10582	30000	99503
B	99565	70508	25003	81638	97616	16105	4742/	00805	84710	88945	0//05	10432	30808	/////
C	99527	70355	25004	63629	98001	30805	62500	13007	86820	/////	0//04	10887	30106	/////
D	99439	70408	25003	53620	98021	32113	58500	00002	83830	/////	0//08	11656	30605	/////
E	99349	70470	25004	20925	98011	25219	24501	00104	82625	/////	0//14	12109	30605	/////
I	99588	70192	25004	30430	97028	20606	33400	81226	83915	/////	0//00	10964	30606	03708
J	99524	70200	25004	10122	98028	10710	18400	00209	81815	/////	05304	11181	30705	34905
K	99450	70161	25004	73121	96018	00012	784//	00105	81816	87650	0//06	11568	31207	/////
M	99661	10021	25004	13213	98018	09606	12500	00115	81830	/////	05204	10733	30301	20802

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70334	25064	72703	97022	39304	756//	00220	87630	/////	05353	1////	30000	99503
B	99565	70510	25063	81833	97616	15805	6742/	00302	86710	88540	0//04	10396	30807	/////
C	99527	70352	25064	43626	98028	33806	42500	00220	84825	/////	0//01	10887	30706	/////
D	99439	70409	25063	33621	98016	31713	35500	00503	83630	/////	0//08	11614	30605	/////
E	99350	70479	25064	31017	98020	24120	35500	00505	83625	/////	0//14	12100	30604	/////
I	99590	70191	25064	10232	97258	25005	13400	81225	81915	/////	0//50	10897	30707	03808
J	99525	70195	25064	20327	99018	11110	22500	11304	82820	/////	05408	11202	30604	35005
K	99449	70161	25064	82912	96022	01512	885//	00208	82820	88648	0//07	11567	30000	32206
M	99661	10023	25064	23522	98018	12906	28400	00117	86815	/////	05204	10720	30503	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39816 — Date of Issue Thursday 26 November 1970

Code FM 11.D — OBSERVATIONS at 12h. — 25 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Boscombe Down	746	51811	62011	13912	35331	11123	82709		
Hurn	862	41711	60021	13613	35430	11121	82715		
Thorney Island	871	61906	70012	15113	15781	11221	81650	84358	85070
Manston	797	52011	70021	15413	30932	09116	83365	84075	
Gatwick	776	71907	59052	15113	585/2	10220	83825	84635	86075
Kew	775	71905	62032	14514	60951	10217	86363	85075	
Heathrow	772	72012	61032	14013	20932	09214	82360	87075	
Honington	586	51706	50052	14312	20932	08113	82362	83075	
Wattisham	590	52108	56052	14412	20932	09112	82365	85075	
Gorleston	497	52208	58051	14512	30979	10217	83460	85175	
Aberporth	502	11518	66016	09413	15601	08124	81640		
Ross-on-Wye	627	22102	57011	12114	25600	11127	82640		
Filton	628	11505	62041	12414	15631	10119	81645		
Rhoose	715	11110	63026	11813	18532	11125	81820		
Chivenor	707	41613	74031	10515	16431	08121	81715	84072	
Mount Batten	827	51414	74036	11514	50972	10119	82362	85364	
St. Mawgan	817	41620	69026	09213	15730	09225	81650	84362	
Scilly	804	31727	58030	05813	12531	08223	81820	83358	
Culdrose	809	61820	64051	08414	11571	09122	81820	83360	
Guernsey	894	31613	70030	13413	35300	11120	81706	83656	
Elmdon	534	72007	60052	13012	35432	09219	81612	83656	85362
Cardington	559	71908	59042	14413	35732	10120	83650	86075	
Wittering	462	71806	50056	13512	40971	09215	84360	87072	
Watnall	354	72310	23052	13312	60992	09216	83360	85362	86070
Shawbury	414	71705	60042	11812	15682	10120	81645	83358	85362
Finningley	360	71705	39042	12512	50982	10217	82360	84365	85075
Kilnsea	396	81910	58606	13909	8097/	08218	88460		
Leeming	257	71707	20044	12209	10931	08116	81362	87075	
Tynemouth	262	81606	32102	11909	8097/	08120	88358		
Carlisle	222	70000	40041	10612	55742	09115	82650	84656	87075
Valley	302	61622	66212	09313	55682	11124	85645	86360	
Ringway	334	71710	56042	12012	25481	09223	81712	85358	86072
Squires Gate	318	71410	32046	10911	25738	09119	82650	86360	
Ronaldsway	204	81104	63032	10011	854//	10225	81712	88617	
Mull of Galloway	131	81414	48054	09509	864//	08224	85715	88640	
Eskdalemuir	162	70000	62052	11109	7563/	08118	84634	86650	
Prestwick	135	81505	50042	10411	7557/	09218	87627	88460	
Abbotsinch	140	80703	18042	10911	855//	09118	87622	88645	
Leuchars	171	70000	20104	11209	755//	09217	87626		
Dyce	091	83007	62034	12409	853//	07223	81706	86708	88635
Lerwick	005	80518	74025	15707	6532/	06228	83709	85635	88458
Wick	075	73604	62106	13309	2577/	09222	82650	87359	
Sule Skerry	010	80219	64025	13608	864//	08235	88710		
Cape Wrath	049	80512	60606	13308	874//	08219	88712		
Stornoway	026	80423	65036	13609	852//	09224	81705	87709	88620
Benbecula	022	80516	62505	11809	852//	09218	82705	86707	88630
Tiree	100	80512	80036	09610	854//	08117	85712	88618	
Aldergrove	917	81209	30042	08111	853//	10211	85707	87611	
Malin	980	81313	50216	07610	864//	09209	85712	88635	
Belmullet	976	80514	62616	04509	3642/	08801	83710	88550	
Birr	965	31312	80016	04612	38500	09011	81822	83638	
Dublin	969	71509	58026	07213	31432	11114	81711	83818	86075
Shannon	962	71319	70036	02213	6857/	09010	81820	85636	87460
Roches Point	952	81226	59106	01611	864//	09803	88712		
Valentia	953	81225	56628	97112	864//	10812	88718		

OBSERVATIONS at 18h. — 25 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
746	71410	28101	17310	46402	09220	84710	87072	
862	71207	40052	16812	00908	11316	87270		
871	40906	28111	18509	10981	09217	81362	83068	
797	21908	60011	19609	20932	08226	82362		
776	31703	40101	18809	35700	08323	83650		
775	10000	48121	18306	10931	05226	81365		
772	11605	56051	17611	15601	09221	81640		
586	21706	16111	18309	00902	09224	82075		
590	11908	30051	18410	00902	09223	81075		
497	41808	56051	17910	40970	10220	84360		
502	11521	82020	12011	11442	07216	81818		
627	61308	57031	15712	656//	10219	86635		
628	61306	28041	15811	30931	09218	83359	84072	
715	61511	66806	15311	5257/	09324	85828	85359	
707	31309	80131	14312	21531	10230	81820		
827	31511	61131	14912	23430	11220	81710	81918	
817	51716	66031	12911	15601	09223	81645	85070	
804	31722	58011	10212	25601	10230	82630		
809	61916	66021	12412	45630	09227	84630	83362	
894	11814	70021	16613	10932	11223	81365		
534	41605	58031	16910	20931	09226	82362	83072	
559	31904	56111	17609	20932	09225	82365		
462	12004	32101	17608	10930	08327	81359		
354	22007	28051	16911	20970	09225	82360		
414	71102	56046	15411	40942	10120	84362	86075	
360	01302	09461	16308	00900	08224			
396	12010	32106	16609	10940	08222	81360		
257	01705	03461	16008	00900	08225			
262	72302	24102	14709	7095/	09222	87358		
222	10902	26106	14809	10930	08322	81360		
302	21616	80011	12711	11602	08220	81830		
334	51708	40041	15912	50932	09225	85360		
318	61310	28046	14711	6095/	09220	86362		
204	41208	61036	13011	11530	09218	81825	84359	
131	21417	66014	12110	23501	09216	82925		
162	10000	09466	14908	16400	08323	81713		
135	31403	57016	13608	1543/	07220	81712		
140	70803	16606	14210	754//	10320	81616	87650	
171	80000	60212	14409	864//	08223	88712		
091	83309	59026	14209	862//	08212	82703	86704	88709
005	60420	74016	19607	4847/	03219	81818	84630	85360
075	80717	48216	17008	862//	07219	83704	88707	
010	80530	66022	16609	864//	07218	88710		
049	80522	74026	15708	865//	06212	88720		
026	80625	60616	16209	853//	09219	85709	88618	
022	80615	58636	13709	853//	09212	83706	85710	88621
100	71011	60636	11810	754//	10215	82711	87650	
917	21311	70056	11010	26330	08222	81706		
980	31317	60106	09811	38430	09218	81818	83635	
976	71016	75036	04411	754//	09204	83717	86632	
965	81315	66608	06011	874//	08310	88714		
969	71612	65606	10112	7553/	08218	84620	86650	
962	81220	62215	02111	873//	09309	82707	85711	88620
952	81530	56606	03111	864//	08325	87710	87630	
953	81527	60616	95112	864//	09500	88717		

OBSERVATIONS during DAY

iii	RRT x T E x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00141	019	+	+
862	00141	027	+	+
871	00141	027	+	+
797	00131		+	+
776	00141	023	+	if
775	00141	043	+	ff
772	00141	038	+	+
586	00131		+	+
590	00131	038	+	+
497	00120	034	+	+
502	97141	046	ir_o	+
627	97151	032	+	$tlr_,$
628	00150	034	+	t_ol_o
715	96151	048	ir_o	ir_opr_otlrtl
707	00171	063	+	+
827	00151	033	+	l_o
817	00131	051	+	+
804	00131	045	+	+
809	00150	059	+	+
894	00141	038	+	+
534	00141	029	+	+
559	00141	037	+	+
462	97141	034	ir_o	+
354	00131	010	+	+
414	95141	025	ir_o	r_orR
360	00131	010	+	ffFf
396	97110	010	ir_o	+
257	00101	004	f	ffFF
262	00101	000	+	+
222	97131	002	r_o	r_o
302	92151	037	ir_o	+
334	00141	015	+	+
318	97131	014	r_o	+
204	93131	020	r_o	+
131	94111			
162	97101	000	+	ir_offF
135	03121	000	ir_or	rrir
140	02111	000	ir_o	$r_or_orifFFf$
171	92091	000	$FFifr_o$	r_o
091	97101	000	f	d_er_of
005	91072	000	ddd_od_o	ir_o
075	03092	000	ir_o	ir_orr
010	91090			
049	05092	000	ir_o	ir_oRR
026	05092	000	id_oir_o	ir_orr
022	11102	000	id_o	r_or_orrRR
100	07112	000	$ir_ord_or_o$	r_orr
917	94131	011	r_or_o	+
980	0212	000		
976	0711	001		
965	0113	020		
969	9714	018		
962	0513	010		
952	0312	000		
953	1413	000		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 12h.

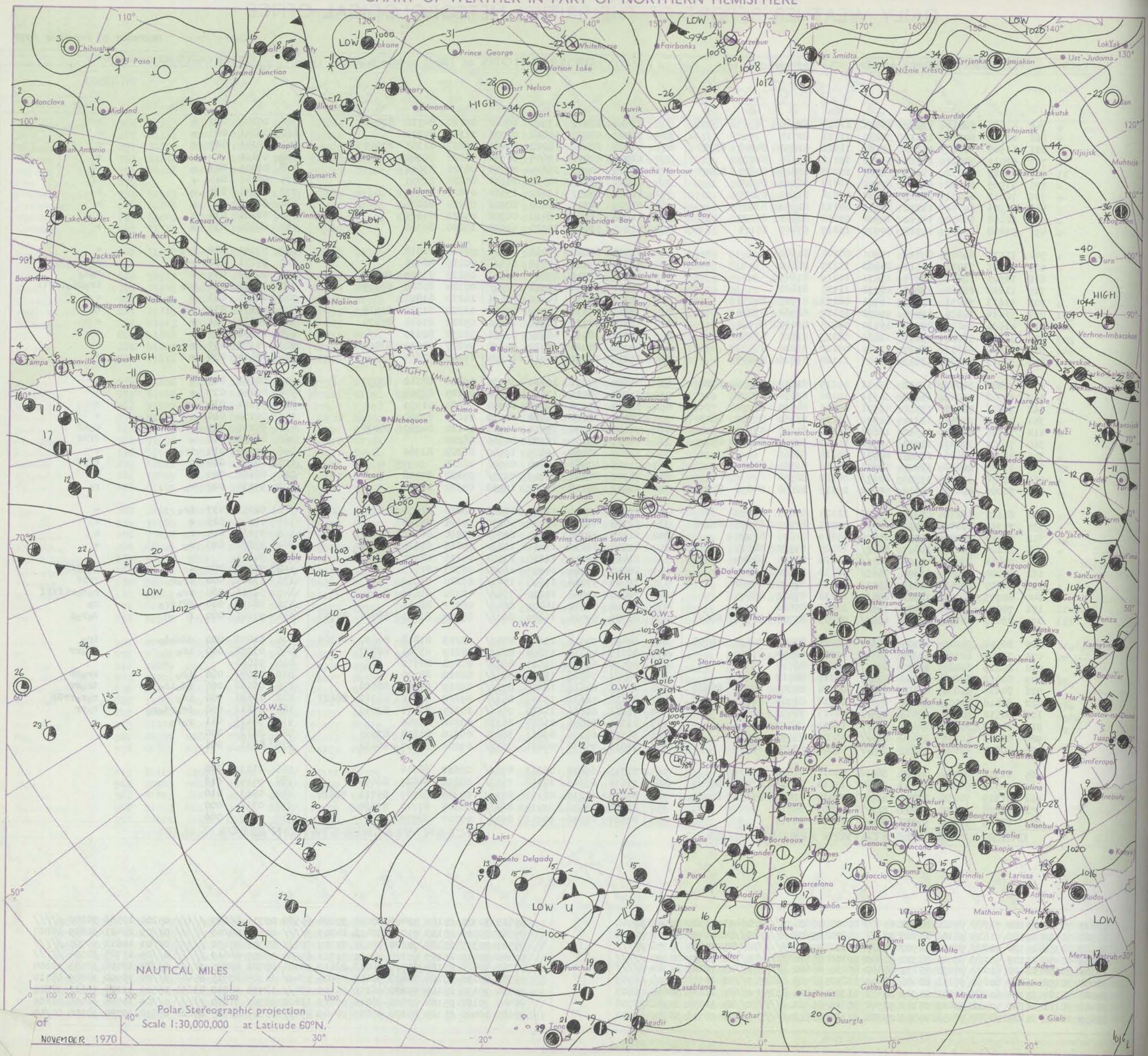
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70334	25124	72206	97022	41004	65680	00205	86636	/////	05451	10580	300000	99502
B	99563	70510	25123	91629	94106	15506	9////	00806	89/04	/////	0//06	10405	308007	12908
C	99529	70356	25124	70224	97031	36907	754//	00111	87620	/////	0//05	10807	307006	/////
D	99439	70409	25123	50222	98021	33312	51500	00110	85820	/////	0//06	11839	30605	/////
E	99350	70480	25124	61022	98031	25119	65500	00215	86620	/////	0//13	12109	30704	/////
I	99589	70192	25124	60630	97258	28006	63400	00212	82918	84825	0//03	10912	30708	06909
J	99528	70187	25124	60234	98031	11909	33432	11306	83915	83357	05606	11223	30609	08803
K	99448	70161	25124	52412	98012	05113	52502	00215	85822	/////	0//04	11550	30501	32306
M	99659	10025	25124	73528	98251	19303	79400	81136	85915	/////	05701	10716	30705	00/00

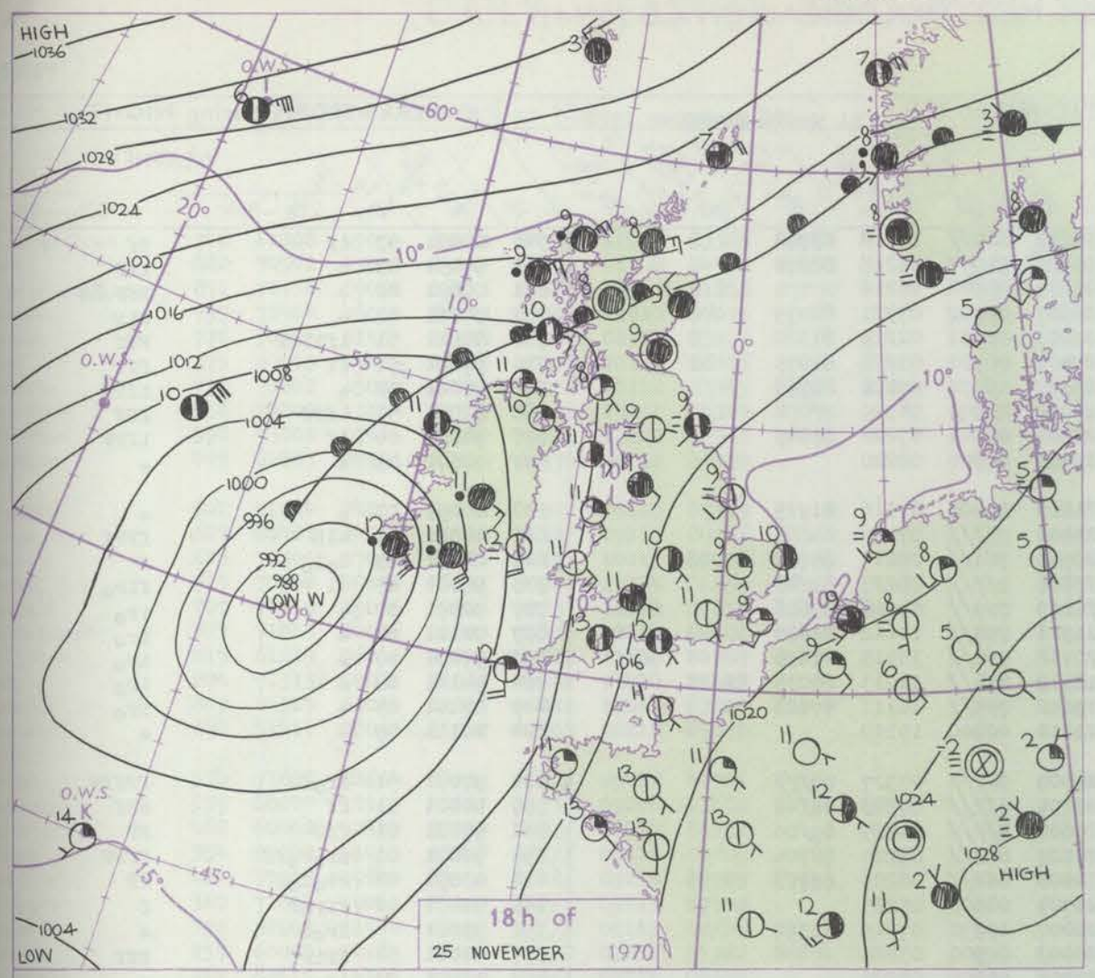
OCEAN WEATHER STATION REPORTS at 18h.

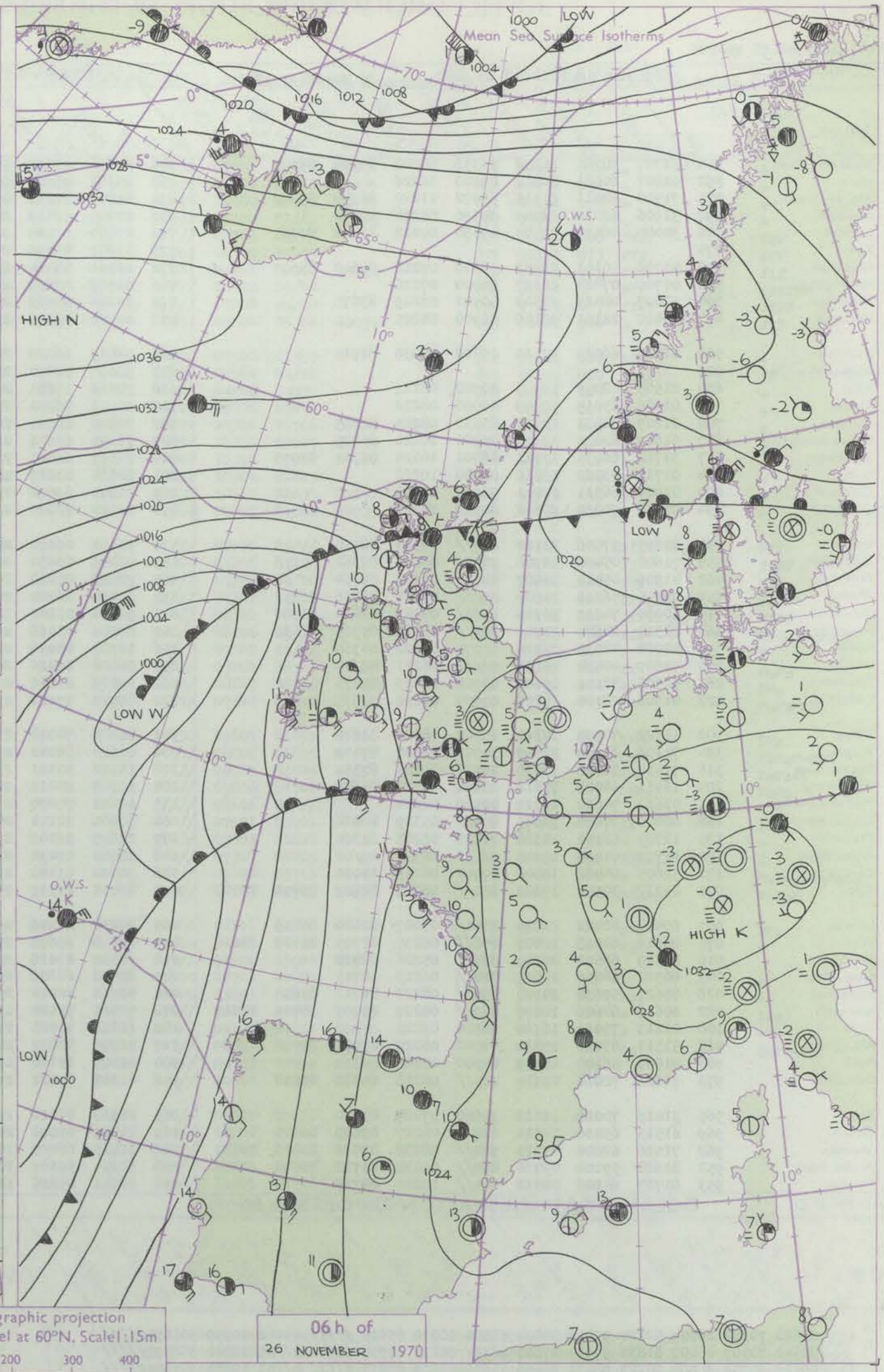
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70334	25184	72416	97022	39004	65580	00711	86627	/////	05200	10588	30202	/////
B	99565	70510	25183	91730	93472	14307	9////	00611	89/03	/////	0//09	10421	30809	12807
C	99527	70355	25184	70224	98022	37207	755//	00301	87630	/////	0//01	10811	30705	/////
D	99440	70410	25183	60124	98021	31312	64500	00807	86619	/////	0//05	11727	30504	/////
E	99350	70480	25184	30915	98012	22619	38500	00721	82825	/////	0//12	12106	30503	12804
I	99588	70192	25184	70433	96158	29906	5343/	11315	83915	85645	0//00	10900	30809	05110
J	99530	70176	25184	70132	96152	06109	784//	12731	86812	83630	05509	11218	30611	32808
K	99448	70162	25184	22005	98011	05813	12602	00307	81830	/////	0//06	11576	30000	01405
M	99660	10020	25184	80122	97852	24403	894//	81321	82915	87620	05852	10720	30908	00/00

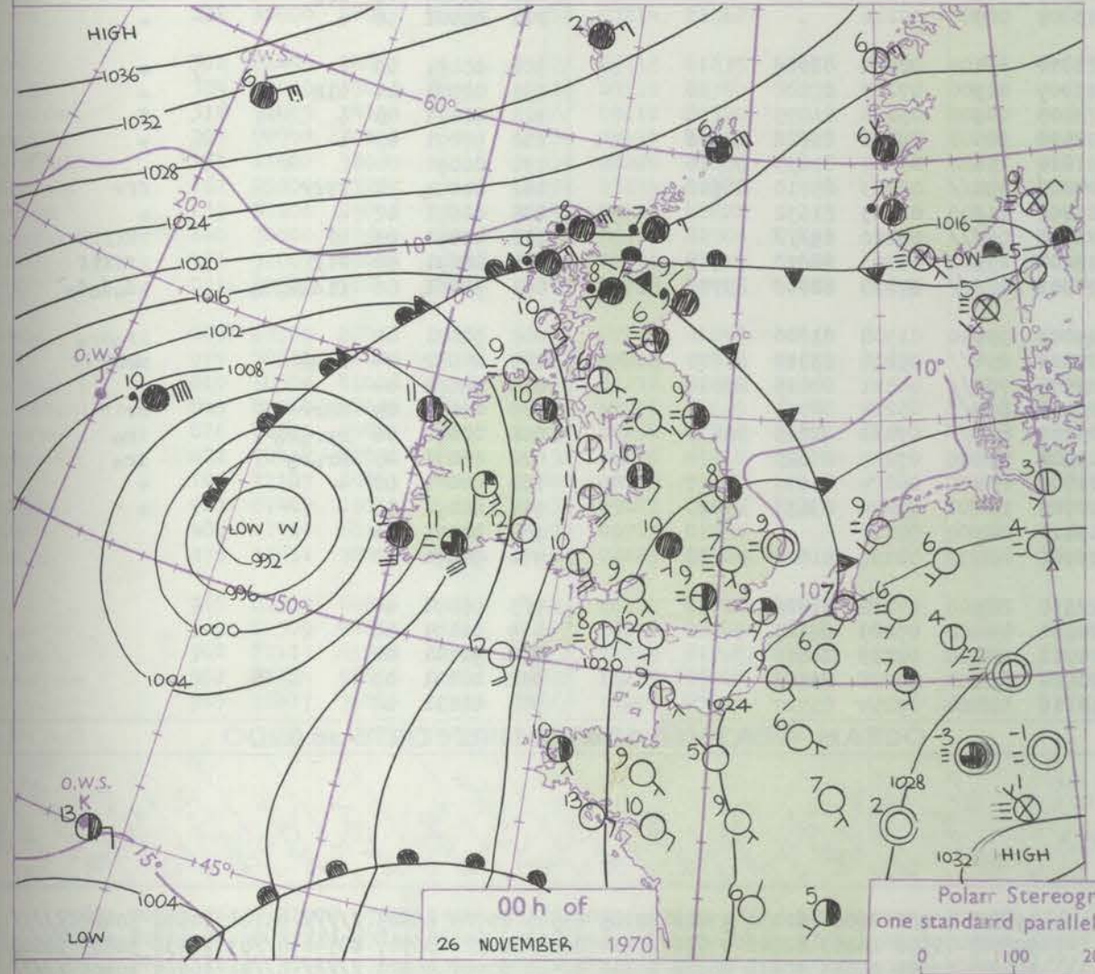
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 26 November 1970

Pressure remains high from Russia to the western Mediterranean. Deep depression about 250 miles southwest of Lands End moved slowly north during yesterday, later turning northwest, and is now centred about 200 miles west of southern Ireland, filling steadily. During the next 24 hours it is expected to fill up as it turns west and later southwest to become involved in the circulation of a developing low which is moving very slowly east, roughly midway between Azores and Portugal. A weak cold front associated with the low off southwest England moved northeast across the British Isles yesterday but has now frontalysed. A warm front from the centre across northern Scotland and southern Norway will weaken as a ridge of high pressure moves south between Iceland and north Scotland.

Code FM 11.D

OBSERVATIONS at 00h. 26 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61207	28281	21208	36332	08222	83709	84070	
Hurn	862	01807	60021	20812	00900	10226			
Thorney Island	871	71705	62011	21911	60972	11220	86358	87072	
Manston	797	31906	62030	23009	30930	08214	83360		
Gatwick	776	30000	06414	22704	15630	04218	81640	83365	
Kew	775								
Heathrow	772	51706	50101	21409	55600	09218	81640	85657	
Honington	586	01707	07424	22107	00900	07216			
Wattisham	590	32007	08414	22509	00901	08219	83075		
Gorleston	497	00000	28101	22109	00900	08225			
Aberporth	502	11518	66020	17410	19400	07230	81915		
Ross-on-Wye	627								
Filton	628	01505	48059	19909	00900	08122			
Rhoose	715	01306	65019	19209	00900	08222			
Chivenor	707	21209	80031	18710	25630	08224	82645		
Mount Batten	827	51612	62031	19111	00901	10220	85075		
St. Mawgan	817	31712	66031	17711	16401	10224	81711	83075	
Scilly	804	01718	63020	15612	00900	10228			
Culdrose	809	01914	66011	17011	00900	10122			
Guernsey	894	01712	70020	20612	00900	10221			
Elmdon	534	81805	57056	21110	864//	09323	88710		
Cardington	559	71606	05464	21708	7093/	08220	87362		
Wittering	462	41906	05424	21407	40930	07118	84364		
Watnall	354	73006	56218	21609	6748/	07224	86716	86357	
Shawbury	414	60000	74019	20109	2568/	07223	82640	86360	
Finningley	360	82310	28624	21709	852//	08321	85705	88630	
Kilnsea	396	42008	48031	21108	40970	08222	84360		
Leeming	257	91609	00434	20606	9////	06221	89/00		
Tynemouth	262	52308	32101	19109	00908	08223	85275		
Carlisle	222	01302	28100	18807	00900	07220			
Valley	302	11522	74030	17211	15600	08224	81640		
Ringway	334	71109	63299	20509	7097/	08327	87459		
Squires Gate	318	71410	58022	19310	7093/	09124	87361		
Ronaldsway	204	11411	68021	17811	15601	08323	81645		
Mull of Galloway	131	01612	74020	16911	00900	08224			
Eskdalemuir	162	80000	07424	19505	854//	05319	88618		
Prestwick	135	11003	58101	18306	10932	06223	81360		
Abbotsinch	140	91702	01436	19106	9////	06325	89/02		
Leuchars	171	52605	04462	18406	00902	06219	85070		
Dyce	091	83212	30506	18309	851//	08222	82702	85704	86709
Lerwick	005	60424	80022	22106	2551/	03007	82620	86459	
Wick	075	80617	60616	22007	852//	06235	82705	86709	88614
Sule Skerry	010	80519	66602	22009	874//	05226	88710		
Cape Wrath	049	80522	66656	19807	874//	06219	88715		
Stornoway	026	80627	59636	20908	854//	08223	86712	88618	
Benbecula	022	80617	60606	18609	853//	08227	83707	85709	88617
Tiree	100	01213	75016	16710	00900	09225			
Aldergrove	917	51511	63021	15810	00902	08229	85070		
Malin	980	01509	56100	14809	00900	07326			
Belmullet	976	71016	72018	07711	785//	08218	84822	85634	
Birr	965	31413	70016	11111	35600	07229	83630		
Dublin	969	61513	65036	14811	685//	08227	83825	85645	
Shannon	962	71526	62806	07611	784//	08233	82712	83820	86630
Roches Point	952	81628	59106	09711	854//	09238	83712	88640	
Valentia	953	81727	64216	02312	864//	10240	88719		

OBSERVATIONS at 06h. 26 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80806	05422	24610	860//	10218	88700		
Hurn	862	20601	06460	24406	00901	06218	82070		
Thorney Island	871	01006	22111	25207	00900	06216			
Manston	797	22305	58110	26607	00902	07321	82075		
Gatwick	776	20000	01424	26002	10931	02219	81360		
Kew	775	11801	05444	25503	00901	03220	81075		
Heathrow	772	10501	08414	25107	16430	07018	81712		
Honington	586	01703	02464	25505	00900	04320			
Wattisham	590	12204	05414	25907	00901	07222	81075		
Gorleston	497	00000	40100	25309	00900	08220			
Aberporth	502	11417	66020	21009	19400	07116	81915		
Ross-on-Wye	627	90000	01454	24407	9////	07227			
Filton	628	70803	17101	23910	761//	09217	84702	87703	
Rhoose	715	90506	06471	23208	9////	08217	89/01		
Chivenor	707	70908	80031	22410	759//	09118	87658		
Mount Batten	827	71106	66606	21911	757//	10112	87650		
St. Mawgan	817	71515	66601	20712	757//	10115	87650		
Scilly	804	81514	63216	18512	854//	11213	84715	88623	
Culdrose	809	71309	69606	19612	755//	10111	87628		
Guernsey	894	01412	70020	23211	00900	10110			
Elmdon	534	90000	00471	25403	9////	03327	89///		
Cardington	559	90000	00474	25704	9////	04223	89/01		
Wittering	462	92002	00434	25604	9////	04325	89/00		
Watnall	354	80000	26101	25109	862//	08224	88704		
Shawbury	414	80000	28101	24108	862//	08225	83703	88705	
Finningley	360	00000	03466	24705	00900	05225			
Kilnsea	396	12307	48036	24407	10930	07219	81360		
Leeming	257	00000	02426	24403	00900	03224			
Tynemouth	262	02509	61016	23309	00900	07221			
Carlisle	222	00902	37101	23805	00900	05226			
Valley	302	31414	74011	21810	35400	08222	83618		
Ringway	334	01608	50041	23909	00900	07220			
Squires Gate	318	11106	57101	23805	00902	05226	81075		
Ronaldsway	204	51307	68031	22510	35501	09224	81622	83656	
Mull of Galloway	131	11410	74030	21810	15600	08224	81635		
Eskdalemuir	162	80000	32104	24006	854//	06223	85710	88642	
Prestwick	135	11003	56101	23106	15600	06223	81632		
Abbotsinch	140	90000	02434	23906	9////	06222	89///		
Leuchars	171	30000	03441	23204	25502	04223	82620		
Dyce	091	83510	24515	24307	872//	07230	82703	85704	86706
Lerwick	005	30217	80216	25004	35500	01308	83620		
Wick	075	80610	65616	25806	854//	05218	83710	85620	88640
Sule Skerry	010	70513	81016	25508	784//	04221	83815	87620	
Cape Wrath	049	80522	66636	25406	874//	05224	88715		
Stornoway	026	80716	66216	25307	854//	07221	82710	88618	
Benbecula	022	50711	75026	23508	55500	07227	85625		
Tiree	100	11213	70020	21709	15600	08224	81635		
Aldergrove	917	51208	58052	20710	35602	08230	83635	85070	
Malin	980	01517	65100	19410	00900	08121			
Belmullet	976	41315	77012	13911	4853/	08337	81822	84636	
Birr	965	21310	75021	17310	28500	07232	81820		
Dublin	969	41309	65028	20211	45500	09229	84625		
Shannon	962	11415	66018	14911	12500	08239	81820		
Roches Point	952	31315	59101	16511	36300	10228	83706		
Valentia	953	31621	65206	12111	36400	09254	83717		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00071	03	if	ff
Hurn	862	97051	03	+	iff
Thorney Island	871	00051	02	+	~~iff~~ fif
Manston	797	97061	01	+	FiF
Gatwick	776	00011	51	ifiFFf	FFf
Kew	775	97021	51	ff	ffF
Heathrow	772	97061	02	+	ifFf
Honington	586	91031	51	ifff	fFF
Wattisham	590	91051	00	if	ifFF
Gorleston	497	97072	03	+	+
Aberporth	502	00091	07	+	+
Ross-on-Wye	627	04061	01	tiR	fFFf
Filton	628	00071	03	t_ot_o	f
Rhoose	715	97081	05	ti	fir_o
Chivenor	707	92091	07	+	ir_o
Mount Batten	827	91111	08	+	ir_o
St. Mawgan	817	97091	07	+	ir_o
Scilly	804	94111	08	+	ir_o
Culdrose	809	97101	05	+	ir_o
Guernsey	894	00111	09	+	+
Elmdon	534	97031	51	ir_offF	FFffF
Cardington	559	00021	51	ff	FFf
Wittering	462	97031	01	ffF	FF
Watnall	354	96071	01	pr_or_off	ffFF
Shawbury	414	03051	02	rt_ot_oR	fF
Finningley	360	01051	02	ffr_or	f
Kilnsea	396	93061		ir_o	+
Leeming	257	01011	51	FFir	Fff
Tynemouth	262	91071	03	ir_o	+
Carlisle	222	00041	50	+	+
Valley	302	00091	06	+	+
Ringway	334	02071	04	tiR	+
Squires Gate	318	00041	00	+	f
Ronaldsway	204	97071	03	+	+
Mull of Galloway	131	00091			
Eskdalemuir	162	00031	51	Ffff	fFF
Prestwick	135	00051	02	+	+
Abbotsinch	140	00051	03	FF	FFffFF
Leuchars	171	00031	50	Fif	ifffif
Dyce	091	93061	06	$fi_od_od_od_o$	$id_od_od_o$
Lerwick	005	92031	02	+	ir_opr_o
Wick	075	24052	04	rrRR	~~rr~~RR
Sule Skerry	010	92060	04		
Cape Wrath	049	20052	05	RRrr	rrir
Stornoway	026	07072	06	rrr_or_o	ir_o
Benbecula	022	03071	05	Rr_or_o	ir_o
Tiree	100	00051	02	+	+
Aldergrove	917	00091	06	+	+
Malin	980	00071	06		
Belmullet	976	91091	08		
Birr	965	95091	07		
Dublin	969	01101	08		
Shannon	962	91101	08		
Roches Point	952	01101	09		
Valentia	953	02111	08		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70332	26004	52124	97012	36004	55500	00710	85625	/////	05202	10599	30305	/////
B	99562	70507	26003	81835	97614	17607	7632/	00225	87707	88540	0//05	10381	30809	/////
C	99527	70355	26004	50223	98031	26507	55600	00802	85635	/////	0//03	10883	30705	/////
D	99440	70411	26003	20524	98021	30312	25500	00605	82630	/////	0//04	11644	30506	/////
E	99349	70482	26004	80928	98031	21919	855//	00503	88625	/////	0//13	12080	30503	14604
I	99590	70192	26004	80530	97028	31105	885//	11305	81823	88650	0//01	10917	30708	36909
J	99529	70181	26004	80340	97515	06610	853//	62216	86709	88620	0//10	11194	30707	02009
K	99448	70161	26004	40812	98030	05513	12602	00807	81830	84070	0//05	11540	30000	01404
M	99657	10018	26004	83615	97852	28302	894//	81311	88915	/////	05854	10675	30503	01905

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	26064	62030	97022	32705	65500	00720	86625	/////	05102	10592	30408	/////
B	99563	70508	26063	82328	97616	21104	6632/	00221	86707	88540	0//03	10438	30605	18808
C	99527	70355	26064	50418	98028	24606	52500	00707	85825	/////	0//01	10067	30705	/////
D	99439	70409	26063	20524	98020	26412	25500	00620	82630	/////	0//05	11643	30506	/////
E	99350	70480	26064	81222	98022	18619	855//	00620	88625	/////	0//13	12090	30605	/////
I	99591	70189	26064	80724	97022	31306	885//	11302	83823	88645	0//02	10905	30606	04809
J	99527	70189	26064	80235	97206	07611	854//	81206	85620	88635	0//11	11243	30706	02010
K	99447	70162	26064	80423	97616	00613	5547/	00728	82710	85620	0//10	11548	30503	01403
M	99660	10018	26064	43014	98028	27501	28560	81811	81825	/////	06155	10716	30402	01904

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39817 — Date of Issue: Friday 27 November 1970

Code FM 11.D — OBSERVATIONS at 12h. — 26 November 1970

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	61208	59054	27413	30932	11007	83360	85070	
Hurn	862	70502	57054	27212	50972	11108	84362	85070	
Thorney Island	871	71110	59054	28413	11383	12111	81808	87070	
Manston	797	71404	48054	28913	00901	11010	87075		
Gatwick	776	30903	01464	28908	00902	08112	83075		
Kew	775	60903	09424	28513	00902	10109	86075		
Heathrow	772	70802	15044	28113	30938	10212	83365	83070	87275
Honington	586	70000	13104	28709	50932	08211	85362	87075	
Wattisham	590	73002	07464	28910	50936	10109	85362	86275	
Gorleston	497	62805	24101	28510	60970	09212	86360		
Aberporth	502	71010	74211	25011	7097/	08113	87359		
Ross-on-Wye	627	80401	24056	27410	4633/	09110	84706	88362	
Filton	628	70705	37054	27211	2627/	10115	82705	86359	
Rhoose	715	70508	40106	26511	70971	11114	81359	86361	85075
Chivenor	707	71319	69026	24515	15733	12110	81656	83362	85077
Mount Batten	827	71013	62056	24813	753/2	12114	82708	86640	
St. Mawgan	817	61219	56016	23613	35332	11108	81707	85072	
Scilly	804	71313	58026	21013	25502	11010	82623	87075	
Culdrose	809	71310	62026	22813	36232	11011	83705	85070	
Guernsey	894	51411	70011	25912	00902	10112	85075		
Elmdon	534	71603	22604	28009	6607/	09012	86701	87360	
Cardington	559	80000	10104	28507	35737	07208	83650	84365	88275
Wittering	462	60402	02424	28508	6093/	08010	86362		
Watnall	354	90000	01454	28808	9////	08116	89/00		
Shawbury	414	70502	19604	27410	2628/	09113	82703	87358	
Finningley	360	71804	09444	28209	762//	09113	87703		
Kilnsea	396	92609	01474	28408	9////	08113	89/00		
Leeming	257	60000	14284	28703	10932	03218	81362	86070	
Tynemouth	262	83610	16101	27809	856//	09226	88630		
Carlisle	222	10000	58011	27609	10942	07114	81362		
Valley	302	81409	74601	26411	3567/	09218	81635	83656	88460
Ringway	334	60000	18041	27810	20938	07110	82360	86270	
Squires Gate	318	71009	14104	27609	762//	09112	87703		
Ronaldsway	204	70708	30041	26911	66286	09117	81703	85705	86275
Mull of Galloway	131	11608	58020	26710	00909	02220	81170		
Eskdalemuir	162	20000	23284	28106	18331	06115	81706		
Prestwick	135	31106	45051	27111	28541	09113	81822		
Abbotsinch	140	70000	12604	28006	752//	06122	82704	87622	
Leuchars	171	71007	68024	28408	754//	07119	82710	87622	
Dyce	091	83305	58045	28806	7537/	05118	81709	84628	87645
Lerwick	005	63509	82038	29103	684//	02216	81818	86635	
Wick	075	70311	80026	29706	784//	03214	82818	85635	86650
Sule Skerry	010	30509	81018	29507	35570	01212	82625	83360	
Cape Wrath	049	80910	82026	29406	855//	02211	88625		
Stornoway	026	80615	75026	29407	854//	07214	82710	85625	88640
Benbecula	022	70412	82031	28009	55432	08216	81710	85620	
Tiree	100	11107	64011	26511	15600	09119	81635		
Aldergrove	917	61409	59051	25811	28531	09223	81820	83360	85075
Malin	980	11714	66100	24812	15600	09217	81640		
Belmullet	976	11011	78011	21713	12402	09235	81716		
Birr	965	81309	64606	22712	7742/	10122	87716	88458	
Dublin	969	81309	58615	25111	6622/	10116	84705	86712	88530
Shannon	962	81113	65508	20412	873//	11019	81708	84712	85718
Roches Point	952	81214	58616	21011	7632/	11217	87708	88530	
Valentia	953	71417	70808	17213	725//	11015	87822		

OBSERVATIONS at 18h. — 26 November 1970

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	50910	23102	27409	20931	09303	82362	85070	
Hurn	862	50903	12112	26909	30931	08400	82360	85075	
Thorney Island	871	60908	28102	28110	30938	10400	83360	86272	
Manston	797	71006	20102	29610	20932	08104	82362	86075	
Gatwick	776	90804	01454	29008	9////	08303	89///		
Kew	775	10804	19044	28610	00901	09304	81075		
Heathrow	772	50908	30042	28111	20931	09201	82362	85072	
Honington	586	91402	00474	29608	9////	08202	89/01		
Wattisham	590	91104	00474	29709	9////	09203	89/00		
Gorleston	497	80000	08464	29509	50931	09204	85360	88075	
Aberporth	502	11314	66011	23811	10932	07500	81359		
Ross-on-Wye	627	90501	02471	27007	9////	07304	89/01		
Filton	628	30706	37051	26710	00901	09206	83075		
Rhoose	715	30711	50041	26210	00901	09306	83075		
Chivenor	707	71107	62031	25112	35372	10306	81706	83630	87075
Mount Batten	827	41010	59051	24412	25502	10301	82627	84075	
St. Mawgan	817	61117	61021	23112	20942	10304	82362	85072	
Scilly	804	31312	58011	20812	15532	10304	81623		
Culdrose	809	41114	64011	22412	25638	10501	82635	84272	
Guernsey	894	41112	66012	25013	10932	09805	81362	84075	
Elmdon	534	90000	00456	28407	9////	07500	89///		
Cardington	559	70504	06464	29207	00908	07206	87270		
Wittering	462	90502	00474	29707	9////	07306	89/00		
Watnall	354	90707	00476	29308	9////	08202	89/00		
Shawbury	414	80807	08416	27809	860//	08301	88701		
Finningley	360	90702	01584	29508	9////	08206	89///		
Kilnsea	396	90000	00434	30107	9////	07208	89///		
Leeming	257	80000	05602	30207	860//	07204	88701		
Tynemouth	262	80000	66022	29908	8097/	08107	88359		
Carlisle	222	70809	48041	28508	5567/	07302	82640	84650	87360
Valley	302	30613	69016	25210	15730	09605	81650	83360	
Ringway	334	70609	22286	27810	4557/	08806	81625	84656	87362
Squires Gate	318	81007	15216	27509	856//	09705	83645	88657	
Ronaldsway	204	80609	20614	26709	861//	09806	84702	88704	
Mull of Galloway	131	91415	04454	26709	9////	08606	89///		
Eskdalemuir	162	80204	19101	28907	860//	07501	83701	88703	
Prestwick	135	70902	56041	27807	5843/	07003	81818	84628	87360
Abbotsinch	140	80607	35106	28508	862//	07305	88705		
Leuchars	171	80907	68216	29407	864//	07204	83710	88712	
Dyce	091	83605	59216	30505	6532/	04109	81707	86635	88458
Lerwick	005	33609	80258	30503	38400	02211	82818		
Wick	075	41902	80011	31005	45600	02207	84630		
Sule Skerry	010	60702	82151	30107	635//	51400	83920	86625	
Cape Wrath	049	40906	82011	29804	45500	02701	84625		
Stornoway	026	30716	75021	29906	38400	03801	82818		
Benbecula	022	60512	80212	28707	654//	06002	81712	86623	
Tiree	100	80607	62011	27209	854//	09104	87713	88630	
Aldergrove	917	70806	56216	25810	753//	08803	81708	84712	87650
Malin	980	61312	62101	25411	654//	09502	83710	86645	
Belmullet	976	70909	74216	22311	764//	10303	81711	85715	
Birr	965	71315	69026	22511	756//	09500	87636		
Dublin	969	50905	65016	25010	553//	10201	83706	85656	
Shannon	962	81007	70022	21511	5547/	10309	81715	84646	88460
Roches Point	952	80916	56106	21012	863//	11204	84707	88712	
Valentia	953	81024	70216	17514	4652/	11205	84720	88545	

OBSERVATIONS during DAY

Station	iii	RRR $T_x T_x$ E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00131	030	+	+
Hurn	862	00151	036	+	+
Thorney Island	871	00131	038	+	+
Manston	797	97151		+	+
Gatwick	776	00101	000	FFff	fFF
Kew	775	00141	013	Fff	ffF
Heathrow	772	00141	005	f1f	f1f
Honington	586	91111		FFf	fFffFF
Wattisham	590	97111	007	ffFF	ffFF
Gorleston	497	00102	000	+	ffF
Aberporth	502	97131	008	$1r_o$	+
Ross-on-Wye	627	92101	000	fr_of	fF
Filton	628	00121	004	+	+
Rhoose	715	00121	017	f	+
Chivenor	707	00151	049	+	+
Mount Batten	827	00141	034	+	+
St. Mawgan	817	00131	061	+	+
Scilly	804	00141	049	+	+
Culdrose	809	97140	043	+	+
Guernsey	894	00131	022	+	+
Elmdon	534	97101	000	$Fff1fir_o$	FFf
Cardington	559	00101	004	ff	ffFF
Wittering	462	97091	000	FFf	fFF
Watnall	354	97091	000	FFr_off	fFF
Shawbury	414	91111	000	$Fff1r_or_o$	ff1f
Finningley	360	94091	000	ffF	$ffd_o1d_or_oFF$
Kilnsea	396	97081	000	F	F
Leeming	257	02071	006	ff	r_or_o
Tynemouth	262	91091	012	+	$1r_o$
Carlisle	222	02111	043	+	r_or_orrR
Valley	302	02111	000	$1r_or_or_o$	1ro
Ringway	334	01111	004	r_or_o	r_or_o-rof
Squires Gate	318	95101	000	ffr_or_o	$r_or_o$ff
Ronaldsway	204	01111	009	$1fr_o$	r_or_o
Mull of Galloway	131	01101			
Eskdalemuir	162	97081	014	ff	1ro
Prestwick	135	00111	032	+	+
Abbotsinch	140	91081	000	FF1rff	f
Leuchars	171	01081	000	+	$d_oRr_oRd_or_or_o$
Dyce	091	02071	000	$1d_or_o$	r_or_or
Lerwick	005	93051	011	pr_o	pr_o
Wick	075	91071	000	r_or_o	+
Sule Skerry	010	00070			
Cape Wrath	049	92071	000	1r	+
Stornoway	026	94081	000	$1r_o$	+
Benbecula	022	97101	017	+	$1r_o$
Tiree	100	00111	042	+	+
Aldergrove	917	01121	023	r_o	d_or_o-r_o
Malin	980	0012	050		
Belmullet	976	9713	044		
Birr	965	0112	000		
Dublin	969	0511	000		
Shannon	962	9712	000		
Roches Point	952	0412	001		
Valentia	953	0114	000		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 12h.

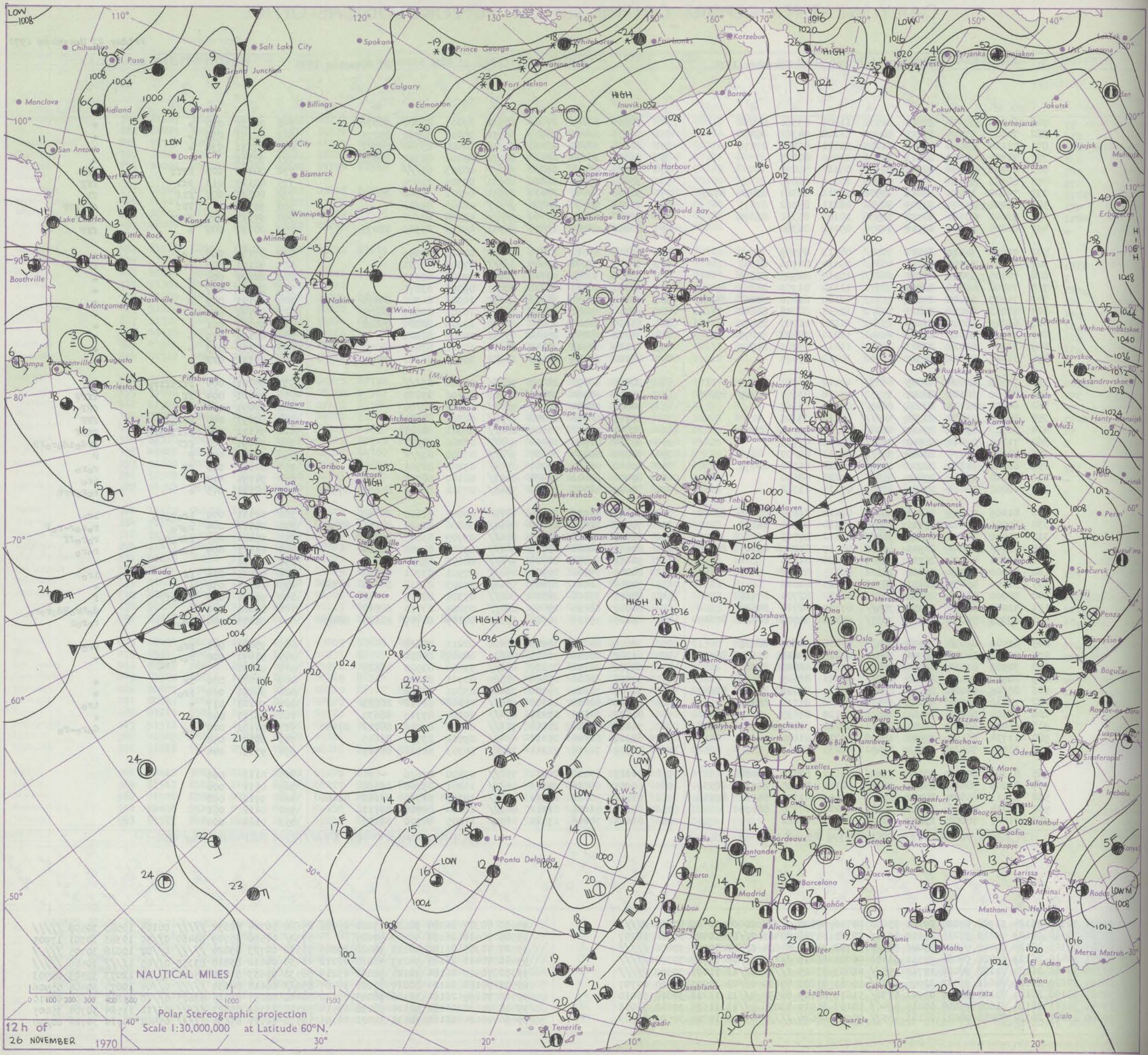
O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YY GG i_w	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$O T_s T_s T_d T_d$	$1 T_w T_w T_w T$	$3 P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99621	70329	26124	31928	97020	29105	25688	00716	82630	/////	00004	10589	30508	/////
B	99564	70510	26123	83210	97216	26602	4732/	c0325	84708	88460	0//01	10420	30604	18707
C	99527	70355	26124	70423	97801	33006	785//	00712	84825	84634	0//02	10796	30806	/////
D	99441	70410	26123	60426	98028	25511	61400	00004	86819	/////	0//06	11789	30507	/////
E	99350	70481	26124	71122	98022	17719	755//	00603	87625	/////	0//12	12075	30505	/////
I	99591	70189	26124	70621	97022	32906	785//	00001	81823	87630	0//03	10907	30505	04707
J	99527	70196	26124	80128	96506	05911	6732/	51814	86709	88530	0//11	11212	30606	36010
K	99445	70163	26124	71608	96808	00015	59463	00103	85910	83070	0//13	11586	30000	35006
M	99660	10021	26124	82820	98021	24103	6557/	00715	86630	/////	05750	10714	30503	01903

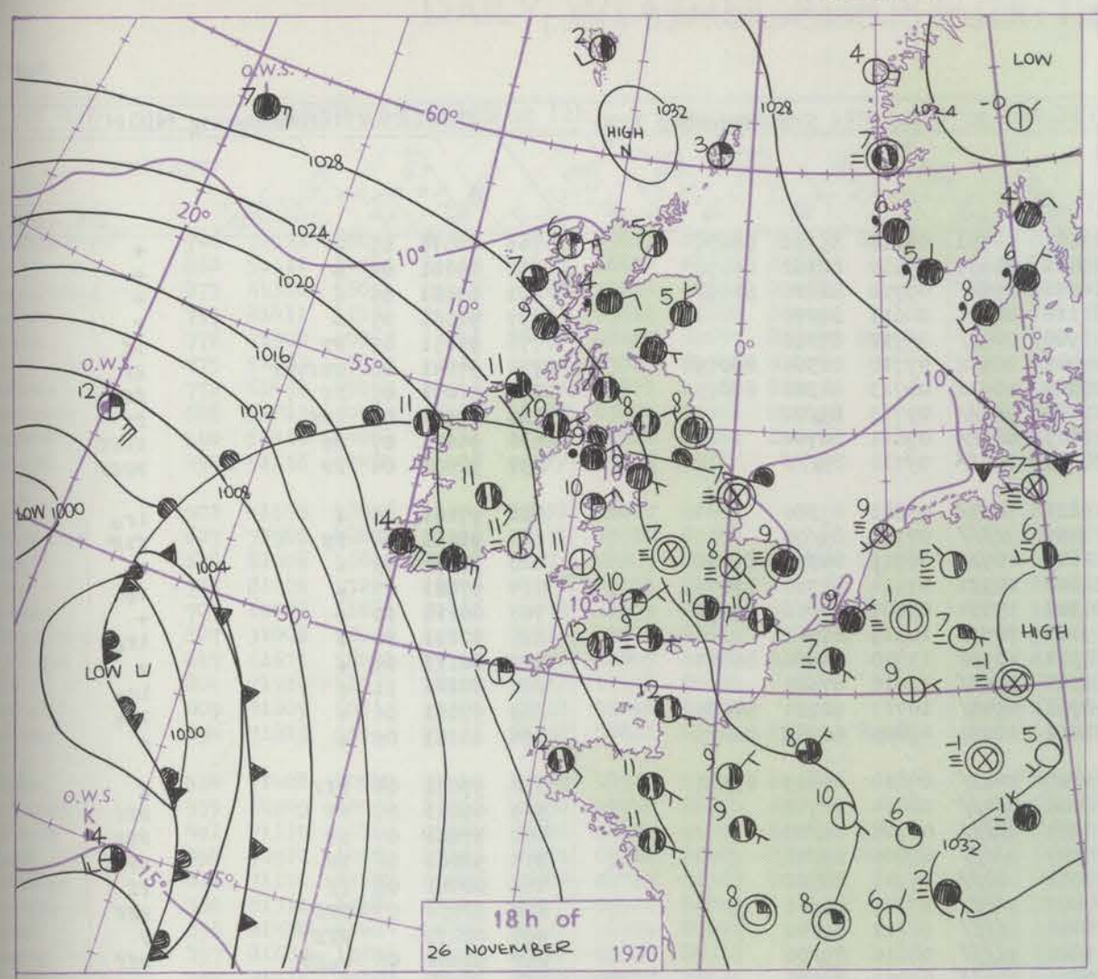
Code FM 21.D — OCEAN WEATHER STATION REPORTS at 18h.

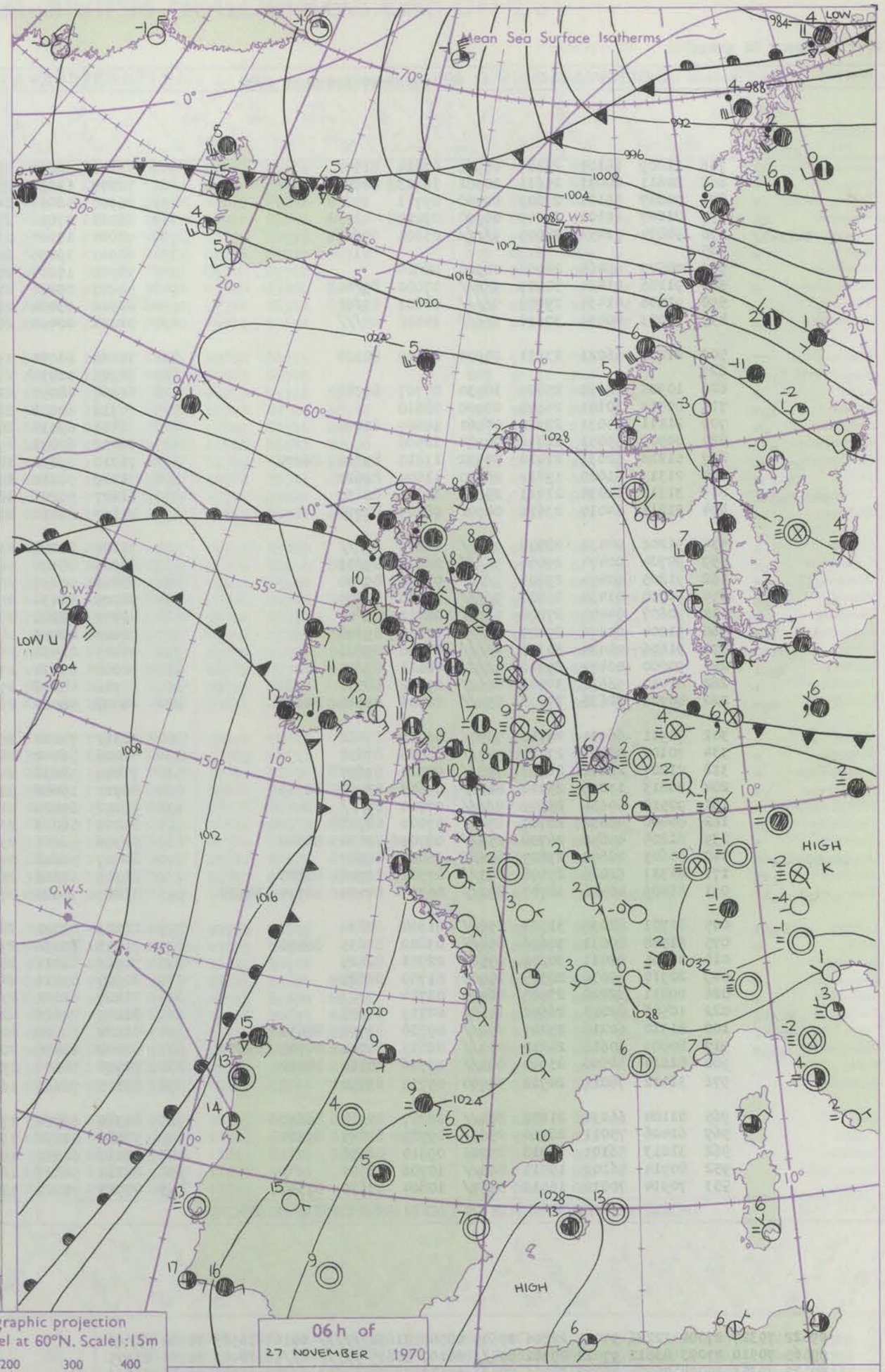
O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YY GG i_w	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$O T_s T_s T_d T_d$	$1 T_w T_w T_w T$	$3 P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99622	70327	26184	32028	97020	25006	25608	00724	82632	/////	00104	10583	30509	/////
B	99565	70510	26183	83408	97027		5732/	00500	85709	88460	0//50	10383	30301	17905
C	99527	70355	26184	60128	98028	27805	58560	00723	83820	/////	0//02	10818	30705	/////
D	99440	70411	26183	50217	98022	22212	41430	00612	83818	83359	0//05	1////	30506	/////
E	99350	70479	26184	71121	98032	13219	58536	00633	81820	85640	0//13	12073	30503	08703
I	99591	70190	26184	80817	97022	30407	856//	00610	88630	/////	0//04	10873	30404	05906
J	99526	70199	26184	31126	98015	07112	38400	00235	81815	83625	0//10	11210	30604	02010
K	99448	70152	26184	52114	98038	03514	52500	23333	85823	/////	0//12	11524	30704	35005
M	99660	10024	26184	72630	98022	18105	55570	41727	85630	/////	05402	10710	30706	00/00

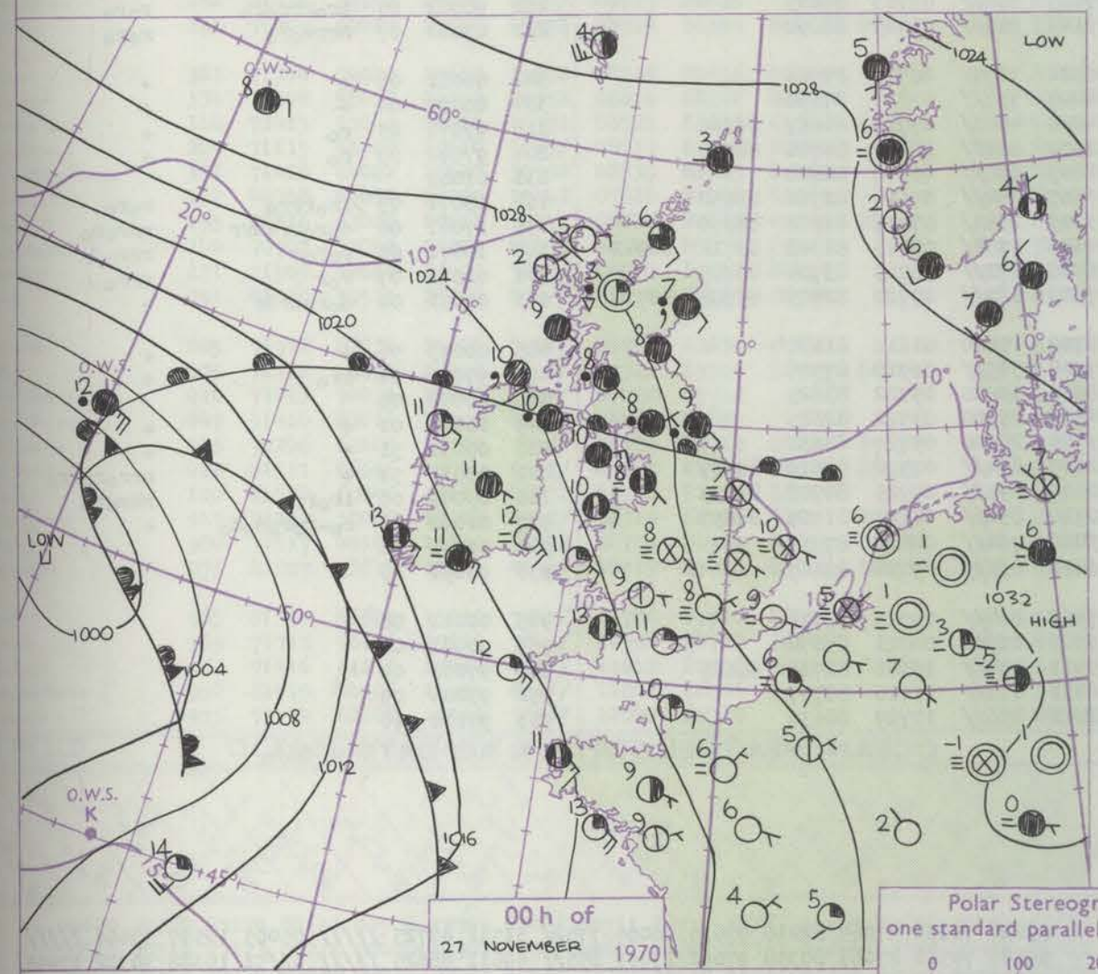
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 27** November 1970

Pressure remains high over central Europe but the anticyclone, to the southwest of Iceland yesterday, has declined a little. The depression to the southwest of the British Isles has become complex and the centre off southwest Ireland has filled a little. During the next 24 hours no major developments are expected but the southerly airstream covering the British Isles is expected to back southeast bringing rather drier air from the Continent to eastern England.

Code FM 11.D

OBSERVATIONS at 00h. 27 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	11009	28101	26307	00901	07814	81072		
Hurn	862	20811	40051	25611	00901	10713	82070		
Thorney Island	871	00807	56101	27009	00900	09711			
Manston	797	01007	10101	29509	00900	09000			
Gatwick	776	90804	01454	28805	9////	05804	89///		
Kew	775								
Heathrow	772	00807	05464	28008	00900	08804			
Honington	586	91106	01434	30007	9////	07000	89/00		
Wattisham	590	91206	01434	29708	9////	08801	89/00		
Gorleston	497	91003	00454	30610	9////	10106	89///		
Aberporth	502	21217	66021	23111	20930	08507	82360		
Ross-on-Wye	627								
Filton	628	10905	28050	25809	10930	07707	81362		
Rhoose	715	00713	30101	24808	00900	08610			
Chivenor	707	21111	74031	22912	00901	10609	82075		
Mount Batten	827	00909	59051	22812	00900	10506			
St. Mawgan	817	61218	62031	21412	30932	11810	83360	86072	
Scilly	804	21313	61020	19812	25500	11804	82623		
Culdrose	809	31310	62030	21211	25601	11000	82630		
Guernsey	894	21215	64010	23612	00902	08605	82075		
Elmdon	534	91206	04434	28008	9////	08809	89///		
Cardington	559	90704	00474	29006	9////	06804	89/01		
Wittering	462	91205	00454	29207	9////	07806	89/00		
Watnall	354	90708	01434	28807	9////	07810	89/00		
Shawbury	414	90607	04454	27208	9////	08712	89/00		
Finningley	360	91204	00476	29407	9////	07806	89/00		
Kilnsea	396	91606	00434	30307	9////	07400	89/00		
Leeming	257	90000	00474	29306	9////	06811	89/00		
Tynemouth	262	81410	58636	30009	8062/	09602	88530		
Carlisle	222	80706	32636	27808	854//	08806	82710	88645	
Valley	302	70911	66031	24110	7097/	06711	87462		
Ringway	334	70102	28041	27409	757//	06808	87650		
Squires Gate	318	71207	26102	26708	758//	07710	87657		
Ronaldsway	204	80813	13046	25210	863//	09615	83708	88709	
Mull of Galloway	131	90515	40636	25509	9////	07710	89///		
Eskdalemuir	162	80000	48632	28707	874//	07000	88710		
Prestwick	135	81205	45656	26708	2562/	08705	82634	88540	
Abbotsinch	140	80605	28602	27607	856//	06802	88645		
Leuchars	171	81311	62026	29108	853//	07302	81706	88620	
Dyce	091	81409	40586	30707	852//	06303	84704	86710	88616
Lerwick	005	82701	82038	31303	856//	01304	88634		
Wick	075	61508	80031	30606	656//	03802	82635	86650	
Sule Skerry	010	21105	82011	30206	25500	02701	82625		
Cape Wrath	049	20910	85030	28505	25500	01709	82625		
Stornoway	026	00811	82020	27905	00900	03712			
Benbecula	022	10506	82021	26602	15600	02713	81635		
Tiree	100	81310	60216	25209	853//	09710	83708	88612	
Aldergrove	917	80809	30616	24210	853//	08815	81708	84709	88650
Malin	980	81614	50505	23910	864//	09716	85711	88640	
Belmullet	976	31112	78011	20911	35700	09712	83650		
Birr	965	81104	66031	21811	864//	08707	85715	86630	
Dublin	969	61406	75011	22910	2563/	09715	82645	85364	
Shannon	962	31013	56101	19810	25701	09810	82656		
Roches Point	952	80914	56101	19911	863//	10706	88707		
Valentia	953	70914	70016	16513	3567/	10804	83630	87360	

OBSERVATIONS at 06h. 27 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	71211	59051	23607	50931	06716	85360	87075	
862	51007	62031	23410	20931	09512	82362	85070	
871	80908	56051	24710	855//	09708	82628	88650	
797	61010	37051	27110	00901	08611	86075		
776	70605	17104	25906	7093/	06712	87360		
775	60903	19054	25708	20932	07710	82364	86075	
772	70910	17284	25208	40932	08713	84362	87075	
586	91207	09434	27209	9////	09713	89/02		
590	80910	05424	27509	860//	09611	88700		
497	91214	00454	28109	9////	09710	89///		
502	71422	66021	19111	7093/	05821	87360		
627	92202	02474	23407	9////	07718	89/00		
628	61108	48051	22609	40931	06719	84360	85072	
715	70712	60031	22008	20932	07614	82360	87075	
707	61111	69031	20312	15734	09607	81656	86072	
827	71012	62031	19411	7097/	10819	87362		
817	71216	59032	18511	40932	11710	84360	86070	
804	71209	58216	18512	755//	11610	87625		
809	61107	56205	18711	4543/	10713	82714	84625	
894	41517	63011	21211	10932	09805	81365	84075	
534	71108	24104	25207	5623/	07814	85703	87362	
559	80709	08424	26008	861//	08814	88702		
462	91007	00454	27007	9////	07708	89/00		
354	90909	01434	26707	9////	07805	89/01		
414	80707	12284	24208	860//	07718	88701		
360	91403	00454	27407	9////	07707	89/01		
396	91415	01454	28408	9////	08712	89/00		
257	90000	03474	27808	9////	08610	89/00		
262	81716	48106	27609	856//	09713	88635		
222	80807	58026	25109	857//	07715	88650		
302	71311	74022	20511	7097/	08721	87464		
334	71008	56042	24809	757//	07814	87650		
318	71014	58036	24008	4583/	07716	84657	86360	
204	80713	15046	22509	862//	08817	84704	88705	
131	81120	60026	21809	856//	08718	88640		
162	80205	56216	25907	854//	07614	82710	88650	
135	80506	58616	23309	2552/	07717	81622	88550	
140	80809	50616	24408	4732/	08715	81708	83712	88542
171	81315	60616	26408	872//	08719	83704	88705	
091	81613	70026	27508	862//	07720	82705	85708	88710
005	12203	83021	28702	15600	01612	81630		
075	71811	60036	27208	763//	06718	87708		
010	31713	82011	26608	35500	05722	83625		
049	20905	83011	24706	25500	04712	82625		
026	21208	82011	23306	25600	05727	82630		
022	81109	70616	22107	854//	07728	84616	88627	
100	81422	58606	20609	853//	09725	84708	88613	
917	81108	22046	20710	852//	08721	81705	88657	
980	71520	50606	19010	764//	08825	87713		
976	81111	70216	16410	856//	09724	88645		
965	81310	62022	17311	864//	09723	88715		
969	51008	62031	19509	00902	08721	85070		
962	81115	62031	15511	854//	10721	82715	88625	
952	81114	56606	16111	873//	11716	88707		
953	80915	70022	12812	856//	10727	88630		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_GT_G	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00071	05	+	+
862	00101	06	+	+
871	00081	05	+	+
797	91081	05	+	+
776	91051	03	FF	if
775	97041	00	FFfFFf	ff
772	91071	05	Ff	ff
586	92071	06	FFf	ff
590	94071	07	FF	FFff
497	92091	04	FF	FFff
502	97101	08	+	ir_o
627	91061	04	FF	fiF
628	97071	05	+	r_o
715	97081	07	+	r_o
707	00111	10	+	+
827	97111	10	+	ir_o
817	00111	09	+	+
804	97111	11	+	ir_o
809	97101	06	+	id_o
894	00101	09	+	+
534	97071	04	Fff	f
559	00051	05	FF	FFf
462	97061	07	FF	FFf
354	92061	06	FF	FFff
414	00081	06	ff	ff
360	92071	07	FFf	FFf
396	02071		Fff	F
257	95061	06	r_oFF	Fff
262	95081	07	$ir_orrr_or_o$	r_or_o
222	07081	07	$Rrrr_or_o$	r_or_o
302	00081	05	+	+
334	00081	04	+	+
318	97071	05	r_o	+
204	97091	08	r_o	+
131	01081			
162	13071	05	ir_orrr_o	r_or_o
135	17081	06	d_or_orRRrr	rrr_or_o
140	10071	06	r_or_or	rrr_o
171	02071	07	r_or	rrr_o
091	01051	04	d_or_odrdr	+
005	00013	54	+	+
075	97051	01	ir_o	+
010	00050	00		
049	00041	01	+	+
026	00031	51	+	+
022	03011	51	+	$rrr_or_oir_o$
100	05071	06	ir_or	rR_rr_o
917	01092	08	r_o-$r_or_od_od_o$	+
980	01091	08		
976	97091	08		
965	00111	08		
969	97081	06		
962	97101	09		
952	93101	09		
953	97111	10		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70327	27004	12226	97020	22806	15600	00508	81632	/////	00104	10583	30508	/////
B	99565	70510	27003	83612	97022	29302	854//	00107	88615	/////	0//51	10403	30301	17905
C	99527	70353	27004	70227	98022	24206	785//	00622	82820	87640	0//03	10889	30706	/////
D	99439	70412	27003	10225	98021	21311	11400	00605	81818	/////	0//05	11622	30505	/////
E	99350	70480	27004	80921		12919	6847/	00303	82815	87362	0//12	12070	30604	/////
I	99591	70191	27004	80712	97022	29007	856//	00711	88630	/////	0//06	10879	30303	05705
J	99526	70201	27004	81025	96618	05012	5732/	00624	85708	88520	0//12	11231	30505	02009
K	99449	70136	27004	21919	97131	10014	22500	23234	82820	/////	0//11	11502	30804	17205
M	99660	10021	27004	82633	97022	12506	854//	61621	88615	/////	05204	10735	30909	00/00

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	27064	82218	97515	20005	7752/	51712	87725	/////	05005	10597	30406	/////
B	99565	70510	27063	80308	97022	27402	855//	00612	88625	/////	0//51	10386	30302	17803
C	99527	70355	27064	73638	98022	18806	785//	00725	83825	86640	0//03	10885	30707	/////
D	99440	70409	27063	20321	98020	19811	25500	00711	82630	/////	0//06	11585	30505	/////
E	99350	70480	27064	71024	98022	10718	78400	00620	83815	84635	0//12	12076	30603	/////
I	99591	70192	27064	81107	97022	23708	855//	00628	88620	/////	0//06	10907	30101	05705
J	99526	70203	27064	81125	97026	04712	855//	00307	88625	/////	0//12	11214	30505	04008
K														
M	99659	10017	27064	82630	96022	09706	854//	61712	88615	/////	05005	10708	30909	00/00

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H.M.S.O. Press, Met.O. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39818 — *Date of Issue* Saturday 28 November 1970

Code FM 11.D — OBSERVATIONS at 12h. — 27 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	71513	58052	21911	5543/	09811	81712	85657	87361
Hurn	862	51111	50051	21812	45431	10811	81712	83650	
Thorney Island	871	61310	56051	23212	25782	10810	82650	83068	
Manston	797	41411	42141	25109	10983	07818	81364	83075	
Gatwick	776	71308	50052	23211	25872	08820	82657	85359	87070
Kew	775	51203	23042	22811	40932	07820	84366	83075	
Heathrow	772	61408	45052	22911	30931	08818	83365	86075	
Honington	586	51213	30054	24412	10932	09826	81364	85072	
Wattisham	590	51416	44054	24611	10932	09824	81362	85075	
Gorleston	497	91116	02454	26009	9////	09717	89///		
Aberporth	502	41523	58056	18511	25731	08007	82650		
Ross-on-Wye	627	70908	48802	20109	70971	09722	87358		
Filton	628	81008	56606	21310	6557/	08807	82625	86640	88359
Rhoose	715	81008	57216	21211	873//	09503	88708		
Chivenor	707	61008	61026	20413	25471	11003	82615	85365	85075
Mount Batten	827	31008	62016	20813	21431	11003	82816	83360	
St. Mawgan	817	61615	56021	19713	36341	12005	81707	83710	
Scilly	804	71714	48031	18912	755//	12106	87620		
Culdrose	809	31809	60011	19314	18531	12001	81820		
Guernsey	894	71819	56052	21611	55232	09801	82705	85650	85360
Elmdon	534	71408	40042	22710	35772	08715	83650	87364	
Cardington	559	60905	40054	23211	40932	09718	84360	85075	
Wittering	462	71110	10284	23910	16282	10724	81703	85360	85072
Watnall	354	70911	14104	23109	16271	09726	81705	83360	86075
Shawbury	414	71110	34602	21610	60982	07713	86362	86070	
Finningley	360	81310	19284	24309	862//	09721	88705		
Kilnsea	396	81420	03424	26508	861//	08714	88702		
Leeming	257	81607	19104	24909	862//	08720	88703		
Tynemouth	262	81614	37102	25109	856//	09717	88635		
Carlisle	222	70709	69022	21710	50972	08724	81359	85363	86072
Valley	302	71714	74022	18613	15782	08706	81656	86359	
Ringway	334	71408	58032	21912	20938	06819	82362	87275	
Squires Gate	318	71415	57042	20711	15772	08721	81656	85363	86072
Ronaldsway	204	71115	45602	19510	4737/	08713	84706	87360	
Mull of Galloway	131	71428	64022	16610	30932	08839	83365	87080	
Eskdalemuir	162	40708	66011	22009	15442	07826	81715	83069	
Prestwick	135	71316	63026	19511	18472	08826	81818	83359	86075
Abbotsinch	140	70707	33046	20909	5577/	08725	85650	87362	
Leuchars	171	71509	44056	23409	7633/	08818	85706	84656	
Dyce	091	81410	30515	25308	872//	07811	84703	88704	
Lerwick	005	71912	82031	25606	756//	04721	83630	87640	
Wick	075	71712	58052	24108	753//	07722	83707	84709	86615
Sule Skerry	010	71413	74031	22309	764//	07722	87712		
Cape Wrath	049	31410	83011	19908	15502	06731	81625		
Stornoway	026	71206	62606	19709	754//	08721	82710	84622	87630
Benbecula	022	81511	66616	17710	6547/	09724	81710	84618	85630
Tiree	100	61522	60046	17111	50972	09721	81359	85365	
Aldergrove	917	71211	30042	17309	4547/	08719	82710	83650	87359
Malin	980	71517	40106	16110	3547/	08714	81718	83650	87359
Belmullet	976	81207	58616	13111	4542/	10715	81718	83645	88458
Birr	965	81309	56605	15012	7747/	11706	87710	88458	
Dublin	969	71713	56106	17312	764//	10708	84712	86640	
Shannon	962	71416	61216	13012	763//	11812	82708	85713	86625
Roches Point	952	81515	44106	14911	863//	11802	88706		
Valentia	953	71714	62028	12113	764//	12000	87712		

OBSERVATIONS at 18h. — 27 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	81508	25102	20710	861//	09506	88702		
862	81503	40102	20710	5547/	09502	83711	84640	88359
871	31004	16101	21009	10932	09610	81360	83072	
797	71511	46051	22409	2567/	07710	82640	84362	85365
776	61004	30102	21608	26432	07706	82712	86070	
775	81304	37052	21110	864//	08608	85710	88712	
772	71506	35102	20910	764//	08704	87712		
586	61211	23052	21509	30972	07820	83360	86075	
590	71510	23051	22008	60932	07714	86362	87075	
497	51313	22054	22510	55400	09711	85614		
502	21517	50051	17011	16431	09002	81715		
627	82003	24058	19510	863//	09603	88708		
628	61104	32056	19810	56401	08503	85710	85075	
715	81010	56106	19311	863//	10503	82707	88709	
707	51009	56031	17810	26436	10805	82710	84075	
827	71011	32101	18611	656/2	11606	86643	87070	
817	81413	56032	17313	853//	11709	83708	88628	
804	81615	48626	15412	854//	12714	85711	88623	
809	71808	58051	17313	755//	12707	87622		
894	51512	30051	19911	30932	10609	83360	85075	
534	80000	15106	21007	863//	06210	88709		
559	61506	17106	21008	2563/	08509	82640	86360	
462	51309	37046	20808	50930	07614	85360		
354	60000	11116	20508	20932	08710	82365	86072	
414	80302	28046	19709	864//	08301	88710		
360	81505	28606	20909	853//	09506	83707	85712	88615
396	61718	16286	21109	4611/	09709	84702	86458	
257	81709	17106	21009	862//	08510	87704	88705	
262	81617	58022	20509	855//	09719	88625		
222	71408	61216	18810	2567/	07611	82648	86462	
302	81611	61036	17312	864//	09701	88712		
334	81406	30046	19310	864//	07709	88711		
318	51108	26106	19108	25730	08701	82650	84359	
204	81111	28046	17010	854//	09810	81712	88614	
131	81414	32054	15709	863//	08706	88708		
162	60000	61016	19106	6097/	04612	84359	84465	
135	81508	57042	16710	855//	07714	83624	85632	88645
140	70707	28048	17310	755//	07712	82625	87635	
171	81211	37212	18909	862//	08714	84704	88706	
091	81616	20515	20008	871//	08823	82702	88703	
005	81914	62205	20107	863//	07726	88706		
075	81720	50052	18709	863//	07625	88708		
010	81519	58032	17409	864//	06722	88710		
049	61406	83032	15810	3557/	06723	83625	84360	
026	81209	80036	15010	856//	08713	85630	88656	
022	81514	66026	13810	854//	09716	84615	88620	
100	81325	60606	13410	854//	09716	84710	88616	
917	81511	50606	14610	862//	09707	82703	88705	
980	61622	50102	12511	656//	09616	84630	83650	
976	51507	66016	09910	564//	09608	83719	83635	
965	71408	75216	12612	764//	10705	85714	86636	
969	81511	40102	14611	862//	11507	83703	83707	88645
962	61312	70805	10812	58432	11813	83818	83636	
952	91310	03476	12511	9////	11808	89/00		
953	81610	60505	09712	863//	11712	88707		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00111	004	+	ff
862	00131	027	+	+
871	00121	020	+	f
797	00111		jp	jp
776	00121	011	+	if-ff-F
775	00121	005	+	+
772	00121	007	+	+
586	00121		ff	+
590	00121	022	ff	+
497	00101	008	ff	+
502	97121	026	+	ir
627	91111	000	pr$_o$	+
628	94111	000	ir$_o$	+
715	92121	008	r$_o$	r$_o$f
707	97141	030	ir$_o$	r$_o$
827	97111	035	ir$_o$	ir$_o$
817	01141	021	+	irr$_o$r$_o$
804	03132	004	+	rrr$_o$r$_o$
809	01151	026	+	irr$_o$r$_o$ir$_o$
894	00111	005	+	+
534	94111	000	r$_o$r	+
559	97121	011	r$_o$	r$_o$f
462	97111	001	ff	r$_o$
354	97111	000	ffr$_o$	r$_o$
414	97101	000	ir$_o$	+
360	97101	000	ff	r$_o$f
396	92091	000	FffFff	ffir$_o$
257	97091	000	ff	ir$_o$f
262	00091	000	+	+
222	93111	000	r$_o$	r$_o$r
302	97131	007	ir$_o$	+
334	97131	011	r$_o$	+
318	91111	003	r$_o$r$_o$	+
204	97111	005	r$_o$	+
131	00101			
162	91111	012	r$_o$	r$_o$
135	00111	000	+	+
140	97111	000	+	pr$_o$ir$_o$id$_o$r$_o$
171	01091	001	+	rr$_o$
091	91091	000	d$_o$d$_o$id$_o$	id$_o$d$_o$d$_o$ir$_o$
005	97071	008	+	id$_o$d$_o$d$_o$
075	00091	000	+	+
010	00090			
049	00111	016	+	+
026	01101	000	ir$_o$r$_o$r$_o$	+
022	04111	000	Rr$_o$r$_o$	id$_o$ir$_o$
100	01111	002	ir$_o$	ir$_o$rr$_o$
917	01111	001	r$_o$	r$_o$r$_o$
980	9711	007		
976	0211	000		
965	0113	000		
969	9712	001		
962	0113	005		
952	0112	000		
953	0213	000		

Code FM 21.D — OCEAN WEATHER STATION REPORTS at 12h.

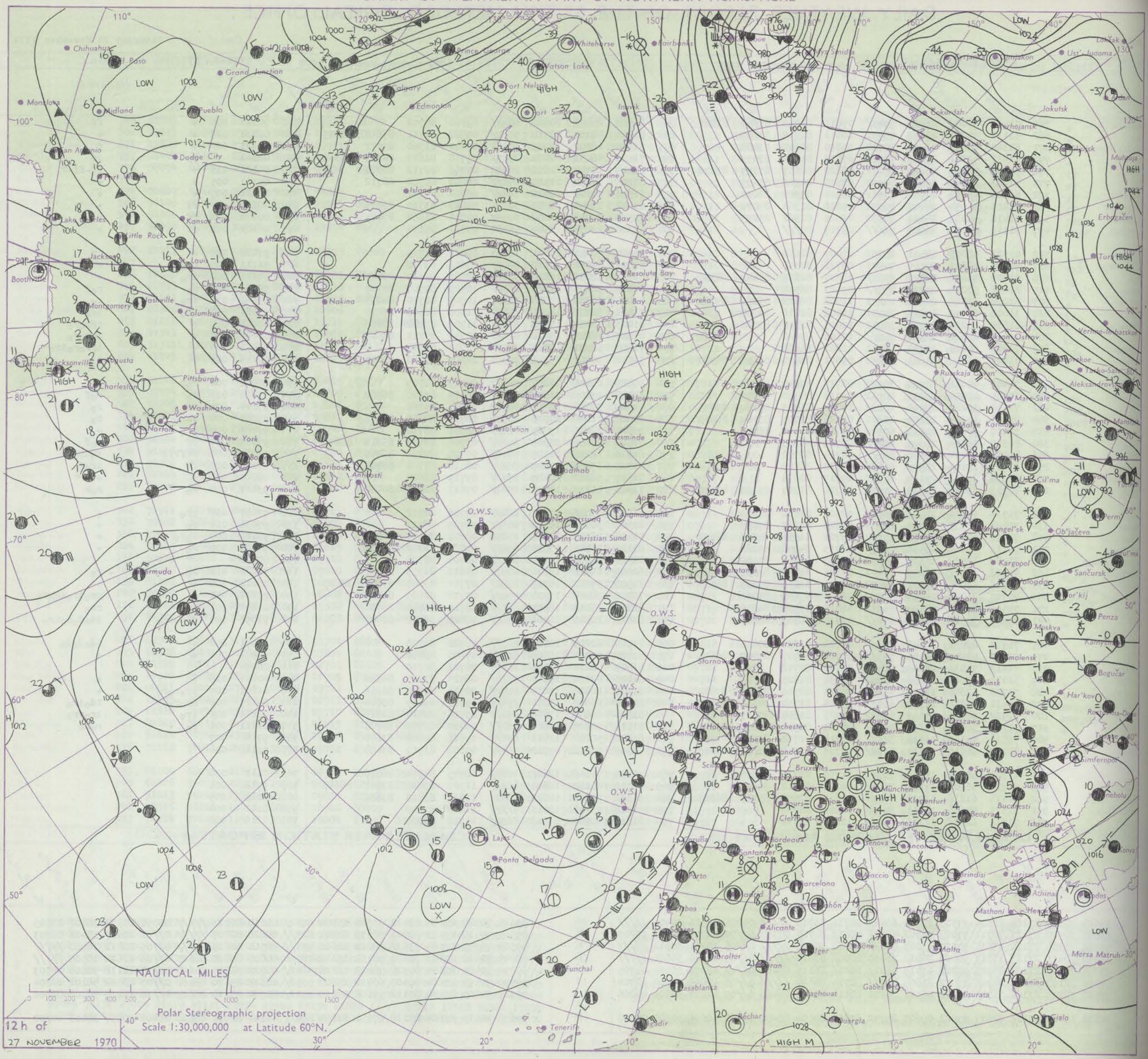
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70329	27124	82616	97505	17705	6742/	00711	86715	/////	00004	10586	30404	/////
B	99565	70510	27123	70711	97028	25902	4737/	00812	84709	87357	0//50	10393	30402	99/03
C	99528	70350	27124	83636	97022	17007	854//	00712	88610	/////	0//06	10791	30911	/////
D	99440	70411	27123	33617	98028	20012	31400	00002	83818	/////	0//05	11580	30605	/////
E	99350	70480	27124	80929	98022	13419	6541/	00218	86615	88462	0//12	12071	30604	04705
I	99590	70193	27124	80706	97022	21607	855//	00714	88620	/////	0//05	10890	30100	12704
J	99527	70203	27124	71705	98012	08511	35672	00114	83640	84460	0//09	11227	30201	04006
K														
M	99660	10013	27124	72627	97022	09607	25772	61802	82650	86460	00006	10691	30805	28008

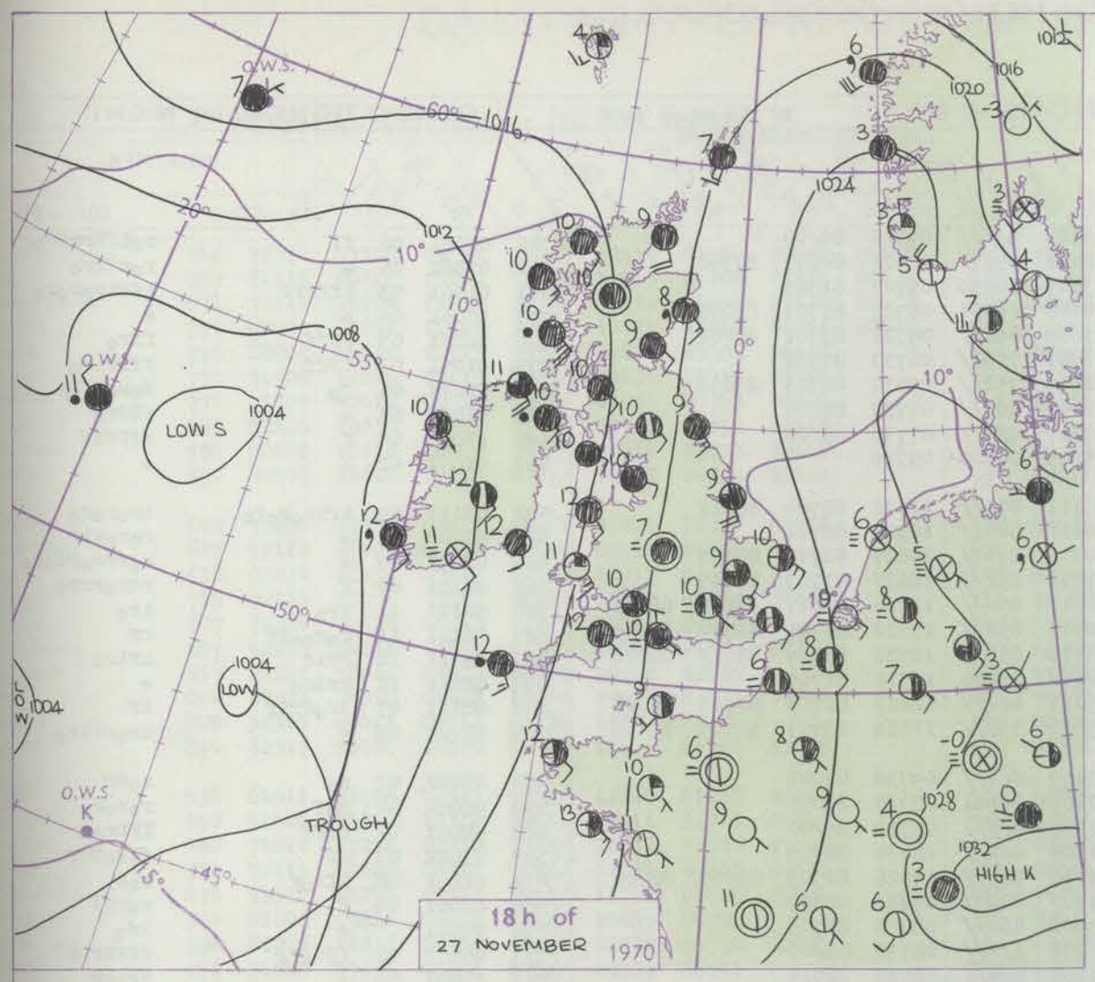
OCEAN WEATHER STATION REPORTS at 18h.

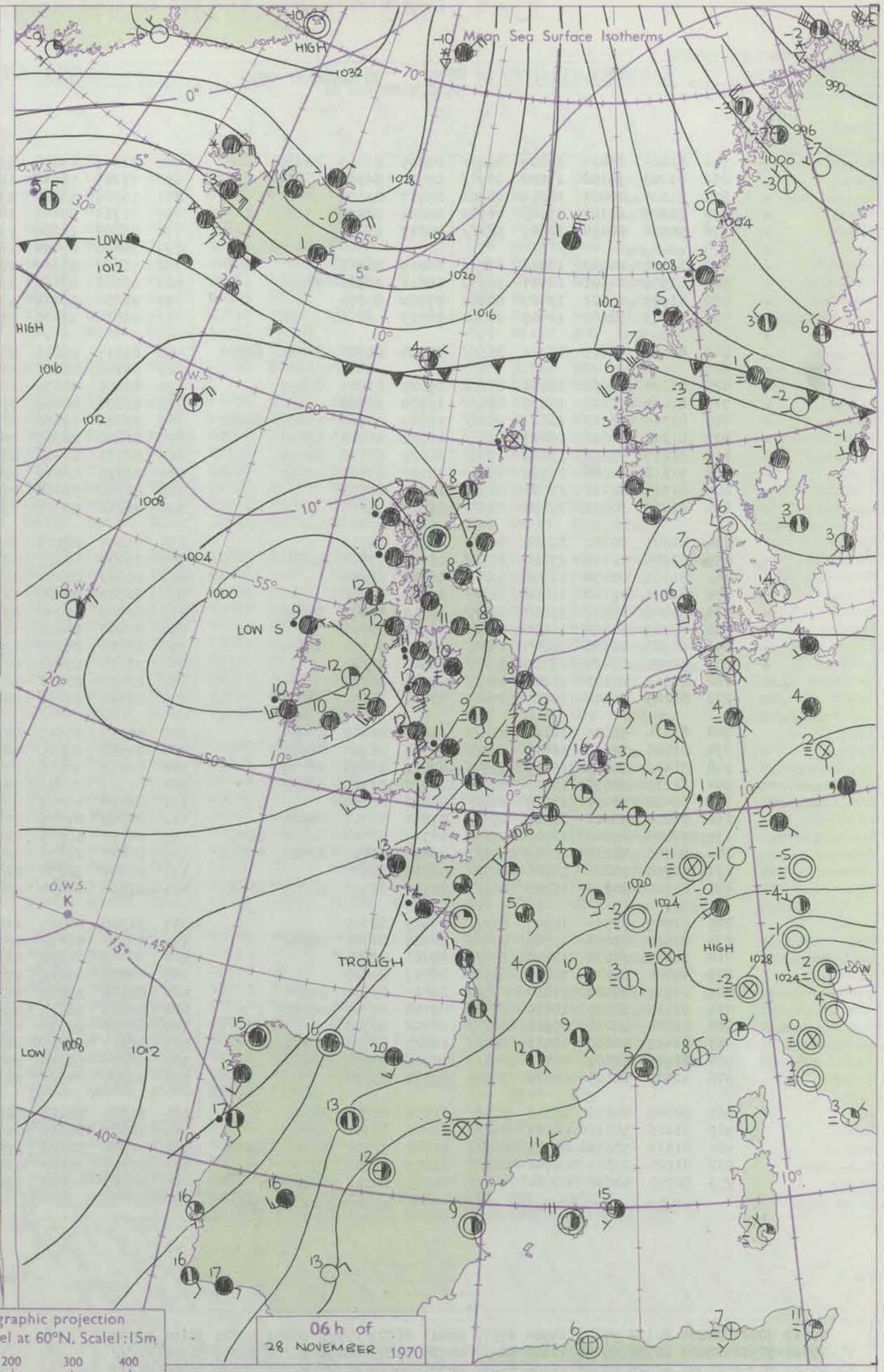
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70328	27184	83412	96616	15504	6752/	00610	86723	/////	05350	10572	30101	23505
B	99565	70510	27183	80921	96838	21801	823//	00828	88807	/////	0//01	10407	30402	06703
C	99528	70355	27184	73632	98022	16606	754//	00500	88615	/////	0//05	10812	30910	/////
D	99441	70411	27183	70621	98152	19012	78500	00805	83820	86625	0//06	11622	30505	/////
E	99350	70480	27184	80925	98022	10818	5842/	00722	81815	84640	0//15	12118	30806	04503
I	99590	70194	27184	80407	97012	16607	5552/	00618	85620	88466	0//03	10882	30101	12804
J	99527	70205	27184	83112	97606	07010	6542/	00702	83710	86625	0//10	11218	30302	08806
K														
M	99658	10015	27184	83118	97252	11004	894//	61304	82915	88620	05404	10657	30006	00/00

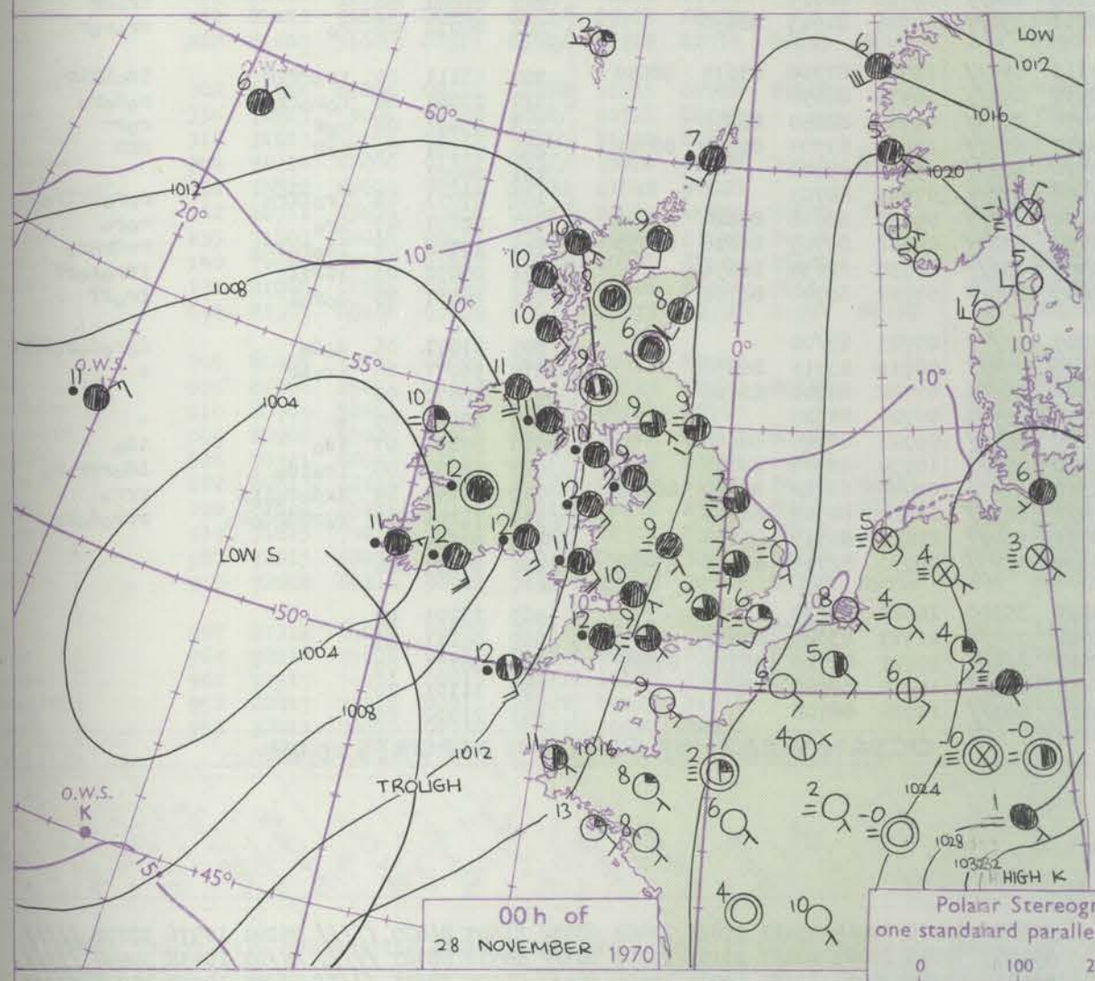
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Chihuahua
El Paso
Midland
Pueblo
Grand Junction
Salt Lake City
Billings
Calgary
Edmonton
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fairbanks
Inuvik
Coppermine
Sachs Harbour
Cambridge Bay
Resolute Bay
Eureka
Arctic Bay
Thule
Upernavik
Clyde
Cape Dyer
Nottingham Island
Churchill
Winisk
Island Falls
Winnipeg
Fort Smith
Fort Simpson
Yellowknife
Baker Lake
Rankin Inlet
Repulse Bay
Fort Chimo
Goose
Hopedale
Nain
Cape Dorset
Frobisher
Port Harrison
Great Whale River
Moosonee
Nakina
Dodge City
Kansas City
Minneapolis
Chicago
Columbus
Pittsburgh
Washington
Norfolk
New York
Ottawa
Montreal
Caribou
Yarmouth
Sable Island
Bermuda
Gander
Cape Race
Argentia
Stephenville
Port aux Basques
Antigonish
Boothville
Jackson
Little Rock
Louisville
Nashville
Montgomery
Tampa
Jacksonville
Augusta
Charleston
Atlanta
Fort Worth
San Antonio
Abilene
Amarillo
Bismarck
Rapid City
Denver
Monclova
Prince Rupert
Whitehorse
Dawson
Mayo
Aklavik
Tuktoyaktuk
Barrow
Kotzebue
Nome
Anadyr'
Tiksi
Ostrov Zelenovskij
Ostrov Kotel'nyj
Ostrov Bennett
Ostrov Vrangelja
Ostrov Medvežij
Ostrov Kolgujev
Ostrov Dikson
Ostrov Belyj
Ostrov Sibirjakova
Ostrov Uedineniya
Ostrov Sverdrupa
Ostrov Vize
Ostrov Kil'din
Ostrov Kolguev
Ostrov Kil'dinskij
Ostrov Kanin







Polaar Stereographic projection
one standaard parallel at 60°N. Scale1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 28November 1970

Pressure remains high over central Europe but the associated ridge whidch yesterday extended northwestwards to the Faeroes has now declined as a trough of low pressure has moved south from Iceland. The area of low pressure from western Eire to the Azores has remained complex and nearly stationary. Associated troughs of low pressure have continued to cross western districts of the British Isles. During the next 24 hours little general change in the synoptic pattern is expected in the vicinity of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. — 28 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81206	05424	17209	860//	09725	86700	88701	
Hurn	862	61203	30102	17209	6097/	09721	86360		
Thorney Island	871	21005	00461	18609	00901	09717	82075		
Manston	797	21908	23101	19606	00901	06624	82077		
Gatwick	776	90904	00454	18805	9////	05819	89///		
Kew	775								
Heathrow	772	61104	20042	17809	657//	08819	86656		
Honington	586	61906	14101	18907	30932	06616	83365	85075	
Wattisham	590	41909	17101	19007	00902	07720	84075		
Gorleston	497	01803	32101	18709	00900	08723			
Aberporth	502	81419	48611	12311	853//	11724	82706	84712	88638
Ross-on-Wye	627								
Filton	628	81204	23052	16010	852//	09825	83705	88657	
Rhoose	715	81009	12104	15710	861//	10720	88702		
Chivenor	707	81316	48216	13612	6537/	11727	82706	86650	88460
Mount Batten	827	81212	37616	15012	854//	12721	84710	88630	
St. Mawgan	817	81617	58606	13412	2742/	12622	82712	88556	
Scilly	804	71618	61606	10912	754//	12727	83711	87621	
Culdrose	809	81715	62216	13212	863//	11722	88708		
Guernsey	894	31513	30051	17210	00902	09818	83075		
Elmdon	534	81605	20102	16509	862//	08726	88703		
Cardington	559	81706	14106	17909	853//	08719	83706	88644	
Wittering	462	91505	00474	17706	9////	06720	89/00		
Watnall	354	81802	17102	17208	863//	07722	88706		
Shawbury	414	81205	09602	15810	860//	09719	84701	88702	
Finningley	360	81703	14104	16908	864//	08720	88710		
Kilnsea	396	62310	32106	18007	1621/	07727	81704	86460	
Leeming	257	91404	05434	16409	9////	08825	89/00		
Tynemouth	262	61912	32102	15809	664//	08730	86715		
Carlisle	222	61206	56042	14809	45602	07819	84642	86072	
Valley	302	81314	58616	12112	854//	11826	85616	88650	
Ringway	334	81506	25602	16009	852//	08724	86704	88656	
Squires Gate	318	81412	30631	15409	3577/	09622	83656	88459	
Ronaldsway	204	81215	28636	12710	852//	10727	81704	88618	
Mull of Galloway	131	81422	48052	11009	864//	08838	88710		
Eskdalemuir	162	80000	56211	15307	854//	07820	86711	88617	
Prestwick	135	70000	45042	12709	5543/	08723	81712	84650	86360
Abbotsinch	140	80706	28216	13409	854//	08824	81715	83620	87626
Leuchars	171	80000	10286	14806	855//	06716	88623		
Dyce	091	81910	20106	15308	861//	07721	82702	86703	88705
Lerwick	005	81909	37515	15807	872//	07725	88705		
Wick	075	81808	59056	13709	854//	08726	84712	88630	
Sule Skerry	010	61609	74031	12809	655//	08721	86620		
Cape Wrath	049	40000	82011	12710	45500	06717	84625		
Stornoway	026	81403	70022	11910	855//	08815	85624	88635	
Benbecula	022	81515	58215	10610	863//	09718	86707	88710	
Tiree	100	81520	50216	09910	862//	10722	88703		
Aldergrove	917	81413	40606	10311	862//	10727	86703	88705	
Malin	980	81720	60105	08511	856//	10728	83630	88650	
Belmullet	976	31507	62105	05410	36500	09731	83721		
Birr	965	80000	60636	05312	5742/	11850	85712	88458	
Dublin	969	81416	50615	08611	860//	11841	86701	86702	
Shannon	962	81010	58636	05011	863//	11741	82708	84713	88640
Roches Point	952	81624	25614	04712	862//	11647	84703	88706	
Valentia	953	80705	58635	03511	4642/	10739	84712	88530	

OBSERVATIONS at 06h. — 28 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	91511	03474	12109	9////	09724	89/00		
Hurn	862	71205	56031	12411	4567/	10621	84647	87360	
Thorney Island	871	10906	02464	13609	10930	09727	81363		
Manston	797	31714	20101	14208	16201	08727	81703	83075	
Gatwick	776	81606	16284	13609	860//	09721	83701	88702	
Kew	775	70000	07424	12707	7093/	06733	87362		
Heathrow	772	71607	25104	12609	752//	09630	86703	87650	
Honington	586	81508	02464	13007	860//	07730	88700		
Wattisham	590	91610	00454	13307	9////	07730	89/00		
Gorleston	497	01510	32100	13209	00900	09729			
Aberporth	502	81617	56616	06312	872//	11722	82704	88712	
Ross-on-Wye	627	82106	48616	10111	8042/	10722	88510		
Filton	628	81806	40636	10311	2742/	10627	82710	88532	
Rhoose	715	81208	40606	09711	852//	10625	83703	88647	
Chivenor	707	81512	59026	08713	854//	12724	83617	86630	88650
Mount Batten	827	81820	28606	10013	852//	13722	84705	86709	88615
St. Mawgan	817	82115	56026	08713	853//	12721	83707	85712	88622
Scilly	804	22116	48016	08912	25200	11710	81705		
Culdrose	809	82118	56026	09012	862//	12617	82703	84705	88708
Guernsey	894	71812	40626	13812	752//	11513	83703	85706	87656
Elmdon	534	71708	28106	10409	761//	09738	87702		
Cardington	559	31707	40101	12409	00901	08727	83075		
Wittering	462	90802	00454	12107	9////	07730	89/00		
Watnall	354	81307	05424	11108	862//	08734	88703		
Shawbury	414	81309	17046	09410	862//	09726	82703	83705	88706
Finningley	360	81706	14104	11107	8093/	07732	88359		
Kilnsea	396	81710	24102	13908	862//	08728	88705		
Leeming	257	91610	00476	09908	9////	08738	89/00		
Tynemouth	262	81607	23102	10108	864//	08732	88715		
Carlisle	222	81412	62216	06711	856//	10746	84643	88650	
Valley	302	81727	58616	05112	854//	11726	82710	83614	88650
Ringway	334	81512	60606	08512	857//	08535	88656		
Squires Gate	318	81515	40106	07410	2577/	09740	82650	88358	
Ronaldsway	204	81313	25586	05311	872//	10629	83704	85708	88711
Mull of Galloway	131	81414	48406	03510	863//	09725	88706		
Eskdalemuir	162	80203	07634	07608	872//	07639	88705		
Prestwick	135	81111	59216	04909	854//	09739	82618	85624	88640
Abbotsinch	140	80811	25636	06108	4522/	08742	81705	84618	88550
Leuchars	171	80707	32634	08408	856//	08736	82634	88656	
Dyce	091	81902	06604	10007	870//	07722	83700	88701	
Lerwick	005	91306	00585	11007	9////	07723	89/00		
Wick	075	71905	56102	08908	754//	08719	83715	86630	
Sule Skerry	010	30000	64021	08508	36400	07722	82710	83615	
Cape Wrath	049	40902	82011	07310	45500	06727	84625		
Stornoway	026	80710	62025	07109	854//	09721	82710	88626	
Benbecula	022	81006	56635	05210	853//	10730	83707	88615	
Tiree	100	80919	60636	02310	6542/	09747	82712	85629	88550
Aldergrove	917	81615	59216	01412	863//	11734	84707	88710	
Malin	980	71620	66216	99012	764//	10655	85717	85640	
Belmullet	976	80704	64606	98609	7547/	09730	82719	87636	87458
Birr	965	31809	70016	00212	35600	10620	83630		
Dublin	969	71607	66215	01812	755//	11727	83625	87657	
Shannon	962	81706	59216	99210	864//	10721	82710	85715	87625
Roches Point	952	81717	35108	01611	863//	10715	85709	88640	
Valentia	953	82513	40636	99610	863//	10714	88708		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	05081	08	ff	roifRrriro
Hurn	862	07082	05	+	roRrro
Thorney Island	871	01061	03	ifffFF	ifFirororo
Manston	797	97061	04	+	+
Gatwick	776	92051	03	FFff	ffro
Kew	775	91051	03	fFff	ffFFiro
Heathrow	772	91071	05	if	foro ifr
Honington	586	91061	03	+	fFFro
Wattisham	590	97051	04	f	ffFFff
Gorleston	497	91071	02	+	+
Aberporth	502	03111	09	irirororo	irororo
Ross-on-Wye	627	07102	07	+	rororiR
Filton	628	08091	09	+	roRRrordoro
Rhoose	715	02101	09	f	rRrorrro
Chivenor	707	92111	11	iro	iro
Mount Batten	827	06121	11	roro-rr	rr
St. Mawgan	817	03111	10	rrir	iriro
Scilly	804	02111	11	rriro	+
Culdrose	809	02111	07	irorrir	ir
Guernsey	894	02101	09	+	irorriro
Elmdon	534	03082	07	ro	roRr
Cardington	559	96062	04	rof	roror
Wittering	462	92051	02	fFFf	FFfror
Watnall	354	03072	07	ff	ffroRrr
Shawbury	414	01091	08	ifror	ror
Finningley	360	02061	04	f	rorff
Kilnsea	396	97061		+	iro
Leeming	257	04072	07	ffroro	ffFFrRR
Tynemouth	262	01081	06	+	irorr
Carlisle	222	04072	06	ro	rroror
Valley	302	13111	10	irorriR	iroiRir
Ringway	334	03081	08	rororro	rodoro
Squires Gate	318	05091	04	roR	roro
Ronaldsway	204	11101	09	rrR	RDR
Mull of Galloway	131	04091			
Eskdalemuir	162	07051	03	iroffro	rororrfrorro
Prestwick	135	02091	07	iro	roro
Abbotsinch	140	10082	07	idoroiro	rrRroro
Leuchars	171	05052	03	ifFff	ffrororR
Dyce	091	96061	05	dorof	froff
Lerwick	005	01071	06	dodo	dorodoroFFrr
Wick	075	96071	04	iroir	+
Sule Skerry	010	00070	00		
Cape Wrath	049	00081	05	+	+
Stornoway	026	97091	07	ido	ido
Benbecula	022	06092	08	iroido	idorrroro
Tiree	100	07101	09	drdoroiro	rrro
Aldergrove	917	11101	10	rorRdrdoro	rRrodoro
Malin	980	07101	09		
Belmullet	976	97091	06		
Birr	965	13101	09		
Dublin	969	06111	09		
Shannon	962	06101	09		
Roches Point	952	11101	10		
Valentia	953	21092	09		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70327	28004	80112	97026	14904	6757/	00811	86723	/////	05401	10621	30101	23503
B	99565	70510	28003	80930	97258	18201	884//	00725	83815	88630	0//00	10396	30504	/////
C	99527	70356	28004	83626	97025	18406	854//	00301	88615	/////	0//05	10900	30909	/////
D	99439	70409	28003	83522	97808	21212	885//	00112	84825	88635	0//08	11598	30506	/////
E	99350	70483	28004	81032	97022	14219	6842/	00126	82815	86640	0//13	12080	30807	/////
I	99590	70193	28004	80312	97022	13506	855//	21823	88620	/////	0//03	10893	30202	12804
J	99527	70205	28004	80313	97616	06511	6732/	00802	86708	88518	0//11	11200	30303	08806
K														
M	99662	10013	28004	83618	97028	13702	855//	81308	88620	/////	05852	10675	30604	31903

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70320	28064	73415	97026	13404	6857/	61607	86827	/////	05201	10576	30202	/////
B	99565	70513	28063	80427	9610/	14302	863//	00518	88707	/////	0//02	10438	30505	/////
C	99523	70355	28064	83622	98022	19606	854//	00104	88615	/////	0//05	10797	30808	/////
D	99441	70410	28063	83522	98028	22113	885//	00302	83825	88635	0//07	11602	30506	/////
E	99350	70480	28064	81028	97032	15019	3841/	00103	82815	88462	0//12	12083	30705	99/06
I	99589	70190	28064	30319	97021	09306	35400	00618	81712	83618	0//03	10899	30504	12804
J	99526	70205	28064	40217	98016	06709	45500	00305	84625	/////	0//06	11178	30404	08806
K														
M	99658	10018	28064	80123	98028	14801	884//	81302	83815	88620	06154	10670	30605	00/00

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39819 — Date of Issue: Sunday 29 November 1970

OBSERVATIONS at 12h. — 28 November 1970

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	72314	57216	09113	75232	12719	81704	83708	85070
Hurn	862	72115	60216	10213	783//	12513	84708	83815	87635
Thorney Island	871	72111	56604	11012	6532/	12819	85708	85620	87458
Manston	797	82010	40051	11411	3567/	10819	83640	84358	88460
Gatwick	776	82006	40216	10513	853//	12828	83708	88613	
Kew	775	71905	56214	09213	5743/	12834	84712	86358	
Heathrow	772	71709	40016	09313	754//	11834	84712	86624	
Honington	586	82110	19634	10309	6572/	09515	86650	88458	
Wattisham	590	82208	10616	10809	852//	09614	83703	88640	
Gorleston	497	82007	28606	10110	8097/	09723	84360	88461	
Aberporth	502	71820	62256	03511	584/1	09820	82712	83818	
Ross-on-Wye	627	52112	66026	06114	52500	09721	85825		
Filton	628	62214	66056	07515	62530	10717	86820		
Rhoose	715	72115	75036	07313	78430	09812	84819	84640	
Chivenor	707	72320	74036	08213	725/1	09805	87822		
Mount Batten	827	52220	64016	09812	52300	10805	81709	85815	
St. Mawgan	817	22215	78011	09613	28401	09202	82815		
Scilly	804	22314	74020	09912	18502	09208	81821		
Culdrose	809	32315	69011	09512	28430	11302	81816		
Guernsey	894	62317	70036	12613	58402	12706	81710	83818	
Elmdon	534	61911	62016	06313	5633/	12827	81708	85711	
Cardington	559	41610	35216	10312	35431	11516	81713	83640	
Wittering	462	71812	17216	07810	7727/	10832	83703	87704	
Watnall	354	72115	40586	06411	752//	11831	86703	87630	
Shawbury	414	71510	62256	05013	7843/	11721	81816	85824	
Finningley	360	81606	09216	06010	871//	10829	88702		
Kilnsea	396	81916	16216	08508	4647/	08722	84710	88460	
Leeming	257	81608	07466	05208	870//	08730	88701		
Tynemouth	262	82012	11636	04809	8052/	09728	88525		
Carlisle	222	81607	56626	02311	6542/	11728	82715	86635	88460
Valley	302	61926	66256	02111	52302	10815	82708	85818	
Ringway	334	71815	59026	04512	6648/	10728	86710		
Squires Gate	318	31613	40056	03712	38500	11720	82825		
Ronaldsway	204	71714	62806	01312	783//	10820	81708	84714	87638
Mull of Galloway	131	31822	64014	99511	22502	11812	82820		
Eskdalemuir	162	81711	23626	02810	872//	09621	85703	88710	
Prestwick	135	71607	58016	00513	784/2	10819	83618	84624	
Abbotsinch	140	71509	58046	01012	754/2	10621	82713	86624	
Leuchars	171	81005	14656	02209	6722/	08726	86705	88550	
Dyce	091	81307	08466	03409	860//	08833	82700	87701	88702
Lerwick	005	80809	32506	08007	860//	07717	88701		
Wick	075	81406	25612	04509	853//	08723	87706	88630	
Sule Skerry	010	80709	58601	04109	874//	08724	88710		
Cape Wrath	049	80908	81025	02308	1552/	07724	81625	88460	
Stornoway	026	70711	66022	01109	755//	09729	83624	87630	
Benbecula	022	80613	32616	99009	852//	09727	81705	84707	86615
Tiree	100	81415	65216	97111	7541/	11715	85710	87620	88458
Aldergrove	917	71813	70036	98411	784//	08715	83818	86632	
Malin	980	72015	83038	97111	584/2	09609	83817	84645	
Belmullet	976	72608	64216	98011	763//	10302	82708	85715	85635
Birr	965	82312	64615	99610	7647/	09302	87713	88458	
Dublin	969	72014	75606	98812	785//	08723	83820	86630	
Shannon	962	72517	74016	00812	784//	10120	83710	85635	
Roches Point	952	22417	75218	02911	18402	09015	81816		
Valentia	953	32411	80026	02712	28502	10007	82820		

OBSERVATIONS at 18h. — 28 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	72504	62032	07709	1567/	08709	81635	87360	
Hurn	862	82008	58032	07611	8097/	09614	88360		
Thorney Island	871	82008	59026	08910	3442/	10713	83614	88460	
Manston	797	72110	60032	09010	15438	10813	81618	87275	
Gatwick	776	81802	56106	08610	3642/	09707	83712	88468	
Kew	775	72204	62022	07511	50932	08709	85362	87075	
Heathrow	772	72211	65036	07011	60932	09812	86368	87075	
Honington	586	62210	48056	06910	00902	09709	86070		
Wattisham	590	62108	23106	07510	35402	09610	83615	86070	
Gorleston	497	42011	36106	07211	40910	11703	84460		
Aberporth	502	62012	64018	05209	28431	07103	82816	85360	
Ross-on-Wye	627								
Filton	628	82309	66032	06810	15607	06806	81645	88270	
Rhoose	715	72408	64022	06910	55478	08705	85616	87272	
Chivenor	707	51905	74012	07110	15538	09608	81625	83070	
Mount Batten	827	62205	66012	07711	655//	10712	86623		
St. Mawgan	817	71606	62101	07410	4637/	09816	84709	87360	
Scilly	804	70000	74022	06710	4557/	09726	84626	87360	
Culdrose	809	82302	60031	07510	5532/	10716	83707	85618	88460
Guernsey	894	82206	64602	09711	853//	10611	82708	88656	
Elmdon	534	52308	66038	05810	25506	07305	82626	84272	
Cardington	559	72110	62036	06810	15532	09400	81625	83362	86075
Wittering	462	62113	80031	05510	30931	07000	83360	86075	
Watnall	354	52311	61016	04810	55600	07302	85633		
Shawbury	414	71913	80022	04711	784//	07211	82818	86622	
Finningley	360	72116	80024	02712	756//	07809	87633		
Kilnsea	396	42320	59036	04010	40970	09716	84360		
Leeming	257	72213	82024	01011	785//	08611	85822	86640	
Tynemouth	262	62005	32108	00109	655//	09713	86625		
Carlisle	222	81907	48588	99310	854//	09612	85711	88616	
Valley	302	42225	66028	01811	45600	09012	84635		
Ringway	334	72115	70028	03311	754//	07306	85617	87625	
Squires Gate	318	72317	70038	02310	755//	09308	84620	87636	
Ronaldsway	204	52323	68258	00111	48402	09314	81710	83815	
Mull of Galloway	131	72022	82038	98009	755//	08206	87625		
Eskdalemuir	162	81913	40816	98609	894//	08711	82710	88920	
Prestwick	135	72004	65018	98010	684/2	09603	83814	85623	
Abbotsinch	140	81706	60808	97910	884//	08708	81713	84822	88640
Leuchars	171	90000	00476	97905	9////	05716	89/00		
Dyce	091	80000	24216	97908	7522/	08721	83703	85635	88545
Lerwick	005	80629	28525	03407	872//	06720	84703	88707	
Wick	075	80713	15616	99208	873//	08717	85706	88710	
Sule Skerry	010	80619	48636	99809	873//	08716	88708		
Cape Wrath	049	80922	66026	98008	874//	08722	88715		
Stornoway	026	80713	56606	98309	853//	09503	85708	88615	
Benbecula	022	81008	62216	96810	853//	09801	84708	88615	
Tiree	100	82006	60608	96109	854//	08303	81712	83626	88637
Aldergrove	917	82309	63586	99108	852//	07319	82703	84710	88616
Malin	980	72314	82256	96410	734//	09302	83714	86923	
Belmullet	976	22407	78011	98208	15402	07102	81717		
Birr	965	11610	80036	01008	15600	06802	81635		
Dublin	969	22510	80016	01309	25600	07015	82640		
Shannon	962	71713	80031	00110	756//	07716	82630	87643	
Roches Point	952	12308	75011	02710	12400	09810	81710		
Valentia	953	72213	70018	00910	784//	09707	82713	83819	86640

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01131	002	irodr	+
Hurn	862	01141	004	ror	+
Thorney Island	871	02131	000	rorориro	+
Manston	797	00121		+	+
Gatwick	776	93131	000	rorодоro	+
Kew	775	01141	001	rorоiro	+
Heathrow	772	01141	000	rоro	+
Honington	586	02121		rofrr	+
Wattisham	590	01111	000	ffirоrоro	roroif
Gorleston	497	01112	000	iroror	+
Aberporth	502	97141	004	pro	+
Ross-on-Wye	627	00141	018	do	+
Filton	628	91151	033	doro	+
Rhoose	715	97141	023	ro	+
Chivenor	707	00141	020	+	+
Mount Batten	827	00131	016	+	+
St. Mawgan	817	00131	038	+	+
Scilly	804	00121	042	+	+
Culdrose	809	00130	035	+	+
Guernsey	894	01141	015	iro	roro
Elmdon	534	01141	022	rrdoriroprо	+
Cardington	559	02141	014	rrro	+
Wittering	462	03131	011	rfrofrro	+
Watnall	354	03131	002	rrRrorодоro	+
Shawbury	414	91131	012	roprо	+
Finningley	360	03121	000	rrroff	+
Kilnsea	396	04111	003	iroffriro	+
Leeming	257	03111	000	Rff	fro
Tynemouth	262	04101	000	pr	pro
Carlisle	222	03131	009	rorRpro	prodoror
Valley	302	03121	014	pro	+
Ringway	334	95131	019	ror	ropro
Squires Gate	318	01121	008	ropro	prorRro
Ronaldsway	204	02121	005	prpro	pRprpro
Mull of Galloway	131	01111			
Eskdalemuir	162	08101	000	rorоRrprpro	roprpro
Prestwick	135	97131	009	ido	pro
Abbotsinch	140	01121	006	rorоirоirpr	pro
Leuchars	171	04091	000	roRr	fFF
Dyce	091	04091	000	riroffrorоff	roifr
Lerwick	005	01082	000	ffrrdodo	dodoid
Wick	075	13092	000	rororrf	rrrorо
Sule Skerry	010	13092			
Cape Wrath	049	05092	000	idorоro	irirorоro
Stornoway	026	06102	000	irorr	irroro
Benbecula	022	14111	000	rororr	roRroro
Tiree	100	16112	003	roRpro	irorRrr
Aldergrove	917	96122	019	do-doro-do	do-doro
Malin	980	0713	011		
Belmullet	976	0212	009		
Birr	965	0111	005		
Dublin	969	9713	014		
Shannon	962	0412	041		
Roches Point	952	9312	041		
Valentia	953	0513	032		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

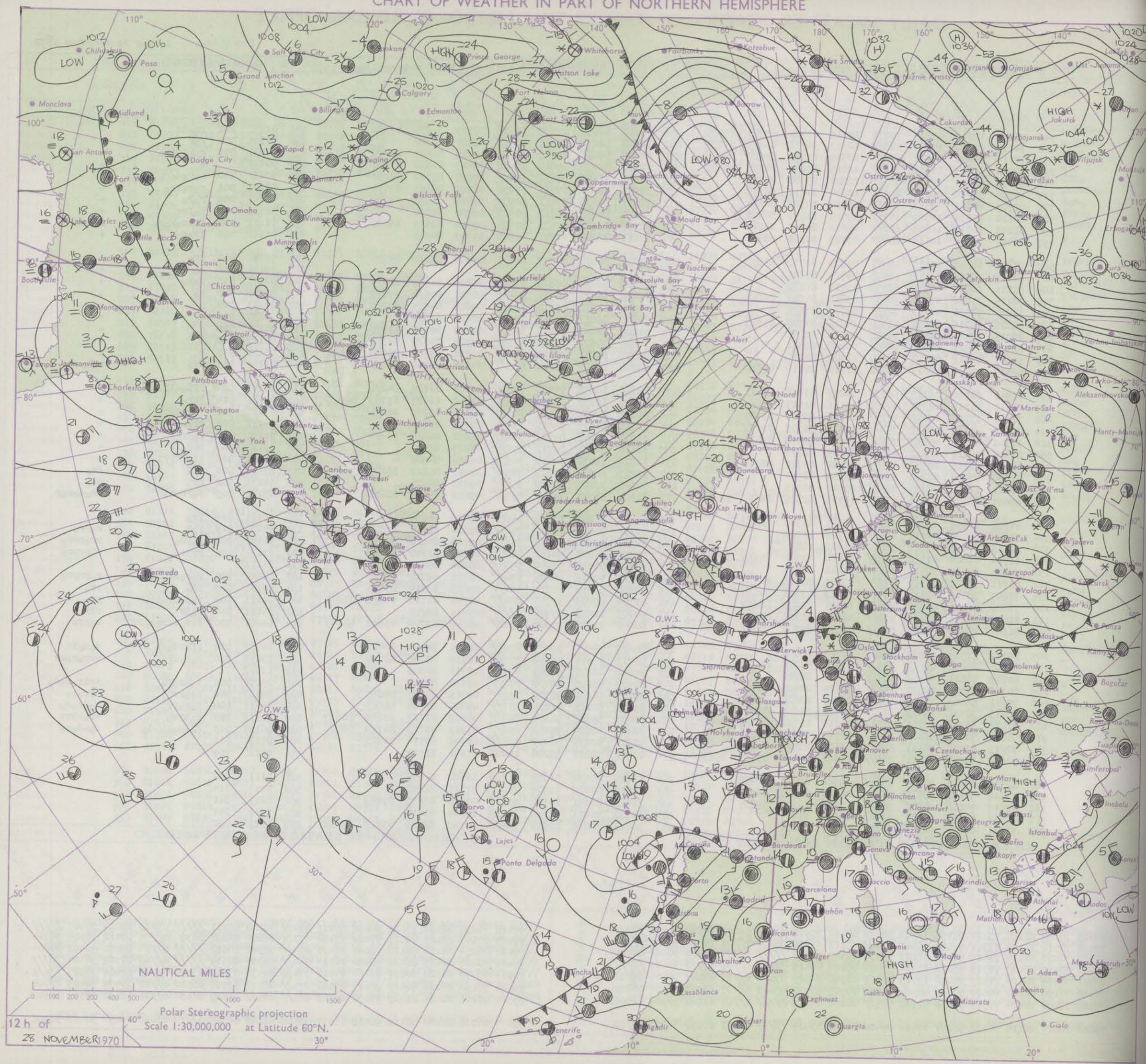
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70329	28124	73124	97158	11604	5947/	00714	85918	/////	05402	10644	30406	/////
B	99564	70514	28123	83312	97028	16002	3742/	00111	83810	88460	0//01	10396	30504	/////
C	99527	70355	28124	73512	98022	21107	65430	00105	86610	/////	0//05	10781	30402	04705
D	99440	70411	28123	73518	98022	25414	75400	00226	87619	/////	0//08	11721	30607	/////
E	99351	70479	28124	71027	98022	15719	45451	00302	84615	870//	0//14	12087	30805	99/06
I	99588	70190	28124	80420	97032	08408	6542/	00709	83712	85620	0//07	10977	30404	08805
J	99525	70206	28124	73518	98031	07710	755//	00102	87629	/////	0//05	11181	30504	01906
K														
M	99662	10017	28124	30128	98271	17552	39400	81320	83915	/////	06856	10690	30907	00/00

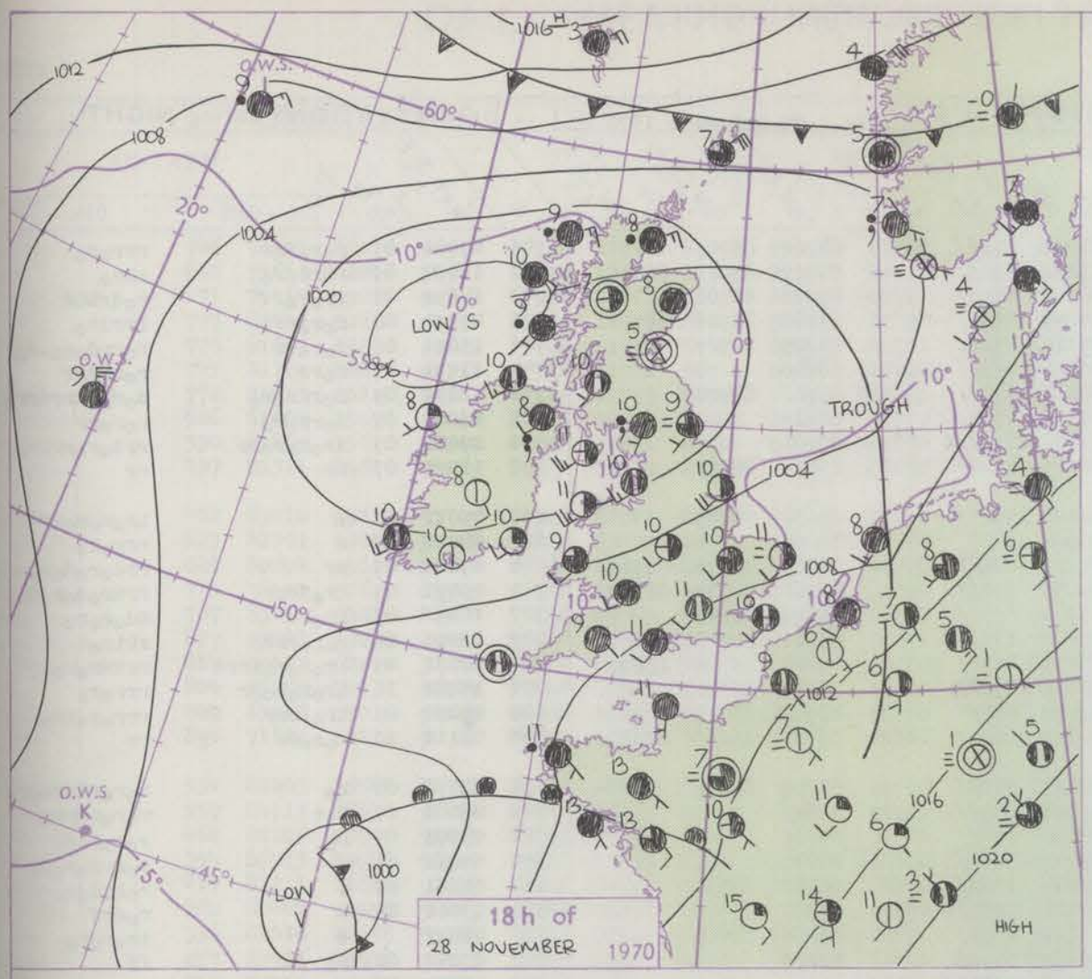
OCEAN WEATHER STATION REPORTS at 18h.

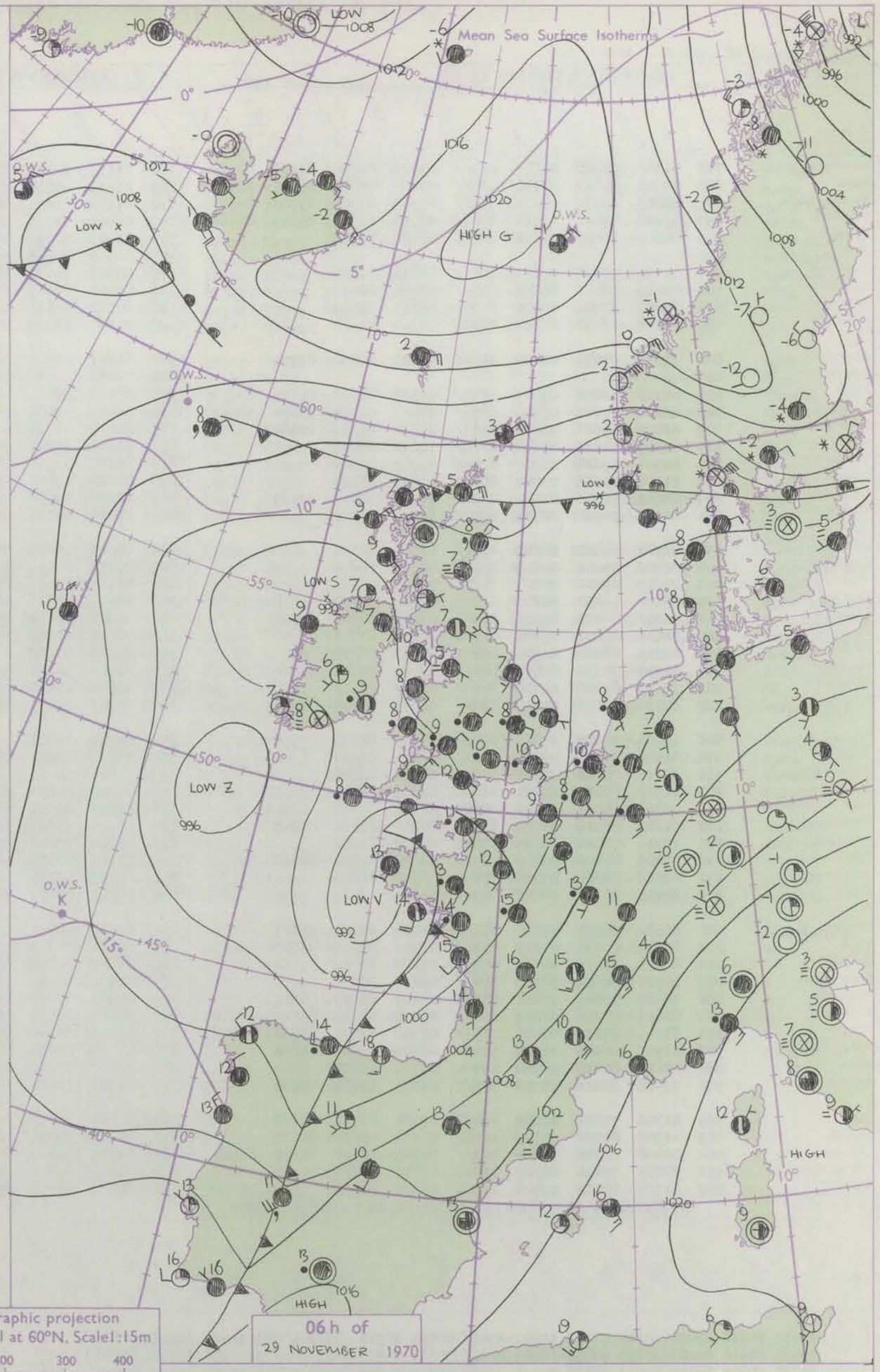
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70330	28184	73022	96838	09205	6947/	00608	86911	/////	05203	10620	30407	/////
B	99565	70507	28183	83023	97022	17102	6737/	00205	86808	88360	0//50	10412	30504	35704
C	99527	70354	28184	83116	98022	21406	854//	00302	88612	/////	0//04	10862	30402	10604
D	99440	70410	28183	80421	98022	26014	854//	00305	88619	/////	0//08	11782	30607	/////
E	99351	70479	28184	60832	97166	14218	37430	00531	83815	83359	0//16	12086	30807	/////
I	99588	70190	28184	80617	96615	07008	6732/	00507	86706	88520	0//08	10979	30403	08705
J	99525	70205	28184	83425	97032	06209	885//	00502	83825	88630	0//06	11161	30505	32907
K														
M	99657	10018	28184	30119	98018	16851	38500	81602	82825	/////	06656	10654	30402	36906

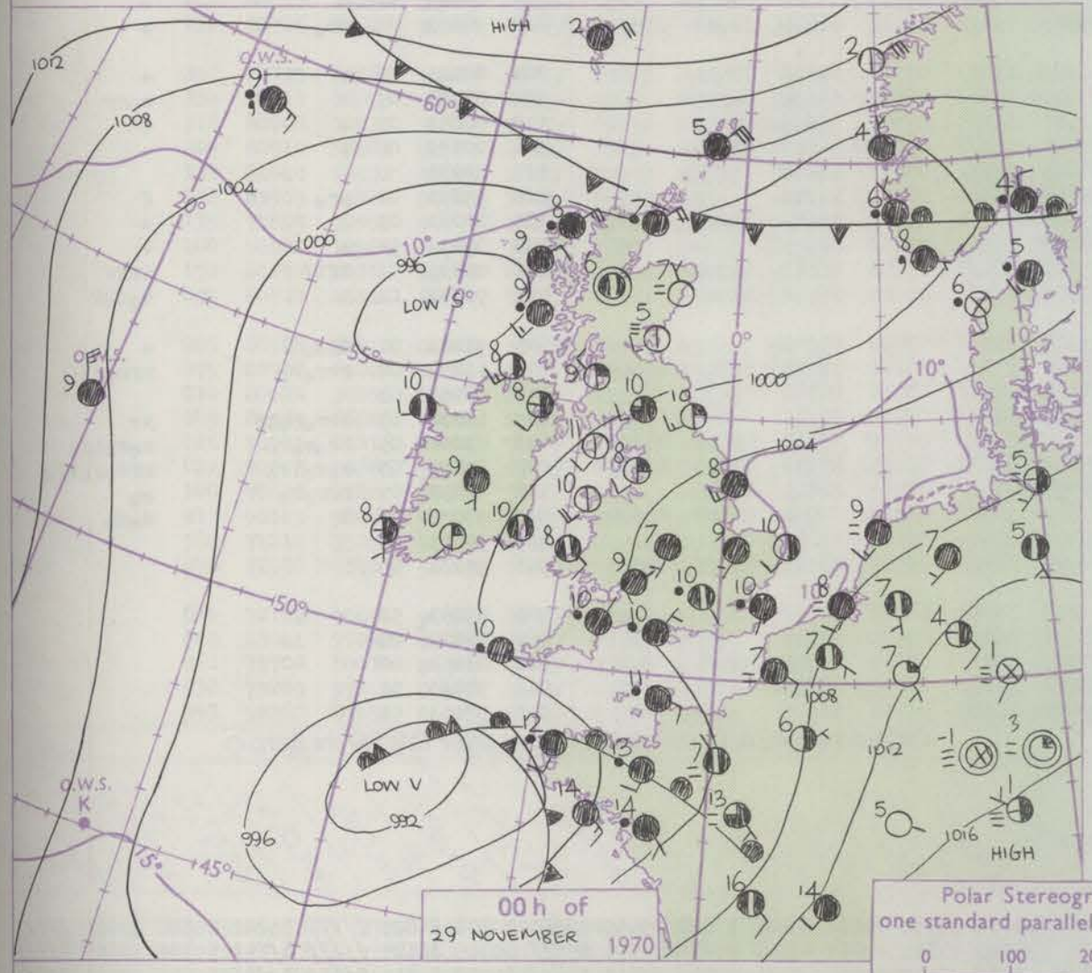
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 29 November 1970

A complex area of low pressure persists from northwest Spain to Norway with small depressions moving northeast across the British Isles. An anticyclone moving east to the north of Iceland brought a cold northeasterly flow into northern Scotland.

During the next 24 hours although little change is expected over the British Isles the complex area of low pressure will continue to be transferred slowly eastwards.

Code FM 11.D **OBSERVATIONS at 00h.** 29 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	81308	58602	04209	852//	09829	82704	83630	88650
Hurn	862	80605	65612	03710	854//	09728	84710	85615	88630
Thorney Island	871	80805	23632	04710	7502/	10733	85701	83707	85711
Manston	797	81902	58612	07310	1567/	09715	81640	85358	88460
Gatwick	776	80603	30612	05309	8072/	09828	88550		
Kew	775								
Heathrow	772	71502	58606	05410	756//	09818	87647		
Honington	586	82106	50022	06209	8092/	08706	88458		
Wattisham	590	82208	32602	06409	8092/	08611	88459		
Gorleston	497	42108	48030	06110	40910	09710	84460		
Aberporth	502	71511	62031	02008	40976	08821	84360	87275	
Ross-on-Wye	627								
Filton	628	80702	50052	03709	5552/	07823	82625	84650	88459
Rhoose	715	80000	65021	03108	1637/	07823	81708	83359	88462
Chivenor	707	81006	69601	02209	5577/	08832	85656	88360	
Mount Batten	827	80603	62616	01610	8082/	10842	88457		
St. Mawgan	817	80904	59616	01710	8097/	09740	88460		
Scilly	804	81102	61616	00710	855//	10843	88625		
Culdrose	809	80601	56216	01509	3632/	09842	82707	88460	
Guernsey	894	81112	20636	01511	870//	11844	88701		
Elmdon	534	81904	60022	04607	8097/	07806	88360		
Cardington	559	81906	59052	05409	857//	08812	88650		
Wittering	462	72105	59012	05207	757//	07805	87656		
Watnall	354	82206	56051	04208	00907	07802	88270		
Shawbury	414	71702	74031	03508	10946	06707	81362	87270	
Finningley	360	71602	80031	03608	00906	06801	87272		
Kilnsea	396	82315	66031	04608	00907	07203	88275		
Leeming	257	81704	74036	02010	854//	07003	85618	88630	
Tynemouth	262	32513	81028	00510	30930	08207	83358		
Carlisle	222	62510	62256	01110	683//	08213	81708	86630	
Valley	302	12118	74030	01310	00901	08809	81075		
Ringway	334	61908	70011	03208	656//	06001	86630		
Squires Gate	318	32111	75011	02308	35600	08702	83640		
Ronaldsway	204	11912	80010	01011	11400	08805	81710		
Mull of Galloway	131	02320	84021	99309	00900	08111			
Eskdalemuir	162	62211	66018	00608	685//	07216	82822	85646	
Prestwick	135	32210	70011	99509	35500	07109	81622		
Abbotsinch	140	72206	45048	99409	753//	08308	81708	84620	87645
Leuchars	171	12509	04464	98305	15500	05302	81620		
Dyce	091	03405	22101	97807	00900	07301			
Lerwick	005	80532	62025	04005	853//	00206	83708	88622	
Wick	075	80618	50636	99507	852//	07303	84705	87710	88622
Sule Skerry	010	80624	32636	00308	873//	07201	88708		
Cape Wrath	049	80922	66636	98707	874//	06210	88715		
Stornoway	026	80627	56616	99608	853//	08207	84707	88616	
Benbecula	022	80611	58216	97209	853//	09703	82708	85710	88618
Tiree	100	81915	60616	96409	7732/	09302	83706	87712	88540
Aldergrove	917	51910	66036	98708	55500	06804	83624	84640	
Malin	980	42014	82018	96808	48500	07301	83820		
Belmullet	976	72408	78216	97010	754//	09703	82714	87632	
Birr	965	81706	75031	98609	864//	07711	85718	88632	
Dublin	969	41905	80030	99709	15632	05710	81635	84070	
Shannon	962	82408	62586	98809	863//	07605	82706	86712	88718
Roches Point	952	32002	75011	00110	35600	09715	83640		
Valentia	953	51704	70011	99708	32402	07710	83819		

OBSERVATIONS at 06h. 29 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
746	81115	62216	94909	871//	08545	81702	88703	
862	81512	60216	93812	873//	11746	82707	86712	88620
871	81212	23605	96111	872//	11735	87703	88708	
797	81414	23634	99009	872//	09741	81703	85706	88708
776	81308	40636	97110	872//	10732	84705	88707	
775	80807	40636	96510	873//	09740	88706		
772	80913	30636	96710	873//	09736	85706	88708	
586	81009	40636	99508	8052/	07735	88527		
590	80907	14636	99208	870//	08736	88701		
497	81104	48636	00109	5542/	09728	85616	88550	
502	81211	56602	96108	4567/	06725	84630	88459	
627	80406	57606	95608	8032/	07727	88508		
628	80410	48586	95209	872//	07539	84705	86708	88712
715	80410	59606	95008	872//	07636	82704	86707	88712
707	80612	48586	93209	855//	07747	86620	88645	
827	81211	69216	91810	874//	10750	83710	88714	
817	80115	59616	93008	853//	07745	83707	86710	88620
804	80214	48616	94908	854//	07723	85710	88620	
809	83520	50616	92708	853//	07733	83708	88614	
894	81515	60026	95512	6527/	12624	83705	86656	87360
534	80603	30612	97807	852//	07725	82703	88635	
559	80710	56636	97808	855//	08733	88623		
462	81106	04636	98808	870//	08626	88701		
354	80403	06632	99007	8062/	07621	88547		
414	80702	17622	97807	1702/	07625	81701	88534	
360	70000	13102	99006	7097/	06721	87360		
396	82007	57022	00107	2632/	07724	82706	88460	
257	71705	26042	99307	00908	06616	87270		
262	02505	61020	99107	00900	07713			
222	71103	62021	98707	754//	06511	81710	84630	86640
302	81309	74031	96908	1542/	07714	81618	88465	
334	80805	70021	98307	7577/	05621	87650	88359	
318	81007	50101	98305	656/7	05714	86643	88272	
204	81408	80031	97210	852//	09712	84704	88640	
131	81807	82031	96909	856//	08706	88630		
162	20000	61101	98804	26400	04611	81712		
135	50804	70011	97606	55600	05609	82635	84650	
140	20000	70011	98006	25502	05609	81625		
171	62702	56104	97907	654//	07500	81618	86640	
091	80211	07511	97908	871//	08502	86702	88704	
005	60530	80031	03903	655//	53400	86625		
075	80723	56616	01805	853//	04211	83708	87711	88619
010	80524	58606	01506	874//	03210	88710		
049	80930	66026	00105	874//	04212	88715		
026	80628	60216	00807	853//	05306	83708	86618	88630
022	80616	28616	98109	852//	09205	83704	86706	86615
100	61213	65016	96509	654//	08502	82615	85616	
917	81507	64032	95607	853//	06712	84708	85616	88650
980	21808	82020	95207	25600	06505	82635		
976	82703	70026	94409	864//	09507	83712	85715	87632
965	32004	75016	96206	35600	06708	83632		
969	80000	80031	96408	864//	07509	88712		
962	60000	59286	95907	661//	06610	84702	83715	
952	93206	04474	96108	9////	08616	89/00		
953	21502	62031	96407	21500	06711	82825		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	07081	07	rorofrr	rrrorо
862	16092	09	rRrrorо	rRrо
871	14092	08	irorо+r	rodrDRr
797	07091	08	rororrf	frrirо
776	15091	08	rororr	rorrdorо-dо
775	11091	07	rorr	rorRRrr
772	12091	09	rorrrorо	dororRrrdrrо
586	08081	07	rorrorо	rororr
590	09082	07	irorororr	rrdororriro
497	11091	07	rr	rr
502	05071	05	+	irorororr
627	08071	07	r	rrrorо
628	07081	07	rr	rrdorodorо
715	09091	07	ir•irrr	rrRrodorodо
707	10092	07	irоR	Rdororо
827	11091	08	rororrR	rRirо
817	08071	07	irororoirrr	rrRRrorо
804	14082	11	irorororr	rrrorо
809	08072	03	iroirrr	rrrorоiro
894	08112	10	rororr	rr
534	07072	05	rо	rororRrrdorо
559	06081	07	ror	rororRrrо
462	08071	05	rо	rororrfR
354	05062	04	+	rorrrorоff
414	06061	03	+	rorrdorо
360	03061	04	+	rorrf
396	01071		+	irororo
257	97051	02	rо	ff
262	00071	02	+	+
222	97051	01	prо	+
302	00081	06	+	+
334	03061	05	+	rorr
318	00041	02	+	+
204	00091	06	+	+
131	00091			
162	97031	01	prо	f
135	00061	03	+	+
140	00031	51	+	+
171	00031	51	ff1f	1fff
091	91051	01	+	dodof
005	91021	01	dodо	+
075	11052	04	rrrorо	rrrorо
010	08051	03		
049	10032	03	rrrorоir	ir
026	03062	05	irororо	rorоiro
022	10071	07	rorоiro	rrrorоiro
100	01091	07	rrrorо	rо
917	97072	06	+	dodо
980	97061	04		
976	95081	04		
965	97041	50		
969	97071	03		
962	01051	02		
952	97061	01		
953	97051	01		

Code FM 21.D **OCEAN WEATHER STATION REPORTS at 00h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70330	29004	83314	97152	10004	6946/	00005	86912	/////	05200	10586	30101	99504
B	99565	70510	29003	83123	97858	18801	884//	00110	84810	88635	0//53	10406	30704	/////
C	99526	70355	29004	72913	98022	21007	28438	00711	81815	85360	0//05	10900	30402	99/04
D	99441	70410	29003	80211	98022	27913	855//	00305	88627	/////	0//10	11654	30302	01705
E	99350	70481	29004	81027	95615	15318	4732/	00313	84708	88530	0//18	12088	30808	/////
I	99588	70183	29004	81015	96586	07808	873//	32003	88707	/////	0//07	10995	30404	08705
J	99523	70205	29044	83325	98022	06509	856//	00000	88630	/////	0//06	11164	30505	32008
K														
M	99661	10019	29004	20319	98271	16950	29400	11301	82915	/////	06657	10699	30503	36904

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	29064	63417	97022	09505	48560	00302	84825	/////	05202	10580	30203	/////
B	99565	70510	29063	83332	97268	21101	859//	00315	88625	/////	0//54	10386	30605	/////
C	99526	70353	29064	82614	97808	19107	884//	00708	84815	86640	0//06	10855	30402	99/04
D	99441	70410	29063	20806	98012	28312	25500	00303	82625	/////	0//10	11639	30201	01704
E	99348	70476	29064	61513	97016	15320	27408	00002	/////	/////	0//18	12115	30605	/////
I	99584	70171	29064	80512	96506	06507	873//	32503	88707	/////	0//07	10969	30202	08808
J	99523	70205	29064	83320	98012	06409	656//	00304	86630	/////	0//07	11168	30504	33009
K														
M	99657	10018	29064	60417	98031	16750	48560	11001	84825	/////	06557	10649	30402	36903

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 39820

Date of Issue Monday 30 November 1970

Code FM 11.D

OBSERVATIONS at 12h. 29 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	71914	66016	90912	753//	12821	87706	87628	
Hurn	862	71613	62216	90913	3537/	12720	81709	87359	
Thorney Island	871	71714	59216	92812	48572	12712	82822	83645	86070
Manston	797	82013	50612	95912	853//	11715	83707	88645	
Gatwick	776	81811	62606	93213	3542/	11720	81710	88459	
Kew	775	81709	58216	91313	7742/	11721	86712	84624	88458
Heathrow	772	81813	60216	92312	6832/	11719	81708	85714	88464
Honington	586	81407	18636	94010	872//	09822	84703	88705	
Wattisham	590	81809	15616	94310	870//	10821	87701	88702	
Gorleston	497	81311	24616	95009	854//	09727	88618		
Aberporth	502	83414	59616	93107	6732/	06723	86708	88530	
Ross-on-Wye	627	82701	17606	90708	8022/	08725	88504		
Filton	628	80204	15616	89810	871//	09825	86702	88704	
Rhoose	715	70511	50615	89709	753//	09723	81707	86612	87645
Chivenor	707	83410	69026	89810	852//	09709	84705	86712	88625
Mount Batten	827	83308	59036	89810	853//	09707	87707	88625	
St. Mawgan	817	73517	62216	92208	753//	07002	82707	84710	87618
Scilly	804	73209	74036	95709	5554/	07308	85623		
Culdrose	809	63516	72016	92609	48402	06304	82815	84623	
Guernsey	894	71822	62218	90713	78232	11728	82703	84705	86612
Elmdon	534	81003	16586	91708	870//	08730	88701		
Cardington	559	81513	28636	92211	5542/	11827	81710	84625	88535
Wittering	462	81206	03596	92609	870//	09734	88701		
Watnall	354	80513	14586	92907	6712/	07834	82702	85704	88525
Shawbury	414	83211	31636	92807	6722/	07727	83705	85707	88512
Finningley	360	80408	11596	94007	871//	07832	88702		
Kilnsea	396	81016	24636	95208	5642/	08738	85710	88460	
Leeming	257	83506	09636	96306	2702/	06820	82701	88550	
Tynemouth	262	83506	16102	97407	856//	07811	88635		
Carlisle	222	80306	66022	97106	5567/	05808	85645	88462	
Valley	302	80405	61616	94209	3552/	07815	83626	88545	
Ringway	334	80211	16596	93407	6532/	06834	83708	84616	88556
Squires Gate	318	80708	34616	95407	3552/	07716	83625	88540	
Ronaldsway	204	80910	59602	95509	4632/	08810	81706	83709	88459
Mull of Galloway	131	81410	64032	95809	2642/	07805	82710	88460	
Eskdalemuir	162	83505	59104	97605	3627/	04707	83703	86360	88466
Prestwick	135	70804	70052	97077	18676	05803	81830	86270	
Abbotsinch	140	70000	12281	97903	555/6	03802	84622	86275	
Leuchars	171	80204	50104	97808	861//	08806	85702	88704	
Dyce	091	80514	26516	99607	871//	06001	83702	88703	
Lerwick	005	60528	74012	04403	35502	53812	83625	84075	
Wick	075	80718	65026	02905	855//	01001	85620	88630	
Sule Skerry	010	80524	70026	03706	854//	01205	88615		
Cape Wrath	049	80925	66626	02005	874//	02205	88715		
Stornoway	026	70721	80216	02206	754//	05801	86618	87630	
Benbecula	022	70618	80606	99607	6547/	06001	81712	83625	86635
Tiree	100	70610	85802	97309	785//	07101	81820	85630	87645
Aldergrove	917	50601	58055	95508	38331	06000	81708	83632	85075
Malin	980	71212	75258	95609	784//	08301	83712	83817	87635
Belmullet	976	71502	63104	94209	7843/	09400	84716	86636	85359
Birr	965	72102	70024	95506	756//	06804	87636		
Dublin	969	83001	75042	94908	5647/	07709	82715	84640	88462
Shannon	962	71702	80034	95308	752//	07806	81704	87640	
Roches Point	952	73209	57104	95508	7543/	07804	81712	87632	86359
Valentia	953	52202	81031	96110	52500	07806	85825		

OBSERVATIONS at 18h. 29 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	82813	66606	89611	852//	09315	85705	86710	88625
Hurn	862	82415	60506	91510	854//	09334	82712	88626	
Thorney Island	871	82213	56215	90011	854//	11205	85711	86622	88640
Manston	797	81923	66608	91012	854//	10616	83710	85620	88645
Gatwick	776	82212	62216	89711	853//	11506	82707	85711	88620
Kew	775	81903	58216	88812	853//	11509	85708	83712	88622
Heathrow	772	82008	58216	88412	853//	11512	81709	85613	88625
Honington	586	81508	58636	89711	6732/	10715	83706	86710	88525
Wattisham	590	81812	48216	89911	853//	10720	83706	86707	88611
Gorleston	497	81617	58616	90711	854//	10717	88615		
Aberporth	502	83015	66216	93407	854//	05317	82712	85620	88629
Ross-on-Wye	627	82903	48206	90507	862//	07316	88705		
Filton	628	82905	37216	90508	872//	07324	83703	86705	88707
Rhoose	715	82815	64215	92007	854//	07332	86710	88620	
Chivenor	707	63114	83015	94309	68500	07232	83824	85635	
Mount Batten	827	62711	62255	96109	653//	08235	82709	86620	
St. Mawgan	817	72612	69026	96509	4847/	07219	82812	83628	87360
Scilly	804	62508	74026	97110	45502	09211	84625	84075	
Culdrose	809	52808	72016	96209	4843/	08311	81710	83820	
Guernsey	894	52622	80028	97809	42402	07251	48416	84075	
Elmdon	534	80207	10616	89208	870//	08400	88700		
Cardington	559	81104	48616	88611	854//	11611	86716	88625	
Wittering	462	70902	23046	89110	751//	10708	85702	87615	
Watnall	354	83604	07596	89708	862//	08805	88703		
Shawbury	414	82812	19586	90607	872//	07305	83703	84708	88714
Finningley	360	80203	37586	89909	872//	09609	88703		
Kilnsea	396	81008	24616	90409	7722/	09613	87704	88540	
Leeming	257	80110	66216	92408	7567/	07613	87630	88458	
Tynemouth	262	80710	58636	94609	8052/	09610	88525		
Carlisle	222	83604	56616	93307	854//	06817	82713	88635	
Valley	302	80110	62216	93207	854//	06202	83711	88616	
Ringway	334	80210	62616	90408	854//	06503	84712	88622	
Squires Gate	318	80112	32516	92007	855//	07501	86626	88645	
Ronaldsway	204	80105	64616	94307	4542/	06104	81618	84633	88459
Mull of Galloway	131	80712	84022	94707	8092/	05106	88460		
Eskdalemuir	162	80310	32614	94906	872//	06608	88703		
Prestwick	135	80705	35042	95907	6532/	06400	81706	85708	88464
Abbotsinch	140	80707	57042	96708	863//	07301	81706	83708	88710
Leuchars	171	80312	58602	96607	862//	06502	83703	88705	
Dyce	091	80109	50205	98606	853//	05301	82706	83708	87710
Lerwick	005	81013	62216	03106	863//	05502	83707	88711	
Wick	075	80509	62026	00805	855//	02708	84625	88635	
Sule Skerry	010	70513	66012	01406	754//	01708	87615		
Cape Wrath	049	80920	81026	00605	865//	51706	88720		
Stornoway	026	80722	82022	01306	855//	03301	83620	88650	
Benbecula	022	70517	82026	99606	5547/	05205	81617	85640	87359
Tiree	100	60609	87028	97207	657//	06206	86650		
Aldergrove	917	80402	50216	95508	854//	06210	82710	84620	88635
Malin	980	71111	82038	96109	784//	06209	83817	86640	
Belmullet	976	70705	70028	95008	785//	08313	82820	86637	
Birr	965	81202	70022	95408	855//	07210	88623		
Dublin	969	82904	68216	94907	854//	07109	82714	88650	
Shannon	962	81906	75032	94809	863//	08307	82708	85712	88617
Roches Point	952	72304	70022	95708	6543/	07208	81712	86637	87359
Valentia	953	82003	60606	95409	863//	09302	85709	88630	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	12131	000	rRro	Rrodo
Hurn	862	06131	000	Rror	rodo
Thorney Island	871	02132	000	roroRrdoro	doorrrodo
Manston	797	02131		irororopr	prirо
Gatwick	776	68132	000	rororR	rordorodr
Kew	775	07141	000	rorrorоRrro	rorRdorro
Heathrow	772	08132	001	rorR	rorroro
Honington	586	16121		roro-rrrr	rRro
Wattisham	590	07112	000	drrororr	iriro
Gorleston	497	06112	000	ror	roir
Aberporth	502	04081	000	rrroro	roro
Ross-on-Wye	627	08091	000	roirororo	Rdc
Filton	628	19111	000	rRrororr	fdo-rc
Rhoose	715	04101	000	irororoirroro	rorodoroiro
Chivenor	707	02101	000	Rrorido	pro
Mount Batten	827	91121	000	rododo	pro
St. Mawgan	817	02101	000	iro	pR
Scilly	804	03101	000	iro	iroir
Culdrose	809	96101	003	irororoiro	iro
Guernsey	894	01131	006	proiro	pro
Elmdon	534	17092	000	drDRRfr	fRRrrfdo
Cardington	559	09122	000	rororRro	rorRrorofiro
Wittering	462	14101	000	dorodrrRff	RRrffdo
Watnall	354	08082	000	rrdorodrRff	rorordo-doroff
Shawbury	414	09071	000	dororrroR	rrrodorodoro
Finningley	360	10091	000	rrdrdrdoroff	rrdorodoro
Kilnsea	396	19092	000	rororr	rrrorof
Leeming	257	10082	000	Fffrrroro	rrroroiro
Tynemouth	262	10092	000	rr	rr
Carlisle	222	05071	000	ror	rrrorodoro
Valley	302	06091	000	irororo	irodorororo
Ringway	334	04091	000	rrrodrroro	roro
Squires Gate	318	10081	000	frrR	dodoror
Ronaldsway	204	03101	000	roro	rororr
Mull of Galloway	131	93091			
Eskdalemuir	162	02061	000	f	froror
Prestwick	135	97081	000	+	idoiro
Abbotsinch	140	00081	000	f	+
Leuchars	171	01091	000	ff	rorodrr
Dyce	091	01081	000	dorodorododo	dodoido
Lerwick	005	01062	003	+	iroidororo
Wick	075	91061	000	iro	+
Sule Skerry	010	00070			
Cape Wrath	049	01071	000	ir	+
Stornoway	026	95061	000	iro	+
Benbecula	022	91081	000	iro	+
Tiree	100	97091	005	pro	+
Aldergrove	917	96092	008	ro	rodoro
Malin	980	0110	001		
Belmullet	976	9711	002		
Birr	965	9708	000		
Dublin	969	0109	000		
Shannon	962	9710	001		
Roches Point	952	9709	002		
Valentia	953	0310	021		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

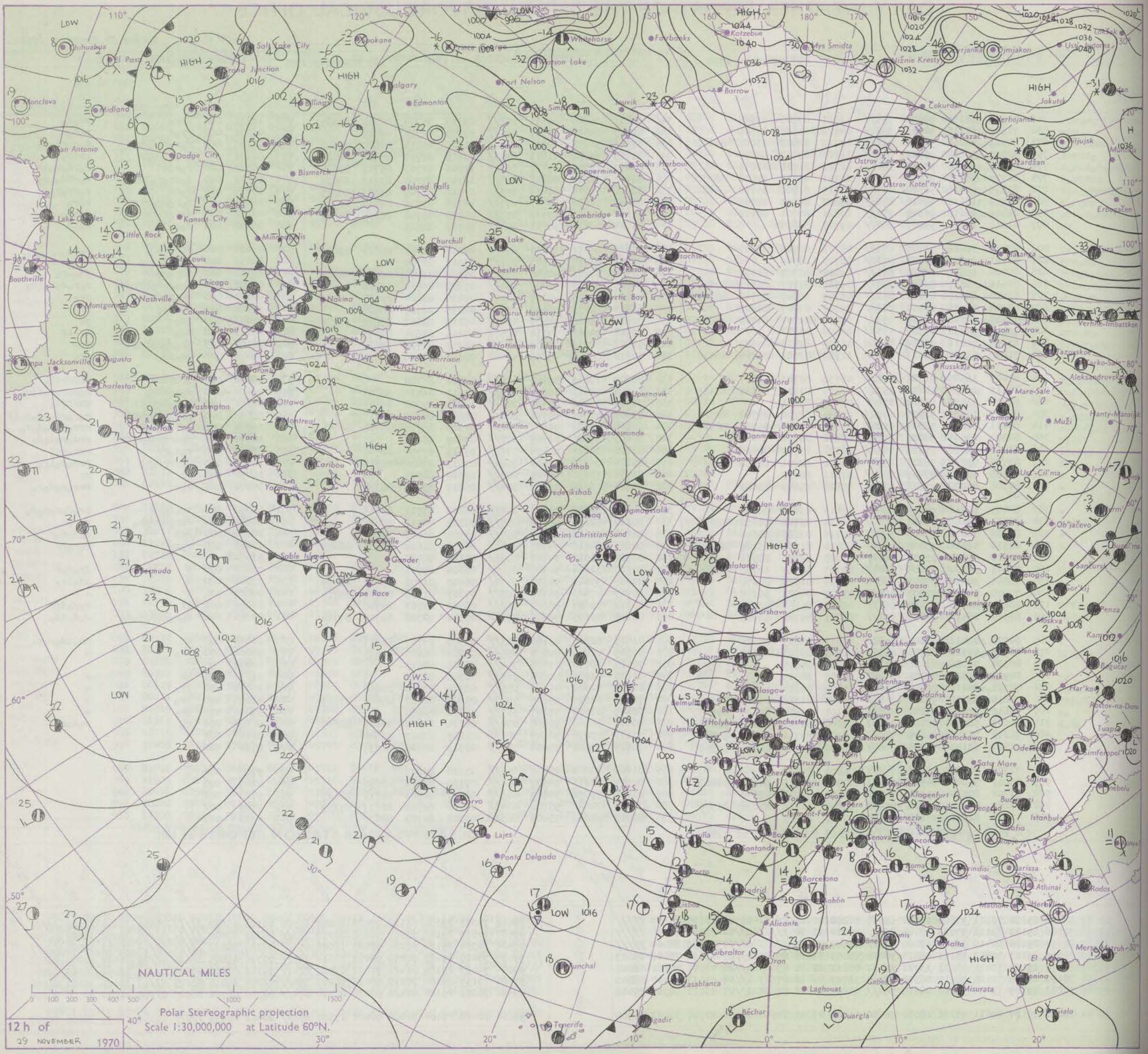
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	29124	73321	97808	10802	69560	00208	85925	/////	05700	10639	30305	/////
B	99564	70506	29123	83118	97028	23400	854//	00214	88618	/////	0//54	10384	30504	/////
C	99527	70355	29124	82418	96518	17007	874//	00609	88710	/////	0//07	10799	30404	/////
D	99440	70409	29123	70802	98151	28814	78400	00003	81818	87635	0//07	11632	30200	05603
E	99347	70472	29124	71415	98031	16721	25531	00212	82630	870//	0//20	12052	30402	08806
I	99580	70159	29124	70520	96015	06308	784//	31703	83818	87645	0//06	11013	30404	08808
J	99524	70203	29124	73424	98802	08310	784//	81207	84816	87624	0//07	11211	30505	35008
K														
M	99661	10021	29124	70611	98262	18050	78600	11400	83835	84640	06556	10707	30402	36904

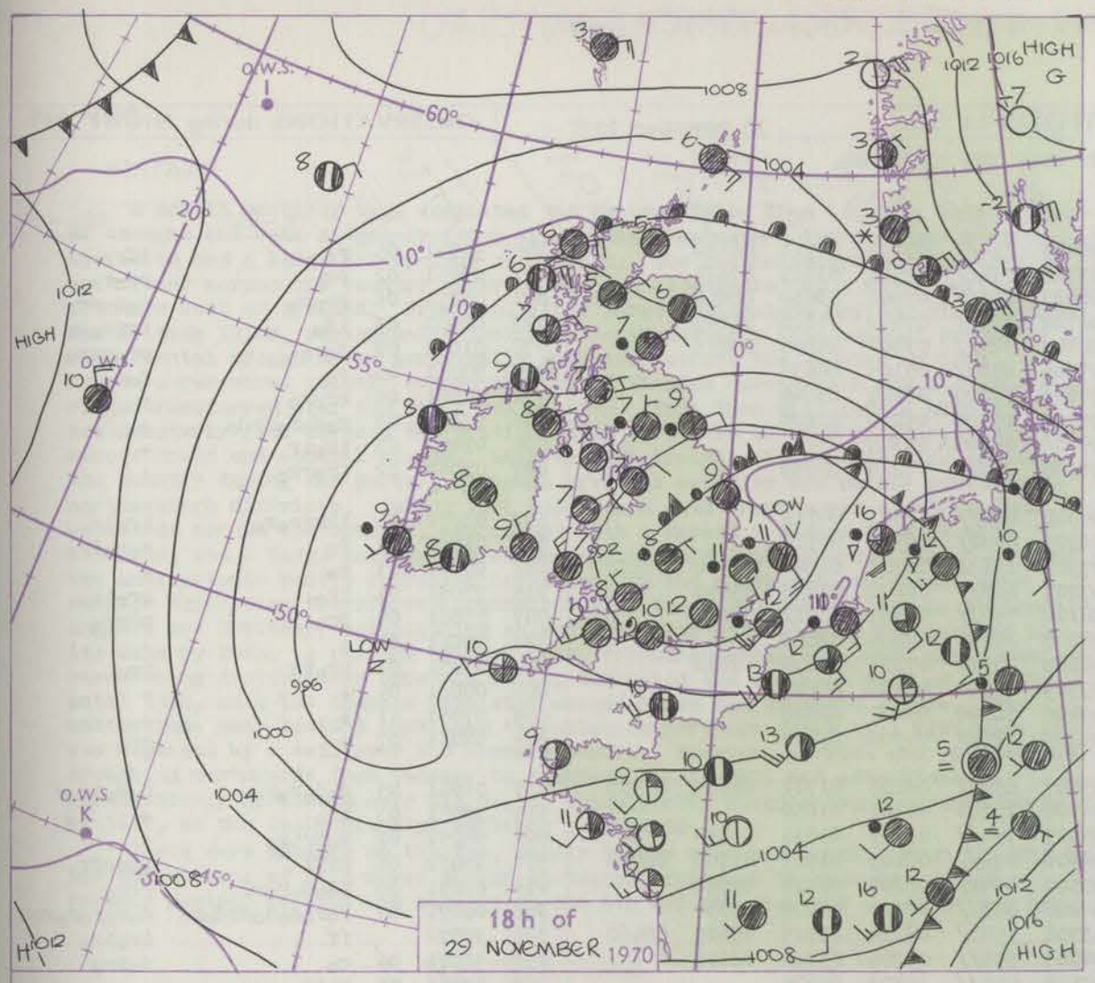
OCEAN WEATHER STATION REPORTS at 18h.

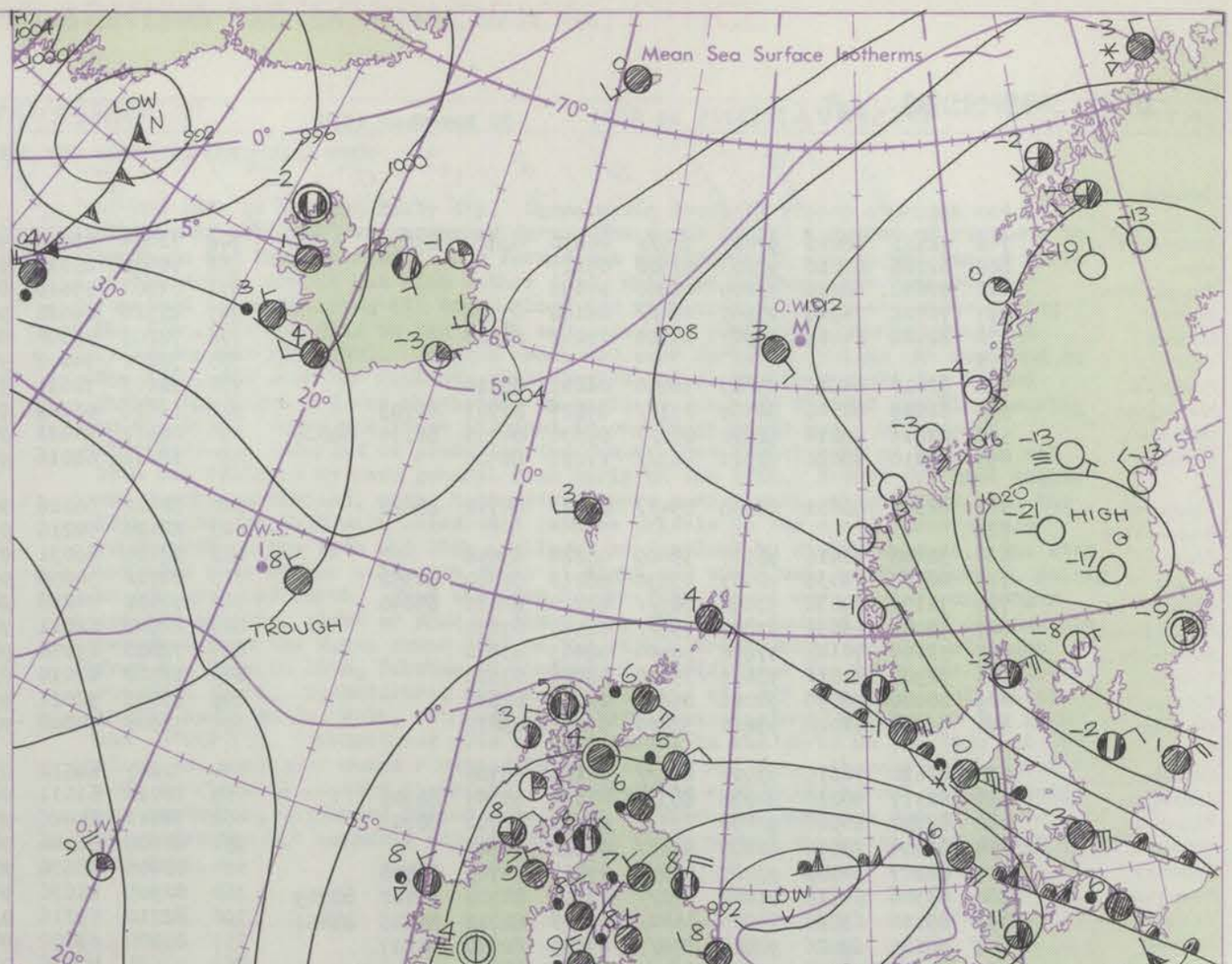
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70331	29184	63116	97028	10802	65500	00101	86632	/////	05854	10600	30304	/////
B	99565	70510	29183	73527	96858	24350	723//	00302	87808	/////	0//55	10372	30605	05704
C	99526	70354	29184	83024	98025	18006	855//	00309	88620	/////	0//04	10851	30505	/////
D	99439	70410	29183	70812	98252	26614	785//	00710	83825	86635	0//09	11610	30200	05602
E	99344	70493	29184	81421	97612	09920	2247/	54749	82810	87459	0//18	12059	10503	09704
I	99580	70157	29184	70212	98028	06207	784//	72209	84818	86625	0//03	11026	30603	04008
J	99526	70201	29184	83421	98038	08510	854//	00306	82714	88625	0//05	11220	30505	35006
K														
M	99660	10020	29184	80809	98022	17100	856//	00801	88635	/////	06356	10695	30201	02903

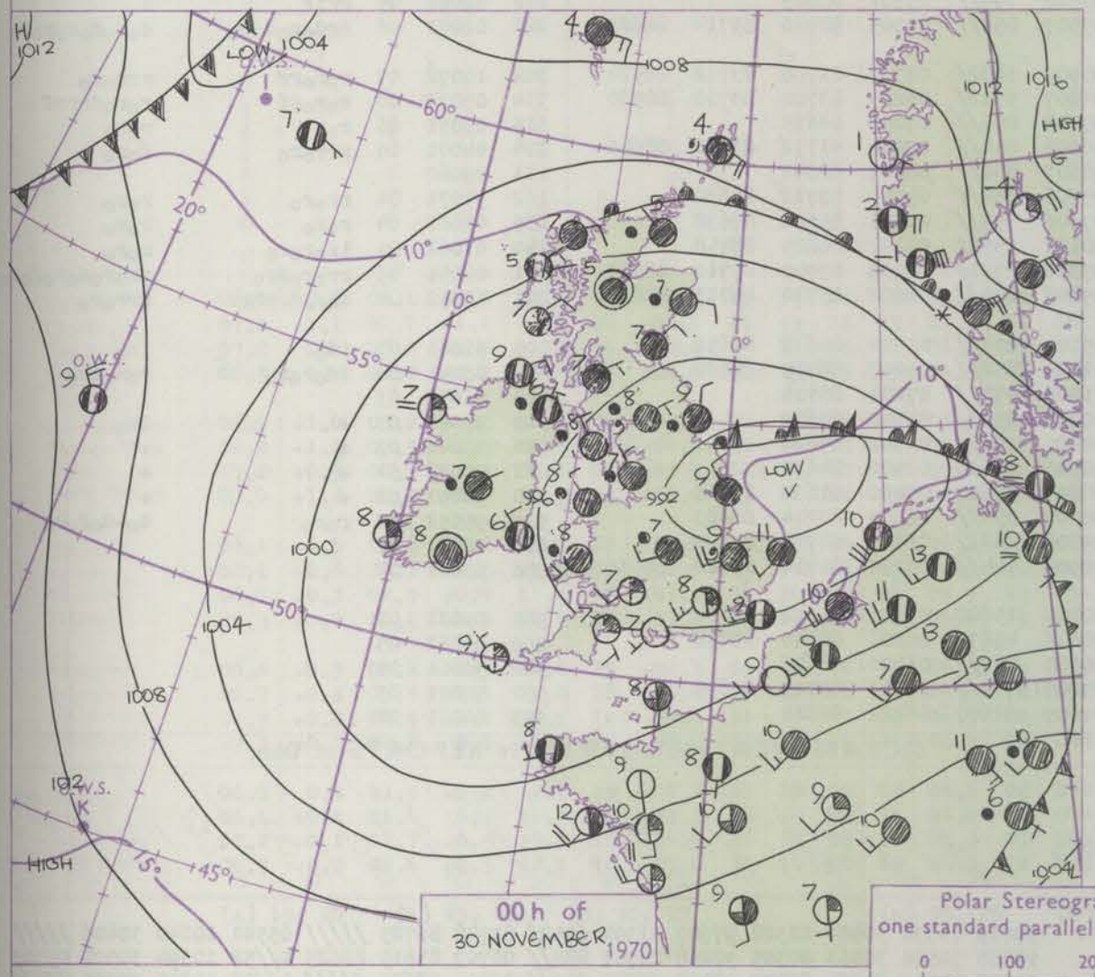
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
Whitehorse
Fairbanks
Barrow
Mys Šmidta
Tuktoyaktuk
Fort Nelson
Edmonton
Calgary
Prince George
Spokane
Salt Lake City
Grand Junction
Billings
Regina
Bismarck
Rapid City
Dodge City
Omaha
Kansas City
Minneapolis
Winnipeg
Island Falls
Sachs Harbour
Coppermine
Cambridge Bay
Resolute Bay
Churchill
Chesterfield
Nakina
Winisk
Moosonee
Nottingham Island
Fort Harrison
Fort Chimo
Resolution
Cape Dyer
Upernavik
Thule
Alert
Eureka
Arctic Bay
Clyde
Godthab
Frederikshab
Prins Christian Sund
Angmagssalik
Keflavik
Jan Mayen
Danmarkshavn
Scoresbysund
Hornoya
Murmansk
Tromsø
Sodankylä
Kandalaksha
Arkhangel'sk
Ob"jačevo
Kargopol'
Vologda
Syktyvkar
Petrozavodsk
Kirov
Penza
Moskva
Kazan'
Ufa
Perm'
Jakutsk
Čokurdah
Verhojansk
Oimjakon
Ust'-Nera
Ust'-Maja
Ust'-Kut
Irkutsk
Ust'-Ilimsk
Bratsk
Tajšet
Abakan
Novosibirsk
Omsk
Tjumen'
Tobol'sk
Surgut
Ostrov Kotel'nyj
Ostrov Žokova
Mys Čeljuskin
Dikson Ostrov
Russkaja Gavan'
Mare-Sale
Malye Karmakuly
Tarko-Sale
Aleksandrovskoje
Hanty-Mansijsk
Muži
Verhne-Imbatskoje
Lazovskoje
Jakutsk
Ust'-Cil'ma
Ivdel'
Ivdel
Nižnie Kresty
Ostrov Beringa
Petropavlovsk-Kamčatskij
Ozernaja
Kazačinskoje
Erbogačen
Tura
Vanavara
Kodiak
Juneau
Prince Rupert
Vancouver
Seattle
Portland
Boise
Reno
Las Vegas
Los Angeles
San Francisco
Phoenix
Albuquerque
El Paso
Midland
Abilene
San Antonio
Fort Worth
Dallas
Houston
Lake Charles
Little Rock
Memphis
St. Louis
Chicago
Detroit
Cleveland
Pittsburgh
Toronto
Ottawa
Montreal
Caribou
Yarmouth
Sable Island
Gander
Cape Race
Bermuda
Nashville
Columbus
Montgomery
Jackson
Boothville
Tampa
Jacksonville
Augusta
Charleston
Norfolk
Washington
New York
Boston
Portland
Buffalo
Minneapolis
Omaha
Kansas City
Wichita
Oklahoma City
Amarillo
Albuquerque
Denver
Cheyenne
Rapid City
Bismarck
Billings
Great Falls
Spokane
Seattle
Portland
Boise
Salt Lake City
Grand Junction







Polar Stereographic projection
one standard parallel at 60°N. Scale 1:15m
0 100 200 300 400

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 30 November 1970

The complex low which yesterday was over the British Isles has now its main centre near the North Sea. This centre which moved northeast across southern England yesterday will continue to move slowly east and a weak ridge of high pressure will move into western Britain later today. A depression will be deepening and moving slowly east near Iceland and the associated cold front will be approaching north-west Scotland tomorrow morning.

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

Code FM 11.D

OBSERVATIONS at 00h. — 30 November 1970

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72511	66026	97407	755//	06230	82620	87634	
Hurn	862	02106	80010	97607	00900	06217			
Thorney Island	871	02610	80026	98209	00900	07133			
Manston	797	72521	74016	95909	764//	06140	87714		
Gatwick	776	22412	64016	97307	25500	05242	82620		
Kew	775								
Heathrow	772	32417	65016	95808	36400	06243	83714		
Honington	586	82519	28516	92309	871//	09227	81702	88703	
Wattisham	590	82615	48216	92910	852//	09330	84705	86710	88618
Gorleston	497	82210	48026	91311	863//	11221	88709		
Aberporth	502	82306	62602	96008	854//	07112	84712	88628	
Ross-on-Wye	627								
Filton	628	32408	62016	96307	35600	05220	83640		
Rhoose	715	42507	70036	96507	25630	06218	82640	84358	
Chivenor	707	71103	69038	97008	785//	08210	84823	85640	
Mount Batten	827	70000	66031	97809	757//	08105	87650		
St. Mawgan	817	52104	70108	97808	58400	08103	83710		
Scilly	804	32904	81011	98609	35500	08206	83623		
Culdrose	809	20000	76050	98006	25600	06208	82630		
Guernsey	894	32114	81028	99110	32400	07802	83818		
Elmdon	534	82610	50615	93707	872//	06123	88704		
Cardington	559	82317	40216	94008	863//	07143	85707	88709	
Wittering	462	82710	20506	92408	871//	08128	82702	88703	
Watnall	354	82604	28586	92607	871//	07122	88702		
Shawbury	414	82207	24585	93707	872//	07117	83705	88708	
Finningley	360	83306	50516	91808	872//	08217	82705	86707	88709
Kilnsea	396	83510	63026	90709	5542/	08209	82712	85643	88461
Leeming	257	80109	69026	92608	854//	07105	82710	88617	
Tynemouth	262	83610	58606	93509	864//	08400	88712		
Carlisle	222	80105	58586	94408	854//	07303	83710	83628	88634
Valley	302	83412	59636	94908	4642/	07210	84710	88524	
Ringway	334	83306	57636	93007	873//	07216	84708	88710	
Squires Gate	318	83406	50616	93707	855//	07210	88629		
Ronaldsway	204	83510	60616	95108	855//	07107	84622	88640	
Mull of Galloway	131	80516	48616	95807	863//	07208	88706		
Eskdalemuir	162	80212	37606	95006	873//	05203	85707	88712	
Prestwick	135	80304	75036	96807	7547/	05105	87616		
Abbotsinch	140	83503	80022	97207	7557/	05500	84625	87640	
Leuchars	171	80112	70026	96507	854//	05601	88614		
Dyce	091	80910	40636	98307	872//	07502	83703	86706	88710
Lerwick	005	81119	66506	05004	863//	03210	85706	88712	
Wick	075	82902	58605	00402	853//	→05102	→84708	→88625	→
Sule Skerry	010	80709	66038	00308	834//	07706	88915		
Cape Wrath	049	50000	81012	00506	55500	03400	85620		
Stornoway	026	80712	82022	00707	855//	03701	88625		
Benbecula	022	70207	82022	00305	756//	03500	87640		
Tiree	100	60309	85012	98007	656//	05002	86647		
Aldergrove	917	73606	30612	97006	753//	06209	83709	85710	87618
Malin	980	70708	75031	98009	784//	07111	81819	87649	
Belmullet	976	30204	62101	98307	38500	06217	81820	83630	
Birr	965	80401	70606	97207	874//	06112	86718	87630	
Dublin	969	82803	60026	97007	862//	06214	83705	86707	88633
Shannon	962	82202	61216	96508	853//	08214	82707	83714	85622
Roches Point	952	80000	70022	97008	855//	07309	83626	88643	
Valentia	953	30702	62256	96808	32500	07310	83821		

OBSERVATIONS at 06h. — 30 November 1970

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	72004	66031	98005	754//	05302	84711	86650	
862	70000	65038	97708	754//	07501	83715	87621	
871	81802	59618	98607	856//	07002	83630	88656	
797	82310	66621	98708	855//	07400	84628	88645	
776	72109	56808	98407	727//	07400	84850	87856	
775	72201	74601	97606	6563/	05105	86636		
772	32103	70031	97606	35600	06204	83640		
586	12311	66026	96009	15500	05204	81627		
590	02412	74021	97106	00900	05305			
497	12211	60016	96108	10930	06214	81360		
502	82912	66216	96908	864//	07301	88712		
627	82108	60216	96207	8042/	06303	88510		
628	72105	66031	97307	15636	06202	81640	83360	86272
715	62702	70258	97307	685//	06202	82825	85640	
707	70502	74258	98108	754//	08307	83712	87617	
827	22903	62011	98708	25700	08306	82650		
817	72808	69258	98809	784//	07204	85814	87628	
804	12508	82010	99709	15500	07203	81623		
809	33003	72011	99106	38400	05205	82818		
894	72908	74808	99309	724//	05303	87814		
534	72207	64612	95807	6547/	06106	81712	86624	87359
559	12010	61011	96506	15600	06106	81630		
462	72412	64026	95507	754//	06109	85615	86630	
354	82408	56586	94906	872//	06109	81703	85706	88708
414	82405	48636	95507	5742/	06206	85714	88522	
360	82905	21636	94208	853//	07210	84708	88634	
396	82710	59216	93708	5542/	08214	83715	85625	88460
257	83006	69202	94207	854//	07206	83710	88616	
262	73621	74026	93508	755//	07302	87625		
222	83105	61615	95507	854//	07305	82710	85714	88623
302	83515	56636	95909	3632/	08307	81708	83712	88524
334	83302	10636	94807	5712/	06207	83702	83710	88530
318	83606	58616	95408	856//	07208	88635		
204	83509	63616	96608	854//	07208	81712	83626	88646
131	80217	64616	96607	856//	06207	88640		
162	80210	58606	95706	854//	05304	83712	88630	
135	70203	65616	97906	755//	05306	85624	87638	
140	83604	65616	98107	6552/	05207	86625	88458	
171	80311	62616	97306	6732/	05203	83707	85710	88522
091	80611	56636	99305	854//	04202	85710	86715	88620
005	81215	80025	05104	854//	01400	84618	88656	
075	81217	62606	01806	852//	05207	86705	88620	
010	81113	58618	01008	874//	07204	88710		
049	80905	74036	00006	855//	05400	88620		
026	70000	80021	00405	755//	05302	87624		
022	43605	82011	00503	45600	02000	84635		
100	30112	87011	98807	35600	04400	81630	83640	
917	83405	26506	98407	854//	06307	83714	88623	
980	60212	80012	99308	664//	06307	84711	84645	
976	73506	64808	00908	784//	07210	81714	85820	87636
965	10000	05466	00404	15600	03316	81632		
969	82905	57606	98606	4567/	06208	84640	88458	
962	83508	65022	00107	857//	06220	88656		
952	73303	70031	99207	754//	07313	83715	87645	
953	60108	62258	00609	62500	06222	86821		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97041	05	ro	ifro
862	93051	02	pro	proro
871	05071	06	proro	rororr
797	02061	03	ido	irproPr
776	01051	00	doro	proPrro
775	93061	00	ro	ror
772	94061	04	rroro	ro
586	01051	03	rodorodrdo	+
590	01052	03	iroir	+
497	03052	02	irorro	+
502	03071	06	iRrrroro	iroir
627	01061	05	ro	roroiro
628	97051	03	ro	+
715	93071	05	iro	proiro
707	05081	05	pro	pRpro
827	00061	02	+	+
817	03071	02	proPR	pro
804	00081	05	+	+
809	97051	51	+	+
894	02081	07	+	pro
534	01061	05	dodororo	roroiror
559	92051	03	iro	+
462	94051	02	dodriro	+
354	05062	06	DRff	DRrrff
414	16071	06	idodororr	rrro
360	06071	07	rorodododrdoro	dororororrR
396	92072		ff	iroido
257	91071	06	ro	doiro
262	02061	05	rrir	+
222	02071	06	drdorodoro	dorodorororo
302	10072	07	rororr	rrroro
334	07071	06	roroRf	rorodrrrf
318	03071	06	ror	roro
204	04071	06	rrroro	roro
131	09062			
162	94071	04	rroro	roro
135	01061	04	roro	roro
140	01061	05	irororo	roro
171	04051	05	rrororro	rrorodorodoro
091	13052	04	dododrrRrr	rrroro
005	91041	03	ido	iro
075	03051	04	idororo	roroiro
010	01052	03		
049	97051	03	+	iro
026	00041	03	+	+
022	00031	51	+	+
100	00051	02	+	+
917	95051	03	roro	do-dororo
980	00081	05		
976	03061	02		
965	01031	03		
969	01061	05		
962	91061	05		
952	97071	03		
953	01071	04		

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OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70331	30004	72314	97022	08502	755//	00720	87632	/////	05753	10583	30101	99503
B	99565	70510	30003	83614	98028	26151	884//	00105	82815	88625	0//57	10343	30403	05704
C	99527	70354	30004	82824	98022	20206	855//	00309	88625	/////	0//02	10832	30605	/////
D	99432	70416	30003	21617	98018	24415	25500	52815	82630	/////	0//10	11624	30302	03702
E														
I	99584	70169	30004	71103	98251	07507	785//	81205	83820	87630	0//02	10985	3//00	07107
J	99524	70201	30004	73420	98211	10909	755//	00213	87625	/////	0//06	11241	30404	34006
K														
M	99660	10019	30004	81604	98022	15301	856//	00813	88635	/////	06155	10717	30301	02903

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	30064	82328	97607	01304	6752/	81748	86725	/////	05501	10640	30406	/////
B	99565	70510	30063	80305	97268	24751	884//	00709	83815	88625	0//58	10394	30000	05703
C	99526	70353	30064	82822	98022	20305	855//	00104	88625	/////	0//02	10853	30705	/////
D	99432	70430	30063	81620	97021	18515	65507	63732	86630	/////	0//13	11583	30403	/////
E														
I	99588	70179	30064	82806	97205	06107	854//	61710	83710	88625	0//03	10987	30201	07604
J	99524	70200	30064	23221	98021	12309	21400	00309	82818	/////	0//04	11243	30404	34007
K														
M	99659	10016	30064	81512	98022	11703	856//	00716	88635	/////	05753	10650	30301	02903

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