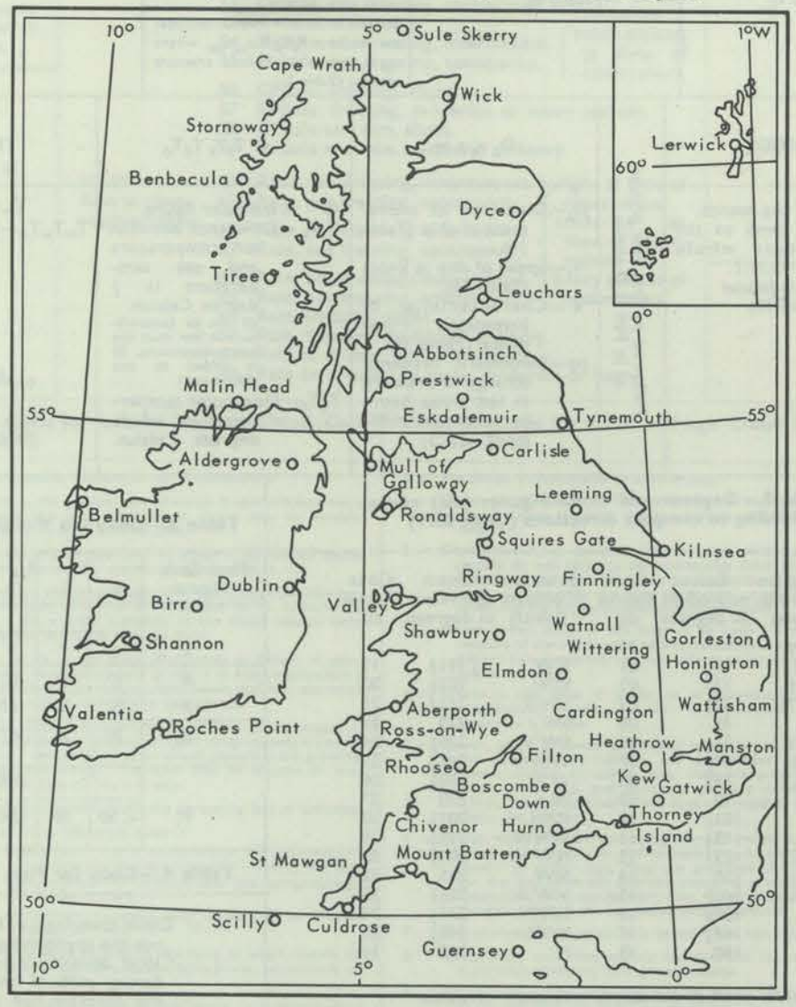
THE DAILY WEATHER REPORT

(INTRODUCTION)

1st July to 30th September, 1971

Stations published in the Daily Weather Report



METEOROLOGICAL OFFICE
Bracknell, Berkshire

1. HISTORY

A brief history of changes in contents and format between 1st April, 1919, and December, 1949, will be found in the introduction to the British Section for 1st October to 31st December, 1949. On 1st January, 1950, the British and International Sections of the former Report, which had been issued in three sections since 1919, were combined in a single publication, the present Daily Weather Report. At the same time, the third section was published separately with the title of Daily Aerological Record. A number of changes in meteorological codes and specifications were introduced on 1st January, 1955, and incorporated in the Report. Changes in format introduced on 1st July, 1955, provided for the elements of station and ships' observations to be given in the order of the appropriate meteorological code and for some modification of the scales and projections of charts. On 1st January, 1961, the Celsius scale was adopted for reporting surface temperatures. On 1st January, 1967, the metric system was adopted for all references to heights and distances. Certain changes relating to position and wave groups in the Ship-Code (FM 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.
		(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.
		(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)†
		(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.
		(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. (generally low.)
	38	Slight or moderate blowing snow.
	39	Heavy blowing snow. (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. (has become thinner during the preceding hour.)
	44	Fog or ice fog, sky discernible.
	45	Fog or ice fog, sky not discernible. (no appreciable change during the preceding hour.)
	46	Fog or ice fog, sky discernible.
	47	Fog or ice fog, sky not discernible. (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. slight at time of observation.
	51	Drizzle, not freezing, continuous. slight at time of observation.
	52	Drizzle, not freezing, intermittent. moderate at time of observation.
	53	Drizzle, not freezing, continuous. moderate at time of observation.
	54	Drizzle, not freezing, intermittent. heavy (dense) at time of observation.
	55	Drizzle, not freezing, continuous. 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. slight at time of observation.
	61	Rain, not freezing, continuous. slight at time of observation.
	62	Rain, not freezing, intermittent. moderate at time of observation.
	63	Rain, not freezing, continuous. moderate at time of observation.
	64	Rain, not freezing, intermittent. heavy at time of observation.
	65	Rain, not freezing, continuous. 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. slight at time of observation.
	71	Continuous fall of snow flakes. slight at time of observation.
	72	Intermittent fall of snow flakes. moderate at time of observation.
	73	Continuous fall of snow flakes. moderate at time of observation.
	74	Intermittent fall of snow flakes. heavy at time of observation.
	75	Continuous fall of snow flakes. 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.
		(thunderstorm during the preceding hour, but not at time of observation.)
		(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 cumuliform tufts : the various elements of the cloud change only slowly and are all at a single level.
4	Patches (often in the form of almonds or fishes) of altocumulus, the greater part of which is semi-transparent ; the clouds are at one or more levels and the elements are continually changing in appearance.
5	Semi-transparent altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky : these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.
6	Altocumulus resulting from the spreading out of cumulus.
7	Any one of the following cases :— (a) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky. (b) Opaque layer of altocumulus not progressively invading the sky. (c) Altocumulus together with altostratus or nimbostratus or both.
8	Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.
9	Altocumulus, generally at several levels, in a chaotic sky : dense cirrus is usually also present.
/	Altocumulus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

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

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

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

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

Note 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. 188 — MONTHLY SUMMARY — For AUGUST 1971

CHANGEABLE

A complex low pressure system persisted over the British Isles from the 1st to 5th. By the 6th, the low had transferred to the Norwegian Sea leaving a trough extending southwards over the British Isles. Meanwhile a depression deepened south of Greenland and moved east, and the associated fronts followed a weak ridge across the British Isles on the 7th and 8th. The Azores anticyclone was intensifying and a ridge formed over France on the 9th, and by the 10th, a separate centre had formed over central Europe. During the 9th, a wave depression which formed on the cold front south of Ireland moved east on the 10th, and later eastnortheast. This was followed by a depression from the Atlantic which reached western Ireland on the morning of the 12th. An area of low pressure then remained over the British Isles until the 15th. During the 15th a ridge from an anticyclone over the central north Atlantic extended across the United Kingdom and into central Europe. The ridge persisted over Scotland and northern England until the 20th, but, after the 17th, central and southern areas were influenced by a thundery low centred over Biscay and western France which persisted until the 23rd. On the 21st and 22nd, weak Atlantic fronts affected Scotland and Northern Ireland. During the 23rd, the Azores high built northeastwards and linked with the Scandinavian high. The high pressure area weakened on the 25th as a depression deepened south of Iceland and the associated frontal system moved southeastwards across the country on the 26th. After a weak ridge on the 27th, further fronts crossed the country on the 28th, and a small wave moved across northern England on the 29th. An unstable westerly airstream with minor troughs then covered the British Isles until the end of the month.

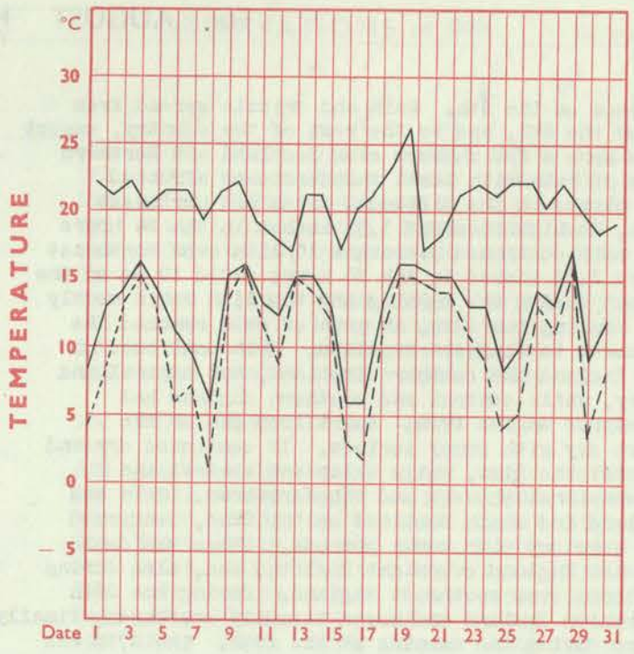
From the 1st to the 5th, the weather was unsettled. In all areas there were showers or longer periods of rain which were heavy at times and thunderstorms also occurred. Overnight 4/5th, in the central London area, the rain was very heavy and in the 24 hours ended 10 am on the 5th, Walthamstow recorded 2.29 inches. London Weather Centre measured 1.97 inches, the highest 24 hour reading since records began in 1940. On the 6th East Anglia and southeast England were mostly dry, elsewhere there were showers and isolated thunderstorms, and these moved eastwards to affect the drier areas on the 7th. Rain and drizzle spread from the west across northern areas on the 8th, and to the rest of the country, except the southeast on the 9th. There were a few showers over Scotland and Northern Ireland on the 10th, but an area of rain with local thunderstorms affected England and Wales. A number of places in the Midlands, Wales and northwest England had over an inch of rain, Mumbles recorded 3.35 inches in the 24 hours ended at 6 pm on the 10th. The rain continued overnight 10/11th over northeast England, and Bridlington measured 2.82 inches in the 24 hours ended 10 pm on the 11th even though the rain died out during the morning and the 11th was a mostly dry day over the whole country. During the 12th, an area of rain reached the country from the southwest and moved to southern Scotland. Rain continued on the 13th and 14th over northern England and southern Scotland, but central and northern Scotland were mostly dry, while central and southern England had occasional showers with thunderstorms on the 14th. Apart from one or two showers, the 15, 16 and 17th were dry with sunny periods. It continued dry and sunny over northern districts until the 21st, while Wales and central and southern areas of England had occasional showers and thunderstorms. Rain and thunderstorms over northern England and south Scotland on the 22nd, continued on the 23rd. The 24th and 25th were dry with sunny periods. There was dense fog over the Midlands and northeast England overnight 25/26th, and, also during the night, showers and thunderstorms over southeast England. During the 26th rain moved into Scotland and Northern Ireland and moved steadily eastwards, finally clearing the southeast of England during the morning of the 27th. The 27th was mostly dry but occasional rain and drizzle moved eastwards across the United Kingdom on the 28th. On the 29th and 30th there were further showers in all areas with isolated thunderstorms but on the 31st the rain and showers were mostly confined to Scotland. Temperatures during the month were near or a little below average and, apart from northern Scotland sunshine amounts were also below normal. Rainfall was rather variable but apart from Scotland and places in the west and along the south coast rainfall amounts were above the August normal.

PLACE	TEMPERATURE										SUNSHINE										RAINFALL											
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% of average	Highest and lowest totals on record for month: 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	Highest and lowest totals on record for month: 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	20.4	-0.7	12.4	+0.2	25.7	19	05.6	08	00	00	02	13.0	17	155	083	1880	279	1947	109	1912	11	32	04	085	149	1866	165	1878	02	1940	03	00	00
Thorney Island	19.9	-1.3	13.6	+0.8	25.6	18	09.0	08	00	00	03	12.6	17	155	078	1958	243	1959	143	1968	11	15	20	045	083	1941	141	1960	21	1947	06	00	00
Gorleston	19.8	+0.2	13.9	+0.5	23.9	28	08.9	08	00	00	02	13.0	16	161	085	1906	307	1947	109	1968	17	32	07	079	155	1914	136	1954	07	1937	02	00	01
Cardington	20.5	-1.2	11.7	+1.0	25.9	19	04.5	17	00	00	05	13.4	16	136	074	1954	225	1959	111	1968	13	15	14	073	152	1953	083	1966	13	1964	07	00	01
Boscombe Down	20.1	-0.8	11.9	+0.6	23.0	25	04.9	16	00	00	03	12.7	25	148	080	1933	280	1947	119	1968	14	07	13	042	071	1931	118	1951	06	0940	04	00	00
Ross-on-Wye	20.1	-0.6	12.3	+0.5	23.8	09	05.2	16	00	00	02	12.2	25	129	075	1914	275	1947	107	1922	16	33	09	085	139	1859	202	1878	04	1936	03	00	00
Rhoose	19.3	-0.2	12.8	+0.6	24.1	20	07.6	16	00	00	01	13.1	16	134	069	1954	231	1955	133	1958	08	22	13	114	130	1954	156	1956	22	1955	06	00	00
Mount Batten	19.3	0.0	14.0	+1.0	24.0	20	08.7	16	00	00	00	12.2	05	163	082	1921	282	1947	114	1958	14	26	13	085	116	1948	159	1952	34	1964	02	00	00
Elmdon	20.1	-0.3	11.1	0.0	23.8	09	04.1	16	01	00	02	13.1	16	136	079	1928	239	1947	114	1948	14	26	09	109	176	1933	136	1946	05	1940	05	00	00
Valley	18.1	-0.3	12.6	0.0	21.8	25	06.0	17	00	00	03	13.2	02	150	082	1913	284	1947	102	1948	15	11	12	058	078	1946	210	1956	05	1959	00	00	00
Ringway	19.0	-0.9	11.9	+0.5	23.2	20	06.9	16	00	00	03	13.1	17	142	094	1945	259	1947	089	1948	13	19	10	110	136	1929	209	1931	11	1947	03	00	00
Watnall	19.5	-0.9	11.3	+0.1	23.0	20	06.0	16	00	00	05	12.2	17	108	069	1948	203	1959	098	1963	16	19	10	117	177	1946	152	1956	06	1947	05	00	00
Finningley	20.2	-0.9	11.4	0.0	23.6	20	07.4	26	00	00	04	11.5	17	130	081	1958	199	1959	112	1963	17	14	14	074	135	1958	116	1970	09	1959	04	00	00
Tynemouth	16.9	-0.7	11.9	-0.4	21.4	02	09.8	16	00	00	04	12.3	25	124	084	1936	196	1936	090	1942	14	39	13	107	139	1864	165	1900	04	1947	01	00	00
Eskdalemuir	16.5	-0.9	08.9	0.0	21.8	20	04.3	08	00	00	06	12.6	20	094	073	1910	260	1947	044	1912	11	23	13	103	074	1910	262	1923	01	1947	01	00	00
Abbotsinch	18.0	-0.8	10.6	-0.2	23.5	20	05.8	15	00	00	05	13.2	20	114	083	1921	222	1947	085	1942	13	29	05	100	118	1920	153	1943	00	1947	02	00	00
Leuchars	17.7	-0.6	10.2	-0.4	22.6	25	04.9	18	00	00	03	13.4	15	137	090	1922	214	1947	097	1963	19	22	05	061	090	1922	192	1930	07	1955	03	00	00
Dyce	17.4	-0.1	08.9	-0.7	21.6	01	01.4	18	02	00	04	13.5	18	160	109	1925	257	1947	076	1963	22	28	04	056	071	1946	162	1962	00	1947	01	00	00
Stornoway	15.6	-0.4	08.9	-1.7	20.5	19	03.0	(a)	03	00	02	13.7	13	153	115	1880	262	1899	075	1942	09	17	31	065	077	1943	146	1962	13	1947	00	00	00
Aldergrove	17.5	-0.8	11.1	+0.4	22.4	21	06.4	15	00	00	07	14.0	15	120	089	1927	267	1947	082	1942	12	21	05	094	102	1926	161	1956	09	1947	01	00	00

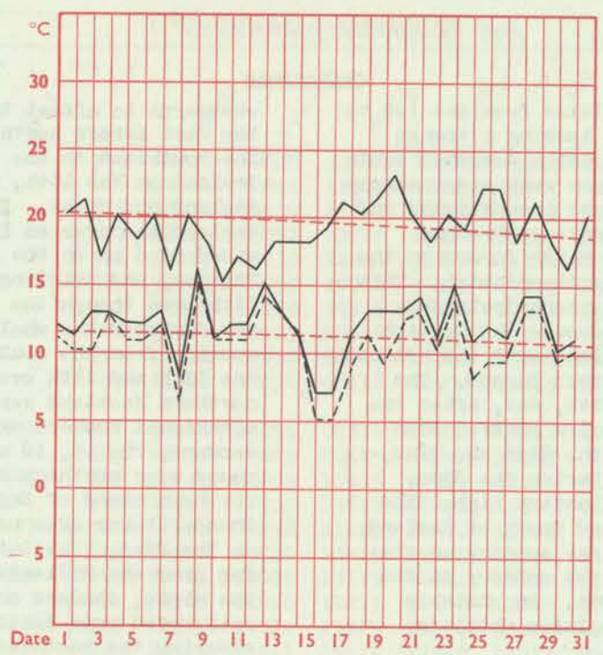
(a) 15, 18.

Correction to Monthly Summary No. 187 for July 1971
Eskdalemuir: Days of no rain 20.

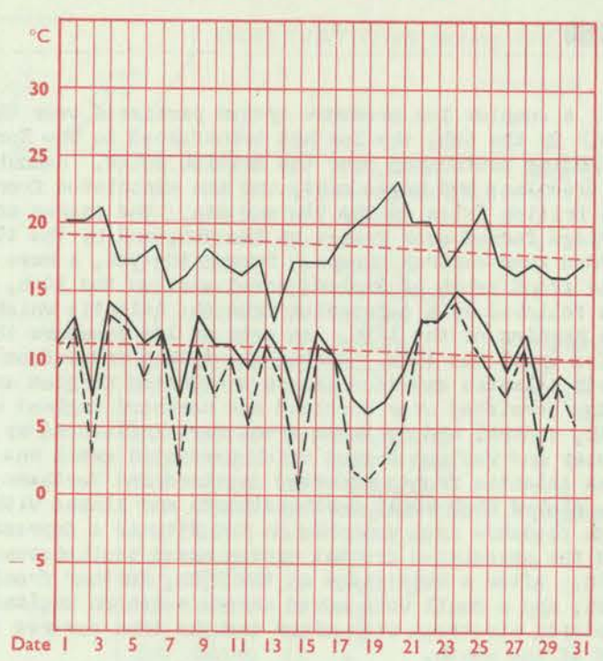
LONDON (Kew)



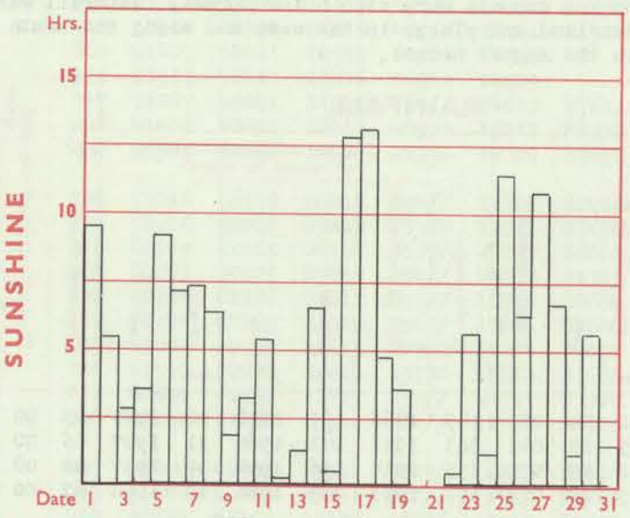
MANCHESTER (Ringway)



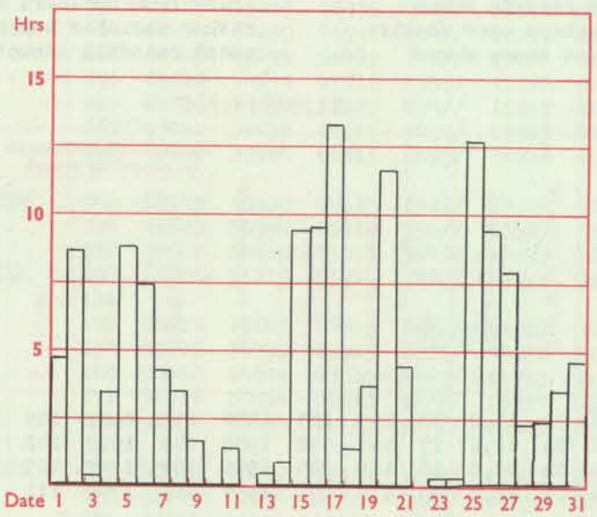
GLASGOW (Abbotsinch)



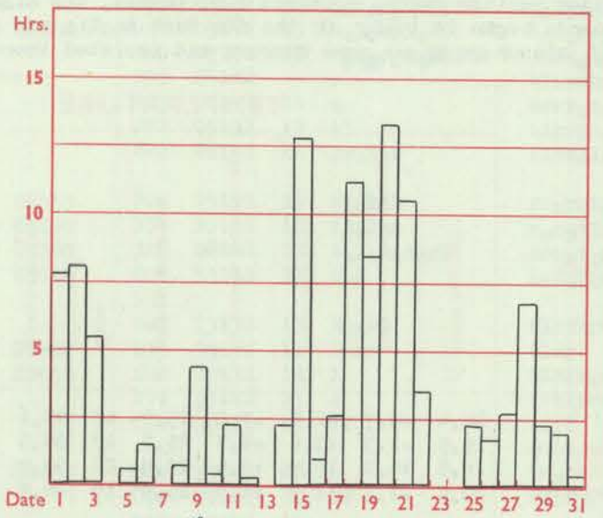
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1931–1960)



Total for month 155 30-year (1931–1960) average 188 hrs.

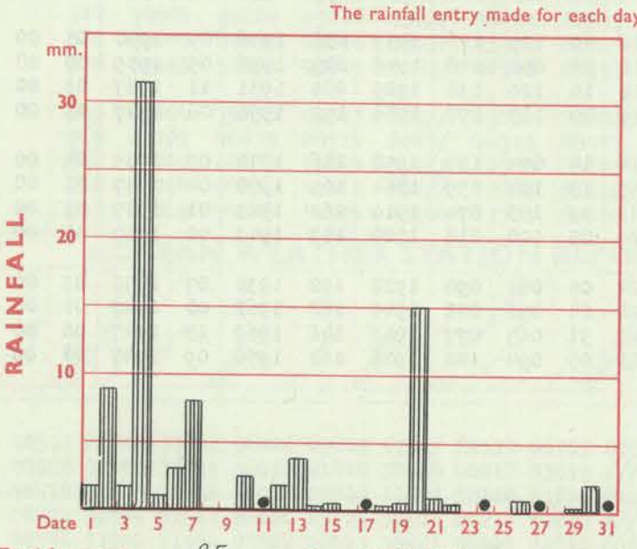


Total for month 142 30-year (1931–1960) average 151 hrs.

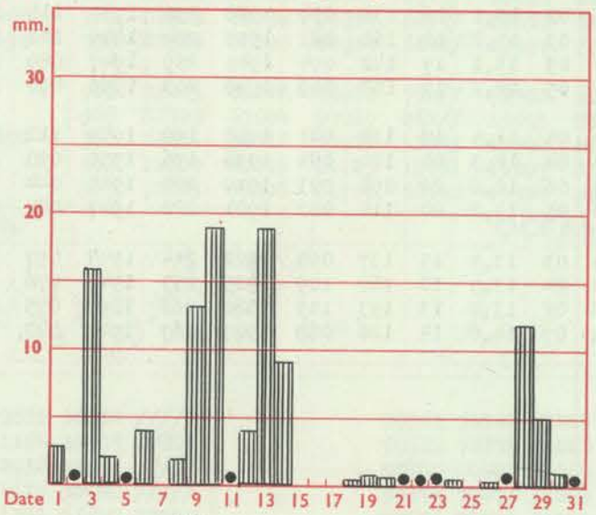


Total for month 114 30-year (1931–1960) average 137 hrs.

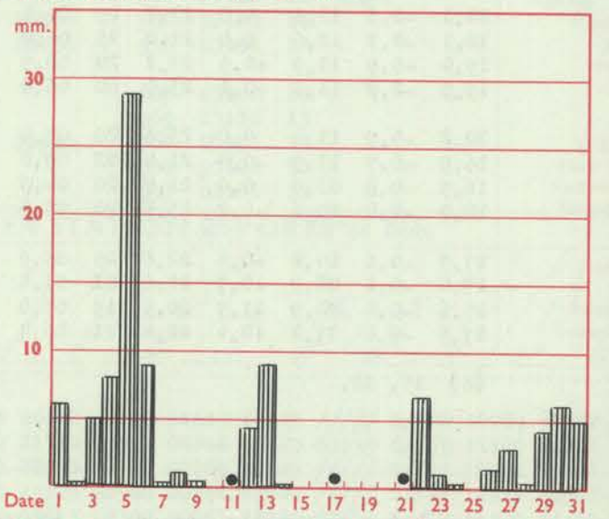
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 85 35-year (1916–1950) average 57 mm.



Total for month 110 35-year (1916–1950) average 81 mm.



Total for month 100 35-year (1916–1950) average 85 mm.

RATES OF SUBSCRIPTION: Single copy 4p or post free 6p ; one year 55p : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40064

Date of Issue Sunday 1 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 31 July 1971

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	72917	80038	13221	69531	10107	81925	83830	
Hurn	862	62217	83031	14820	48602	12110	83830	85075	
Thorney Island	871	32420	84020	14920	31601	12211	83830		
Manston	797	22416	85011	13322	21600	12111	82835		
Gatwick	776	52416	81011	14120	52600	13108	85835		
Kew	775	42212	82021	13021	42600	10206	84842		
Heathrow	772	32414	83011	13022	38601	10208	82835		
Honington	586	42317	82031	10821	42600	10206	84830		
Wattisham	590	42516	82011	11420	42500	10209	84828		
Gorleston	497	42219	60031	11120	42500	09209	84825		
Aberporth	502	62418	80012	11817	68500	13215	82822	86635	
Ross-on-Wye	627	62512	82021	11419	685//	12216	84825	86635	
Filton	628	32620	82258	13319	28501	12113	82823		
Rhoose	715	52521	82018	13117	48401	13212	84815		
Chivenor	707	52618	82021	14319	38530	13212	82820	84360	
Mount Batten	827	42316	83018	15518	38531	13109	83822		
St. Mawgan	817	62519	82038	15418	38432	12110	83818	85362	
Scilly	804	72611	81031	16518	48532	13211	82821	83628	85365
Culdrose	809	52715	82021	15619	33432	15106	81918	83822	
Guernsey	894	32420	80030	17618	11432	14108	81810	83075	
Elmdon	534	72520	83028	10119	786//	11211	84831	85645	
Cardington	559	42320	80011	11221	48600	11106	83830		
Wittering	462	72317	82022	09820	725//	10208	87828		
Watnall	354	72414	80038	09218	784//	13211	84818	86656	
Shawbury	414	62418	78256	09617	684//	12113	83818	83626	85650
Finningley	360	72417	82032	07719	68572	13211	86825	83656	
Kilnsea	396	32720	66018	07220	22570	12304	82825		
Leeming	257	72511	69809	06318	22542	13802	82825	86360	87070
Tynemouth	262	61903	32059	05816	2357/	15709	82925	86358	
Carlisle	222	82203	62626	06015	7837//	14104	82706	83822	86640
Valley	302	82423	66256	08815	883//	14211	81707	83815	88620
Ringway	334	82314	65809	08416	7841/	13215	84812	87650	88458
Squires Gate	318	82421	75258	07616	7847/	14209	81714	86817	88360
Ronaldsway	204	82512	58616	06215	862//	13205	84705	88706	
Mull of Galloway	131	80000	16054	05115	862//	13104	88703		
Eskdalemuir	162	82206	69216	05614	884//	13501	82711	83824	88634
Prestwick	135	80000	59616	05516	6847/	14000	84710	85640	87358
Abbotsinch	140	82803	60616	05515	7732/	15707	82707	87709	88458
Leuchars	171	80612	28289	06314	871//	14608	87702	88703	
Dyce	091	91008	01474	07513	9////	13717	89/01		
Lerwick	005	70705	86026	10315	5537/	12711	81706	84628	86359
Wick	075	71107	28104	08312	760//	12710	82701	87703	87630
Sule Skerry	010	71002	66014	08114	5547/	13714	82715	85620	87460
Cape Wrath	049	70902	66014	06613	36405	12707	83712	87070	
Stornoway	026	80408	60506	06813	853//	13713	83706	88625	
Benbecula	022	80806	70602	06317	5567/	14708	81632	85645	88460
Tiree	100	72606	58056	06117	5869/	14803	82840	84656	87360
Aldergrove	917	73509	56016	06417	6837/	15105	82708	84625	87360
Malin	980	82807	66102	06917	6547/	15203	82713	85645	88359
Belmullet	976	72611	83036	09517	68482	13102	82717	85820	
Birr	965	62710	82036	10018	685/2	11002	85823		
Dublin	969	72716	82256	08817	784//	13212	82713	83820	85640
Shannon	962	72615	86028	11318	785//	12305	84826	85650	
Roches Point	952	72318	82808	12316	734/2	12101	84918	87640	
Valentia	953	82312	75038	12117	5253/	13501	85820	86359	

OBSERVATIONS at 18h. 31 July 1971

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	52708	85258	14817	48631	14306	83830	83645	
Hurn	862	22215	80021	15819	13601	12106	81935		
Thorney Island	871	22419	83031	15919	12642	12105	81835		
Manston	797	12218	82011	15019	11501	12110	81828		
Gatwick	776	42316	82028	15319	18531	13208	81826	83075	
Kew	775	42109	82021	14319	48601	13305	82838	83650	
Heathrow	772	52510	75151	14121	586/1	10303	83840	83656	
Honington	586	22314	82011	12421	18601	08310	81840		
Wattisham	590	12615	82021	12921	12601	07209	81830		
Gorleston	497	52110	66021	12721	33642	10209	83930		
Aberporth	502	62114	82021	12917	12532	11208	81822	85359	
Ross-on-Wye	627	22310	77011	13319	18641	10211	81830		
Filton	628	12517	85010	14719	18531	10207	81828		
Rhoose	715	52515	81031	14517	48431	12105	81816	83635	
Chivenor	707	72512	66808	15217	4255/	13303	84825	86360	
Mount Batten	827	52514	80021	16117	22532	13303	82820	84360	
St. Mawgan	817	72516	82021	15717	4853/	12400	82822	83640	86362
Scilly	804	72514	58801	15917	784//	13803	84816	87640	
Culdrose	809	72711	80022	16116	5853/	13101	83820	85650	
Guernsey	894	32614	80030	18118	18432	14304	81815	83075	
Elmdon	534	42417	84028	12320	48641	10208	82835	83650	
Cardington	559	12314	70021	13121	18601	09209	81835		
Wittering	462	22411	82011	11921	13631	11109	81935		
Watnall	354	32613	85018	11518	12542	11212	81828		
Shawbury	414	62513	86038	12017	48542	11213	82828	83645	85070
Finningley	360	52418	85038	10419	58631	13312	81830	83645	
Kilnsea	396	32720	66021	09720	22571	11211	82825		
Leeming	257	62415	78018	08418	68532	13211	82825	85650	
Tynemouth	262	62509	66028	06417	3257/	14303	83825	86358	
Carlisle	222	72408	40058	07015	783//	14311	83706	86710	86820
Valley	302	72318	74252	10815	785//	14107	83825	87650	
Ringway	334	72413	78258	11017	48562	11316	82820	83650	
Squires Gate	318	72520	82028	10416	784//	13217	84818	87650	
Ronaldsway	204	82612	70606	09615	873//	13218	81708	87650	
Mull of Galloway	131	82810	60616	07814	5642/	13216	85718	88460	
Eskdalemuir	162	82706	66258	06016	885//	13207	82821	88642	
Prestwick	135	82509	40606	06515	6522/	14206	81703	83707	86616
Abbotsinch	140	80000	58608	05915	853//	14104	82706	84616	88650
Leuchars	171	71006	32102	05415	7527/	14501	82704	83618	87645
Dyce	091	80802	32616	05114	850//	13810	82701	84703	88640
Lerwick	005	80908	66024	07414	7527/	12715	81703	83707	87630
Wick	075	91005	03474	05212	9////	12716	89/01		
Sule Skerry	010	80805	58602	05714	5742/	13711	85715	88458	
Cape Wrath	049	70905	74022	03814	784//	13711	84812	87618	
Stornoway	026	83408	35106	05213	853//	13803	84708	88616	
Benbecula	022	83204	61616	05614	3517/	14602	81702	83640	88460
Tiree	100	82610	57606	05815	5567/	14500	85635	86358	88460
Aldergrove	917	72806	75216	08714	5547/	13010	82710	85626	87458
Malin	980	82815	80216	08115	3547/	13209	83710	88458	
Belmullet	976	72408	81216	09515	58422	14703	83718	83640	85458
Birr	965	72305	84028	10716	5857/	11203	83822	83645	86462
Dublin	969	72510	88258	10118	6854/	11304	83825	86656	
Shannon	962	72408	82152	10616	735//	12705	84922	85650	
Roches Point	952	42116	81038	11616	48472	13806	81817	84640	
Valentia	953	72008	75028	10717	724//	13612	87818		

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	95221	095	pr$_o$	pr$_o$
Hurn	862	00210	136	+	+
Thorney Island	871	00210	132	+	+
Manston	797	00230		+	+
Gatwick	776	97230	087	pr$_o$	+
Kew	775	91221	102	+	pr$_o$pr
Heathrow	772	91241	109	+	pr$_o$
Honington	586	00230		+	+
Wattisham	590	00220	117	+	+
Gorleston	497	00230	120	+	+
Aberporth	502	00190	088	+	jp
Ross-on-Wye	627	00210	104	+	+
Filton	628	96200	098	pr$_o$	+
Rhoose	715	01190	095	pr$_o$Pr$_o$	pr$_o$
Chivenor	707	91201	095	+	pr$_o$
Mount Batten	827	97190	114	pr$_o$	+
St. Mawgan	817	97190	102	pr$_o$	jp
Scilly	804	02192	075	+	pr
Culdrose	809	00190	097	+	+
Guernsey	894	00206	142	+	+
Elmdon	534	97210	080	pr$_o$	pr$_o$
Cardington	559	00230	124	+	+
Wittering	462	00221	092	+	+
Watnall	354	95211	081	pr$_o$pr	+
Shawbury	414	97201	046	r$_o$pr$_o$	+
Finningley	360	97211	054	pr$_o$	+
Kilnsea	396	00210	089	+	+
Leeming	257	97191	025	pr$_o$ir$_o$	ir$_o$
Tynemouth	262	04191	014	tl-rr-pr	+
Carlisle	222	05171	000	r$_o$r$_o$Rrpr$_o$	pr$_o$r$_o$r$_o$
Valley	302	97171	009	ir$_o$id$_o$pr$_o$	pr$_o$
Ringway	334	97191	023	r$_o$pr$_o$	pr$_o$
Squires Gate	318	01171	000	pr$_o$prir$_o$	+
Ronaldsway	204	02161	000	r$_o$r$_o$-dr-r	r$_o$r$_o$r
Mull of Galloway	131	01161			
Eskdalemuir	162	01171	000	r$_o$rpr$_o$	pr$_o$t$_o$rr$_o$
Prestwick	135	07161	000	ir$_o$RRr$_o$r$_o$	ir$_o$d$_o$r$_o$id$_o$
Abbotsinch	140	06161	000	rrr$_o$r$_o$	prir
Leuchars	171	10161	006	r$_o$fftlR	d$_o$dr
Dyce	091	04151	000	ffFFRrr$_o$	rr$_o$r$_o$
Lerwick	005	97150	002	ir$_o$iF	FF
Wick	075	00131	000	ff	fftl
Sule Skerry	010	30142			
Cape Wrath	049	05151	019	FF	rlRff
Stornoway	026	96151	009	ir$_o$irid$_o$	+
Benbecula	022	01181	005	ir$_o$	r$_o$r$_o$ir$_o$
Tiree	100	93181	001	ir$_o$	ir$_o$r$_o$r$_o$
Aldergrove	917	18172	002	r$_o$-r$_o$r$_o$rR	r$_o$-r$_o$r$_o$
Malin	980	0218	001		
Belmullet	976	0118	066		
Birr	965	9219	031		
Dublin	969	9120	016		
Shannon	962	9719	055		
Roches Point	952	9718	083		
Valentia	953	9318	015		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

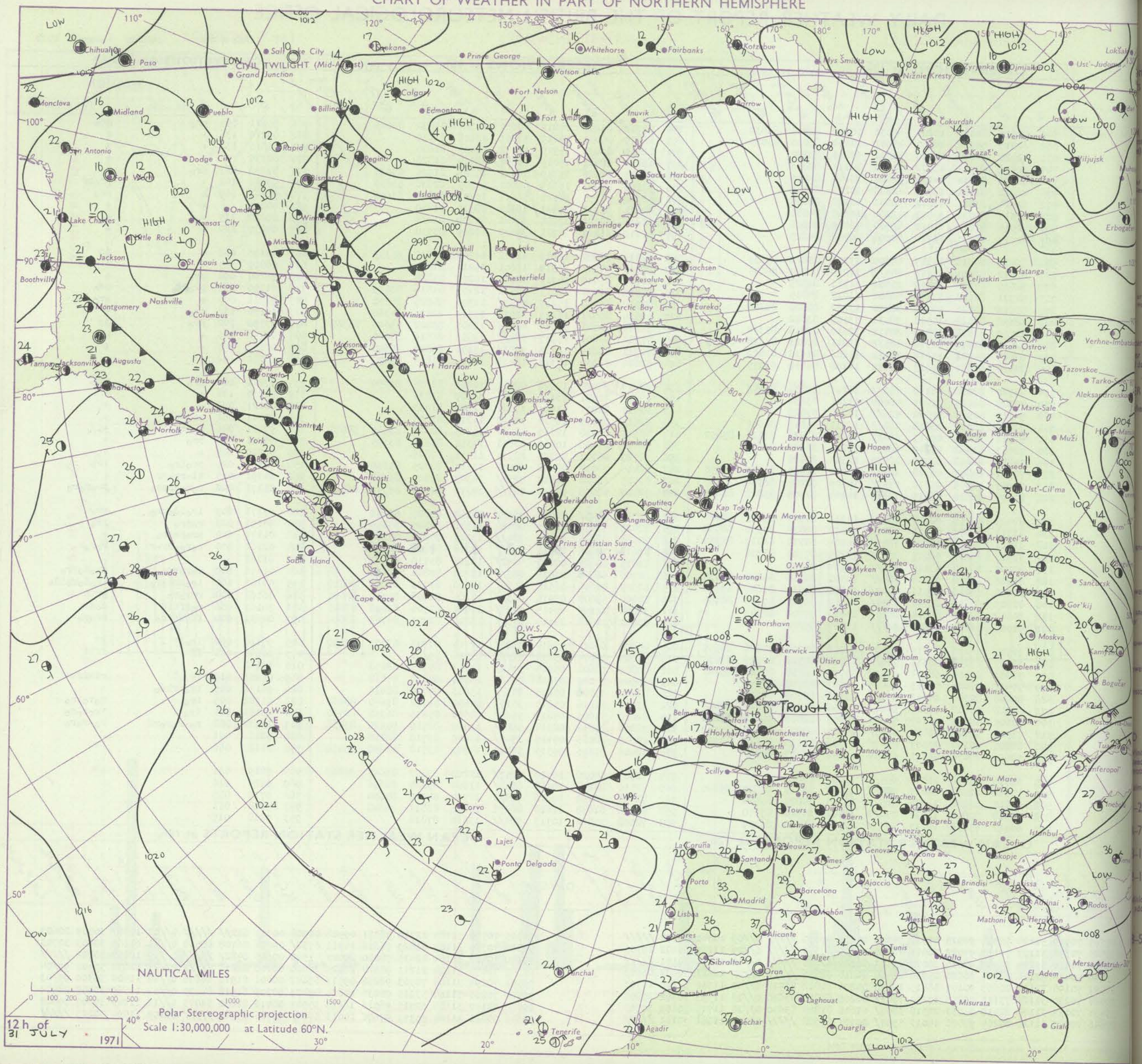
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	31124	72304	98028	07511	75600	00310	87635	/////	0//09	10841	30302	/////
C	99525	70356	31123	72113	97022	20911	70970	00704	87359	/////	0//09	11139	30402	29703
D	99439	70410	31124	32708	98010	30020	21501	00110	82825	/////	0//18	12164	30101	/////
E	99346	70474	31124	21311	98020	25926	22500	00210	82820	/////	0//22	12581	30402	06703
I	99591	70194	31124	20603	98151	08813	23430	00206	81812	81912	0//11	11366	3//00	16703
J	99525	70200	31124	73111	97258	10214	784//	00208	84818	86630	0//12	11593	30302	29806
K	99454	70153	31124	82418	98032	20518	3857/	61808	81825	83640	0//14	11715	30605	30802
M	99646	70020	31124	80209	97026	14011	5557/	00707	85628	/////	00109	11081	30101	/////

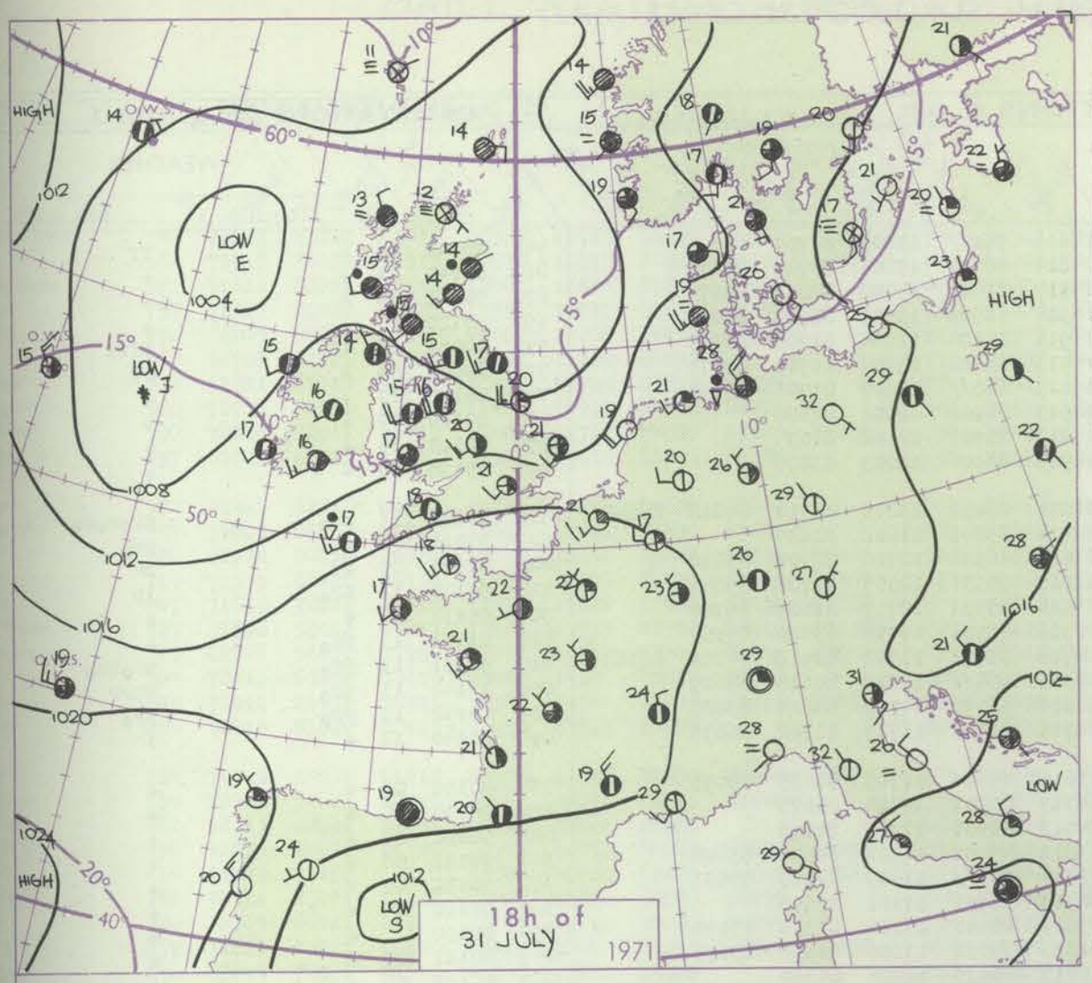
OCEAN WEATHER STATION REPORTS at 18h.

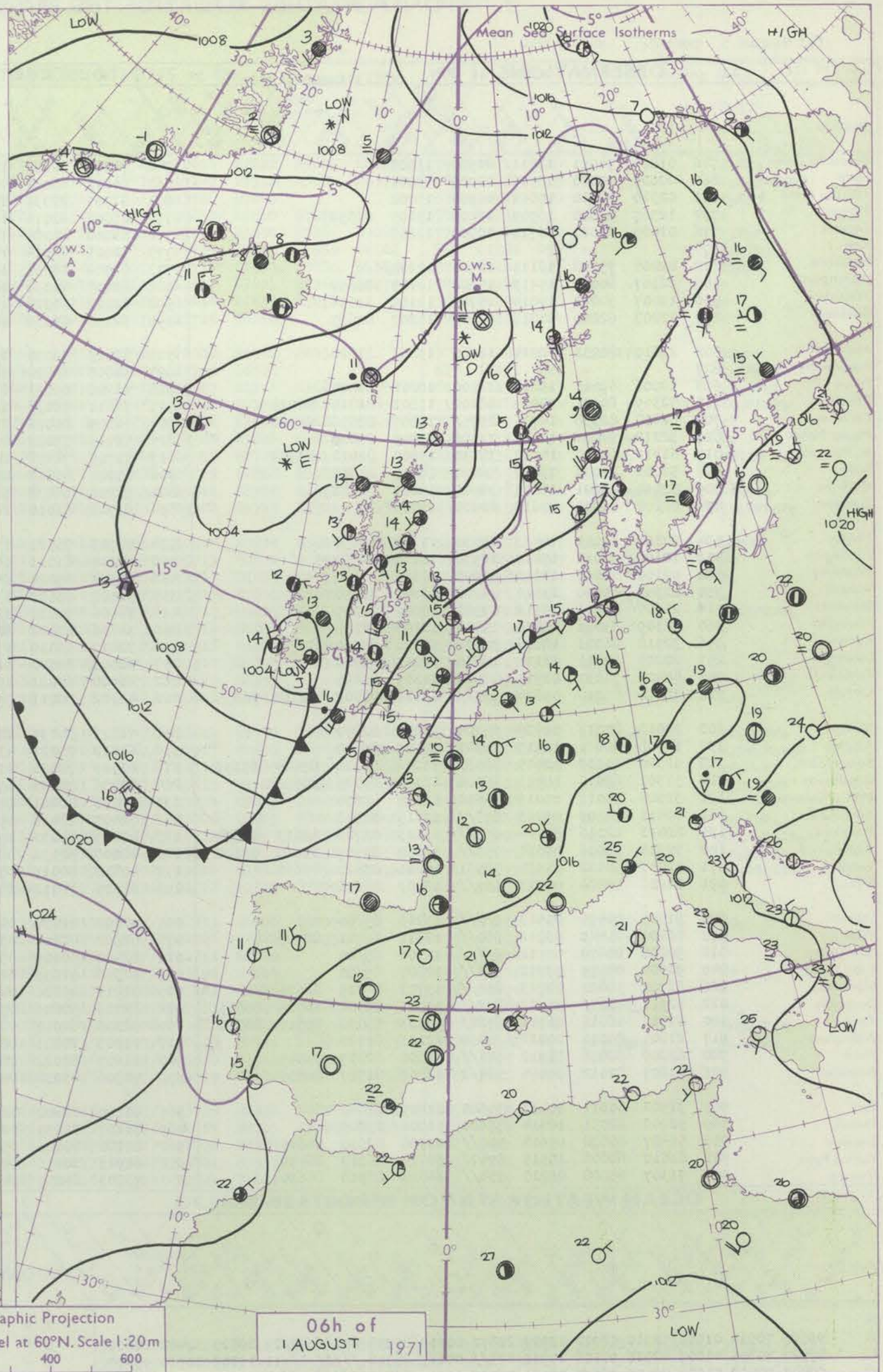
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	31184	22718	98021	09908	00908	00315	822//	/////	0//07	10807	30503	20603
C	99526	70355	31183	81823	96616	14911	6732/	00824	86708	88540	0//11	11166	30403	30703
D	99440	70410	31184	42415	98020	29021	41500	00606	84822	/////	0//19	12257	30202	/////
E	99347	70475	31184	21211	98028	26625	28400	00400	82818	/////	0//21	12636	30402	99/04
I	99591	70194	31184	70303	98258	09513	63442	00001	81910	86656	0//12	11408	30300	99/03
J	99524	70200	31184	53115	98038	10814	49433	00303	81918	84825	0//12	11569	30403	28804
K	99454	70157	31184	62715	98016	13218	35542	00710	82630	83073	0//16	11746	30607	30802
M	99646	70021	31184	80313	97606	10611	5762/	00716	85745	/////	00109	11094	30203	/////

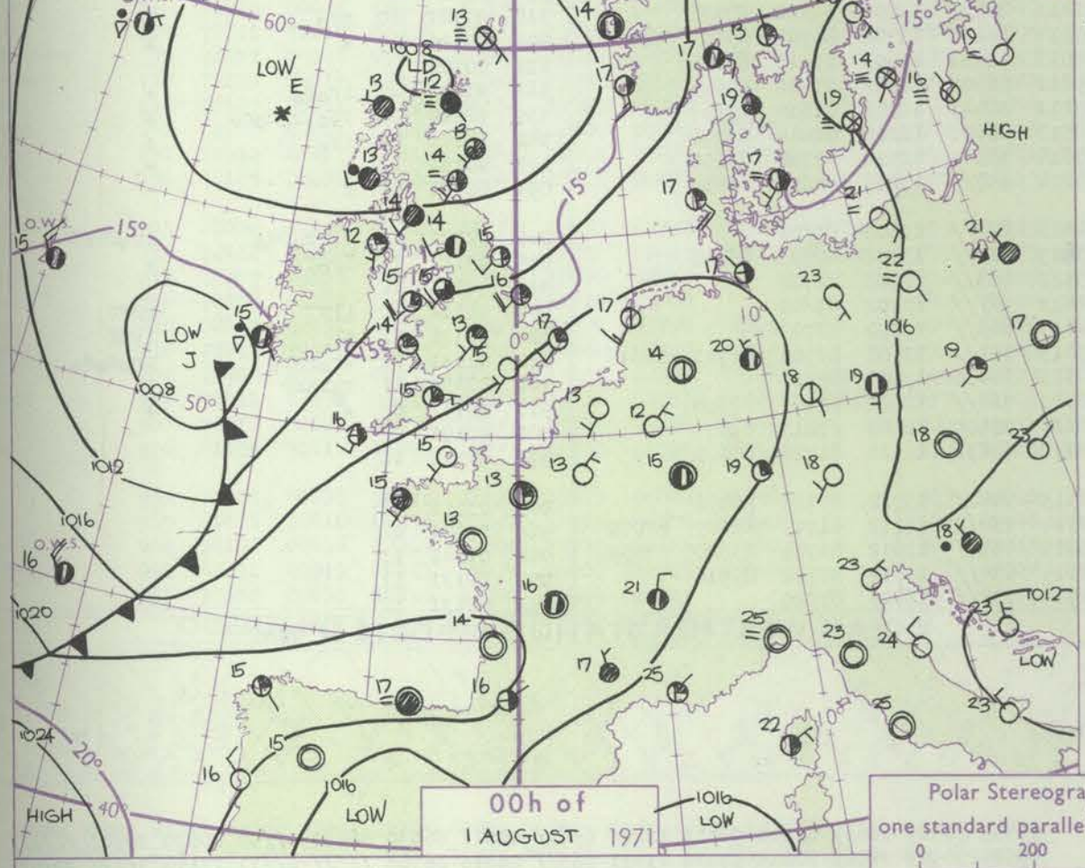
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

06h of
1 AUGUST 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 1 August 1971

The complex low pressure centres near the British Isles have persisted and one low has developed west of Ireland with a trough extending southwards. A low has formed on the triple point of an occluded system to the south of Greenland and it has made steady progress southeastwards towards France. During the next 24 hours the high pressure areas over the Azores, Greenland and western Russia will be maintained but the British Isles will be affected by considerable cyclonic activity.

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

Code FM 11.D

OBSERVATIONS at 00h. — 1 August 1971

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	01807	74011	15911	00900	11001			
Hurn	862	02007	70020	16515	00900	13001			
Thorney Island	871	02310	74020	17015	00900	14002			
Manston	797	12307	81020	16913	15700	13105	81650		
Gatwick	776	02005	65021	16713	00900	12205			
Kew	775								
Heathrow	772	02205	75018	16115	00900	12205			
Honington	586	22307	80011	15413	15801	10109	81657		
Wattisham	590	12407	74011	15614	15700	12109	81656		
Gorleston	497	22208	62020	14817	25600	11207	82635		
Aberporth	502	21610	80251	12914	12501	13803	81828		
Ross-on-Wye	627								
Filton	628	12006	69011	15214	18500	10802	81820		
Rhoose	715	52309	80031	14914	28401	11801	81810	84075	
Chivenor	707	61808	82038	14715	2575/	12807	82656	85360	
Mount Batten	827	32212	74031	15416	32500	13809	83829		
St. Mawgan	817	61810	69028	14715	38430	13809	82818	85358	
Scilly	804	52008	81038	13816	58470	14715	84818		
Culdrose	809	32410	80021	15015	38500	13810	82820		
Guernsey	894	02207	81020	17615	00900	13805			
Elmdon	534	22107	81011	14413	15730	11104	81656		
Cardington	559	12107	62011	15412	10930	10106	81360		
Wittering	462	02106	80011	14512	00900	10106			
Watnall	354	22306	69030	13812	25700	11005	82650		
Shawbury	414	21907	80011	13312	00902	10002	82075		
Finningley	360	12109	83031	12814	15700	11208	81656		
Kilnsea	396	32518	66021	12416	30970	10108	83360		
Leeming	257	22205	82011	11115	18530	12211	81820		
Tynemouth	262	42502	74032	08915	42500	14109	84825		
Carlisle	222	72410	56216	09814	753//	13115	81708	83714	86635
Valley	302	22018	80011	11715	25700	13203	82650		
Ringway	334	11708	80021	12913	15701	10103	81650		
Squires Gate	318	62320	81018	12015	3853/	13206	81822	83649	85359
Ronaldsway	204	53302	82016	10913	58500	11104	81825	85656	
Mull of Galloway	131	32008	80011	10013	35600	12107	83630		
Eskdalemuir	162	82411	48609	09213	873//	12115	88706		
Prestwick	135	82411	62216	09114	853//	13213	82708	85613	86624
Abbotsinch	140	72310	65026	07614	753//	13209	81707	85710	87640
Leuchars	171	52407	58102	05914	55531	14201	83622	85650	
Dyce	091	62206	50286	04713	657//	12803	86656		
Lerwick	005	91505	00435	04913	9////	13713	89/00		
Wick	075	81402	05449	03912	860//	12811	86701	88703	
Sule Skerry	010	90000	00479	04512	9////	12704	89/00		
Cape Wrath	049	90000	04479	03712	9////	12807	89/00		
Stornoway	026	82705	58022	04713	854//	13703	84719	88626	
Benbecula	022	82911	48616	05913	852//	13001	82704	86709	88615
Tiree	100	82612	58616	06713	6722/	13103	83703	85710	88530
Aldergrove	917	21805	80011	10012	16430	12103	81710		
Malin	980	62209	82036	08912	684//	11002	82817	84645	
Belmullet	976	51807	82012	09014	584/2	13802	81717	84635	
Birr	965	31502	80011	10413	35600	12805	83642		
Dublin	969	52202	82031	10814	55600	11001	85645		
Shannon	962	51407	80038	09614	556//	13708	82630	84645	
Roches Point	952	81810	60606	10515	6747/	14714	86713	88459	
Valentia	953	71307	65808	08215	734//	14818	86918	84630	

OBSERVATIONS at 06h. — 1 August 1971

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	71910	28284	14613	760//	13605	87701		
862	61811	62031	14815	58432	13606	84710	86070	
871	62207	82031	15315	21402	14708	82812	86075	
797	61806	62014	16514	11006	13500	81701	86075	
776	60000	32284	15911	11104	11704	81702	86075	
775	32001	66014	15413	16201	13604	81705	83075	
772	61906	59031	15113	660//	13607	81701	86704	
586	22005	61030	14913	00901	12502	82080		
590	12207	62020	15213	00902	12502	81075		
497	32106	62030	14914	00904	12003	83075		
502	71613	58038	10214	68432	13813	81710	84818	86640
627	11805	66020	12714	15641	11612	81635		
628	51706	69031	13414	48331	12710	82707	83632	
715	71411	80032	12615	58331	12509	81708	85645	
707	71209	80022	11614	28531	12717	81825	86360	
827	71915	59028	12316	48531	14715	83820	87357	
817	71715	74258	10715	3347/	13722	81912	84359	86362
804	81914	61608	09316	854//	14719	84618	88625	
809	72210	64038	11016	58570	14717	83820	83625	
894	61708	81010	14715	10932	13717	81362	86075	
534	51703	70021	13611	15601	11705	81635	84075	
559	12106	61011	14713	00901	12504	81075		
462	12304	59020	14012	00901	11704	81078		
354	52106	23101	13812	45601	11201	84640	83078	
414	71606	70031	12314	755//	11605	82620	87633	
360	31806	62020	12713	35731	11101	83650		
396	32417	66010	13615	10941	11204	81360	83075	
257	32005	62040	11813	15732	11206	81650	83075	
262	40000	74021	10213	40939	12206	84360		
222	42102	80011	09713	28431	11601	81818		
302	71815	80031	10115	48331	14606	82706	83360	87075
334	61712	75021	11814	58502	11604	81820	85640	
318	61509	70021	11413	28509	12801	81820	85175	
204	71706	70031	09914	66232	13702	81703	85704	86075
131	32008	80021	09013	12431	13605	81818	83075	
162	72407	64016	09812	56302	11302	85706	85075	
135	41403	75031	09111	38441	11301	81815	83657	
140	40000	62156	08513	28401	12205	82814	83070	
171	42412	80011	07314	35342	12310	81708	83650	
091	62305	75012	05214	657//	13206	84650	86656	
005	92202	01456	02813	9////	13606	89/01		
075	82302	40104	03613	862//	13301	87703	88706	
010	82502	40109	03112	863//	12706	88706		
049	92306	01636	02612	9////	12702	89/00		
026	82911	45026	04413	863//	13302	88707		
022	82706	58606	05413	852//	13601	82705	86711	88616
100	32306	62016	06613	28430	13400	81710		
917	71503	70031	08513	783//	12606	81707	87650	
980	31607	82022	08111	38400	10503	81817	83645	
976	70706	83038	06312	68432	12611	81716	85635	
965	81109	62608	06313	5742/	13722	85716	88458	
969	71407	82031	08314	754/2	12712	81713	86645	87070
962	81108	70606	05614	4537/	12612	81709	83620	87459
952	61913	70016	05315	634//	14617	82712	85916	
953	73503	65259	04914	735//	12507	87920		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00101	06	+	ff
862	00140	11	+	+
871	00140	10	+	+
797	97120	10	+	+
776	00080	05	iff	ifff
775	00081	04	+	ff
772	00130	10	+	+
586	00120	09	+	+
590	00110	10	+	+
497	00130	10	+	+
502	94131	11	pro	proro
627	97120	09	+	pro
628	01121	09	+	pr
715	97140	12	pro	jp
707	00131	10	+	+
827	01151	13	pro	+
817	96131	13	pro	proiro
804	12142	13	pro	RRrr
809	04142	13	pro	iro
894	00140	12	+	+
534	00100	04	+	+
559	00100	05	+	+
462	00091	05	+	+
354	97111	06	+	+
414	00111	05	+	+
360	00110	09	+	+
396	00130		+	+
257	00121	09	+	+
262	00131	08	+	+
222	03121	09	roroR	+
302	00141	12	+	+
334	00121	11	+	+
318	97121	10	pro	+
204	00121	09	+	+
131	00121			
162	93091	07	iroro	+
135	92101	08	idoirororo	+
140	94111	09	iro	+
171	00131	12	+	+
091	00121	11	f	+
005	92121	13	FFiroido	iroFFff
075	97111	11	iroff	+
010	02121	12		
049	06112	12	iiff	rrFF
026	04121	12	ir	irRR
022	01131	12	irororo	irododo
100	02131	11	rororr	+
917	00111	09	+	+
980	97101	08		
976	97111	10		
965	03151	11		
969	97121	08		
962	01141	13		
952	22131	11		
953	02131	12		

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														
B	99565	70510	01004	52310	98012	13909	20872	00219	82358	850//	0//07	10820	30402	20603
C	99527	70355	01003	82510	96106	10911	873//	00613	88708	/////	0//11	11109	30301	99/03
D	99441	70409	01004	72512	98032	29021	72500	00207	87825	/////	0//21	12247	30202	/////
E	99349	70477	01004	31110	98020	28025	32400	00307	83818	/////	0//21	12611	30401	15602
I	99590	70194	01004	70503	97808	09413	794//	00802	83910	83815	0//12	11370	30401	99/03
J	99524	70199	01004	73217	98038	11814	784//	00003	85818	86630	0//12	11566	30403	29905
K	99453	70159	01004	72920	98021	18416	68502	00303	81820	86630	0//13	11734	30607	/////
M	99646	70021	01004	80313	96216	07210	6747/	00719	86716	/////	00010	11089	30202	/////

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														
B	99565	70507	01064	82318	98012	12210	6561/	00611	86630	88460	0//08	10820	30503	/////
C	99525	70353	01063	82814	97022	11411	863//	00210	88708	/////	0//11	11114	3////	99/02
D	99440	70410	01064	72816	97036	27021	5542/	00605	85615	87457	0//20	12223	30202	/////
E	99351	70480	01064	21114	98020	27624	22400	00808	82818	/////	0//20	12613	30401	15602
I	99590	70193	01064	70305	98808	07712	4936/	00708	81708	83912	0//11	11367	30000	99/02
J	99523	70198	01064	73313	97258	09712	734//	00509	82912	84815	0//12	11559	30303	25207
K	99453	70157	01064	53020	98038	17016	58500	00604	82820	84630	0//13	11731	30607	/////
M	99646	70023	01064	90000	91454	04011	9////	00711	/////	/////	00110	11083	30000	99503

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

40065

Date of Issue Monday 2 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 1 August 1971

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	71817	83022	11918	42532	10717	84824	84360	87072
Hurn	862	71613	83032	12519	28576	13815	81824	84359	86070
Thorney Island	871	41611	83021	13719	12485	13814	81816	83070	
Manston	797	71307	81022	14020	12536	13717	81828	87275	
Gatwick	776	62207	80012	13319	48602	13820	84830	85075	
Kew	775	51708	82021	12920	58602	11719	84832		
Heathrow	772	51811	81012	12921	38609	12719	83835	83175	
Honington	586	71713	82011	13420	41602	10711	84835	86075	
Wattisham	590	72010	82011	13519	58602	12712	84830	83656	85080
Gorleston	497	61622	62012	13817	32570	14812	83825	86360	
Aberporth	502	81422	62218	06617	5551/	12824	84620	88462	
Ross-on-Wye	627	71403	81028	09919	7861/	12621	83830	87635	
Filton	628	81712	82038	10818	3857/	10817	81828	86359	88463
Rhoose	715	71515	83028	09717	6857/	10821	83820	85640	87360
Chivenor	707	71618	78012	08219	5857/	11822	83820	83650	86360
Mount Batten	827	81918	59602	09817	784/7	15717	83710	85815	87656
St. Mawgan	817	81720	58638	07915	5722/	15617	83704	84706	88550
Scilly	804	72013	69256	07115	58402	14804	83818	85628	
Culdrose	809	71911	21636	08315	5832/	14706	83706	83816	85458
Guernsey	894	51414	81012	12118	45732	14717	84650		
Elmdon	534	71913	83038	11218	44676	11818	84830	84360	87275
Cardington	559	72009	78031	12720	785//	10818	83825	87640	
Wittering	462	52113	82011	12121	44631	10816	83835		
Watnall	354	72013	80031	11320	58572	12812	84825	83650	86072
Shawbury	414	71708	74152	10018	68578	11715	83824	86645	87362
Finningley	360	71912	85021	11022	42602	11814	84835	86075	
Kilnsea	396	32114	66011	12121	22572	11810	82820	83075	
Leeming	257	71810	85031	10619	784//	13808	81815	84828	87656
Tynemouth	262	62014	74021	10519	43641	13602	84930		
Carlisle	222	71609	80251	09617	7857/	12703	84825	85645	87359
Valley	302	81621	74608	08017	5847/	14814	81815	84635	88460
Ringway	334	71714	75022	10019	785/2	10811	84825	85656	
Squires Gate	318	71514	80022	09921	68532	14709	84822	84645	
Ronaldsway	204	71311	72212	08615	783//	13710	81706	83637	87656
Mull of Galloway	131	71812	74022	07416	785//	13814	84820	87635	
Eskdalemuir	162	72110	74018	09116	725//	13705	87822		
Prestwick	135	62906	83011	07919	58542	12809	84826		
Abbotsinch	140	62308	82011	08019	58546	12805	85828	83275	
Leuchars	171	72412	82021	08419	32642	11001	83835	87075	
Dyce	091	62109	85032	07020	58601	11108	84835	85075	
Lerwick	005	82008	48104	04513	861//	12210	83702	86706	88710
Wick	075	72411	80022	05816	5553/	12212	81625	85635	87360
Sule Skerry	010	82309	48506	04013	874//	12206	88712		
Cape Wrath	049	92306	01606	04812	9////	12210	89/00		
Stornoway	026	82610	62032	06314	854//	13207	84710	88625	
Benbecula	022	72212	74206	06715	783//	14102	83708	84812	
Tiree	100	61708	82011	07116	48532	13803	83820	85360	85072
Aldergrove	917	71413	66258	05917	683/2	15716	81709	83815	85640
Malin	980	70913	82021	05914	785//	13716	83820	87645	
Belmullet	976	81104	70618	04415	834//	14710	83714	85919	
Birr	965	71307	80038	04216	785//	13813	85820	85640	
Dublin	969	81413	58618	05815	862//	14709	86704	85710	
Shannon	962	52102	84036	03319	58502	12715	83825	83640	
Roches Point	952	62011	80919	04017	694//	14707	84915	86640	
Valentia	953	73108	84038	04416	73500	12501	87922		

OBSERVATIONS at 18h. 1 August 1971

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	81511	77212	08415	6852/	12616	82822	84630	88459
Hurn	862	81311	56612	08717	3547/	14720	81712	83630	88357
Thorney Island	871	71210	80021	09718	756//	13718	87645		
Manston	797	71403	82022	10919	48776	14811	83850	87272	
Gatwick	776	71907	75022	10019	35778	10715	83650	85365	87080
Kew	775	71707	82032	09620	1165/	09714	81836	84359	86362
Heathrow	772	71811	81031	09421	5867/	08714	81830	85650	86365
Honington	586	71310	82032	10219	18636	12613	81835	85365	87272
Wattisham	590	71411	82022	10118	11638	13614	81835	87272	
Gorleston	497	61217	62022	11017	6097/	13716	86358		
Aberporth	502	81416	62802	05215	7342/	12603	86912	88459	
Ross-on-Wye	627	81502	24646	07615	8042/	14706	88510		
Filton	628	81510	61628	08115	3542/	13507	81716	83625	88540
Rhoose	715	81106	61616	07014	853//	13810	82706	86624	88650
Chivenor	707	71105	66216	06514	6827/	13608	82705	83628	85640
Mount Batten	827	52110	66016	07216	58500	14504	83825	83635	
St. Mawgan	817	52512	74298	06416	59400	14503	81710	83915	
Scilly	804	42511	74168	06817	49400	14203	82818	83925	
Culdrose	809	62610	81026	07016	5943/	14301	83918	83822	
Guernsey	894	72415	56616	09614	65232	14502	81703	83706	85634
Elmdon	534	71610	84022	07618	6865/	10718	83834	85645	87362
Cardington	559	71808	70012	09020	38632	09714	82830	83640	86075
Wittering	462	61806	86012	08619	14632	11715	81835	85075	
Watnall	354	71710	78022	08119	786//	11716	82830	87640	
Shawbury	414	81806	74022	07216	885//	12710	83825	86645	88656
Finningley	360	71608	83012	08120	4863/	11714	81835	84650	86360
Kilnsea	396	51218	66011	09318	12572	15713	81820	83360	85075
Leeming	257	71708	82022	08018	3867/	13712	81840	83656	87362
Tynemouth	262	81809	66022	08216	8097/	14613	88358		
Carlisle	222	80000	70212	07516	7842/	15708	81715	85640	88460
Valley	302	81821	80608	05316	5847/	13611	81710	84630	88460
Ringway	334	71407	75022	07018	1867/	10717	81832	85359	85365
Squires Gate	318	71512	75806	06518	3867/	12719	82835	84359	86362
Ronaldsway	204	80906	61626	05815	7827/	13615	81704	83820	86630
Mull of Galloway	131	81415	70616	05915	3562/	14704	83640	88460	
Eskdalemuir	162	81702	66808	07615	883//	13708	81707	83822	88640
Prestwick	135	71504	75218	06316	3857/	14712	81820	84359	87460
Abbotsinch	140	81305	68608	06717	6842/	14805	81715	83818	88458
Leuchars	171	71608	75012	07219	45672	13604	81630	84650	85070
Dyce	091	71815	84022	07317	12636	11202	81830	87270	
Lerwick	005	82217	62015	06413	862//	12311	86703	88707	
Wick	075	60707	84022	07014	38531	12306	82826	84075	
Sule Skerry	010	82309	74022	06413	855//	12211	88620		
Cape Wrath	049	70000	82014	06613	754//	13206	87615		
Stornoway	026	31706	82012	06415	38500	13101	82826		
Benbecula	022	73105	89022	05615	11432	12611	81819	84364	87075
Tiree	100	71212	83032	04915	28578	13608	81822	84359	87272
Aldergrove	917	71610	74216	04115	6547/	14609	82711	86640	87459
Malin	980	71511	83028	03016	1347/	13510	81918	87459	
Belmullet	976	73503	80018	02815	6847/	13709	82710	84640	85458
Birr	965	70000	81216	02216	5857/	13805	82820	84634	86461
Dublin	969	81406	65606	03415	7627/	14714	82705	83711	86625
Shannon	962	52715	84038	02817	595/3	12701	83925		
Roches Point	952	52004	84038	03217	49403	13701	83917		
Valentia	953	53207	84038	04616	52502	12304	85821		

OBSERVATIONS during DAY

Station	iii	RRT T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	04211	054	+	r_or_r
Hurn	862	06201	059	+	$r_or_or_r$ drz
Thorney Island	871	01211	090	+	r_or_o ↓
Manston	797	00210		+	+
Gatwick	776	03221	067	+	r_or_or
Kew	775	01221	096	+	r_or_r
Heathrow	772	01231	084	+	r_or_oR
Honington	586	00220		+	+
Wattisham	590	00220	096	+	+
Gorleston	497	00180	104	+	+
Aberporth	502	02181	003	$r_or_oir_opr_o$	pr_opr
Ross-on-Wye	627	13211	029	+	r_orR
Filton	628	11191	025	pr_o	pr_or_or
Rhoose	715	08181	004	pr_o	ir_orR
Chivenor	707	06191	006	r_or	rR
Mount Batten	827	13181	035	RRR ↓↓	rr
St. Mawgan	817	17161	031	rrr_or_o	prtlr
Scilly	804	08191	075	$pRpr_o$	+
Culdrose	809	07181	038	~~ir~~ir ↓↓	ir_opr_o
Guernsey	894	02191	054	ir_o	$ir_orrr_or_o$
Elmdon	534	04211	067	pr_o	r_or
Cardington	559	92220	087	+	pr
Wittering	462	97220	074	+	r_o
Watnall	354	00211	062	+	+
Shawbury	414	05201	028	+	r_orRr
Finningley	360	00220	079	+	+
Kilnsea	396	00180	105	+	+
Leeming	257	97211	069	pr_o	+
Tynemouth	262	00211	064	+	+
Carlisle	222	01191	042	pr_o	Rr_o
Valley	302	02191	002	$pr_oir_or_or_o$	pr_oirir_o
Ringway	334	01201	047	+	$r_opr_or_or_or$
Squires Gate	318	03221	043	r_orR	pr_or_orr
Ronaldsway	204	04171	016	r_or_or	r_or_odrrR
Mull of Galloway	131	02171			
Eskdalemuir	162	07181	023	pr_opr	pR_2fpr_o
Prestwick	135	02201	063	pr_o	$pr_or_or_oir_oir$
Abbotsinch	140	05201	077	$prpr_o$	$pr_or_or_o$
Leuchars	171	03211	097	+	$tr_otlrtlR$
Dyce	091	00220	067	+	+
Lerwick	005	97151	001	$ffid_o$	id_o
Wick	075	00181	003	+	+
Sule Skerry	010	97140			
Cape Wrath	049	01131	013	ir_oFF	FF
Stornoway	026	00171	020	+	+
Benbecula	022	91161	038	$d_od_oid_o$	ir_o
Tiree	100	01171	063	+	$ir_or_or_or$
Aldergrove	917	05191	024	$pr_opR_or_o$	r_o-r_or_o
Malin	980	0716	029		
Belmullet	976	1416	004		
Birr	965	0318	011		
Dublin	969	0518	017		
Shannon	962	9420	081		
Roches Point	952	9718	088		
Valentia	953	9119	082		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

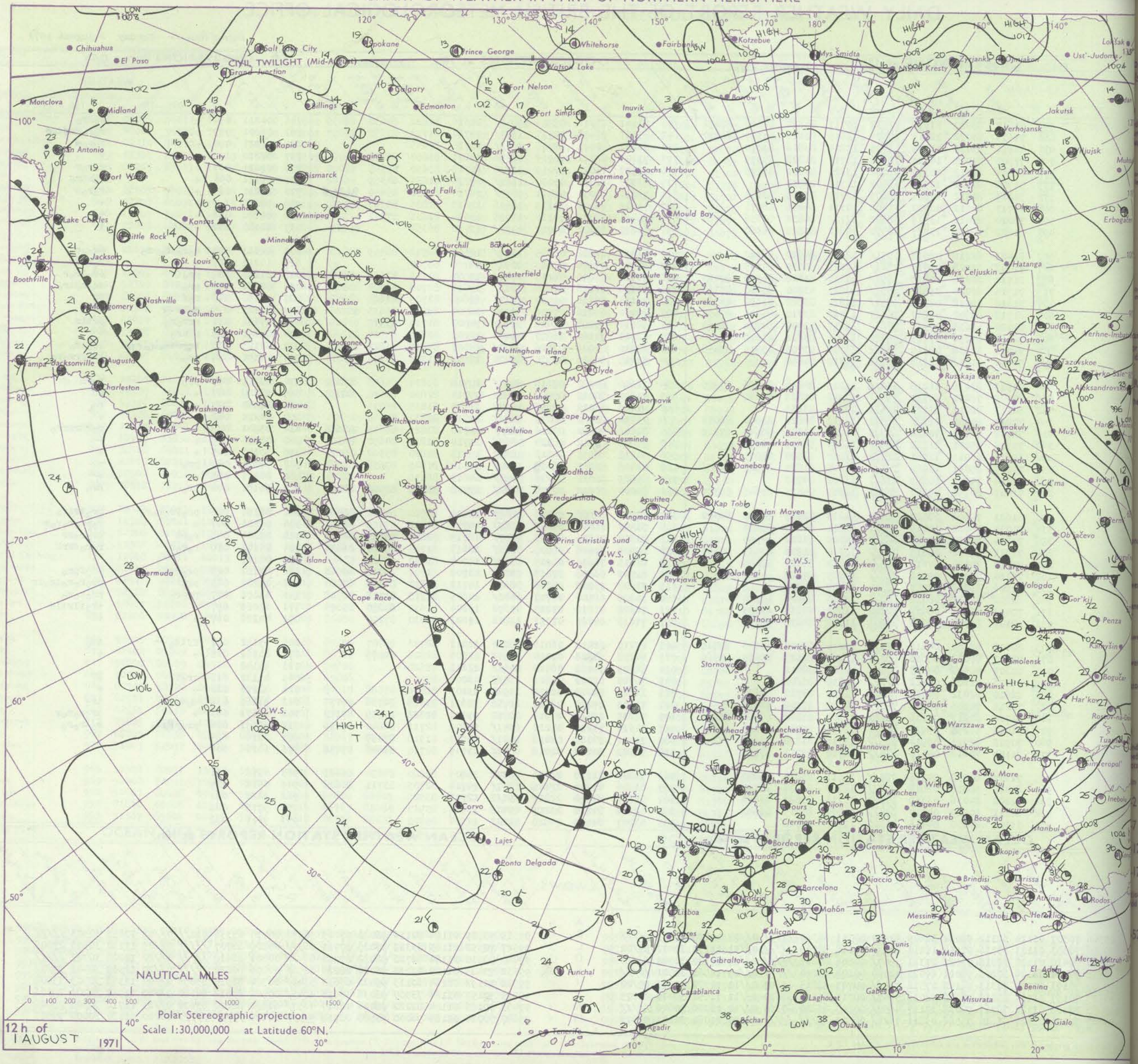
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99566	70507	01124	62112	98022	10609	60930	00711	86360	/////	0//08	10829	30503	/////
C	99526	70353	01123	83316	97514	15211	862//	00218	88705	/////	0//11	11135	30402	99/02
D	99440	70410	01124	72818	97021	27321	7547/	00806	87615	/////	0//20	12140	30302	/////
E	99351	70481	01124	30803	98021	29025	32500	00109	83820	/////	0//19	12561	30501	/////
I	99589	70193	01124	70313	98158	07512	784//	00701	82815	83640	0//11	11377	30603	99/02
J	99523	70197	01124	83012	97508	08013	5847/	00711	81818	84630	0//11	11551	30403	28905
K	99453	70162	01124	72717	98038	17117	4857/	00805	83820	87360	0//12	11736	30606	/////
M	99647	70024	01124	81610	95586	03811	7622/	00602	/////	/////	00110	11081	30101	99503

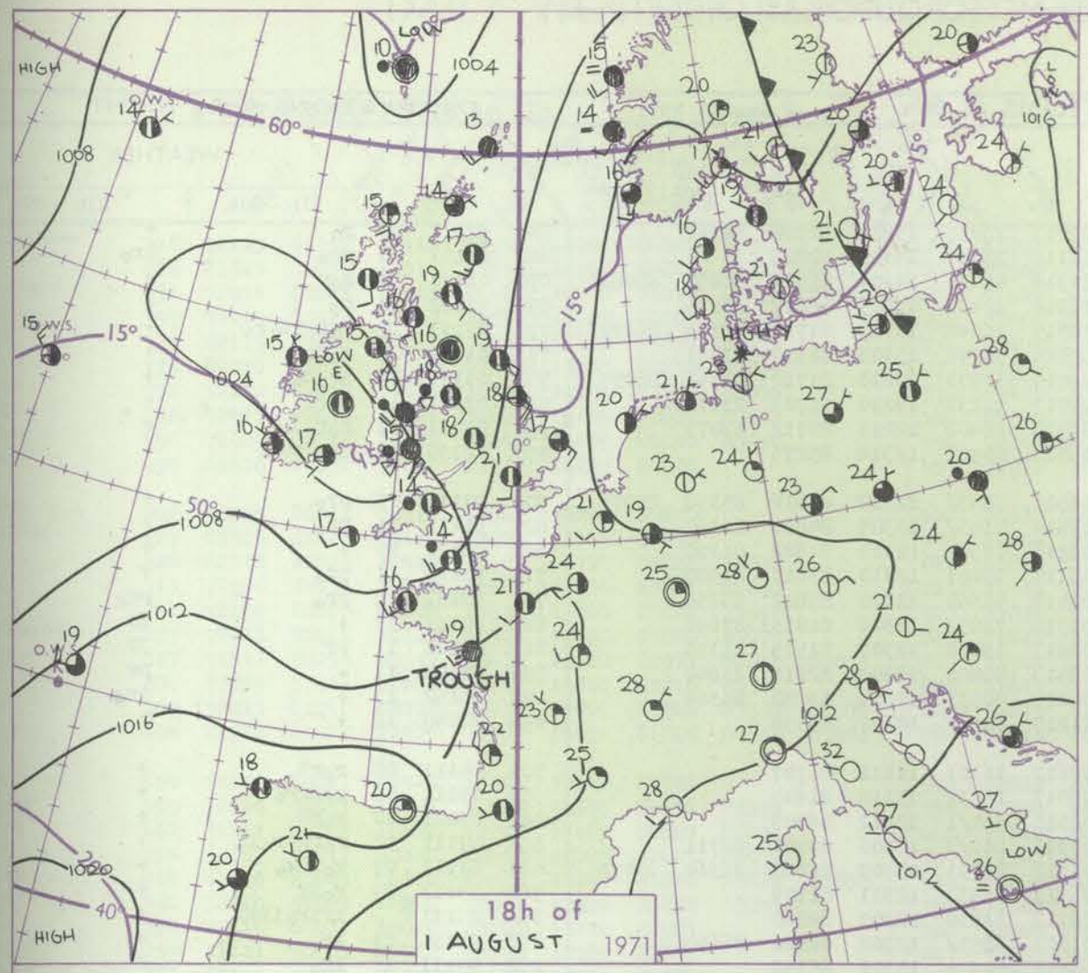
OCEAN WEATHER STATION REPORTS at 18h.

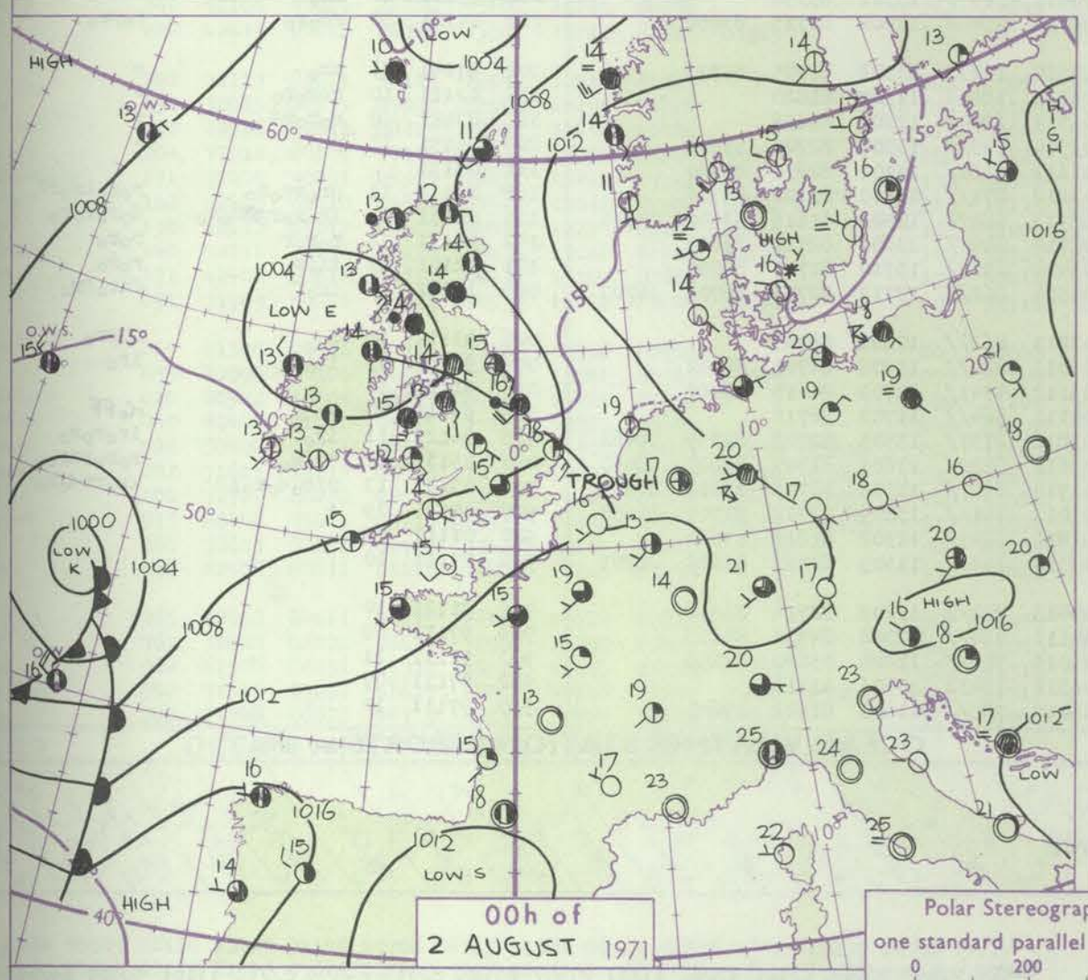
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	01184	82116	98022	07209	50978	00714	85358	832//	0//08	10855	30503	/////
C	99527	70352	01183	83322	97025	17711	863//	00209	88707	/////	0//09	11150	30503	27803
D	99440	70410	01184	82720	98022	27221	864//	00801	88618	/////	0//20	12006	30302	/////
E	99352	70483	01184	21210	98020	28225	22500	00806	82820	/////	0//20	12569	30401	99/02
I	99588	70192	01184	60113	99022	07612	5343/	00304	81910	85656	0//08	11356	30503	35804
J	99523	70197	01184	73307	98036	06613	4847/	00803	83818	84640	0//10	11557	30201	28006
K	99453	70166	01184	82222	98026	12617	4857/	61830	82820	83630	0//13	11716	30603	28806
M	99647	70024	01184	90000	93506	02912	9////	00607	/////	/////	00210	11120	30000	99503

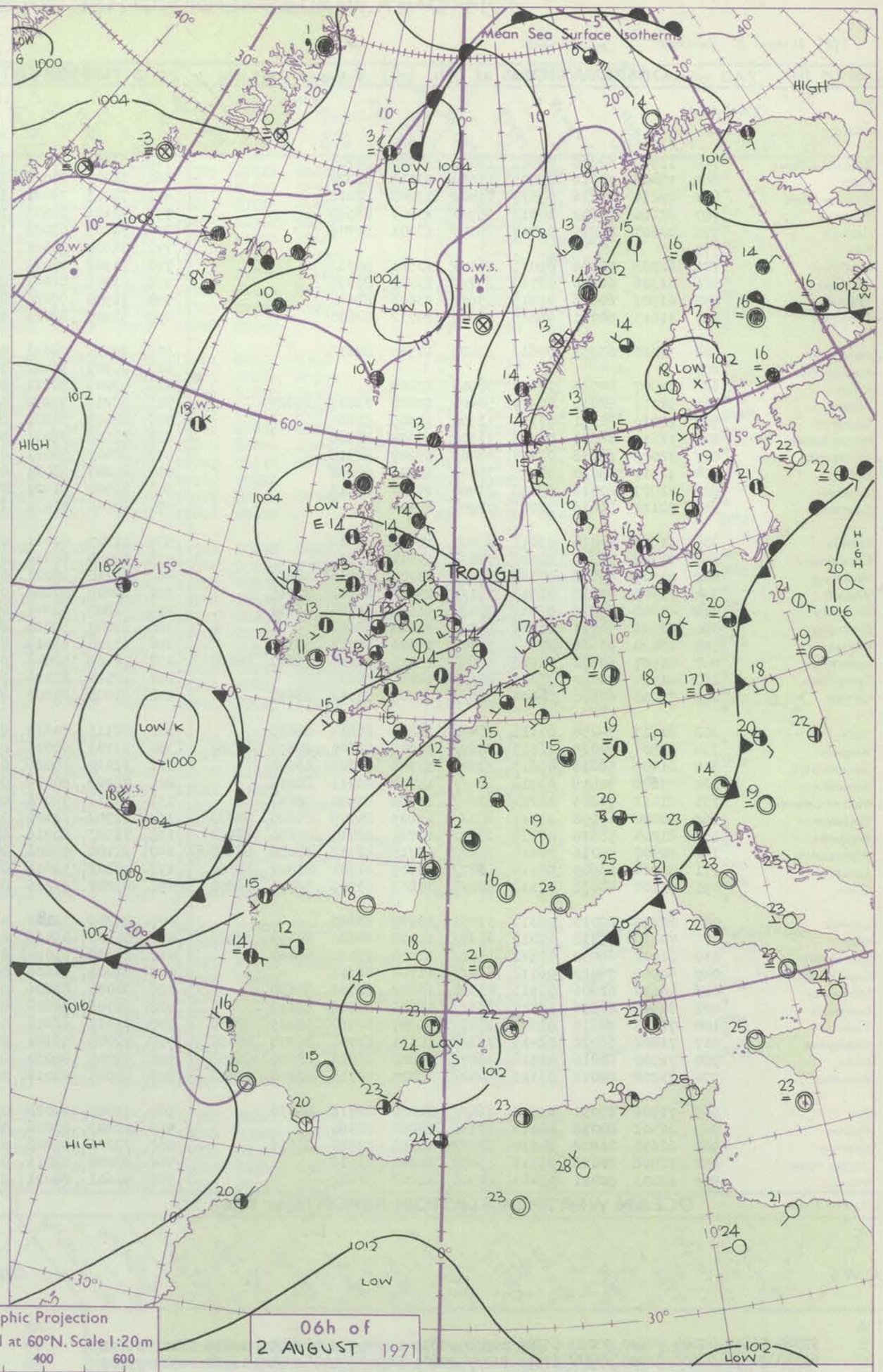
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 2 August 1971

The low complex across western Britain to west Norway has persisted. One centre off southern Ireland moved north, is now centred west of the Hebrides and is expected to fill up. An associated trough moved east and northeast across England and Wales and is now lying across southern Scotland and is expected to continue northwards. A further depression in mid-Atlantic yesterday morning has moved southeast, is now centred about 300 miles southwest of Lands End and is expected to move into the English Channel by tomorrow morning. The cyclonic type is expected to continue over parts of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. — 2 August 1971

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	11909	62016	08512	16100	12107	81702		
Hurn	862	12008	70016	09015	11500	13004	81820		
Thorney Island	871	22214	74016	09515	21400	13203	82811		
Manston	797	82110	74602	10017	857//	13503	88650		
Gatwick	776	22507	66216	09714	26300	13301	82709		
Kew	775								
Heathrow	772	62308	70206	09015	664//	13501	86712		
Honington	586	81306	66216	08715	857//	13705	88656		
Wattisham	590	81507	60616	08815	856//	13806	88644		
Gorleston	497	31613	60011	08818	25630	15712	82630		
Aberporth	502	31610	66251	04612	22403	12503	82818		
Ross-on-Wye	627								
Filton	628	01907	80026	07613	00900	12205			
Rhoose	715	52111	82036	06914	58400	12203	83814	85626	
Chivenor	707	12010	82251	07114	12500	12305	81820		
Mount Batten	827	12511	66011	08216	11500	14204	81820		
St. Mawgan	817	32009	69018	08113	28402	13207	82818		
Scilly	804	32511	83030	08415	38400	13206	82818		
Culdrose	809	22807	81018	08115	21400	14106	82818		
Guernsey	894	02111	81016	11015	00900	13104			
Elmdon	534	31604	84016	07011	25401	11608	81614		
Cardington	559	61708	58216	08015	656//	14611	86633		
Wittering	462	81509	59216	07514	854//	13707	85616	88627	
Watnall	354	71109	62616	06513	751//	13809	86702	87615	
Shawbury	414	41602	69216	05913	35430	11607	81714	83630	
Finningley	360	81706	66212	06814	857//	14604	88656		
Kilnsea	396	82020	63626	07816	5747/	14501	85712	88360	
Leeming	257	81907	62602	05915	4567/	13712	84635	85360	88465
Tynemouth	262	81514	74022	06015	856//	14715	88635		
Carlisle	222	81205	62606	04414	854//	13809	83712	88650	
Valley	302	81817	74258	04115	884//	13804	85815	88630	
Ringway	334	81804	70028	06113	5567/	12708	82640	84656	88360
Squires Gate	318	81409	58618	05613	2552/	13709	82625	88556	
Ronaldsway	204	81506	30818	03914	824//	13710	83711	88815	
Mull of Galloway	131	81413	74806	03214	836//	13709	85930	88640	
Eskdalemuir	162	80000	66258	05713	883//	11809	84709	85820	88633
Prestwick	135	81204	58616	04514	6542/	13710	82710	86650	88462
Abbotsinch	140	80907	58216	04615	854//	13715	82712	86638	88650
Leuchars	171	80910	66609	06414	3522/	14709	81703	83620	88550
Dyce	091	71102	40032	07114	662/8	13805	83705	86706	86270
Lerwick	005	62210	82015	08311	35531	10107	83620		
Wick	075	70810	69212	07012	4557/	12708	84620	84359	87462
Sule Skerry	010	81002	66032	07812	5551/	12204	85620	88460	
Cape Wrath	049	60905	74022	06112	654//	11704	86612		
Stornoway	026	40610	62606	05913	45330	13807	82706	83630	
Benbecula	022	80910	62636	04613	853//	13808	83708	88612	
Tiree	100	71313	70216	03513	5547/	13807	82712	85629	87460
Aldergrove	917	71802	66022	02414	753//	13711	83706	85708	87630
Malin	980	71307	80016	02714	3847/	13802	81818	83640	86458
Belmullet	976	73208	82016	03113	6842/	13001	84716	83640	85458
Birr	965	71906	75031	03313	764//	12000	86718	86636	
Dublin	969	22502	80036	03112	20930	12802	82360		
Shannon	962	62610	80808	04114	685//	13203	82820	85636	
Roches Point	952	12806	80028	05313	13402	11104	81916		
Valentia	953	12203	80021	05413	12500	11102	81822		

OBSERVATIONS at 06h. — 2 August 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
746	52105	66011	09713	26239	13211	82704	84362	
862	32007	70018	10115	28431	14308	82815		
871	72213	78021	10316	48431	14307	81811	84650	86080
797	72106	80036	11214	12432	13209	81817	86075	
776	72205	62021	10314	16448	13308	81711	83363	86270
775	71804	74021	09814	50972	13308	81359	83361	
772	71906	65021	09714	12472	13210	81710	83468	86075
586	61908	62031	09313	16232	13210	81705	85072	
590	71910	56036	09713	26402	12211	82712	87075	
497	51910	62026	09414	00906	13314	85275		
502	62011	74031	06513	28432	12312	81816	85358	85075
627	61907	66022	07814	4153/	13305	84820	86360	
628	42006	80011	08913	18531	11313	81822	83359	
715	52212	75038	08114	49401	12310	83810	81920	
707	62009	74801	08414	48560	12310	83822	85359	
827	72506	74021	09316	7843/	14308	81815	87656	
817	32007	74011	08913	19432	12307	81915	83359	
804	42207	83011	08515	48400	12301	82818	83640	
809	72404	81021	08815	48531	13306	83820	85365	
894	62110	81031	11215	6093/	14302	86358		
534	11909	62011	07612	16301	11111	81707		
559	12006	66016	09013	15632	13310	81645		
462	62110	66021	08313	662/1	12212	86705		
354	82009	37106	07313	862//	12308	87704	88711	
414	51805	61041	06712	28531	10309	81820	83364	85078
360	22007	58026	06713	15331	12311	81709		
396	32320	63019	06713	22530	12307	82820		
257	71406	58046	05313	6853/	12302	81820	86650	
262	52111	61026	04613	50970	13302	85358		
222	51403	64606	04013	45482	11502	82715	83650	
302	62115	74031	04514	26232	13308	82705	85075	
334	21709	60026	06113	18502	11307	81820		
318	31610	60026	05513	18402	12307	81818		
204	72106	80028	03914	763//	13307	82708	87712	
131	82313	74026	02613	2262/	13101	82830	88460	
162	81702	61108	03812	871//	11603	83702	88706	
135	71503	80216	02913	58472	12503	81615	83640	85656
140	81104	56606	02714	854//	13607	82712	87620	
171	82302	59616	03414	2532/	13710	81707	88550	
091	81207	50216	04514	862//	13712	82703	86705	88707
005	81709	14284	07813	862//	12602	88703		
075	81303	09466	05013	860//	13608	86701	88702	
010	80909	81022	05112	4541/	12709	84615	88460	
049	81402	74606	04111	864//	11703	88712		
026	80000	82606	03813	2737/	13505	82708	83359	88461
022	80706	74606	02613	5532/	13609	81707	85620	88460
100	71410	66216	01914	6527/	13505	81703	83618	85629
917	72005	56101	03013	751//	13209	82702	84705	86650
980	51705	80032	02412	5847/	12302	81818	85640	
976	42904	82016	03512	33432	11305	82717	83638	81921
965	72005	64026	04413	754/2	12208	82714	86636	
969	72409	82036	04113	784//	12308	84712	84635	
962	72006	85028	05013	785//	12208	83820	87656	
952	20000	83011	06311	18432	10306	81818		
953	70601	80021	05012	785//	11603	81822	87640	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97111	09	r_o	+
862	02151	13	pr_o	pr_o
871	01151	13	r_or	+
797	92120	10	r_o	+
776	94131	10	$r_or_or_dr_or_o$	+
775	01131	08	r_oRr	+
772	01141	11	Rrr_od_o	+
586	02121	11	r_oRr	+
590	03121	11	r_or_oiR	+
497	02130	11	ir_orr	+
502	97111	09	pr_o	+
627	91131	11	pr_o	+
628	00121	09	+	+
715	97131	11	pr_o	+
707	97131	09	pr_o	pr_o
827	00151	13	+	jp
817	01121	11	pr	jp
804	94141	11	+	pr
809	95152	13	+	pr_o
894	91140	12	+	+
534	04111	08	r_orR	+
559	04111	09	$prRrr_o$	+
462	03121	10	r_orR	+
354	07111	10	r_orRir_oiR	+
414	01111	07	r_orR	+
360	03111	09	r_oRr	+
396	05131		$irir_oiRtl$	+
257	92131	11	ir_o	+
262	95131	12	ir_o	+
222	01121	10	rr_or_o	r_opr_o
302	97141	13	pr_o	+
334	02111	10	rrr_or_o	+
318	03121	10	r_or_orR	+
204	05131	12	pR	+
131	01131			
162	04111	11	$pr_orr_or_o$	$r_or_oir_orR$
135	04131	12	$ir_or_or_od_or_o$	$d_or_or_or_o$
140	01131	12	r_or_or	r_or_o
171	02141	12	$tlRr_o$	r_or_o
091	11132	11	ir_of	fir_oRr_o
005	93111	10	f	ffrr_o
075	92121	09	ir_o	ir_o
010	91112	10		
049	93111	10	+	ir_oFF
026	96121	11	ir_o	$ir_or_or_o$
022	05131	12	rr_or_o	$r_or_orir_o$
100	05131	13	$rir_od_or_oiR$	$ir_orrd_or_o$
917	00121	09	+	f
980	01111	09		
976	03111	10		
965	91121	10		
969	97111	08		
962	91131	11		
952	97111	07		
953	97111	10		

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														
B	99564	70510	02004	72810	98022	05808	50938	00609	85360	872//	0//07	10839	30201	21502
C	99528	70354	02003	82915	/////	17510	863//	00001	88706	/////	0//09	11164	30502	99/03
D	99440	70410	02004	82819	97212	26220	854//	00102	88615	/////	0//20	12149	30402	/////
E	99350	70479	02004	51111	98021	28525	58500	00207	82820	84635	0//21	12593	30602	/////
I	99588	70192	02004	70110	98022	07712	684/1	00801	81815	86656	0//07	11360	30402	34804
J	99522	70196	02004	80113	98018	06113	884//	00702	83816	88630	0//10	11568	30302	28805
K	99454	70164	02004	82328	97586	05817	774//	00736	87710	/////	0//06	11726	30608	/////
M	99648	70024	02004	82110	95515	02911	863//	00400	/////	/////	05010	11121	30101	/////

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														
B														
C	99528	70359	02063	82311	97025	13311	2757/	00725	82715	84359	0//10	11101	30301	99/03
D	99439	70411	02064	82816	97515	24620	863//	00611	85706	88610	0//19	12094	30402	/////
E	99351	70479	02064	31114	98011	27024	32500	00713	83820	/////	0//20	12612	30602	/////
I	99587	70191	02064	70112	97161	06711	784//	00606	83815	84635	0//10	11347	30401	35804
J	99524	70199	02064	43415	97152	06113	39471	71300	81916	83818	0//10	11567	30303	30805
K	99454	70163	02064	52816	97036	02917	55400	00710	85616	/////	0//15	11729	30708	/////
M	99649	70024	02064	82016	93505	03810	862//	00105	/////	/////	05109	11095	30202	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

40066

Date of Issue Tuesday 3 August 1971

Code FM 11.D

OBSERVATIONS at 12h. — 2 August 1971

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	72113	66152	11118	4853/	12205	84822	85362	
Hurn	862	81814	75038	12018	5257/	15108	85822	83358	88360
Thorney Island	871	72014	80021	12918	4847/	14210	81812	83815	85360
Manston	797	72015	83022	12819	22536	13108	82822	87275	
Gatwick	776	82115	80028	12319	32537	13208	83824	88275	
Kew	775	82010	82038	11420	42637	13105	84830	88275	
Heathrow	772	52112	81012	11420	38531	12103	83828	83075	
Honington	586	72411	80031	10821	32604	10105	83835	87075	
Wattisham	590	72609	74022	11119	42601	11005	84830	87078	
Gorleston	497	61616	62032	11018	625//	14207	86825		
Aberporth	502	53005	86031	08517	52502	14204	85820		
Ross-on-Wye	627	52308	81021	09120	42601	12102	84830		
Filton	628	62312	82021	10419	38501	10105	83828	86078	
Rhoose	715	71906	84031	10019	68571	12206	83825	85650	
Chivenor	707	72105	82808	09817	6853/	13204	85828	83642	
Mount Batten	827	72013	82028	10619	42502	16005	84820	86070	
St. Mawgan	817	71812	58258	09517	59432	13102	82912	84818	85075
Scilly	804	71809	83028	08618	3244/	14802	83818	86358	
Culdrose	809	72213	81258	09118	49432	15001	82918	83364	85074
Guernsey	894	81710	81032	12516	28477	14001	81816	84358	87461
Elmdon	534	62112	80021	09519	68501	12106	85826		
Cardington	559	72010	74031	10821	42632	11005	84835	87075	
Wittering	462	72411	86031	10020	54541	11105	84827	86075	
Watnall	354	62312	78012	09120	28501	12207	82825	86072	
Shawbury	414	62309	83021	08818	685//	11208	81820	83824	85656
Finningley	360	52410	74021	08820	32632	12208	83832	83075	
Kilnsea	396	32614	66011	09020	23501	13210	82925		
Leeming	257	32111	80021	07520	38530	12108	82825		
Tynemouth	262	52106	74021	06220	53601	13206	85930		
Carlisle	222	42412	84018	06318	33502	12213	83825	81925	
Valley	302	22117	83011	08117	18542	12214	81825		
Ringway	334	32015	82011	07920	32502	10107	83820		
Squires Gate	318	12516	82011	08219	18501	14212	81828		
Ronaldsway	204	72312	84012	07116	784//	13216	83814	85818	
Mull of Galloway	131	72015	70031	05315	764//	13213	87712		
Eskdalemuir	162	62214	69018	05517	635//	13312	81920	84822	
Prestwick	135	62612	65012	05017	28431	13214	81816	85358	
Abbotsinch	140	52211	70156	04219	38430	13206	81715	83822	
Leuchars	171	42408	82018	04218	48530	13103	83820		
Dyce	091	71709	66026	03518	48532	13602	83820	86070	
Lerwick	005	81306	09426	07713	870//	13706	88700		
Wick	075	80806	50106	04913	872//	13801	84705	88709	
Sule Skerry	010	80902	16606	05013	873//	13702	88708		
Cape Wrath	049	81402	81022	03714	855//	13703	88620		
Stornoway	026	80404	81216	04215	5852/	14302	81826	85636	88460
Benbecula	022	71611	80216	03415	733//	14203	81709	83814	87645
Tiree	100	71710	66032	03516	783//	14208	81709	84627	87650
Aldergrove	917	62108	75014	05118	684//	14110	81716	84817	85635
Malin	980	72613	83258	04716	734//	13214	84918	87650	
Belmullet	976	22508	86011	05118	12402	13205	81716		
Birr	965	32008	84011	06219	28502	09102	82823		
Dublin	969	32608	86028	06619	32502	12209	83824		
Shannon	962	61508	86031	05719	686/2	11605	83830	83650	
Roches Point	952	71610	75031	06617	6847/	14102	82815	86650	87358
Valentia	953	71708	86028	04719	4257/	13804	84825	87360	

OBSERVATIONS at 18h. — 2 August 1971

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	71911	80038	11616	48578	12303	81825	84635	86462
862	71508	75022	11717	1157/	13801	81822	85360	87365
871	71606	83012	12517	48476	14803	81815	84650	86360
797	72009	83022	12719	70958	10605	84362	86365	
776	82109	80022	12517	1157/	13503	81820	88465	
775	71905	78022	12119	14678	12302	81630	87270	
772	72009	81022	11719	12678	11400	81830	86468	87275
586	81910	80252	11620	12637	11305	81840	83364	88275
590	72109	65028	11818	10938	11303	81362	87275	
497	71912	62022	11819	7097/	11208	87360		
502	61613	86038	08718	22531	11501	82825	83360	
627	72104	77028	10117	15671	12205	81635	84359	
628	61810	83018	10319	28672	10400	81830	84362	85075
715	71410	84018	09718	28572	14605	81825	87075	
707	71811	83028	09319	58536	12601	82828	84645	87275
827	71411	82012	09717	38536	15805	81820	83640	87275
817	71515	80028	08517	48471	14707	84814	86359	
804	61614	81018	06817	52431	14711	85818		
809	61610	82018	08517	49431	14705	82918	84362	
894	81411	80606	11116	7577/	14606	87650		
534	72012	81028	10120	58631	11304	82840	84650	85075
559	72204	66258	11618	4867/	15306	83830	83650	87362
462	72112	80022	10619	58632	11308	81830	84650	86360
354	62302	69018	09819	18631	13602	81830	84078	
414	61805	82018	09219	48608	12301	82830	84650	86275
360	72308	78022	09519	786//	11207	81835	87650	
396	72409	66021	09720	32571	12111	82820	86360	
257	72608	89031	09020	68605	11208	81830	85656	87080
262	82616	81022	08220	22501	11211	82825	88075	
222	42510	85018	08218	28502	10205	82825	83075	
302	21914	85010	08617	12602	13102	81830		
334	72105	80258	09317	38532	12304	81825	83656	87075
318	62606	86011	09219	18602	12400	81830	86075	
204	11807	84011	08316	18501	13102	81820		
131	42022	80030	06815	24501	12207	81822	84080	
162	12113	82018	07615	18400	12107	81714		
135	72209	75021	07117	5257/	11210	81822	85825	85359
140	72313	68022	06517	5353/	13214	82822	81925	83828
171	32412	81018	05919	28532	11209	82828		
091	72110	80032	04918	785//	13208	82824	87645	
005	80608	28516	06012	870//	12709	87701	88704	
075	90204	01474	04813	9////	13304	89/00		
010	81102	58026	05313	3647/	13205	82710	83620	88360
049	81402	74026	04414	854//	13206	88612		
026	71607	80026	05015	4857/	14208	81825	84650	87363
022	72602	80808	04515	784//	13209	83815	87630	
100	62512	83031	05515	624//	12311	81710	86616	
917	72902	61808	06716	794//	13305	82918	85822	86630
980	43204	89031	06615	48502	12310	81820	83650	
976	50408	85011	05017	48532	12805	81821	83640	
965	71702	80028	06117	785//	13702	82822	87642	
969	72003	88258	06617	53547	13000	83928	85645	
962	81316	66808	05016	834//	13606	82715	84920	86650
952	81312	65616	05216	4847/	14808	81710	83645	88458
953	80906	65618	02915	5642/	13710	85716	88458	

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	97201	042	pr$_o$	+
862	97181	018	pr$_o$	+
871	97190	042	+	r$_o$
797	00200		+	+
776	97200	039	pr$_o$	r$_o$
775	97210	049	pr$_o$	+
772	00210	040	+	+
586	97221		+	pr$_o$
590	97211	040	pr$_o$	+
497	00210	058	+	+
502	97191	106	pr$_o$	+
627	91211	066	+	pr
628	97211	077	pr$_o$	pr$_o$
715	05201	063	pr$_o$pr	prpR
707	92210	056	pr$_o$	jp
827	97201	060	pr$_o$	+
817	02191	063	prpr$_o$	jp
804	01201	078	pr	+
809	97190	059	pr$_o$	+
894	97180	013	+	pr$_o$
534	97210	103	pr$_o$	+
559	91220	070	pr$_o$	pr$_o$
462	00220	078	+	+
354	97211	059	pr$_o$	pr$_o$
414	97200	061	pr$_o$	+
360	97221	071	+	pr$_o$
396	00220	088	+	+
257	00220	103	+	+
262	00211	122	+	+
222	97190	095	pr$_o$	+
302	00191	132	+	+
334	97211	087	pr$_o$	pr$_o$
318	00201	144	+	+
204	00171	095	+	+
131	00170			
162	95181	081	pr$_o$	+
135	00201	072	+	+
140	91201	080	+	pr$_o$
171	92211	055	pr$_o$	pr$_o$
091	91191	035	r$_o$	+
005	01131	000	r$_o$r$_o$FFir$_o$	r$_o$r$_o$ifd$_o$d$_o$
075	91151	000	ifir$_o$	ffFF
010	92140			
049	01151	002	ir$_o$	ir$_o$
026	92151	013	ir$_o$	+
022	03181	008	ir$_o$	pr$_o$
100	00171	057	+	+
917	03191	048	pr$_o$pr	pr$_o$pr
980	9718	092		
976	0019	117		
965	9120	062		
969	9721	088		
962	0120	083		
952	9317	063		
953	0319	098		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

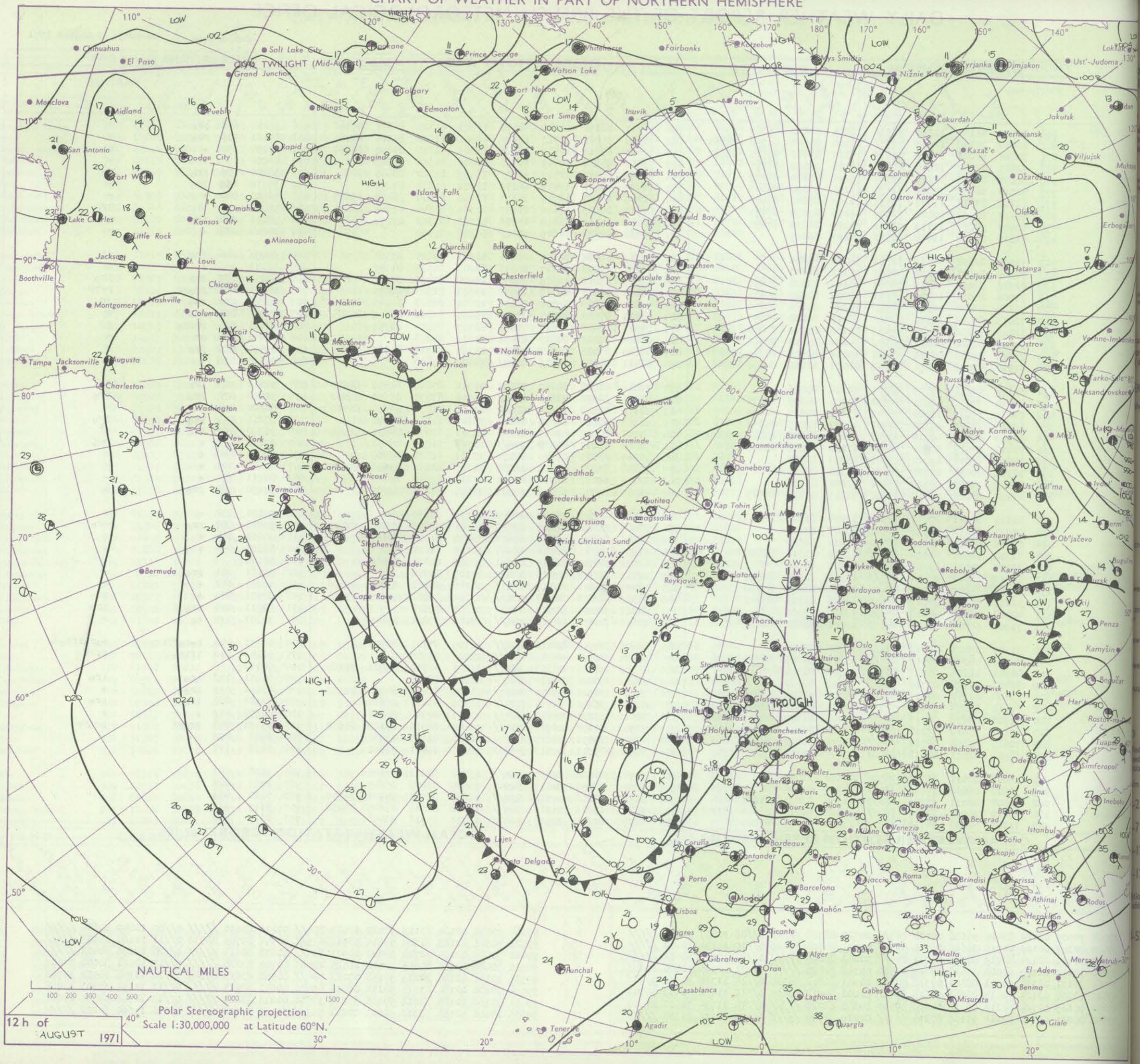
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70509	02124	83420	97108	07708	863//	00322	88706	/////	0//08	10837	30301	/////
C	99527	70353	02123	81716	95616	06510	4732/	00735	84708	88530	0//10	11134	30402	/////
D	99440	70410	02124	82719	98025	23021	854//	00609	88615	/////	0//20	12210	30403	/////
E	99350	70479	02124	20806	98028	27425	21500	00303	82820	/////	0//21	12545	30000	10603
I	99586	70191	02124	70211	98801	07312	784/1	00501	84818	85650	0//10	11378	30502	33703
J	99525	70200	02124	73517	96802	06613	6943/	81002	84912	83625	0//12	11552	30403	34806
K	99452	70163	02124	43215	98018	04016	39502	00208	83920	/////	0//14	11734	30502	27607
M	99652	70011	02124	82214	95105	07210	863//	00219	88707	/////	05109	11116	30303	/////

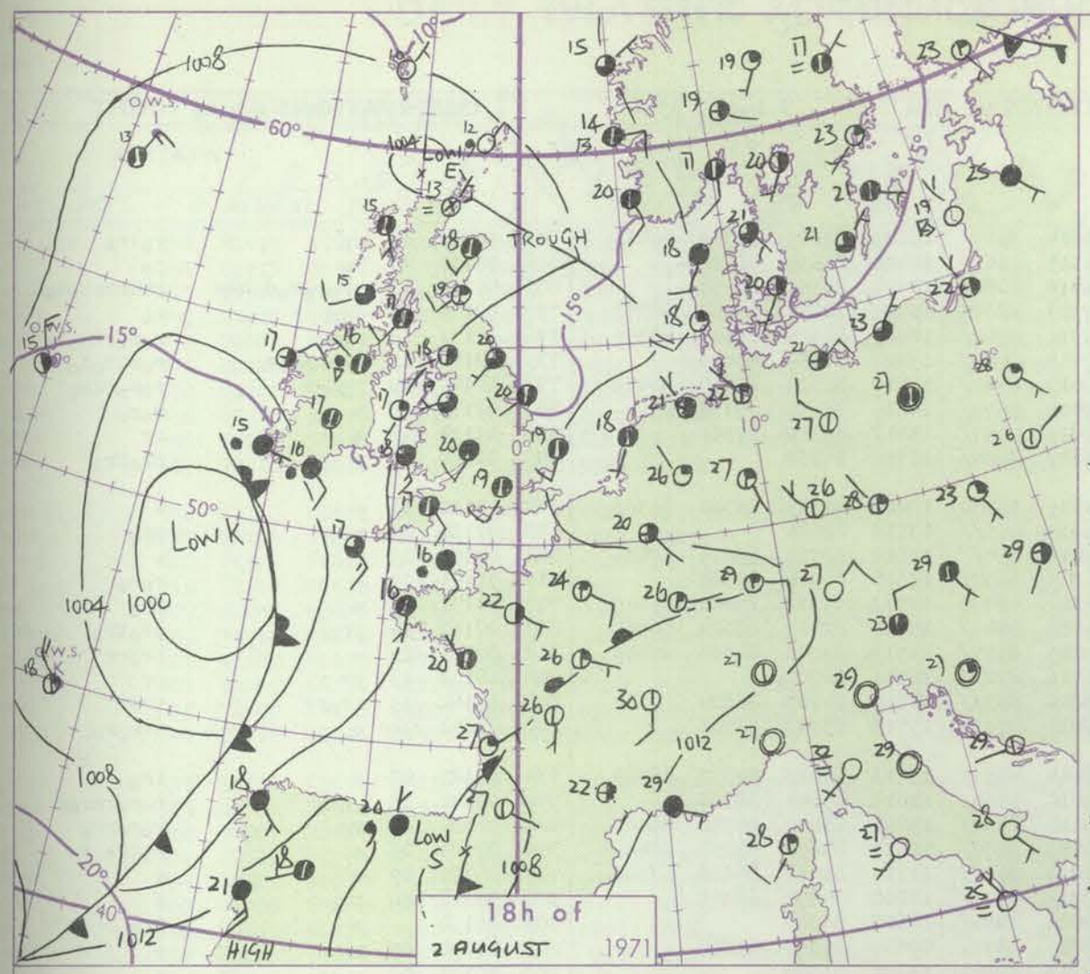
OCEAN WEATHER STATION REPORTS at 18h.

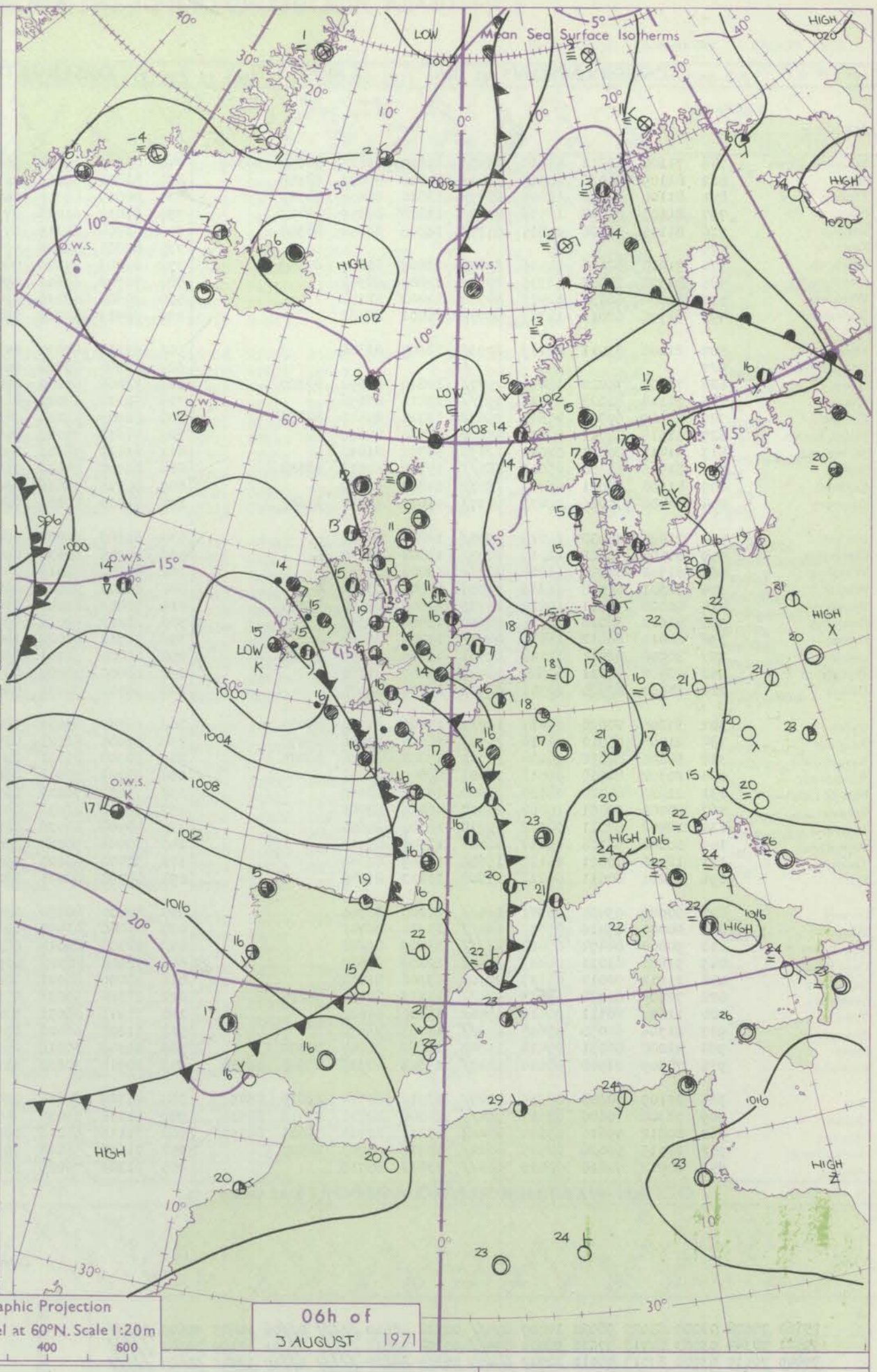
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70508	02184	83123	97022	11007	854//	00212	85610	/////	0//05	10849	30604	/////
C	99523	70341	02183	81324	96616	96912	6732/	00744	86705	88530	0//11	11160	30503	/////
D	99440	70409	02184	82720	98022	20921	854//	00608	88614	/////	0//20	12276	30403	/////
E	99350	70480	02184	00806	98020	26525	22503	00707	82820	/////	0//19	12621	30000	10603
I	99585	70191	02184	70213	97158	07013	784//	00502	83813	87645	0//10	11340	30502	35703
J	99524	70200	02184	43515	98158	06014	49400	00602	82915	/////	0//11	11579	30303	35806
K	99451	70162	02184	33218	97028	07217	32500	00218	83820	/////	0//13	11746	30504	27605
M	99655	10000	02184	72312	96205	08811	763//	12105	87708	/////	00010	11090	30202	/////

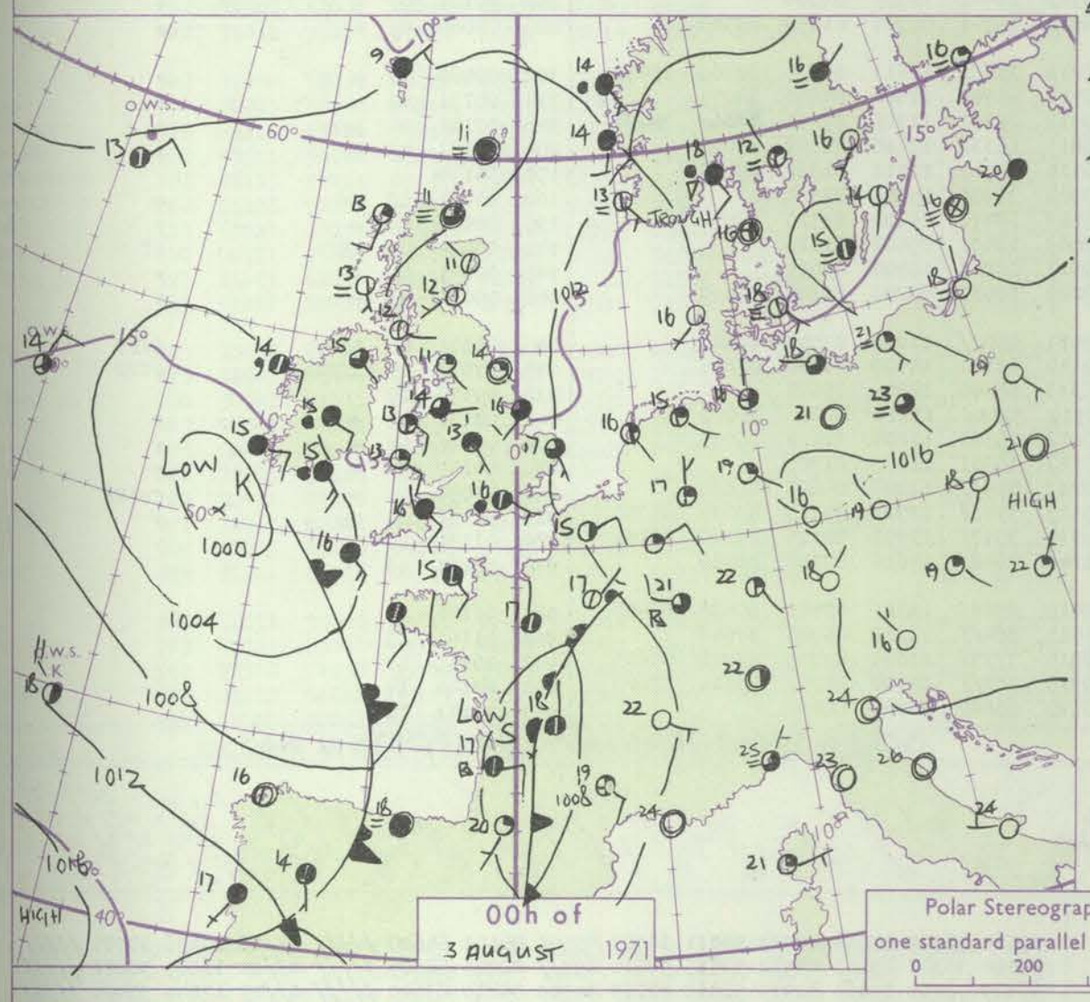
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 3 August 1971

A shallow depression over north Scotland moved north yesterday and filled slowly. An associated trough of low pressure moved northeastwards over the North Sea. A depression southwest of the British Isles moved towards southwest Ireland accompanied by a frontal trough of low pressure. A thundery low pressure area over southwest France moved to northern France and a trough affected the English Channel area overnight. Pressure remained relatively high from the central Mediterranean to west Russia. During the next 24 hours a depression over the Atlantic will move towards the Southwest Approaches and the low over southwest Ireland will be absorbed in its circulation. Troughs of low pressure will move north over the British Isles.

Code FM 11.D **OBSERVATIONS at 00h.** 3 August 1971

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	71108	66212	10414	6553/	11809	83625	84650	86362
Hurn	862	81109	75036	10316	5567/	14812	85633	88358	
Thorney Island	871	81108	62616	11216	6577/	13810	86656	88359	
Manston	797	81105	81602	12516	8097/	13808	86359	88462	
Gatwick	776	81105	61026	11815	6577/	13808	86656	88358	
Kew	775								
Heathrow	772	71005	62616	11516	2587/	13807	82657	87359	
Honington	586	81302	69032	12315	8097/	12803	88358		
Wattisham	590	81504	66032	12415	80970	12802	88358		
Gorleston	497	61706	62012	12717	6097/	15801	86362		
Aberporth	502	21108	83011	08213	20932	12605	82360		
Ross-on-Wye	627								
Filton	628	71207	74022	10015	3577/	12810	83650	87360	
Rhoose	715	71114	81022	09015	757//	13811	87656		
Chivenor	707	51109	69021	07815	35632	13714	83640	83360	
Mount Batten	827	51514	82012	08216	55600	15710	85630		
St. Mawgan	817	41412	80021	07015	12432	14712	81818		
Scilly	804	81515	66258	05016	884//	15710	84818	88628	
Culdrose	809	41608	88011	06716	28532	14811	81820		
Guernsey	894	71408	70026	09415	5537/	15813	82707	85645	
Elmdon	534	71505	75032	11013	7095/	12802	87360		
Cardington	559	81504	70022	12015	8097/	12802	88363		
Wittering	462	81502	64022	11714	857//	12001	88656		
Watnall	354	31601	66018	11313	30930	12000	83360		
Shawbury	414	40000	78011	10215	15732	11801	81650	83075	
Finningley	360	41602	66018	11115	40930	13004	84358		
Kilnsea	396	62010	66012	11416	6097/	13207	86360		
Leeming	257	30000	82011	11114	15701	12007	81650	83080	
Tynemouth	262	12502	74011	10614	10940	11107	81360		
Carlisle	222	21502	82020	10311	00902	09106	82075		
Valley	302	31008	80020	09013	10931	11702	81363	83075	
Ringway	334	41406	65011	10416	25702	11001	82656	84075	
Squires Gate	318	60806	80018	10114	15701	13802	81656	86075	
Ronaldsway	204	20302	80010	09511	16401	09005	81712		
Mull of Galloway	131	21810	84020	08314	25600	13102	82640		
Eskdalemuir	162	20000	09461	10808	26300	08006	82708		
Prestwick	135	10902	82011	08912	15730	10106	81650		
Abbotsinch	140	30000	58108	09112	36400	12109	83710		
Leuchars	171	12406	70021	09112	15602	11109	81640		
Dyce	091	13201	80011	08211	15500	10113	81645		
Lerwick	005	80000	03465	06911	860//	11207	88701		
Wick	075	60000	06416	07611	660//	11314	86701		
Sule Skerry	010	90000	04474	07412	9////	12209	89/00		
Cape Wrath	049	31806	81011	06413	35500	12209	83625		
Stornoway	026	21912	70011	07113	28500	13208	81822		
Benbecula	022	72205	80038	07513	784//	11113	82815	85625	
Tiree	100	11607	80111	08013	15502	12106	81620		
Aldergrove	917	61306	64038	07615	656//	13003	86636		
Malin	980	41008	86031	07414	15602	12500	81645	84070	
Belmullet	976	70909	81508	05014	5847/	13803	83715	83640	86459
Birr	965	81109	70608	05315	4547/	13710	81714	83636	88458
Dublin	969	71308	70606	07515	764//	14000	82712	83716	85630
Shannon	962	80812	59616	03114	4542/	13817	81710	84615	88550
Roches Point	952	81515	56636	02515	4722/	14718	84703	88527	
Valentia	953	80912	70216	00415	864//	13713	88718		

OBSERVATIONS at 06h. 3 August 1971

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	80909	66212	06614	3557/	13823	83625	85359	88463
862	80806	65022	06515	1567/	14720	81635	88460	
871	80609	62956	06814	8088/	13724	84357	88558	
797	81010	61036	07717	22777	15724	82850	83362	88272
776	80304	65216	07314	6557/	12723	81625	85645	88359
775	83605	56616	07714	8087/	13722	86357	88459	
772	83503	35636	08015	6562/	13717	82634	85650	88459
586	70703	69612	09415	5577/	14815	85650	87358	
590	70806	62216	09615	7097/	13612	85359	87365	
497	70913	62212	09817	7097/	13716	87360		
502	61111	80031	04915	15572	12608	81625	83360	85363
627	80704	63028	06915	855//	13712	88625		
628	71006	69032	07015	754//	13612	82715	86625	87635
715	71114	68022	05915	6637/	13615	86708	87360	
707	71209	72216	04716	45478	14713	81711	84640	85459
827	71612	74028	04416	5547/	15716	82710	83624	86360
817	81415	56606	03315	6537/	15713	83706	84614	88458
804	81702	24636	01716	872//	16611	88704		
809	81715	58636	03614	853//	14615	84709	88624	
894	81506	40626	06015	7717/	15713	83702	86705	
534	81103	64602	08414	4557/	13713	84626	84358	88462
559	80906	60636	09014	5567/	13614	85645	88360	
462	80902	48616	09114	4567/	13814	84640	87358	88464
354	80000	58601	09413	3577/	12610	83650	83359	88460
414	70803	62041	07913	754//	11710	81712	85628	87650
360	81202	59031	09313	4577/	12608	84650	88358	
396	71710	61022	10016	7097/	14607	87360		
257	60000	62101	09810	15732	09605	81650	85362	
262	10000	74020	09712	10940	11605	81360		
222	50502	82031	08910	15741	09707	81656	83360	
302	60910	83031	06213	25632	11611	82635	83363	85075
334	51005	62021	08513	45702	11608	84650	84075	
318	60907	45101	08412	25731	11708	82650	83360	85675
204	60709	50041	06815	16332	13610	81709	86075	
131	71012	70022	06515	10942	12712	81362	87075	
162	20000	82034	09908	20939	07604	82364		
135	40908	80030	08512	18471	11502	81710	83078	
140	20000	30284	08809	18431	09501	81816		
171	30000	64020	09311	00901	10500	83075		
091	50000	80021	09209	10931	08203	81365	85070	
005	82804	40284	08411	850//	11210	83700	88615	
075	40000	01444	09110	15701	10309	81650	83075	
010	52305	82014	08313	55500	12205	85625		
049	51806	82022	07912	52506	11210	85820	85070	
026	40000	82021	08212	15502	11204	81626	84075	
022	21304	89031	07512	16301	11503	81707		
100	71215	86031	07213	755//	12302	84625	87630	
917	71208	66026	06115	3543/	13707	81615	83635	85362
980	81308	70616	05714	3547/	13703	81716	83640	88459
976	80914	70618	01114	7642/	14618	87715	88459	
965	81109	64606	02015	6547/	13611	82715	85638	88458
969	81210	75036	04715	864//	13709	85714	87648	
962	71116	65216	00315	7737/	13608	83709	83718	85635
952	71610	56616	99915	762//	15510	81705	87711	87628
953	61308	70026	98715	65600	13608	86634		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97131	13	ro	roiro
862	97150	14	ro	ro
871	07131	13	iroroddRdr	DRdrRrtolor
797	97150	11	iro	ro
776	11131	13	roro	rororRtolo
775	09142	13	iroror	rorRtolor
772	14141	13	roror	rororRro
586	92141	13	+	roro
590	01151	14	+	ir
497	91160	15	+	proiro
502	00131	11	+	+
627	97131	09	+	pro
628	00151	13	+	+
715	97151	13	+	roro
707	91151	13	+	iro
827	97161	14	pro	proiro
817	02141	13	+	irorr
804	14152	13	pr	rr
809	11142	13	irorr	irrr
894	02151	14	+	irroro
534	97120	07	+	iro
559	03142	13	roro	rorrrror
462	96131	11	ro	rororro
354	97121	08	+	roiro
414	00120	09	+	+
360	91111	10	pro	+
396	97150		+	iro
257	00090	07	+	+
262	00121	05	+	+
222	00080	05	+	+
302	00080	08	+	+
334	00131	10	+	+
318	97101	08	pro	+
204	00101	08	+	+
131	00130			
162	00051	02	ff	+
135	00090	06	+	+
140	00071	03	ifff	if
171	00091	05	+	+
091	00071	03	+	+
005	00101	08	ifff	ffFF
075	97071	05	ifffFF	ffFF
010	00110	10		
049	00121	11	+	+
026	00101	06	+	+
022	00100	06	+	+
100	97091	04	+	roiro
917	97141	12	ro	+
980	01131	10		
976	06131	13		
965	03141	13		
969	91141	13		
962	10141	13		
952	23141	14		
953	05141	12		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70508	03004	83025	98022	14407	854//	00218	88610	/////	0//06	10845	30605	/////
C	99521	70344	03003	82718	97026	96011	874//	00104	88818	/////	0//11	11199	30603	/////
D	99440	70410	03004	63013	98012	22919	65400	00209	86620	/////	0//17	12248	30404	/////
E	99350	70481	03004	30905	98020	27024	32500	00209	83820	/////	0//21	12616	30000	12703
I	99585	70192	03004	70411	98028	06813	784//	00602	84815	87625	0//11	11340	30502	99/03
J	99523	70200	03004	50110	98031	05313	32402	00708	83818	84075	0//11	11557	30302	99/04
K	99450	70162	03004	43118	97028	11117	44500	00117	81820	83640	0//13	11756	30506	27602
M	99658	10012	03004	82007	97505	10310	864//	00104	88718	/////	05109	11147	30101	99503

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70509	03064	42723	98011	14907	45501	00501	84620	/////	0//06	10836	30705	/////
C	99524	70347	03063	82922	97515	97011	873//	00226	88709	/////	0//10	11185	30806	/////
D	99439	70409	03064	32914	98012	22019	34500	00810	83620	/////	0//15	12244	30404	/////
E	99350	70481	03064	31010	98250	26024	32500	00609	83820	/////	0//22	12616	30000	12702
I	99589	70190	03064	80210	97258	05512	883//	81803	84808	84625	0//11	11343	30401	02703
J	99523	70200	03064	71001	97801	02914	52432	00710	85818	87074	0//12	11541	30201	99/03
K	99449	70161	03064	62720	97038	12017	48530	00305	83820	83362	0//13	11745	30607	/////
M	99659	10020	03064	80000	97025	10611	864//	00101	88717	/////	05109	11152	30000	99502

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40067 — *Date of Issue* Wednesday 4 August 1971

Code FM 11.D

OBSERVATIONS at 12h. — 3 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$
Boscombe Down	746	81411	58616	03917	6532/	15809	84708	86630	88460
Hurn	862	81713	65606	04518	6547/	15707	81712	86618	88359
Thorney Island	871	71910	74219	04619	6831/	16606	81708	83635	85657
Manston	797	83007	56928	05316	5512/	15001	81702	84703	88459
Gatwick	776	81803	62219	05117	3737/	16710	83707	86358	88462
Kew	775	80000	56619	04917	5732/	15711	85707	88457	
Heathrow	772	81202	56616	04917	5542/	16809	83710	83650	88458
Honington	586	82510	32956	05717	6967/	16612	86930	88360	
Wattisham	590	82710	32628	05516	872//	16806	83703	86705	88713
Gorleston	497	70818	57052	05518	7097/	15729	87360		
Aberporth	502	81311	61612	03417	5547/	14603	81715	85630	88462
Ross-on-Wye	627	80707	57606	04216	874//	14712	88710		
Filton	628	81305	66616	04016	6547/	14809	81714	86618	88359
Rhoose	715	81209	40636	03915	872//	15710	87705	88708	
Chivenor	707	81208	48636	03516	853//	14601	82708	85712	86634
Mount Batten	827	71510	74216	03218	6557/	15802	86620	87460	
St. Mawgan	817	71609	61808	02717	6827/	16103	81705	83707	87460
Scilly	804	72005	66258	02715	784//	14208	84816	84628	
Culdrose	809	72408	64258	02617	4847/	16301	82815	84620	85462
Guernsey	894	71716	81216	04917	38432	16802	82818	86075	
Elmdon	534	80506	45632	05214	6732/	14714	83706	86710	88550
Cardington	559	81304	56636	05316	7537/	16815	84709	84618	86625
Wittering	462	80909	28636	05716	5522/	15610	83705	84630	88459
Watnall	354	80509	48596	05915	2732/	14815	82707	88558	
Shawbury	414	80909	56606	05515	873//	13612	82709	88712	
Finningley	360	80000	64622	06717	6577/	15614	86650	88458	
Kilnsea	396	80813	66216	06815	8097/	11818	88360		
Leeming	257	81206	58606	07318	2557/	15713	82625	84359	88462
Tynemouth	262	71108	32051	08215	7097/	14610	87358		
Carlisle	222	71612	74022	06421	3157/	12714	83825	87360	
Valley	302	71710	78032	04120	785//	13709	83826	87656	
Ringway	334	80805	50636	06216	6557/	13609	86625	88459	
Squires Gate	318	81111	65012	06316	5847/	13805	81718	83650	85359
Ronaldsway	204	70911	56042	05117	784//	13811	81815	87650	
Mull of Galloway	131	31115	74011	05117	12501	12710	81825	83075	
Eskdalemuir	162	71108	70031	06719	785//	12713	83827	86650	
Prestwick	135	61010	80032	05920	58541	12716	85828		
Abbotsinch	140	70711	75801	06619	58432	11617	81818	84825	
Leuchars	171	61011	82031	09116	18572	13508	81820	85072	
Dyce	091	61112	80031	08719	12504	13511	81824	86075	
Lerwick	005	73202	82022	10314	784//	11004	85815	86625	
Wick	075	81005	09464	09512	860//	12808	87701	88702	
Sule Skerry	010	50902	81031	09915	38504	14202	82825	83630	85075
Cape Wrath	049	70906	83032	08614	32445	12803	82710	87070	
Stornoway	026	50409	86021	08416	11631	13805	81830	83368	
Benbecula	022	71209	88216	06917	3547/	13708	81619	83640	85360
Tiree	100	70911	87036	05718	28536	13713	81825	87275	
Aldergrove	917	71212	62052	04419	48431	14607	83816	83360	85070
Malin	980	60923	65106	04016	28532	13612	81820	83360	
Belmullet	976	71212	81016	00816	66432	14702	86717	83638	
Birr	965	81211	75506	01516	864//	14603	87713	86628	
Dublin	969	81313	68026	03316	4847/	13707	84718	88459	
Shannon	962	71508	74258	99719	733//	15704	81708	83916	85640
Roches Point	952	81212	56618	00117	5737/	17301	85709	88458	
Valentia	953	62007	82028	99519	52402	15301	81716	85821	

OBSERVATIONS at 18h. — 3 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$
Boscombe Down	746	72312	82028	02917	32538	14502	83820	84360	86272
Hurn	862	72114	75016	03818	42532	14504	84820	86070	
Thorney Island	871	72215	74021	03917	6542/	15505	83713	86618	87457
Manston	797	72012	64026	04118	1257/	15505	81820	84361	87465
Gatwick	776	72212	75028	03917	3247/	15504	83818	87360	
Kew	775	82008	70026	03019	58508	15507	83822	83656	85075
Heathrow	772	72013	80256	02819	38531	15608	81822	83360	85080
Honington	586	71401	80019	02917	28472	15807	81710	83359	86072
Wattisham	590	41503	65016	02719	25431	15807	81713		
Gorleston	497	62008	60216	01817	63500	16718	86925		
Aberporth	502	71709	66216	02116	58432	15708	81814	85650	87070
Ross-on-Wye	627	52402	60026	01717	48531	15713	81825	84640	
Filton	628	72904	37806	02417	49363	15608	82706	83918	87358
Rhoose	715	72607	75036	02717	7342/	15505	81912	87645	
Chivenor	707	72608	82028	03018	39533	15301	81920	83822	85078
Mount Batten	827	72820	69156	03818	69432	15303	82715	83925	
St. Mawgan	817	62518	74019	04017	68332	15310	83709	84812	
Scilly	804	82524	64032	04316	884//	14106	81818	88623	
Culdrose	809	82716	64808	04316	894//	14311	82915	83820	88625
Guernsey	894	62417	81258	06816	683//	15311	82708	84812	85630
Elmdon	534	81403	56626	01817	6732/	15717	86706	88459	
Cardington	559	73102	59256	02118	6258/	17814	86820	83360	
Wittering	462	81402	56616	02417	2147/	15711	82814	84359	88465
Watnall	354	80604	23606	02516	6522/	16815	82705	85625	88459
Shawbury	414	83602	28586	02315	852//	14714	82703	84711	85625
Finningley	360	80604	22636	02616	872//	16717	84704	88706	
Kilnsea	396	80910	32636	02014	8092/	14725	88460		
Leeming	257	80308	23636	04115	5542/	15518	83716	84645	88559
Tynemouth	262	80605	32606	04415	2567/	15716	82630	88359	
Carlisle	222	80808	56618	04415	854//	14716	81717	85630	88640
Valley	302	82207	74036	02417	2857/	15608	81825	88459	
Ringway	334	80000	30046	02516	852//	15713	81705	85612	88650
Squires Gate	318	80705	24616	03015	853//	15716	85709	86615	88630
Ronaldsway	204	80709	58046	03015	863//	13614	81706	84707	88709
Mull of Galloway	131	81412	70022	02815	5571/	11717	85650	88462	
Eskdalemuir	162	80000	59618	05014	6541/	12710	81712	86632	88459
Prestwick	135	81403	78028	03916	3857/	13713	81825	86358	88462
Abbotsinch	140	80809	65608	04318	3547/	12608	81618	83635	87358
Leuchars	171	70611	80031	06415	11472	13714	81812	86360	
Dyce	091	51007	82031	07117	20951	12712	82360	83072	
Lerwick	005	70000	82012	10213	28401	11711	81814	87080	
Wick	075	90907	05434	08612	9////	12710	89/01		
Sule Skerry	010	81105	58032	08413	864//	13714	88710		
Cape Wrath	049	60510	81012	06512	26446	12714	82710	86070	
Stornoway	026	70414	89022	06115	10936	13717	81368	87280	
Benbecula	022	60614	89032	04718	15632	12719	81640	84364	85075
Tiree	100	81309	84032	03618	38537	14712	81825	83360	88272
Aldergrove	917	71409	62052	02717	58438	13708	81714	85645	87270
Malin	980	71214	75032	02119	5857/	13607	81820	85650	86460
Belmullet	976	82403	60828	99916	834//	15505	88919		
Birr	965	81105	66806	00516	7847/	15606	81716	83820	86636
Dublin	969	81610	65026	01815	5637/	13710	84707	83710	88458
Shannon	962	71105	80258	99818	734//	16102	82711	85920	86650
Roches Point	952	62111	65016	00317	48401	15301	81710	84640	
Valentia	953	62706	82018	00818	32402	15107	83818	86070	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91211	027	$r_or_opr_o$	pr_o
Hurn	862	93200	028	r_or_o	+
Thorney Island	871	92211	030	r_o	+
Manston	797	12211		$pr_oprtlrrRRr_o$	+
Gatwick	776	02211	030	$r_or_orpr_o$	+
Kew	775	02221	029	r_or_o rain	+
Heathrow	772	01221	027	$r_or_or_o$	pr_o
Honington	586	15221		$t_ol_or_ot_ol_oRRr$	$pr_oprt_ol_oRr_o$
Wattisham	590	10211	022	irlRrr	pr_o
Gorleston	497	07181	023	r	rr
Aberporth	502	03171	005	$ir_or_or_o$	r_or_o
Ross-on-Wye	627	02181	003	$ir_or_or_o$	rr_o
Filton	628	07191	005	$r_or_oRr_o$	pr_opRpr_o
Rhoose	715	10181	001	$r_or_orRrrir_o$	ir
Chivenor	707	05191	008	$r_or_orRpr_o$	pr_opr
Mount Batten	827	07191	037	r_or_oR	$prpr_o$
St. Mawgan	817	04201	025	ir_opr_opr	$pr_ot_ol_opr_o$
Scilly	804	02211	046	$prpr_o$	pr
Culdrose	809	02191	031	ir_opr_o	pr_o
Guernsey	894	01191	050	ir_opr_o	pr_o
Elmdon	534	12172	000	r_orrR-r_o	r_oRR-r_o
Cardington	559	13192	001	$r_or_orr_o$	$prpRtlr_otlR$
Wittering	462	05181	000	rr	r_or_of
Watnall	354	06161	000	$r_ordrdrrr$	$r_od_or_o$
Shawbury	414	03161	000	r_or_or	$r_or_od_or_or_oR$
Finningley	360	08181	000	rr_or_o	$rrRr_o$
Kilnsea	396	37172	000	ir_o	rrRRrr
Leeming	257	09192	006	$ir_orrr_or_o$	r_or_orr
Tynemouth	262	03172	047	r_or_o	rrr_or_o
Carlisle	222	04211	042	pr_o	$r_orr_or_or_orr$
Valley	302	97211	015	ir_o	ir_o
Ringway	334	14171	002	r_or_orr	$rrr_or_o-r_o$
Squires Gate	318	08181	005	r_orr	$rrRr_or_o$
Ronaldsway	204	91181	035	r_o	r_or_o
Mull of Galloway	131	92171			
Eskdalemuir	162	05191	034	pr_o	$pr_oprr_or_or$
Prestwick	135	02221	057	pr_o	$ir_or_or_or_orr$
Abbotsinch	140	02211	053	pr_o	ir_orr
Leuchars	171	97181	111	+	ir_o
Dyce	091	00190	117	+	+
Lerwick	005	00151	026	+	+
Wick	075	00131	001	FFff	ffFF
Sule Skerry	010	00171			
Cape Wrath	049	00141	098	+	FF
Stornoway	026	00161	095	+	+
Benbecula	022	97190	059	ir_o	+
Tiree	100	97211	072	+	ir_o
Aldergrove	917	00201	069	+	+
Malin	980	9719	039		
Belmullet	976	2521	028		
Birr	965	0318	001		
Dublin	969	9117	000		
Shannon	962	0420	009		
Roches Point	952	0618	023		
Valentia	953	9220	042		

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	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	03124	22723	98021	16408	10931	00307	81359	/////	0//07	10837	30704	/////
C	99527	70352	03123	73330	97205	05911	753//	00248	87608	/////	0//10	11182	30607	36706
D	99440	70410	03124	43013	98011	24019	41500	00303	84821	/////	0//17	12169	30302	/////
E	99349	70477	03124	41208	98028	27326	49400	00209	82915	/////	0//21	12590	30000	11602
I	99588	70189	03124	70610	97218	05512	6847/	00803	83812	85645	0//11	11369	30502	99/02
J	99522	70198	03124	61412	98012	01215	32532	00710	83820	84362	0//11	11581	30302	99/04
K	99448	70161	03124	72322	98032	13317	785//	00003	82826	84650	0//13	11763	30504	29806
M	99660	10019	03124	80204	97505	11611	864//	00205	88714	/////	05209	11202	30000	99502

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	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70507	03184	82010	97611	15008	8097/	00813	83358	88460	0//07	10843	30301	32704
C	99526	70353	03183	83328	96515	12510	863//	00226	88706	/////	0//10	11209	30605	27806
D	99440	70411	03184	63213	98022	25720	61500	00306	86825	/////	0//16	12200	30303	/////
E	99350	70479	03184	30909	98150	27125	32400	00803	83815	/////	0//21	12598	30401	/////
I	99588	70189	03184	70605	98162	05112	4847/	00605	82818	87656	0//11	11351	30401	99/02
J	99522	70198	03184	81214	97616	98213	3557/	00716	83628	85358	0//10	11578	30303	99/03
K	99449	70161	03184	82327	97606	11317	855//	00813	88623	/////	0//16	11722	30506	/////
M	99661	10019	03184	70407	97025	12311	764//	00400	87710	/////	05109	11152	30000	99502

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

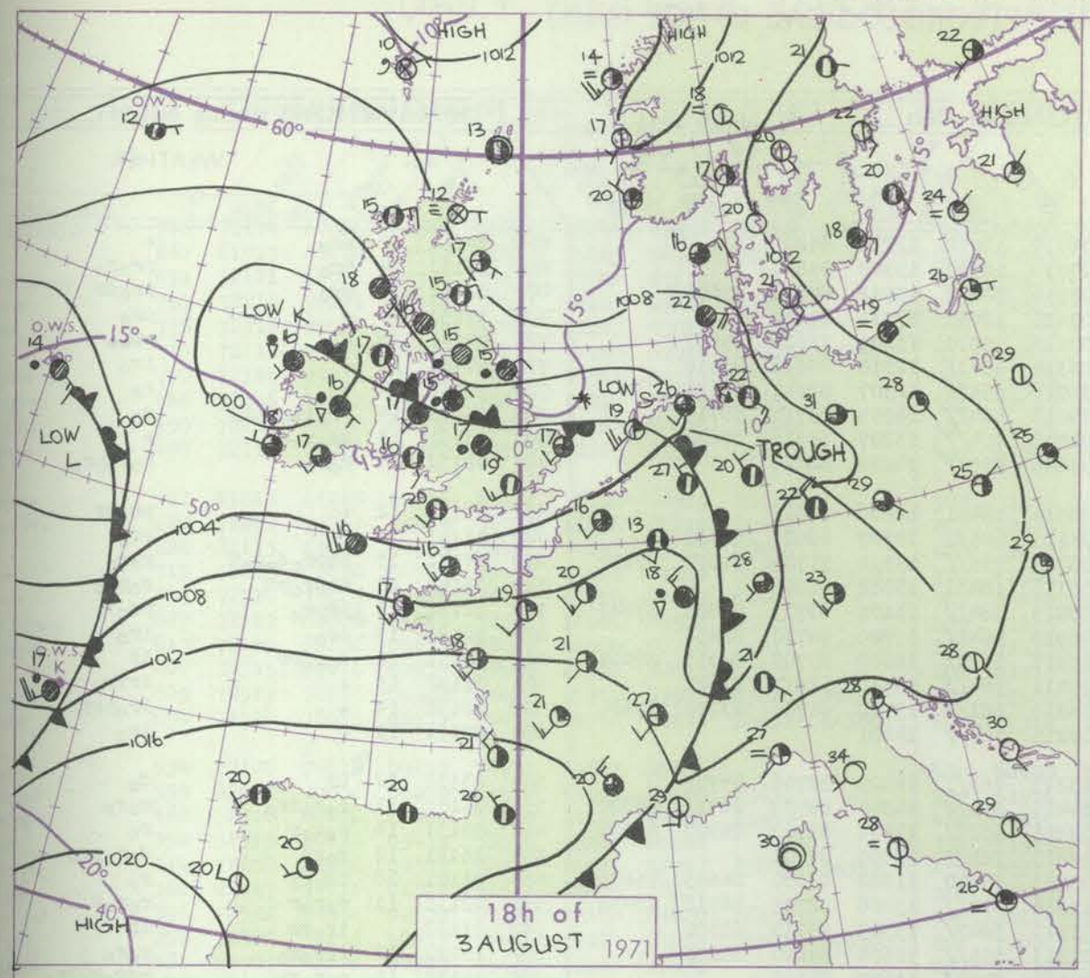
CIVIL TWILIGHT (Mid-August)

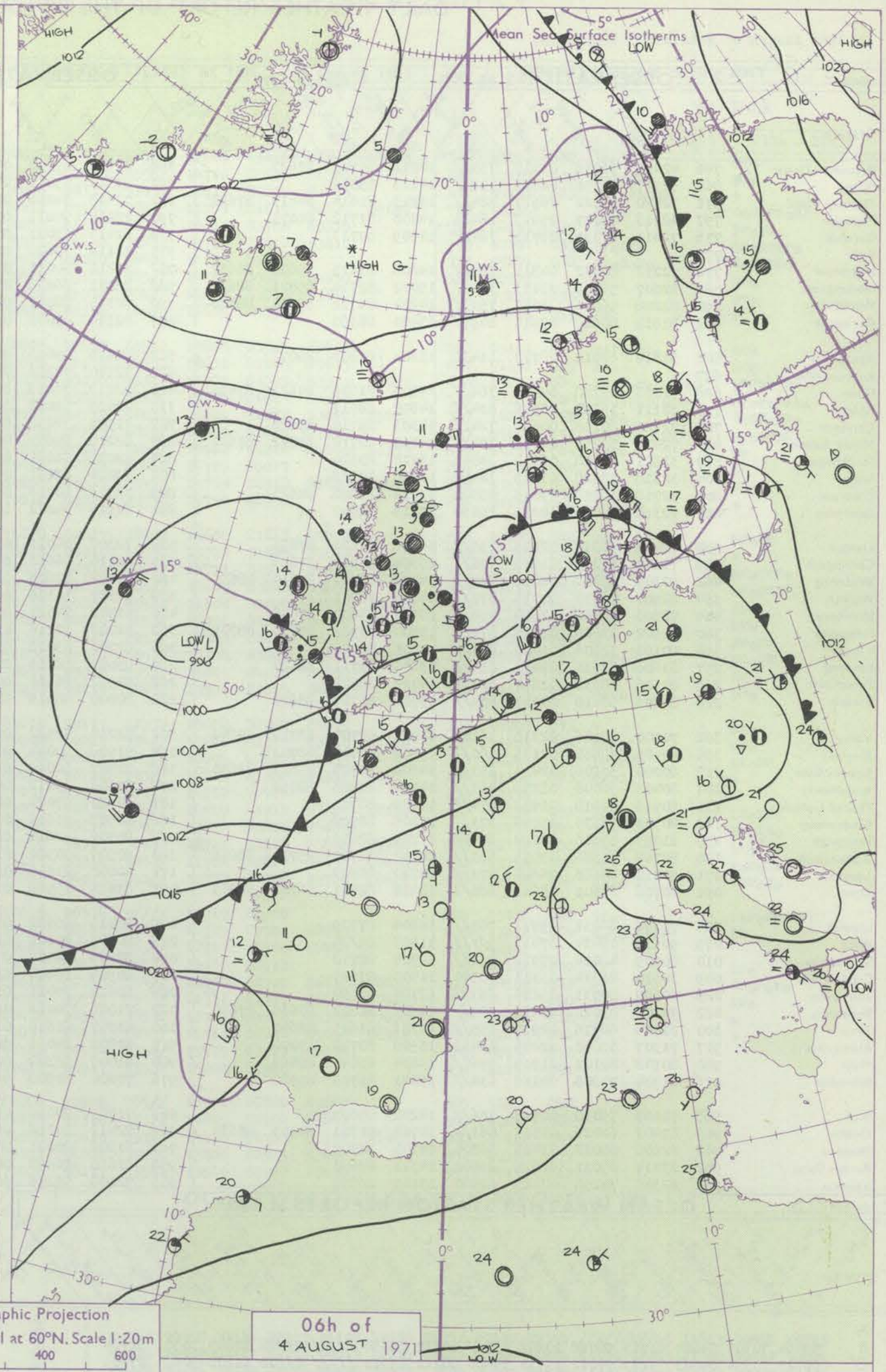
NAUTICAL MILES

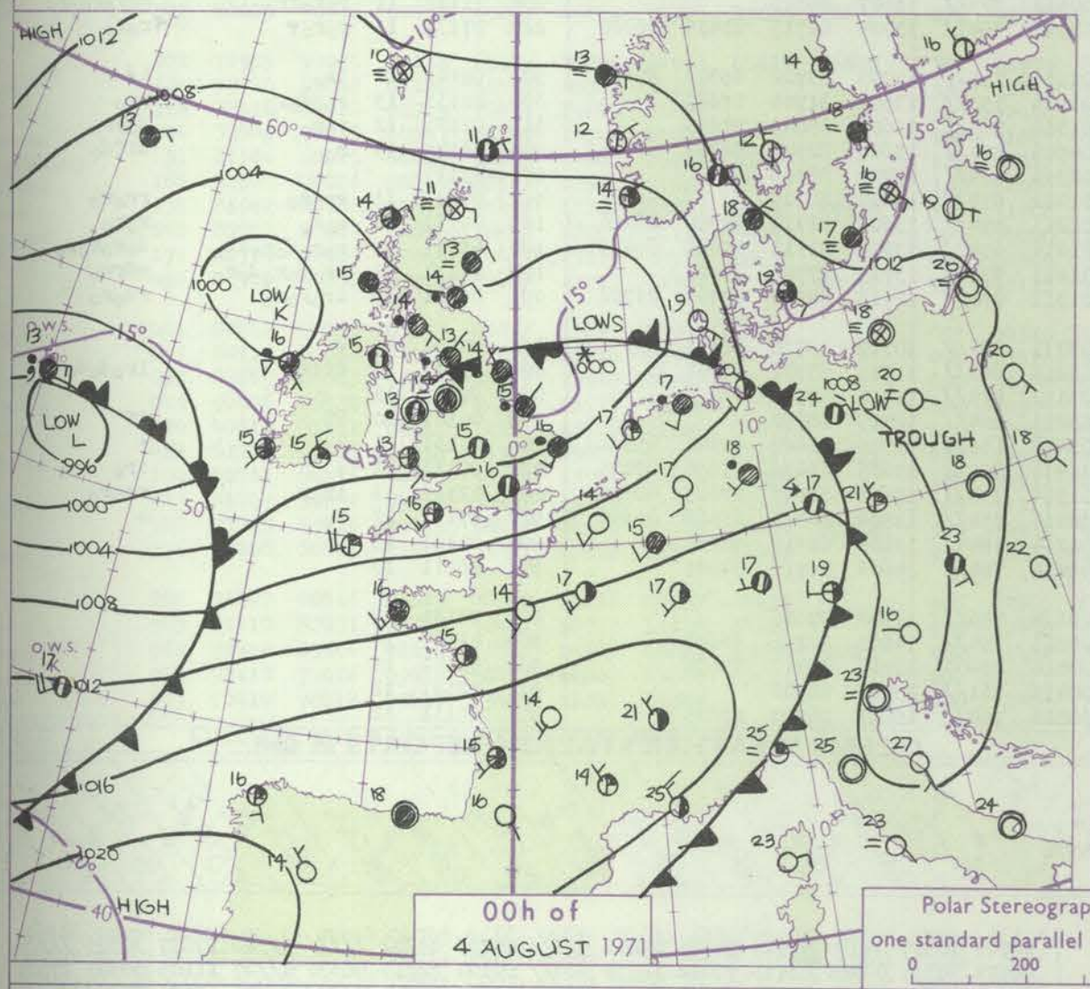
0 100 200 300 400 500 1000 1500

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

12 h of
3 AUGUST 1971







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 4 August 1971

The depression near O.W.S.'J' made slow progress towards Ireland with frontal troughs sweeping northwards across the British Isles and with another low forming in the trough over the North Sea. Pressure is building over Iberia with a ridge extending into Europe. Pressure is also relatively high over Iceland. During the next 24 hours a general northwards transference of low pressure is expected to the east of the British Isles with the low over the North Sea moving steadily northwards and the low west of Ireland moving slowly northeastwards. Meanwhile an anticyclone is expected to form in the ridge over central Europe.

Code FM 11.D

OBSERVATIONS at 00h. 4 August 1971

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	72411	66038	05515	753//	14212	85709	87627	
Hurn	862	52317	80251	06516	5093/	14113	85359		
Thorney Island	871	72420	69022	06517	784//	13213	81814	84815	87622
Manston	797	42213	75021	05915	16431	14208	81712	84075	
Gatwick	776	72411	62031	05715	764//	14209	87713		
Kew	775								
Heathrow	772	72212	80032	04816	784//	14208	83613	85631	86657
Honington	586	82007	56809	03115	884//	15002	82714	85821	88631
Wattisham	590	82208	56026	03615	7547/	14204	84712	86620	88360
Gorleston	497	81912	60616	02816	8097/	15400	88360		
Aberporth	502	51610	62012	02713	11432	13201	81816	85072	
Ross-on-Wye	627								
Filton	628	72006	67258	04415	784//	14105	81818	84621	87635
Rhoose	715	82111	15018	03915	834//	14802	88911		
Chivenor	707	72420	80258	04616	724//	14303	85714	87826	
Mount Batten	827	72422	62258	07016	784//	14113	82714	83822	87632
St. Mawgan	817	32521	66018	06615	34541	13214	83624		
Scilly	804	32518	74028	07815	32400	12216	83818		
Culdrose	809	42718	69018	07015	48500	13214	82820	84625	
Guernsey	894	12319	74020	10215	15630	13210	81630		
Elmdon	534	72408	56016	02915	755//	14306	81620	87656	
Cardington	559	72212	61219	03516	756//	15304	84640	87656	
Wittering	462	82309	28604	02015	853//	14400	83706	85614	88635
Watnall	354	82307	13636	02215	871//	14801	88701		
Shawbury	414	72303	20046	02614	756//	13400	83630	87645	
Finningley	360	82902	23606	01415	871//	15704	83702	86703	88705
Kilnsea	396	80102	32606	01015	873//	15705	88708		
Leeming	257	83606	32636	02413	854//	13605	83711	88624	
Tynemouth	262	83506	48636	02814	8052/	14712	88525		
Carlisle	222	80606	58616	03013	854//	13708	86715	88628	
Valley	302	70000	58106	02315	5523/	14703	82704	83710	85640
Ringway	334	82405	08466	02115	860//	15502	86700	88702	
Squires Gate	318	80000	30106	02414	853//	14602	84709	85623	88650
Ronaldsway	204	80403	50046	02215	863//	14706	84708	88710	
Mull of Galloway	131	80916	64616	01913	874//	13709	88715		
Eskdalemuir	162	80303	56636	03513	873//	12808	88707		
Prestwick	135	81005	59616	03014	857//	12707	88656		
Abbotsinch	140	80709	56586	03515	853//	14707	82707	85709	88656
Leuchars	171	80410	40586	04614	872//	14710	88703		
Dyce	091	80708	28101	05613	860//	13810	82701	86702	88703
Lerwick	005	70706	66031	09711	763//	10804	87709		
Wick	075	90910	05434	07411	9////	11805	89/00		
Sule Skerry	010	80909	48024	07912	864//	12704	88710		
Cape Wrath	049	30510	81014	05311	35500	11705	83625		
Stornoway	026	60309	80031	05214	657//	13704	86650		
Benbecula	022	70805	83022	03515	785//	13605	81822	83635	87650
Tiree	100	81406	66216	02915	855//	13706	81625	88640	
Aldergrove	917	71307	58052	02215	46432	13506	83710	87070	
Malin	980	80508	60102	01915	3567/	13804	83640	88462	
Belmullet	976	61704	70808	00116	634//	15001	81715	85920	
Birr	965	71003	75038	00915	756//	14202	87637		
Dublin	969	81403	62026	01515	861//	14704	81701	84703	88634
Shannon	962	32106	80018	01415	36300	14108	82709		
Roches Point	952	23414	65021	02815	25600	14311	82640		
Valentia	953	62305	70258	02015	62400	13105	86819		

OBSERVATIONS at 06h. 4 August 1971

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	22509	69018	06714	18430	13212	81815		
862	22313	75011	07716	18530	13307	81820		
871	72413	74258	07916	784//	13312	84815	87650	
797	22215	74011	07615	12430	13311	81710		
776	62413	65031	07115	55530	13209	81620	85657	
775	72114	74022	06316	6543/	12310	85618	85656	
772	72216	80011	05916	6547/	12307	82617	86624	
586	82211	66038	04015	864//	14205	83710	88714	
590	72315	78012	04515	754//	13207	85616	87622	
497	82114	60036	03816	855//	14210	88625		
502	12014	69018	03514	18401	12206	81815		
627	72110	70256	04115	685/1	14707	83825	86630	
628	72213	74018	05715	753//	13314	81709	84614	87630
715	22415	75018	05315	18431	13312	81814		
707	71909	74258	05815	784//	13101	83716	83825	87642
827	82215	59602	06916	4642/	15706	84710	88458	
817	72010	56151	05915	5537/	14609	83707	84613	86360
804	72014	69151	05116	784//	14716	82817	87628	
809	72513	60216	06316	783//	15708	81706	83710	87624
894	72114	74022	10215	784//	14101			
534	72307	64011	03215	763//	14305	82706	85707	
559	82114	66616	04415	853//	14304	84709	86712	88620
462	72308	62606	02915	6527/	14304	82705	84707	87359
354	72307	14106	02813	761//	13305	87701		
414	51903	74021	02713	55600	11302	82630	84635	85645
360	82202	32216	01814	6722/	13206	82705	86712	88458
396	82706	63026	01113	5647/	13303	85710	88360	
257	83002	58616	01313	855//	12604	84620	88650	
262	82912	66616	00612	8052/	11607	88525		
222	80000	48616	01313	4547/	13704	81715	83635	88360
302	72014	37522	01115	751//	15705	83702	85703	87645
334	71908	30044	01914	753//	13501	81708	87645	
318	72507	62015	01315	783//	15605	85809	87650	
204	81602	23212	00915	870//	13607	82700	88702	
131	80910	57024	00314	863//	13709	88706		
162	80503	56616	01412	873//	11607	88709		
135	80302	58616	01213	4547/	13606	81713	84650	86360
140	80507	50586	01414	6542/	13608	82713	85640	88459
171	80000	23656	01613	7722/	13713	87703	88520	
091	83614	15586	01312	870//	12718	82700	85701	87702
005	80415	66022	05711	854//	10717	85710	88615	
075	80509	40105	03812	861//	11715	85702	88703	
010	80809	48505	05112	873//	11710	88708		
049	80909	16404	03211	864//	10715	88710		
026	60612	70011	03413	15572	13506	81620	83362	85368
022	71006	74012	01914	55532	13605	81620	85650	87075
100	81007	60616	01114	7542/	13611	81617	87625	88550
917	70802	24056	00414	754//	13508	84710	85618	86640
980	81009	56102	00214	1647/	13608	81717	88360	
976	70000	60508	99114	784//	14606	87712	84635	
965	71703	70012	00814	756//	13703	87635		
969	72412	80216	00815	754//	14101	82716	86620	
962	61208	80021	00014	65400	13710	82715	85630	
952	81610	16596	00415	861//	15718	88702		
953	72008	59216	98516	764//	15617	86710	87635	

OBSERVATIONS during NIGHT

iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97131	12	pr_o	+
862	97150	14	pr_o	pr_or_o
871	01151	13	pr_o	pr_odr
797	97151	13	+	pr_o
776	97141	13	+	~~pr~~
775	97161	15	+	ir_o
772	97151	14	+	r_o
586	94151	14	$pr_oir_or_or_o$	r_o
590	93151	13	$pr_or_or_o$	+
497	02152	14	r_or_o	$r_or_opr_o$
502	01131	12	+	pr_opr
627	01141	13	r	pr_o
628	07141	13	$pRpr_od_or_oR$	r_or_o
715	05142	13	$prpr_opR$	r_opr_o
707	02151	13	$prpr_o$	pr_o
827	96151	13	pr_o	ir_o
817	02131	11	d_or_orr	ir
804	01152	13	+	ir_ir_o
809	08152	14	+	ir_oprpR
894	97151	13	+	ir_o
534	03131	12	Rr	d_o
559	03141	13	$r_or_oir_o$	r_or_o
462	02131	14	r_or_or	r_o
354	06131	12	r_orr	$d_or_opr_o$
414	91101	06	id_or_o	r_o
360	02131	13	r_or_or	r_or_or
396	01132		ir_orr	ir
257	10132	12	rrr_or_o	r_or_o
262	11122	11	r_or_orr	$rrr_or_oir_o$
222	07131	13	r_or_oY	Yr_or_o
302	91141	12	ir_o	id
334	02131	13	r_ord_of	pr_o
318	92131	12	r_or_o	d_opr_o
204	96141	13	r_o	$drfd_o$
131	03131			
162	07111	11	rr_or_o	rr_or_o
135	04131	13	r_or_o	r_or_o
140	03141	13	$r_or_od_or_oid_o$	$d_or_or_or_o$
171	11131	13	$ir_od_or_od_or_o$	$rRrr_o$
091	01121	12	$ir_or_or_o$	rd_or_o
005	00101	05	+	+
075	93111	11	$ffid_o$	$ir_od_od_o$
010	91111	11		
049	00101	10	FF	ff
026	00131	11	+	+
022	97131	11	+	ir_o
100	02131	13	ir_or	rr_or_o
917	97131	12	r_o	+
980	00141	13		
976	06111	10		
965	92131	12		
969	01141	14		
962	93141	13		
952	02131	12		
953	05131	12		

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														
B	99564	70507	04004	81315	98028	13208	857//	00811	88656	/////	0//08	10845	30301	32704
C	99525	70354	04003	73223	97012	17710	75400	00222	87612	/////	0//08	11208	30604	27806
D	99440	70410	04004	73308	98022	27919	75500	00108	87620	/////	0//15	12111	30303	/////
E	99350	70479	04004	20809	98020	28325	21500	00312	82820	/////	0//21	12632	30401	/////
I	99589	70190	04004	80507	98018	04812	884//	00802	82818	83625	0//11	11347	30501	04705
J	99522	70200	04004	80717	96586	97213	854//	00801	85710	88615	0//11	11573	30403	99/05
K	99450	70157	04004	72520	97036	11917	6843/	00003	82826	85650	0//16	11703	30508	29803
M	99661	10019	04004	80306	97022	13410	864//	00206	88710	/////	05109	11149	30000	99502

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														
B	99965	70507	04064	91517	94475	07208	9////	00733	89/02	/////	0//08	10837	30503	/////
C	99527	70355	04063	83118	97022	18710	884//	00101	82815	88630	0//07	11105	30603	27805
D	99438	70412	04064	42904	98022	28219	45500	51802	84620	/////	0//16	12110	30302	/////
E	99350	70479	04064	20804	98020	27324	21500	00810	82820	/////	0//20	12592	30401	/////
I	99587	70190	04064	80513	97152	03513	884//	00710	84812	88625	0//12	11343	30402	04703
J	99521	70200	04064	80221	97616	98713	4347/	00313	82912	88460	0//13	11522	30504	36806
K	99451	70155	04064	82125	97812	09417	834//	00614	86710	83920	0//16	11714	30608	29803
M	99660	10020	04064	80212	96505	13010	865//	00804	88723	/////	05210	11167	30101	99503

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40068

Date of Issue Thursday 5 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 4 August 1971

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	72121	62606	06517	753//	14807	83708	85712	86620
Hurn	862	81917	60218	07717	854//	15805	84712	88620	
Thorney Island	871	72121	66026	08718	754//	15602	87615		
Manston	797	72218	70251	08918	784//	14207	85818	86650	
Gatwick	776	72316	70028	08419	5243/	15203	85818	85360	
Kew	775	72113	78038	07319	784//	14000	82714	85818	86650
Heathrow	772	72114	75038	07119	724//	14801	82713	87818	
Honington	586	72216	80032	05720	786//	12204	85835	86650	
Wattisham	590	72419	80032	06120	786//	11104	84830	86650	
Gorleston	497	52118	60018	06020	58500	12210	82820	85627	
Aberporth	502	81813	61218	02116	854//	16710	86710	88640	
Ross-on-Wye	627	71812	77252	03619	785//	16816	85825	87630	
Filton	628	82113	69506	04918	854//	15812	85616	88640	
Rhoose	715	72014	56618	04517	4547/	15511	81712	84620	87358
Chivenor	707	72314	78026	03919	784//	15708	84817	86650	
Mount Batten	827	72119	66806	05818	7233/	16706	84708	85820	
St. Mawgan	817	72115	66256	04617	784/2	14000	81710	85812	86618
Scilly	804	32315	69016	04917	38400	16102	82815	83625	
Culdrose	809	72519	72028	05318	734//	15500	83915	83820	85635
Guernsey	894	71714	78026	09517	5547/	15708	83616	84632	86360
Elmdon	534	72120	75025	04119	58531	14802	85820		
Cardington	559	82114	70036	06019	855//	13101	86625	88635	
Wittering	462	52318	80028	04420	41530	14105	84826	83359	
Watnall	354	52315	80028	03419	58500	13202	85826		
Shawbury	414	72208	66256	03317	5843/	14501	82712	83823	86359
Finningley	360	62417	77016	01821	615//	14000	86828		
Kilnsea	396	62522	66032	01820	4257/	13106	84820	86360	
Leeming	257	72306	58156	00817	784//	15704	81815	85828	87650
Tynemouth	262	82707	58026	00315	856//	13303	88635		
Carlisle	222	80000	56516	00813	852//	13603	85704	85623	88638
Valley	302	71915	74025	01118	6533/	15806	81708	85614	86650
Ringway	334	52410	80018	02120	58530	10701	84820		
Squires Gate	318	22416	84018	02019	18531	15203	81820		
Ronaldsway	204	32009	70016	00917	38300	15701	81709		
Mull of Galloway	131	81106	60025	00015	5642/	14803	85715	88460	
Eskdalemuir	162	82605	70026	00215	885//	11605	81822	88632	
Prestwick	135	81602	65606	00515	6547/	12804	83712	85632	87358
Abbotsinch	140	80000	60606	00815	2847/	12705	81710	88362	
Leuchars	171	82714	62606	98914	854//	13610	82710	88630	
Dyce	091	83320	57636	97713	871//	12711	82702	85707	88712
Lerwick	005	80412	58052	03113	852//	11715	86705	88615	
Wick	075	80110	40606	01513	872//	12714	83703	88704	
Sule Skerry	010	80509	66025	03113	854//	12713	88615		
Cape Wrath	049	90906	06434	02311	9////	11710	89/00		
Stornoway	026	40515	75011	02315	12531	13708	81825	84075	
Benbecula	022	81205	63616	01415	6537/	13804	81706	83613	85635
Tiree	100	80811	84016	00415	3577/	13705	83656	88359	
Aldergrove	917	81407	59052	99218	6647/	15808	86711	88458	
Malin	980	80713	57216	99115	6641/	14710	83715	85650	87462
Belmullet	976	70208	80805	97518	734//	15608	81717	86921	
Birr	965	71707	80016	98319	785/2	15812	86822	84638	
Dublin	969	61410	82031	99318	4243/	14713	81715	84822	
Shannon	962	72408	83806	98218	7356/	15605	85823	83650	82923
Roches Point	952	72118	75026	99618	5847/	15803	83817	85632	
Valentia	953	52410	78018	99017	53400	13303	85919		

OBSERVATIONS at 18h. 4 August 1971

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	72220	74036	04517	5853/	11609	83820	83645	85359
Hurn	862	72213	65038	05718	6555/	14710	86625	86360	
Thorney Island	871	52113	74036	06317	31431	15712	83812	83075	
Manston	797	71913	66212	07518	784//	15707	81815	84627	85650
Gatwick	776	72309	70258	06517	58331	16613	83708	83814	
Kew	775	42011	78018	05418	38432	14713	81712	83818	
Heathrow	772	51914	81018	05219	48404	14713	83816		
Honington	586	72017	80022	05119	785//	14705	85822	84650	
Wattisham	590	72113	69158	05418	784//	14608	85818	85650	
Gorleston	497	51820	60022	05319	50970	15605	85358		
Aberporth	502	71715	62808	00817	635/2	12804	83928	83830	
Ross-on-Wye	627	72310	81028	02517	58502	13601	81825	85635	
Filton	628	72409	35826	03616	7337/	14705	83707	83915	85625
Rhoose	715	52508	75218	03217	38430	13805	81815	84358	
Chivenor	707	62110	70028	02519	48532	13811	82822	83650	85075
Mount Batten	827	72113	58058	04117	1858/	15715	81820	87359	
St. Mawgan	817	72414	56808	03315	6843/	14712	84816	84650	86359
Scilly	804	62115	69018	02616	68400	14717	85817		
Culdrose	809	72508	62258	03315	5347/	14719	82918	83820	86459
Guernsey	894	22314	70016	07317	25730	15710	82650		
Elmdon	534	62009	75258	02317	28432	15606	81812	85072	
Cardington	559	51914	70018	03919	58532	13712	81825	85640	
Wittering	462	72015	80038	02719	5847/	13711	82818	84635	86358
Watnall	354	71913	78258	01817	785//	14607	83820	87640	
Shawbury	414	72212	80158	00820	49562	11604	81920	83645	87070
Finningley	360	52110	62018	00520	38531	15711	82820	83650	
Kilnsea	396	62121	66258	01818	2257/	16703	82820	86360	
Leeming	257	72006	56808	99917	6853/	15708	83822	86650	87360
Tynemouth	262	72710	48052	99718	735//	15601	84925	87630	
Carlisle	222	72605	82038	99219	68432	13706	81815	84822	
Valley	302	61923	69011	99117	12332	15608	81707	85075	
Ringway	334	72216	70808	00219	734//	13606	81915	83818	85640
Squires Gate	318	72006	80258	00217	685/2	16705	83820	85635	
Ronaldsway	204	71807	68021	98716	793//	14712	81706	83711	81920
Mull of Galloway	131	81812	78031	97915	8092/	14712	88460		
Eskdalemuir	162	82006	69212	98815	884//	14609	81714	83824	88638
Prestwick	135	71702	58808	98216	784//	13713	82816	86628	
Abbotsinch	140	70000	75016	98317	38472	12712	81818	83640	87360
Leuchars	171	82506	66216	98214	6852/	12704	81825	86635	88460
Dyce	091	83118	58636	96913	853//	12702	84708	87710	88615
Lerwick	005	90316	02616	99312	9////	12719	89/00		
Wick	075	83510	30636	98512	872//	12714	87703	88705	
Sule Skerry	010	80309	59022	00613	5632/	12712	85708	88458	
Cape Wrath	049	80905	81024	00511	864//	11710	88712		
Stornoway	026	80416	58616	00713	854//	13710	82710	86618	88630
Benbecula	022	70713	74026	99715	5547/	12711	81710	85640	87460
Tiree	100	70511	80012	98516	38532	13711	81822	85360	87075
Aldergrove	917	71311	70031	96419	6847/	15713	82818	85656	86359
Malin	980	70919	58102	96514	7356/	13715	83920	86650	
Belmullet	976	32311	81018	96517	13532	15602	81920		
Birr	965	72505	66808	97915	785//	13301	85820	87640	
Dublin	969	72408	84158	97318	735/2	14805	82924	86643	
Shannon	962	71402	80808	97616	733//	14400	81707	83712	85820
Roches Point	952	52113	70158	98817	39402	13806	82915	83067	
Valentia	953	72307	75038	98117	53502	13506	85922	83070	

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	93201	032	ir$_o$	pr$_o$
Hurn	862	97190	039	r$_o$r$_o$pr$_o$	pr$_o$
Thorney Island	871	94191	023	drd$_o$r$_o$r$_o$r	+
Manston	797	96211		pr$_o$	d$_o$r$_o$rr$_o$r
Gatwick	776	04191	030	pr$_o$	pr$_o$pr
Kew	775	92201	037	pr$_o$ir$_o$	ir$_o$prpr$_o$
Heathrow	772	97201	030	pr$_o$d$_o$r$_o$	d$_o$r$_o$pr$_o$
Honington	586	92221		+	pr$_o$
Wattisham	590	93211	039	+	pr$_o$
Gorleston	497	01220	059	pr	+
Aberporth	502	05191	050	prr$_o$Rpr$_o$	pr$_o$
Ross-on-Wye	627	91191	017	pr$_o$	pr$_o$
Filton	628	13201	025	pr$_o$d$_o$r$_o$RprR	pRRpR$_2$pr
Rhoose	715	04181	008	pr$_o$ir$_o$rr$_o$pR	pr$_o$r$_o$t$_o$l$_o$
Chivenor	707	16211	033	rpr$_o$	t$_o$pR$_2$pr$_o$
Mount Batten	827	05191	052	ir$_o$Rpr$_o$pr	pr$_o$prpR
St. Mawgan	817	04191	024	irpr	pr
Scilly	804	07192	064	pr	pR
Culdrose	809	93190	032	pr$_o$	pr$_o$
Guernsey	894	93180	028	ir$_o$ir$_o$	+
Elmdon	534	01201	046	pr$_o$	pr$_o$pr
Cardington	559	97211	049	pr$_o$	+
Wittering	462	93211	052	pr$_o$pr	pr$_o$prr$_o$
Watnall	354	02211	038	pr$_o$	pr$_o$prpR
Shawbury	414	92211	049	pr$_o$	jp
Finningley	360	97221	051	pr$_o$	pr$_o$
Kilnsea	396	93211	061	+	pr$_o$pr
Leeming	257	09212	015	rpr$_o$	pr$_o$pR
Tynemouth	262	91191	009	ir$_o$	pr
Carlisle	222	91191	022	d$_o$d$_o$	pr$_o$
Valley	302	97201	073	+	pr$_o$
Ringway	334	01201	036	pr$_o$pr	pr$_o$
Squires Gate	318	08201	037	pr$_o$pR	pr$_o$pR
Ronaldsway	204	91181	023	d$_o$-r$_o$	+
Mull of Galloway	131	92171			
Eskdalemuir	162	01171	001	r$_o$r$_o$	ir$_o$pr$_o$
Prestwick	135	93181	001	ir$_o$	pr$_o$id$_o$
Abbotsinch	140	01171	000	r$_o$r$_o$d$_o$r$_o$	ir$_o$
Leuchars	171	01151	000	rr$_o$	r$_o$r$_o$ir$_o$
Dyce	091	22132	000	d$_o$r$_o$drrr	rrr$_o$r$_o$
Lerwick	005	05131	000	ir$_o$	r$_o$r$_o$rrfffF
Wick	075	13132	000	d$_o$d$_o$ir$_o$rr	RR
Sule Skerry	010	92131			
Cape Wrath	049	91121	000	ff	ir$_o$
Stornoway	026	94151	042	+	ir$_o$r$_o$r$_o$
Benbecula	022	94171	000	r$_o$r$_o$ir$_o$	ir$_o$
Tiree	100	00181	018	+	+
Aldergrove	917	00211	024	+	+
Malin	980	9715	018		
Belmullet	976	0119	062		
Birr	965	0220	049		
Dublin	969	0221	066		
Shannon	962	0116	047		
Roches Point	952	0218	077		
Valentia	953	0219	067		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

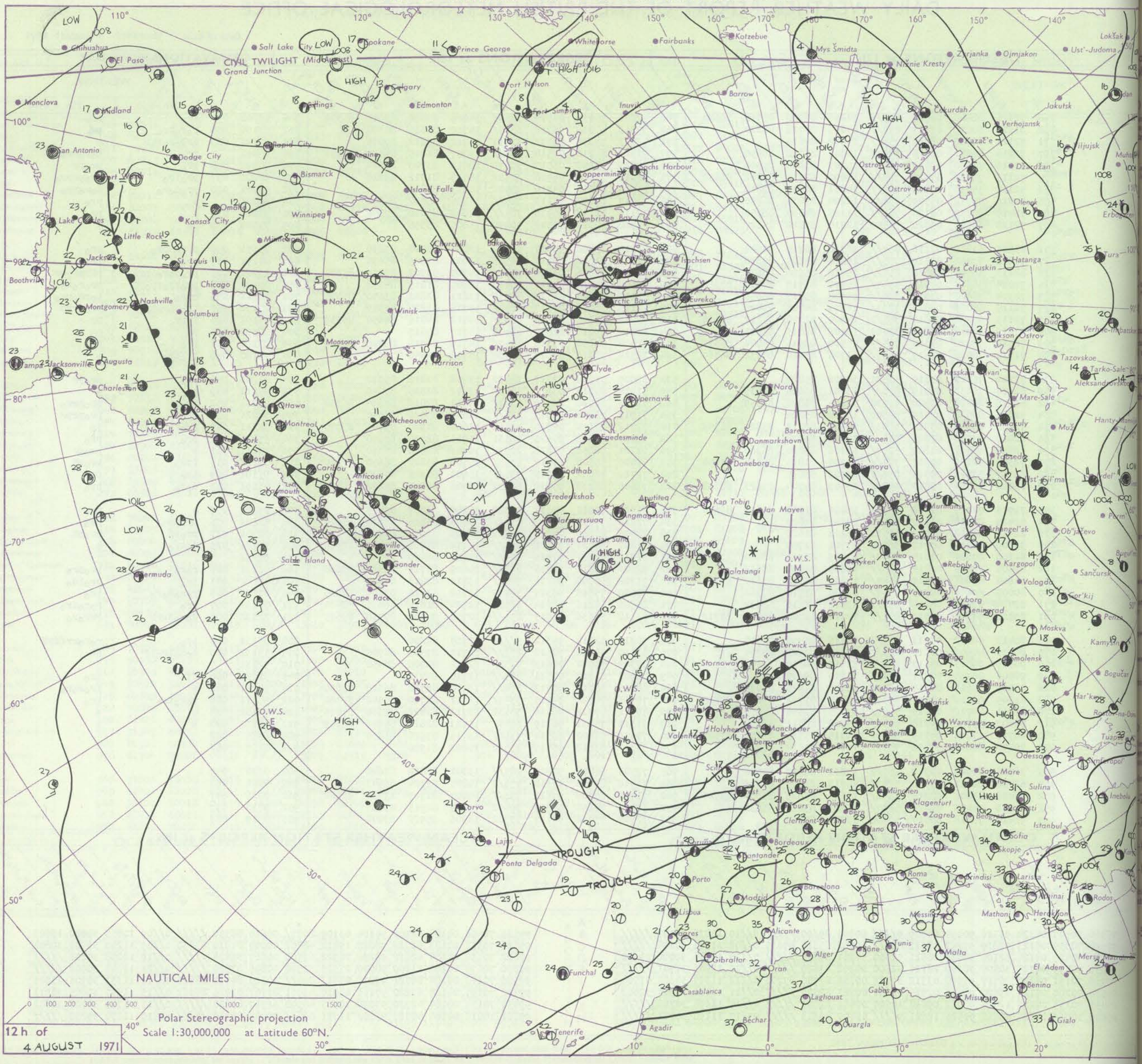
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99566	70507	04124	91516	90454	04709	9////	00805	89/00	/////	0//10	10838	30502	/////
C	99528	70359	04123	92819	97252	18911	884//	00002	85810	87635	0//08	11141	30604	/////
D	99427	70428	04124	52104	98032	28821	52500	54101	85825	/////	0//18	12144	30000	29602
E	99350	70479	04124	30808	98150	28126	32500	00208	83820	/////	0//20	12583	30401	/////
I	99586	70191	04124	30717	95598	03312	873//	00502	83706	87708	0//12	11357	30604	01704
J	99520	70200	04124	43420	98018	02915	22531	00221	82820	/////	0//11	11510	30504	32008
K	99451	70153	04124	12426	98011	09018	18500	00801	81823	/////	0//14	11698	30708	/////
M	99660	10019	04124	90512	91515	12611	9////	00400	89/03	/////	05110	11150	30202	/////

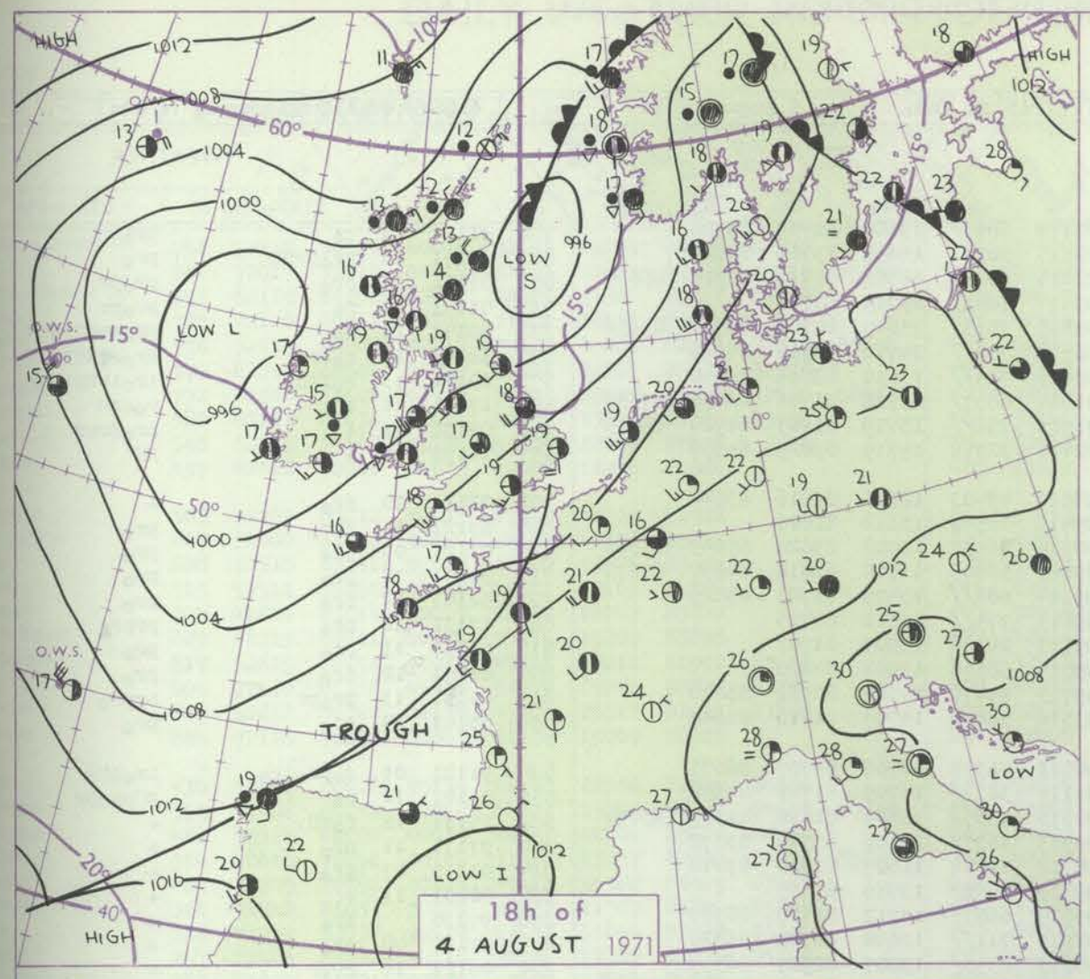
OCEAN WEATHER STATION REPORTS at 18h.

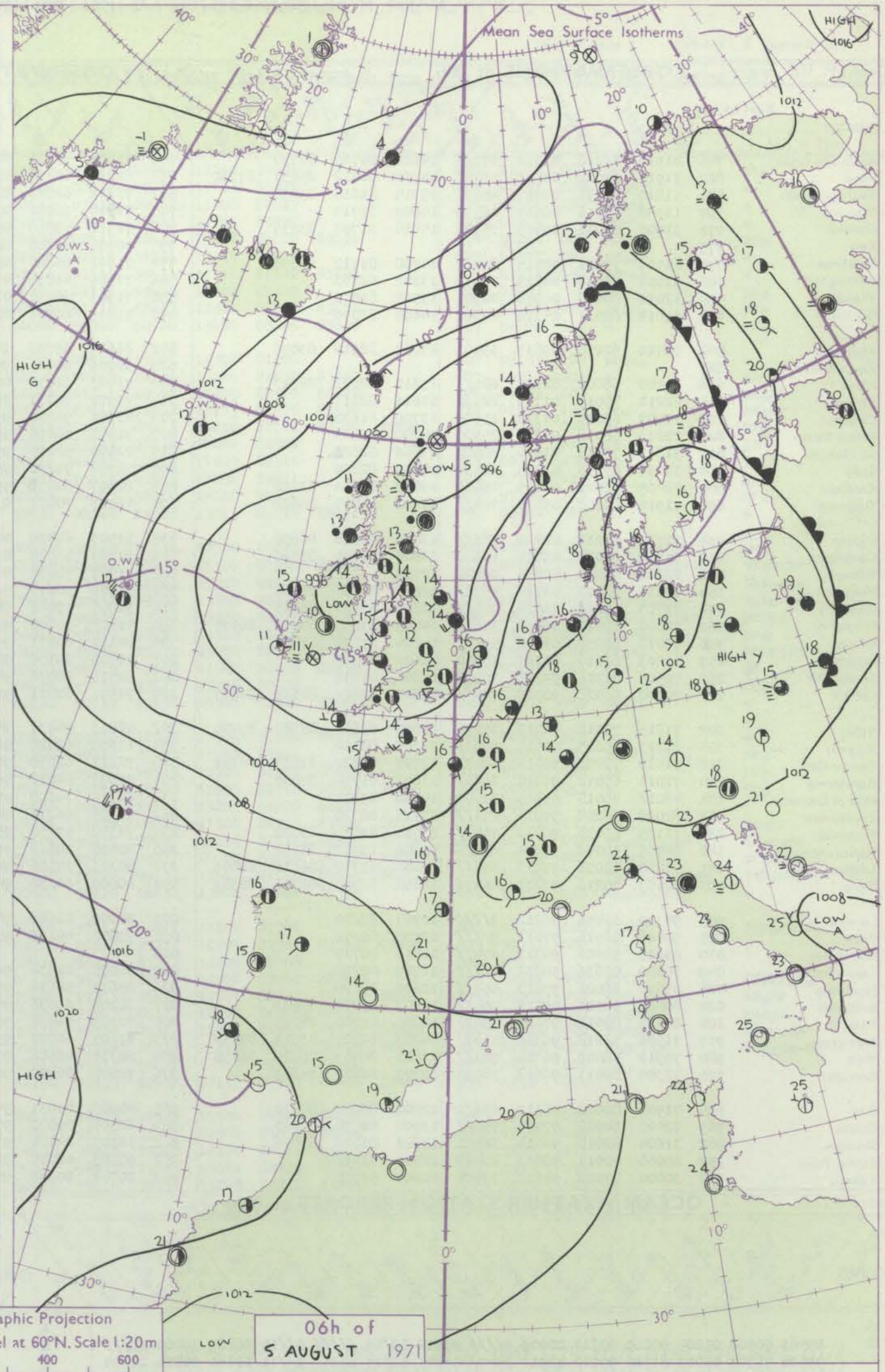
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70508	04184	82107	95104	03109	8077/	00610	88350	/////	0//09	10863	30000	18603
C	99526	70352	04183	62712	98012	19212	48402	00000	81810	83630	0//09	11200	30402	30804
D	99422	70436	04184	62616	98198	28922	63500	00607	86828	/////	0//19	12288	30202	/////
E	99350	70479	04184	21209	98020	27525	32500	00806	83820	/////	0//21	12648	30402	/////
I	99586	70193	04184	80521	97216	04413	854//	00310	84710	88620	0//11	11333	30705	03805
J	99520	70195	04184	63220	97151	04914	43461	81107	83915	84362	0//13	11537	30605	30211
K	99450	70154	04184	42930	97038	10917	48500	61317	83820	/////	0//15	11703	30708	30802
M	99661	10017	04184	80517	95105	11011	864//	00708	88710	/////	05410	11280	30203	/////

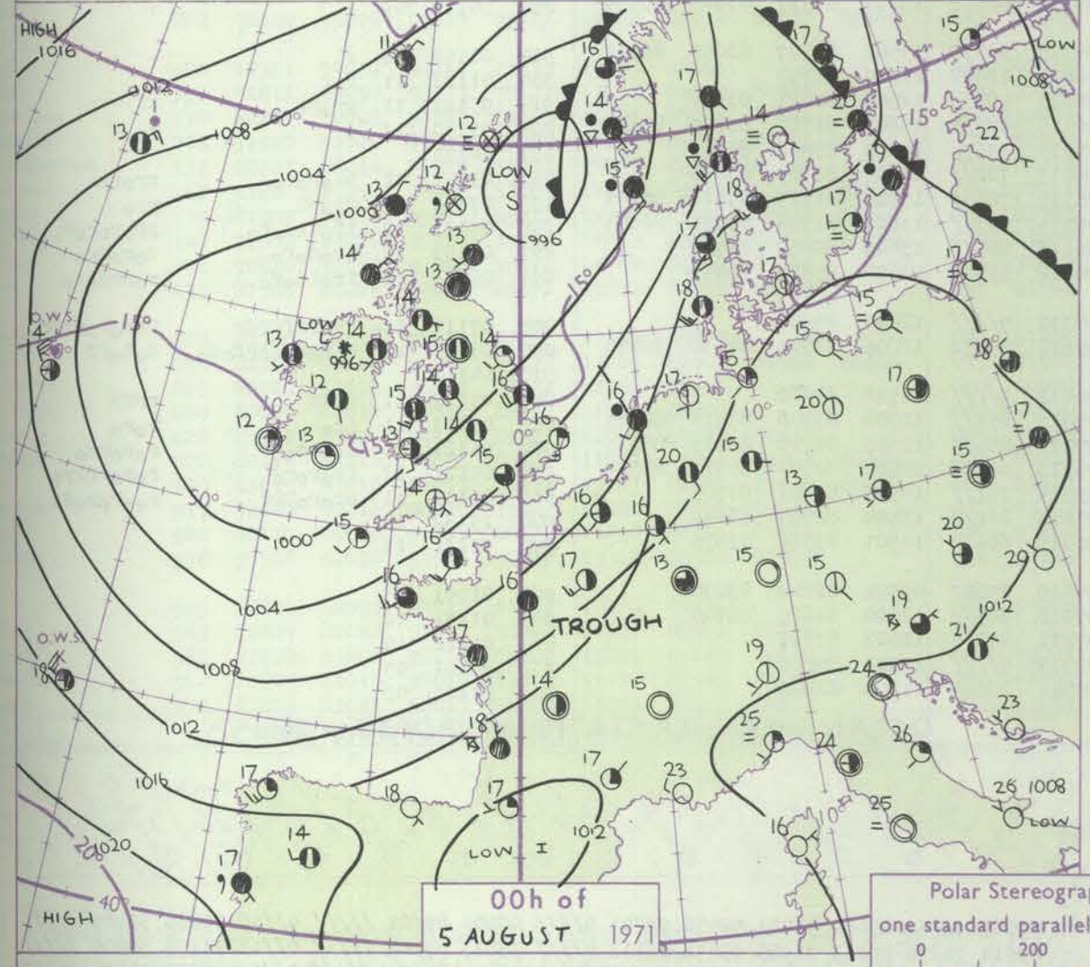
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 5 August 1971

A large cyclonic complex continued to dominate the whole of the British Isles. A low centre off east Scotland moved steadily towards the Shetland Isles and another low southwest of Ireland moved towards southwest Scotland. Troughs associated with these centres produced heavy rain particularly over northeast Scotland. During the next 24 hours this cyclonic regime will persist over the British Isles as further centres and troughs develop.

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

Code FM 11.D

OBSERVATIONS at 00h. 5 August 1971

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	81914	66218	03315	873//	14812	84707	88710	
Hurn	862	71914	65028	04016	5547/	15710	81712	85631	87360
Thorney Island	871	51819	66031	04717	45431	15715	81618	83630	
Manston	797	11908	82016	06515	16430	14809	81710		
Gatwick	776	31908	60031	05415	35300	14810	81708	83634	
Kew	775								
Heathrow	772	61709	75031	04515	654//	14708	81712	86656	
Honington	586	31908	69028	04814	20932	13302	82363		
Wattisham	590	12010	60018	04914	00901	13505	81075		
Gorleston	497	31814	60011	05116	00902	14400	83070		
Aberporth	502	51710	62258	99813	39403	13707	82918	83070	
Ross-on-Wye	627								
Filton	628	61808	66808	02315	685//	13810	82822	86643	
Rhoose	715	22212	75019	01715	22430	12811	82816		
Chivenor	707	11707	69019	01314	15600	13709	81630		
Mount Batten	827	22213	66038	02316	25500	14708	82625		
St. Mawgan	817	31811	74018	01514	38500	13808	82828		
Scilly	804	32211	69258	01315	28530	14807	82820		
Culdrose	809	42409	72021	02115	49400	13808	82914	83818	
Guernsey	894	71914	60808	05416	784//	15712	84817	86628	
Elmdon	534	71710	68212	02214	786//	13807	82830	86650	
Cardington	559	31709	61031	03814	15682	13806	81645	83360	
Wittering	462	02008	74020	02814	00900	12710			
Watnall	354	62011	62028	02114	4573/	12802	84656	83360	
Shawbury	414	71703	60254	01014	785//	12805	83820	86645	
Finningley	360	72008	62011	01416	35632	14003	83645	84362	86075
Kilnsea	396	72418	66258	01516	5557/	14804	85620	87360	
Leeming	257	11203	66018	00313	15700	12602	81656		
Tynemouth	262	72505	61216	99315	7097/	15804	87358		
Carlisle	222	70000	66028	98515	785//	13807	82822	84629	86647
Valley	302	71815	74018	98715	35776	13805	83650	85360	87275
Ringway	334	81713	65608	00515	8093/	12705	88358		
Squires Gate	318	71410	70251	99514	4857/	13707	82827	83635	86359
Ronaldsway	204	72011	60012	97415	28402	13803	81710	87075	
Mull of Galloway	131	42018	70018	95915	33501	14608	83922		
Eskdalemuir	162	82008	56258	97914	874//	13711	88710		
Prestwick	135	71104	65038	96814	754//	13711	83618	85622	
Abbotsinch	140	80505	50216	97214	854//	13809	83712	88639	
Leuchars	171	80000	58036	97913	854//	13804	81712	86616	88656
Dyce	091	82403	70216	97413	6637/	11102	82709	86711	88359
Lerwick	005	90310	01456	96212	9////	12717	89/00		
Wick	075	93406	06516	97012	9////	12708	89/01		
Sule Skerry	010	83613	58606	98212	874//	10716	88710		
Cape Wrath	049	90000	01636	98711	9////	11709	89/00		
Stornoway	026	83610	66026	99813	855//	12607	88628		
Benbecula	022	80608	62506	99312	854//	11803	83711	88633	
Tiree	100	80415	80012	97614	5567/	12805	85640	88359	
Aldergrove	917	71906	58218	96314	5537/	14803	82707	83614	87459
Malin	980	70912	56809	96314	782//	13602	84703	86820	86650
Belmullet	976	72304	80011	96613	38523	12703	82821	84359	
Birr	965	71701	80028	98112	656/2	12001	86640	84070	
Dublin	969	72405	80028	97414	756//	13504	82630	87650	
Shannon	962	31604	82018	98014	38501	13601	81823	83656	
Roches Point	952	20000	70011	98813	28400	12000	81818		
Valentia	953	30000	75028	98212	39500	12601	83920		

OBSERVATIONS at 06h. 5 August 1971

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	71809	56101	01114	6613/	13604	82702	84706	
Hurn	862	62010	60256	01515	583/1	14605	83709	84822	
Thorney Island	871	72212	64028	02115	63431	14502	84710	83914	86075
Manston	797	71914	66021	03417	764//	15715	87711		
Gatwick	776	72311	59218	01815	7533/	15614	84706	85711	87056
Kew	775	70000	23216	01514	773//	14712	86708	84640	
Heathrow	772	71902	65806	01415	784//	13610	83814	86640	
Honington	586	71706	61636	01814	6837/	13716	81706	86656	87359
Wattisham	590	71903	70258	01915	732//	13719	81705	84920	85645
Gorleston	497	51815	60021	02416	32570	15715	83825	85358	
Aberporth	502	61609	69031	98012	49403	12706	82916	83640	
Ross-on-Wye	627	32006	60021	99413	18541	13612	81825		
Filton	628	71503	61038	00214	48531	13508	83820	85645	85360
Rhoose	715	71508	70031	99615	58403	12508	82818	84630	85070
Chivenor	707	61105	74258	99114	682//	13509	81705	83825	
Mount Batten	827	71906	66258	99613	774//	13611	87715		
St. Mawgan	817	22008	56018	99113	28100	13509	81702		
Scilly	804	52704	74258	99514	58500	13501	84820		
Culdrose	809	62807	60038	99715	49470	14507	82912	83820	
Guernsey	894	52013	70031	03314	58400	14707	81710	84640	
Elmdon	534	71503	61028	00012	46332	12706	84707	86075	
Cardington	559	71506	56808	01114	3838/	14709	81708	87358	
Wittering	462	61907	58036	00613	15732	13609	81650	84365	85072
Watnall	354	51908	58018	99913	36372	12606	82706	83072	
Shawbury	414	31805	59048	98912	29502	11607	81920	83070	
Finningley	360	51808	50102	99314	00902	13710	85075		
Kilnsea	396	82120	66031	99814	6647/	13712	86710	88360	
Leeming	257	71708	20108	98913	711//	12604	82702	86820	
Tynemouth	262	62010	58028	98213	2353/	13807	82925	86359	
Carlisle	222	71502	62021	97114	68472	13707	81717	83625	85638
Valley	302	42013	74031	97315	39333	13502	81707	83645	81912
Ringway	334	11608	62026	98813	18402	11604	81710		
Squires Gate	318	71611	62038	98213	5853/	12505	81825	83630	
Ronaldsway	204	72007	64022	96415	683/2	13605	81706	83709	85645
Mull of Galloway	131	62115	74609	95014	3367/	14102	83930	84360	
Eskdalemuir	162	71806	66216	96813	722//	12604	86705	83818	
Prestwick	135	71302	57258	95315	7847/	13505	81713	85822	86640
Abbotsinch	140	80505	30618	95514	853//	13607	81706	83621	88645
Leuchars	171	80301	37106	96113	861//	13609	82702	88706	
Dyce	091	80000	60636	96812	5557/	12604	85620	88459	
Lerwick	005	90000	01606	94312	9////	12604	89/00		
Wick	075	73002	40105	95612	55232	12806	83703	84630	86070
Sule Skerry	010								
Cape Wrath	049	90000	01436	96411	9////	11712	89/00		
Stornoway	026	83613	58616	97811	853//	11708	83708	85714	88625
Benbecula	022	80208	61036	97813	854//	12603	81710	85613	88635
Tiree	100	80309	56636	96313	6722/	12604	82704	85712	88528
Aldergrove	917	72607	60022	95414	761//	14503	83702	87705	
Malin	980	80310	40606	95413	862//	13504	86705	88640	
Belmullet	976	72606	80022	96315	68432	14501	83716	83635	
Birr	965	40000	80031	97410	25602	09501	82640	83070	
Dublin	969	62506	80038	97016	685//	12500	81825	86640	
Shannon	962	51503	24404	97211	47005	11603	83701		
Roches Point	952	93503	02474	97911	9////	11502	89/00		
Valentia	953	20702	80038	97511	29500	11503	82920		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91131	10	r_o	pr_o
Hurn	862	04141	13	pr_oprpR	pr_o
Thorney Island	871	01151	13	pr_o	pr_opr
Manston	797	01151	12	r_o	pr_opr
Gatwick	776	03141	12	r_o	pr_oprpRr_orR
Kew	775	32141	13	r_oRr	Rr_or_oRRpr
Heathrow	772	20141	13	r_oiRir	ir_oirRpr_opr
Honington	586	17131	12	+	r_orrR
Wattisham	590	09132	12	+	pr_oprrr
Gorleston	497	14152	14	+	RR
Aberporth	502	02111	10	pr_o	+
Ross-on-Wye	627	03121	11	pRr_o	pr_o
Filton	628	92121	09	pr_o	pr_o
Rhoose	715	91141	12	pr_o	pr_o
Chivenor	707	92141	12	pr_o	pr_o
Mount Batten	827	17131	12	pr_o	$prpR_2$
St. Mawgan	817	01131	11	pr_o	pr_o
Scilly	804	01141	12	pr_o	pr_o
Culdrose	809	05131	13	pr_opr	$prpr_o$
Guernsey	894	03141	13	pr_o	pr_o
Elmdon	534	91121	09	$r_opr_oir_o$	ir_opr_o
Cardington	559	01141	12	r_o	$pRpr_opr$
Wittering	462	95131	11	r_orR	+
Watnall	354	97131	11	pr_o	+
Shawbury	414	01111	07	pr_o	+
Finningley	360	00131	11	+	+
Kilnsea	396	97130		pr_o	+
Leeming	257	97111	08	pr_o	+
Tynemouth	262	06121	10	$rrpr$	+
Carlisle	222	00121	09	+	+
Valley	302	00141	12	+	+
Ringway	334	01121	11	r_o	+
Squires Gate	318	95121	11	pr_opr	+
Ronaldsway	204	97140	13	+	r_o
Mull of Galloway	131	14121			
Eskdalemuir	162	03121	12	$pr_or_or_o$	rr_or_o
Prestwick	135	07131	11	pr_opR	pr_o
Abbotsinch	140	07131	12	$ir_odrd_or_o$	$pr_or_or_oR$
Leuchars	171	03131	12	$ir_od_or_o$	$d_or_oRr_o$
Dyce	091	06111	11	$ir_oid_or_o$	$r_orrd_or_o$
Lerwick	005	07112	12	FFrrffdrdr	FFr$_o$r$_o$rrff
Wick	075	03121	11	$r_or_odrfrrd_od_o$	$d_od_o$ff
Sule Skerry	010	04112			
Cape Wrath	049	05112	11	rrFF	rrFF
Stornoway	026	03111	11	ir_o	r_or_o
Benbecula	022	91121	11	ir_oid_o	$r_or_opr_o$
Tiree	100	04121	12	$ir_or_or_o$	$r_or_orrir_o$
Aldergrove	917	06131	11	pr_or_oRrr	r_o-$r_or_od_o$
Malin	980	15132	13		
Belmullet	976	97131	11		
Birr	965	01091	08		
Dublin	969	01131	12		
Shannon	962	01111	10		
Roches Point	952	97101	05		
Valentia	953	91101	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70508	05004	90000	92614	00009	9////	00812	89/01	/////	0//10	10869	30000	/////
C	99520	70363	05003	81305	97022	18912	3547/	53804	83614	88357	0//11	11160	30000	29804
D	99425	70433	05004	22104	97050	28721	00901	13204	820//	/////	0//19	12285	30000	13602
E	99350	70480	05004	20804	98020	28724	21500	00310	82820	/////	0//20	12626	30401	/////
I	99586	70195	05004	70415	98252	08113	6842/	11217	82810	86620	0//12	11342	30705	09905
J	99521	70200	05004	53223	98031	05614	52400	71104	85818	/////	0//11	11554	30504	30109
K	99450	70158	05004	52926	97031	15517	58500	61110	84820	/////	0//13	11716	30807	25804
M	99660	10015	05004	80222	97216	09010	7637/	00714	87707	/////	05109	11159	30304	/////

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														
B	99565	70509	05064	93021	92476	99706	9////	00304	89/01	/////	0//06	10830	30705	/////
C	99514	70376	05063	91905	93476	16113	9////	53613	89/02	/////	0//13	11178	30000	/////
D	99429	70427	05064	62409	98021	27721	64600	11805	86635	/////	0//19	12221	30000	21602
E	99350	70480	05064	30708	98020	26324	31500	00818	83820	/////	0//21	12614	30401	/////
I	99589	70191	05064	70411	97016	09712	5847/	21209	83812	84620	0//10	11331	30502	06905
J	99521	70199	05064	53120	97018	04414	47421	71303	83816	/////	0//11	11551	30604	30110
K	99450	70165	05064	72826	97258	14016	785//	61710	85820	83640	0//13	11718	30807	25804
M	99660	10021	05064	80226	97022	04710	863//	00724	88709	/////	05208	11111	30406	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40069 — *Date of Issue* Friday 6 August 1971

OBSERVATIONS at 12h. — 5 August 1971

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	72118	74028	00019	784//	15807	82715	86820	
Hurn	862	72017	75018	01418	5243/	14503	81710	85815	85360
Thorney Island	871	62119	69258	02017	68401	15804	84811	84630	
Manston	797	42120	80251	03320	32502	14001	83823		
Gatwick	776	72114	60808	02417	784//	15803	82714	84818	87650
Kew	775	82011	62808	01917	835//	14601	88826	82926	
Heathrow	772	81916	56628	01517	3247/	15502	81715	83820	88462
Honington	586	62111	80036	01420	58502	13002	85825	83075	
Wattisham	590	62315	74158	01520	52502	12001	85824		
Gorleston	497	42016	62016	01919	42500	12000	84825		
Aberporth	502	12709	80018	98915	19403	14109	81918		
Ross-on-Wye	627	52000	81020	98620	52660	12606	85830		
Filton	628	32310	83018	99519	32500	12605	83828		
Rhoose	715	52511	75258	99419	48402	13103	84818		
Chivenor	707	42614	83011	00019	38501	14207	83822		
Mount Batten	827	42215	80011	00918	38434	15207	83818		
St. Mawgan	817	52615	69151	00917	49402	13212	81912	83815	
Scilly	804	52510	81258	01718	32570	15212	83821	83360	
Culdrose	809	62812	81022	01118	49491	15311	81915	83820	
Guernsey	894	72118	76158	03317	68432	15003	86816		
Elmdon	534	51917	80028	99119	58530	12806	82826	84650	
Cardington	559	71906	64258	00917	6857/	13704	83820	84635	87360
Wittering	462	72014	80028	00019	4453/	12804	83825	86360	
Watnall	354	72010	78808	99118	735//	13807	82920	84825	85648
Shawbury	414	73109	66298	98615	794//	10502	86915	83640	
Finningley	360	71812	66031	98819	785//	11707	84828	85645	
Kilnsea	396	71710	63032	99519	5357/	13805	85920	86360	
Leeming	257	72406	82031	98118	785//	12707	83828	85640	
Tynemouth	262	41810	61021	97420	42600	13608	84830		
Carlisle	222	72010	75808	97417	794//	12302	82918	83822	85645
Valley	302	42311	74031	98217	22333	14103	82806		
Ringway	334	71811	64298	98717	794//	11501	81712	84916	
Squires Gate	318	62211	70022	98717	59403	13201	82918	83645	
Ronaldsway	204	51910	81026	97417	28302	14104	81706	84075	
Mull of Galloway	131	62121	66016	95915	58502	14801	82820	85635	
Eskdalemuir	162	51814	74258	96317	53401	14701	81712	82920	83826
Prestwick	135	81907	58918	95913	892//	12306	81705	82918	88640
Abbotsinch	140	71502	62256	95217	33462	14803	83816	81918	86360
Leuchars	171	70810	70156	95916	784//	14704	81712	85826	
Dyce	091	81706	60206	96415	853//	13802	86708	88615	
Lerwick	005	91706	02636	96113	9////	13108	89/00		
Wick	075	81302	40606	96513	852//	13204	82703	86708	88614
Sule Skerry	010	80000	58025	96113	864//	12701	88710		
Cape Wrath	049	80000	48014	96312	863//	11703	88706		
Stornoway	026	83511	65026	97413	854//	12604	82710	88618	
Benbecula	022	80114	74216	97813	853//	12601	83706	85708	88620
Tiree	100	83615	63616	96613	7547/	13101	82710	85615	86630
Aldergrove	917	72610	40816	96116	793//	13102	82708	87910	
Malin	980	80110	40586	96813	863//	13206	86706	86645	
Belmullet	976	70316	62016	97914	5842/	13312	85718	87459	
Birr	965	62604	82021	97917	625//	12400	86822		
Dublin	969	72604	82022	97617	53502	11601	85922	83070	
Shannon	962	72508	85808	98218	58402	13201	85818	84070	
Roches Point	952	21607	81014	98618	23400	15104	82817	81917	
Valentia	953	63206	83021	98617	58502	13311	82823	84636	

OBSERVATIONS at 18h. — 5 August 1971

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	52317	82252	01618	42501	12209	84824		
Hurn	862	62108	75012	02918	42531	13208	84825		
Thorney Island	871	42419	78011	03218	22442	13308	82817		
Manston	797	42119	82031	03118	32531	14305	83822		
Gatwick	776	62213	80028	02517	684//	14202	84818	83635	
Kew	775	32112	82018	01419	32531	13304	83826		
Heathrow	772	32214	81016	01519	39531	13208	81922	83824	
Honington	586	52108	69258	01116	59500	11302	82920		
Wattisham	590	62312	80038	01119	685//	12301	85828	83650	
Gorleston	497	51721	60028	00920	58500	13400	83825	83630	
Aberporth	502	52013	83021	00017	33502	12304	81920		
Ross-on-Wye	627	42011	82020	00319	12691	10210	81830	83362	
Filton	628	72413	58809	01317	69542	14209	82920	86828	
Rhoose	715	62615	82151	00918	53432	13107	82816	83930	
Chivenor	707	72514	82151	01917	6945/	13210	81712	82920	85825
Mount Batten	827	42416	69011	03117	38530	14210	82820		
St. Mawgan	817	32518	70011	02817	22432	12109	82814		
Scilly	804	42412	81028	03517	48500	13206	83821		
Culdrose	809	52614	80028	02917	58400	13108	85818		
Guernsey	894	62420	78031	05916	11436	13214	81814	86072	
Elmdon	534	72510	82039	99119	52562	12500	85826		
Cardington	559	51908	66299	00916	53531	15104	84920	83640	
Wittering	462	61802	80259	00117	69563	13304	82920	85635	
Watnall	354	42108	78029	99418	39563	13203	83925		
Shawbury	414	42714	83029	99419	43441	09309	81918	83656	
Finningley	360	31807	66019	98719	38530	13502	81825	83656	
Kilnsea	396	50000	61259	99215	23571	13000	82920	84360	
Leeming	257	52305	83031	98019	49663	11501	81930	83650	
Tynemouth	262	71815	66028	97019	735//	13706	87925		
Carlisle	222	52506	82028	97617	29532	10306	81920	83360	
Valley	302	42017	83030	99016	12532	14204	81820	84075	
Ringway	334	32308	65258	98618	29403	11500	81915		
Squires Gate	318	52410	81158	99118	49543	13304	81922	83645	
Ronaldsway	204	62108	75032	98215	38402	13104	81715	83650	85075
Mull of Galloway	131	62316	10606	96913	1157/	13205	81825	86460	
Eskdalemuir	162	72011	78038	97215	48434	11306	82713	83827	86071
Prestwick	135	82308	58608	96415	7842/	13206	81710	86645	88460
Abbotsinch	140	83006	30959	95615	893//	14501	83708	86912	88650
Leuchars	171	70000	74159	96316	49533	13501	81920	84650	86072
Dyce	091	61602	70028	96116	45631	13001	84642	85359	
Lerwick	005	81807	48286	97312	860//	12106	87701		
Wick	075	71502	59106	96913	752//	12205	81705	83712	87640
Sule Skerry	010	80000	32616	96912	873//	12205	88708		
Cape Wrath	049	80000	04424	96312	860//	12202	83700	88705	
Stornoway	026	83512	75606	97313	854//	12501	82712	86618	88628
Benbecula	022	80116	74602	97913	853//	12302	86706	88615	
Tiree	100	83512	70516	96713	853//	12400	81707	85710	86620
Aldergrove	917	83407	50589	97714	6632/	13210	83706	84714	88458
Malin	980	83308	58616	97913	5642/	12303	85710	88458	
Belmullet	976	73513	62102	00115	6647/	12110	84711	84718	87459
Birr	965	52708	84018	98119	425/2	12304	84824	84072	
Dublin	969	72302	75919	98115	7346/	12304	84918	86645	
Shannon	962	33011	89028	98918	23502	12106	82926	83075	
Roches Point	952	62109	80031	98916	29403	15002	82917	84070	
Valentia	953	53207	82031	99816	38531	13209	82822	83645	

OBSERVATIONS during DAY

Station	iii	RRT T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01211	064	prpro	pro
Hurn	862	02191	084	proprpR	+
Thorney Island	871	03191	087	propr	+
Manston	797	97210		pro	+
Gatwick	776	94201	085	pro	pro
Kew	775	01211	092	propr	+
Heathrow	772	03211	095	rRro	+
Honington	586	01221		pro	pro
Wattisham	590	01201	063	prpro	pro
Gorleston	497	94201	073	R	pro
Aberporth	502	03181	108	prpro	+
Ross-on-Wye	627	00211	101	+	+
Filton	628	05211	084	to	propR
Rhoose	715	01201	105	pro	propr
Chivenor	707	97201	090	+	pro
Mount Batten	827	00191	122	jp	jp
St. Mawgan	817	00191	124	jp	jp
Scilly	804	02191	121	pr	pr
Culdrose	809	97180	116	pro	pro
Guernsey	894	00190	067	+	+
Elmdon	534	02201	081	protlropr	pro
Cardington	559	04181	047	ropropRprtl	tlpropr
Wittering	462	91211	057	pro	tolopro
Watnall	354	04191	052	protolor2	toloro
Shawbury	414	06201	097	protolortlR	prpro
Finningley	360	93211	076	protlo	pro
Kilnsea	396	05202	056	protl	tlirtlRpro
Leeming	257	00201	081	+	jp
Tynemouth	262	02201	098	+	pRpr
Carlisle	222	94201	049	prpro	+
Valley	302	00180	125	+	+
Ringway	334	97181	089	protolopro	pro
Squires Gate	318	97191	084	jp	pro
Ronaldsway	204	97180	053	+	pro
Mull of Galloway	131	09151			
Eskdalemuir	162	01181	025	pro	irorr
Prestwick	135	18181	008	proprptlr	irororo
Abbotsinch	140	28172	005	roprotlir	protlRR
Leuchars	171	14191	010	roprorprtlR2h	tlR2rRprorR
Dyce	091	97191	012	iroidopro	+
Lerwick	005	08131	000	ffrrFF	ffrorolF
Wick	075	91141	000	iro	+
Sule Skerry	010	09132			
Cape Wrath	049	02121	000	FFff	ffFFrorо
Stornoway	026	03131	000	rorоiro	irоRr
Benbecula	022	02131	000	irororo	rorоr
Tiree	100	01141	000	rorоiro	irododo
Aldergrove	917	21172	003	doprtlrR	Rrrodo-ro
Malin	980	1814	000		
Belmullet	976	1216	006		
Birr	965	9720	076		
Dublin	969	1819	045		
Shannon	962	9220	111		
Roches Point	952	9718	078		
Valentia	953	0019	107		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

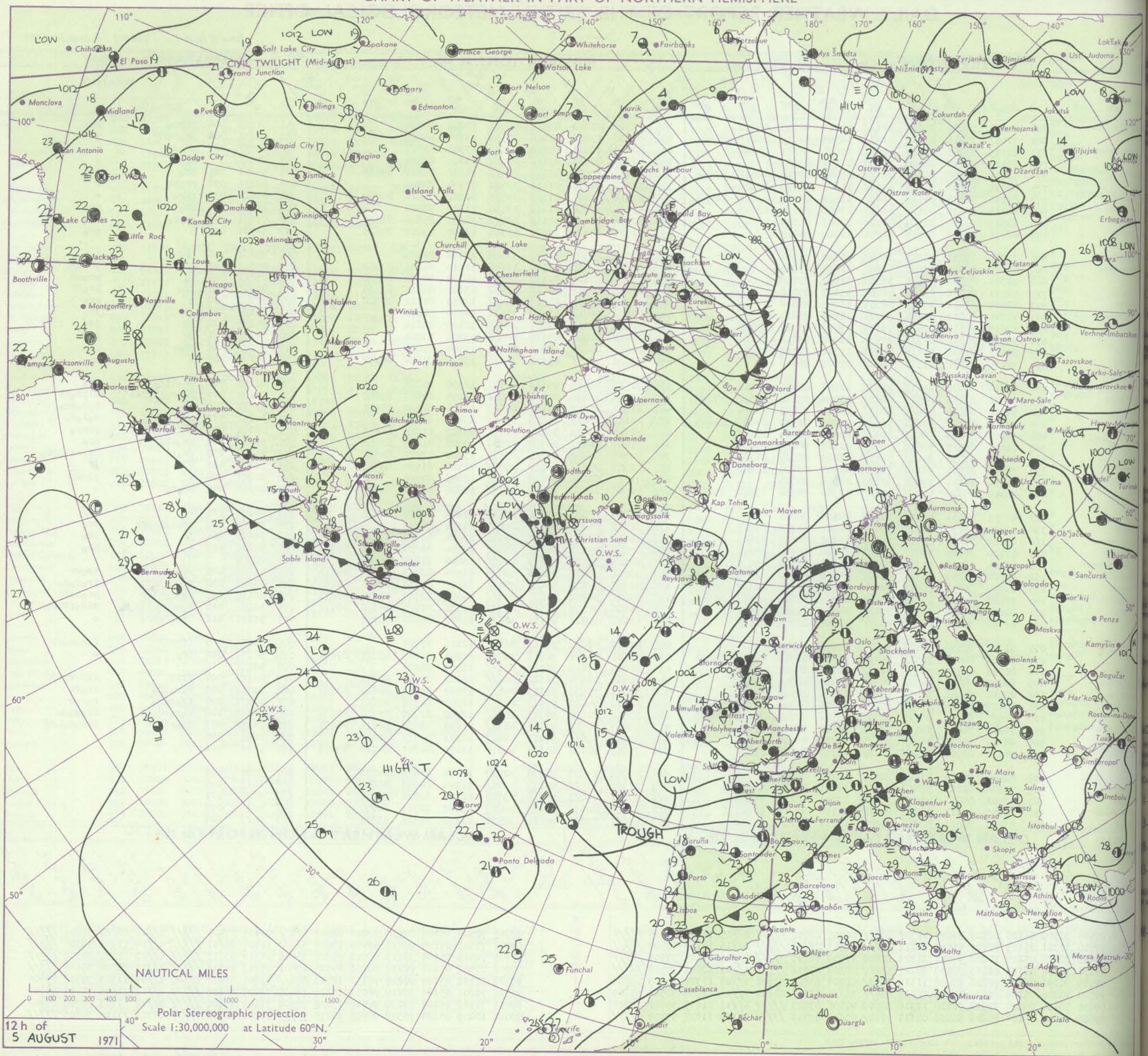
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ysapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70509	05124	82525	97024	01306	863//	00105	88707	/////	0//05	10837	30705	/////
C	99510	70381	05123	92420	91474	14214	9////	00703	89/01	/////	0//14	11170	30504	/////
D	99443	70420	05124	12221	96051	21222	21400	11703	81815	/////	0//20	12225	30302	/////
E	99350	70480	05124	61013	98150	26225	53462	00302	85912	/////	0//21	12592	30502	/////
I	99589	70191	05124	70215	98038	11312	7853/	00104	83820	87628	0//08	11321	30603	09805
J	99523	70200	05124	63621	97256	06615	684//	71321	83818	84620	0//14	11564	30504	30109
K	99450	70160	05124	22932	98018	12916	28500	00808	81820	/////	0//11	11679	30708	25802
M	99660	10017	05124	80223	96636	02110	7742/	00613	87716	/////	05109	11125	30507	/////

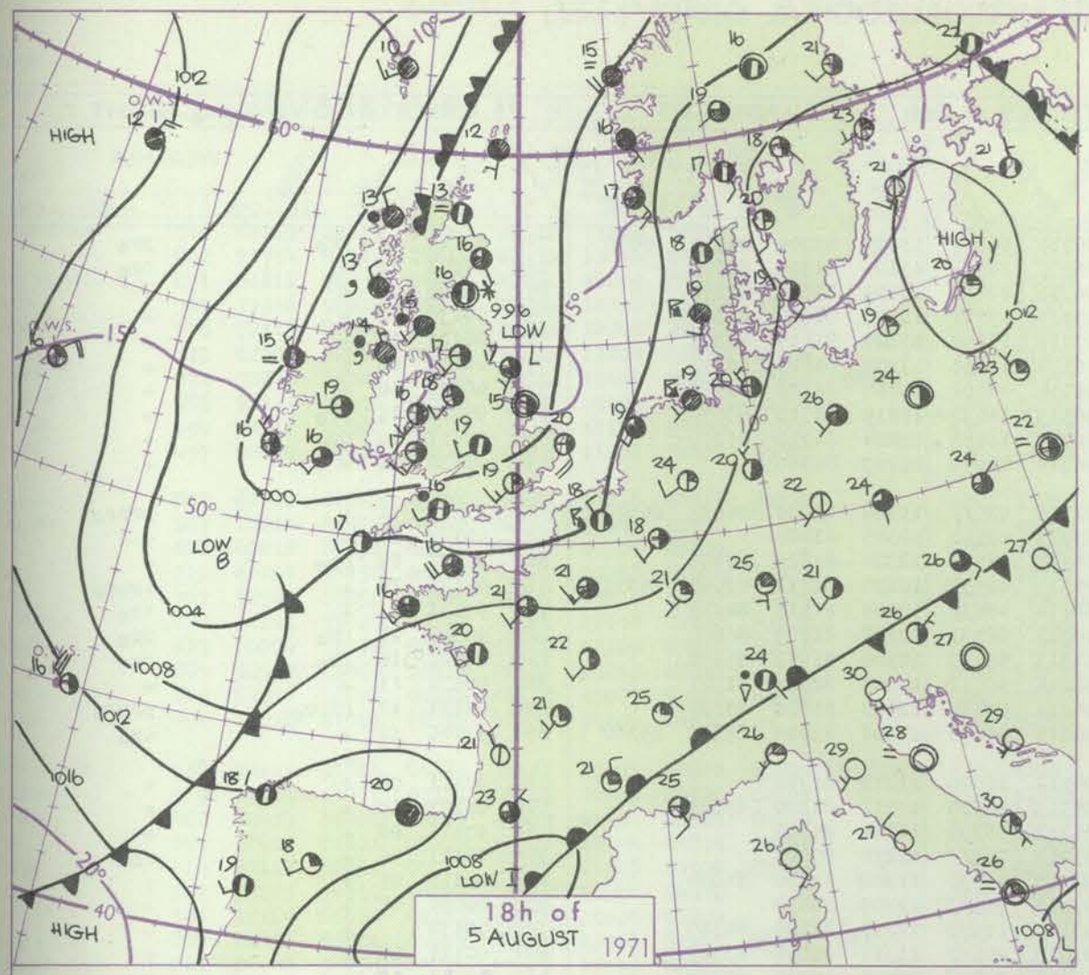
OCEAN WEATHER STATION REPORTS at 18h.

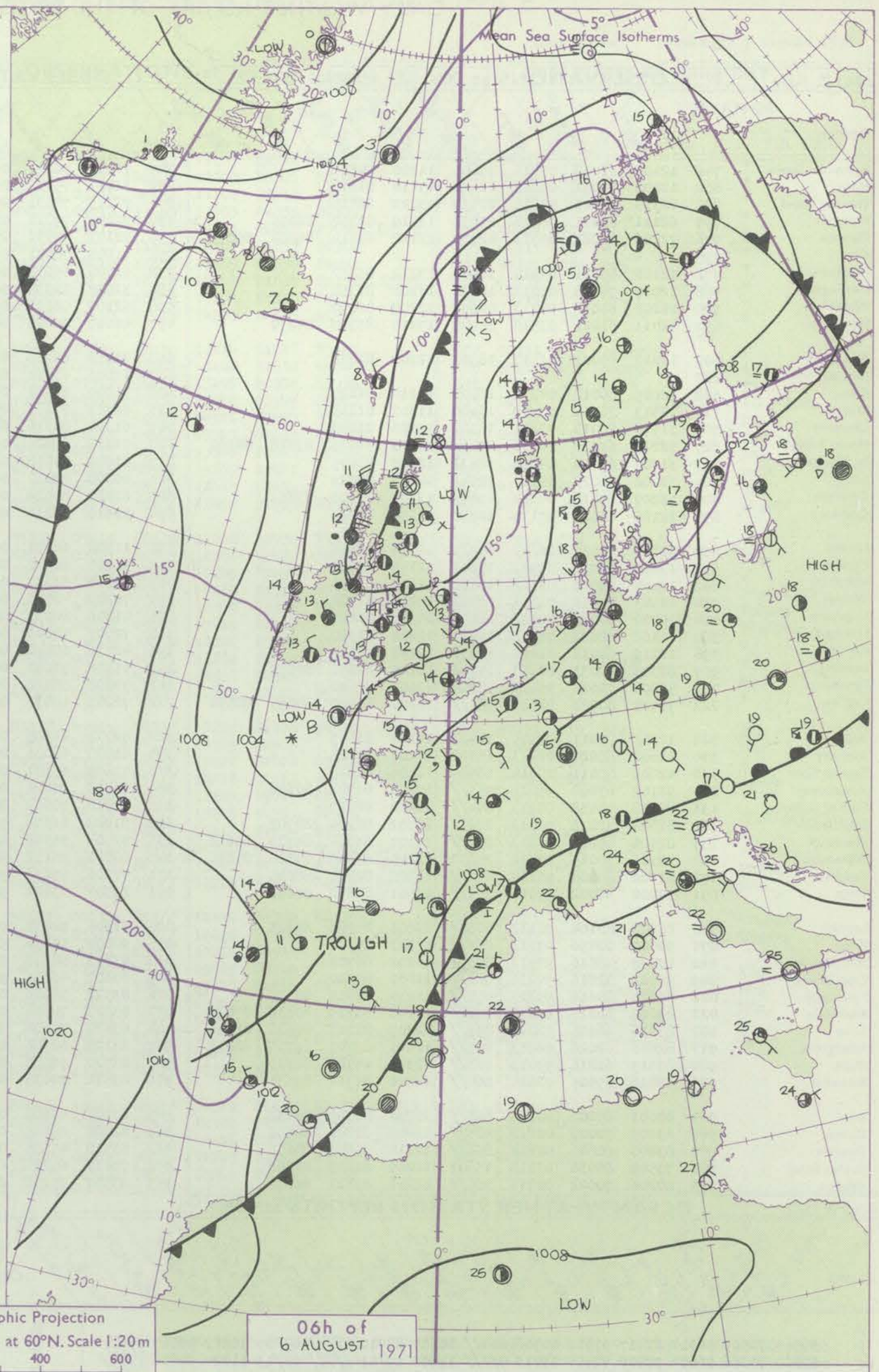
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ysapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	05184	82530	97022	01007	864//	00804	87710	/////	0//06	10870	30807	/////
C	99515	70373	05184	92415	92454	13914	9////	12707	89/01	/////	0//14	11333	30604	/////
D	99435	70415	05184	32113	97011	26222	35400	11710	83615	/////	0//20	12339	30302	/////
E	99352	70482	05184	61214	98168	24525	49462	00813	84915	/////	0//21	12604	30602	/////
I	99588	70191	05184	80214	98152	12011	884//	00201	81814	88620	0//09	11329	30502	09804
J	99526	70201	05184	30219	98051	10815	38400	71209	81818	/////	0//13	11596	30404	30008
K	99451	70162	05184	53030	98018	13016	58500	71102	83820	/////	0//12	11713	30708	25902
M	99660	10019	05184	90318	93505	98810	9////	00717	88904	/////	05110	11118	30405	/////

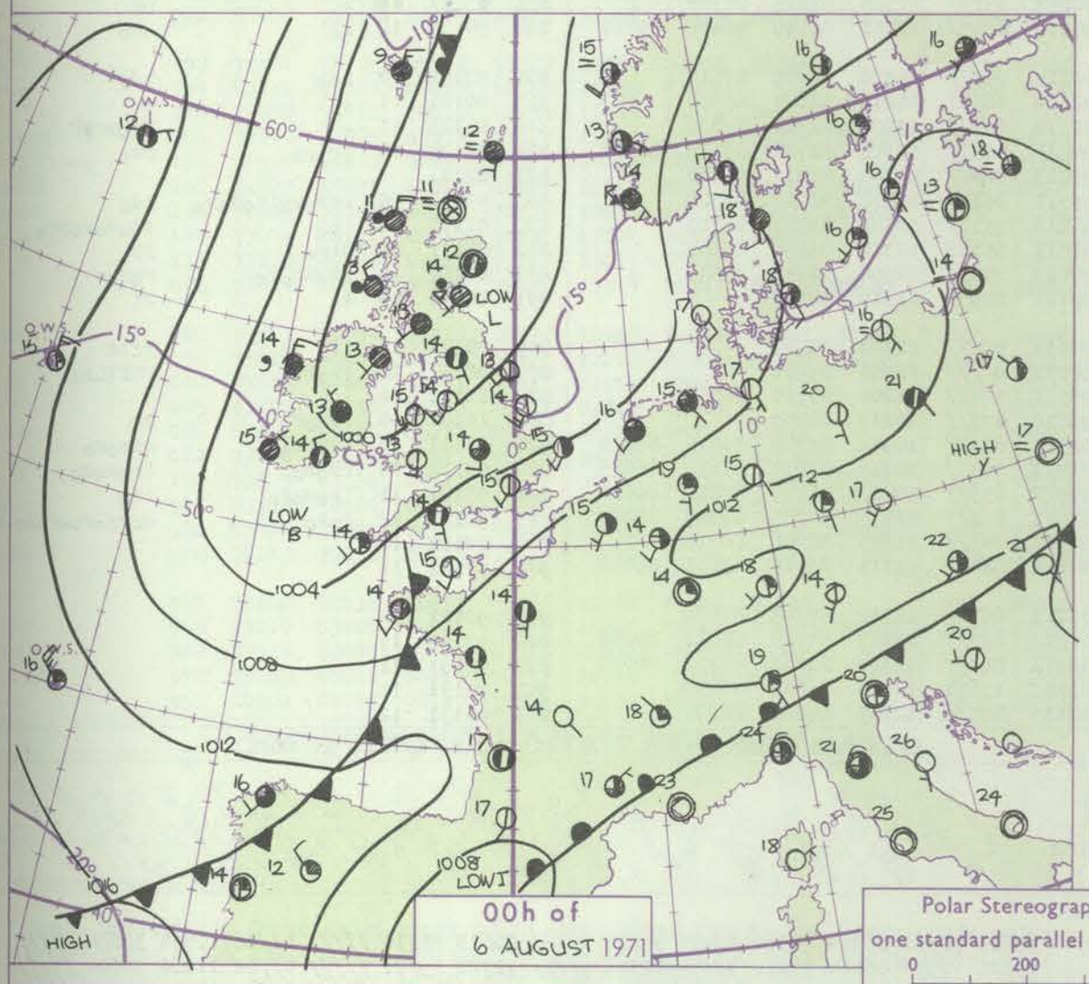
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
TROUGH
Chihuahua
El Paso
Salt Lake City
Spokane
Prince George
Whitehorse
Fairbanks
Grand Junction
Watson Lake
Calgary
Fort Nelson
Edmonton
Billings
Monclova
Midland
Rapid City
Regina
Fort Smith
Dodge City
Bismarck
San Antonio
Fort Worth
Island Falls
Omaha
Winnipeg
Kansas City
Lake Charles
Little Rock
Minneapolis
Churchill
Baker Lake
Chesterfield
Jackson
St. Louis
Boothville
Chicago
Nashville
Montgomery
Columbus
Winisk
Coral Harbour
Nottingham Island
Port Harrison
Augusta
Jacksonville
Pittsburgh
Toronto
Ottawa
Montreal
Washington
Norfolk
New York
Boston
Caribou
Fort Chimo
Resolution
Cape Dyer
Kitchener
Sable Island
Bermuda
Gander
Cape Race
Stephenville
Reykjavik
Thorshavn
Lerwick
Glasgow
Belfast
Aberporth
Valentia
Holyhead
Manchester
Oslo
Stockholm
København
Hamburg
Berlin
Hannover
Bruxelles
Paris
Dijon
Ferrand
Bordeaux
Santander
La Coruña
Porto
Lisboa
Madrid
Barcelona
Mahón
Alicante
Gibraltar
Casablanca
Agadir
Oran
Alger
Laghouat
Béchar
Ouargla
Gabes
Misurata
Malta
Messina
Athinai
Rodos
Heraklion
Mathoni
Istanbul
Beograd
Zagreb
Klagenfurt
Milano
Genova
Roma
Ancona
Skopje
Sofia
Sulina
Simferopol'
Odessa
Lodz
Warszawa
Kiev
Rostov-na-Donu
Kursk
Moskva
Penza
Kamyšin
Smolensk
Bogučar
Har'kov
Orsk
Kazan'
Kujbyšev
Saratov
Volgograd
Sančursk
Vologda
Gor'kij
Arhangel'sk
Murmansk
Sodankylä
Tromsø
Bodø
Narvik
Kiruna
Luleå
Sundsvall
Östersund
Karlstad
Göteborg
Aalborg
Esbjerg
Thorshavn
Lerwick
Stornoway
Belmullet
Malin Head
Valentia
Shannon
Galway
Dublin
Belfast
Glasgow
Aberporth
Holyhead
Manchester
Aberdeen
Leeming
Wick
Kirkwall
Lerwick
Thorshavn
Bodø
Narvik
Tromsø
Sodankylä
Murmansk
Arhangel'sk
Kargopol'
Reb...
Ostersund
Karlstad
Göteborg
Aalborg
Esbjerg







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 6 August 1971

There has been a general rise in pressure over the British Isles as the complex low system has tended to fill and move north. The ridge from the Azores to Iceland has relaxed as a depression moved out from south Greenland. During the next 24 hours the Atlantic troughs are expected to move eastwards and may affect western districts but a threat exists to southeastern districts from a depression moving southeastwards from Spain.

Code FM 11.D

OBSERVATIONS at 00h. 6 August 1971

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	12106	61018	05212	15601	11210	81630		
Hurn	862	12008	75031	05815	11440	13210	81818		
Thorney Island	871	22313	74011	05916	22430	13212	82815		
Manston	797	62111	80031	06114	20932	13210	82362	86075	
Gatwick	776	72206	80021	05713	42431	12112	84814	84364	85075
Kew	775								
Heathrow	772	12108	80011	04915	10930	13212	81362		
Honington	586	22007	74018	03713	10931	13208	81358		
Wattisham	590	22208	64018	04213	00902	12209	82070		
Gorleston	497	42011	61021	03515	30978	13210	83360	84270	
Aberporth	502	11812	80021	01913	18501	12207	81820		
Ross-on-Wye	627								
Filton	628	12009	80018	04314	18500	11210	81820		
Rhoose	715	12313	70018	03714	18400	11308	81815		
Chivenor	707	11910	78018	03814	18500	11106	81820		
Mount Batten	827	72212	69038	04716	4943/	14003	81915	83818	86361
St. Mawgan	817	31707	69020	04213	18431	12002	81615		
Scilly	804	32206	81028	04115	22541	14202	82821		
Culdrose	809	72207	69818	04214	4347/	12303	83910	87462	
Guernsey	894	12108	80021	07115	10930	13101	81360		
Elmdon	534	61808	75038	02614	657//	12110	86656		
Cardington	559	12109	66011	03913	15600	12112	81640		
Wittering	462	12105	69011	03112	15730	11213	81650		
Watnall	354	22505	50051	02511	18501	10212	81820		
Shawbury	414	10000	80020	02012	18500	10306	81820		
Finningley	360	12102	62028	01513	10930	11211	81360		
Kilnsea	396	12115	66011	01014	10971	12208	81360		
Leeming	257	62305	82031	00413	15702	11107	81656	86075	
Tynemouth	262	52305	74022	99213	55600	12105	85640		
Carlisle	222	71705	80022	98814	785//	11202	81820	84635	86650
Valley	302	12114	82011	99915	12402	14103	81815		
Ringway	334	11608	68020	01413	15500	10207	81625		
Squires Gate	318	12009	80011	00514	18400	12104	81818		
Ronaldsway	204	73102	65608	99214	753//	12204	81708	87656	
Mull of Galloway	131	82408	74038	98713	874//	12208	88717		
Eskdalemuir	162	81804	32216	98313	872//	12102	82704	88707	
Prestwick	135	82506	66216	97813	852//	12104	81704	84707	85618
Abbotsinch	140	72106	70019	97314	25632	12205	82630	84360	85070
Leuchars	171	82106	64608	97114	854//	13302	82710	88645	
Dyce	091	70000	60042	97012	757//	12101	82650	86656	
Lerwick	005	81803	48104	98112	853//	12801	84706	88615	
Wick	075	90000	02436	97711	9////	11303	89/02		
Sule Skerry	010	80209	48616	97912	873//	11202	88708		
Cape Wrath	049	90502	02616	97211	9////	11400	89/00		
Stornoway	026	83620	60616	99311	872//	11214	85705	88707	
Benbecula	022	83622	66616	99411	7542/	11208	83710	85616	87620
Tiree	100	83516	66606	98013	853//	12203	82707	87615	88630
Aldergrove	917	82606	62026	98913	853//	12001	83707	86710	88615
Malin	980	83319	61216	99013	863//	12305	84706	88710	
Belmullet	976	83616	65505	02614	864//	13210	86712	85631	
Birr	965	83003	65206	01813	863//	12221	85709	85632	
Dublin	969	83203	70028	00213	885//	12209	82822	88650	
Shannon	962	83606	60606	02214	856//	12214	85643	88656	
Roches Point	952	73509	80038	01114	15601	12209	81635	87068	
Valentia	953	80206	70022	02715	785//	12216	83821	86630	

OBSERVATIONS at 06h. 6 August 1971

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	72006	58251	05714	682/1	13305	83704	84710	85075
862	31911	75018	06215	18404	13104	81815	83070	
871	72113	78031	06816	22436	13305	82814	87272	
797	72109	77021	07914	1577/	13209	81656	86362	
776	72107	70031	07014	11436	13207	81815	87275	
775	71803	70031	06514	12536	13209	81825	86272	
772	61708	65031	06514	48306	13210	81708	83656	
586	32008	62030	06513	16432	12215	81710	83070	
590	62107	56031	06713	16446	12214	81710	85270	
497	42010	60020	06314	40970	12217	84360		
502	71712	66258	02713	735//	13308	81920	86825	86640
627	12006	63020	03913	18501	12305	81825		
628	71809	64031	04914	785//	12304	81820	87645	
715	61709	70621	04314	48431	12204	81812	03640	85358
707	61306	80216	04114	49432	12304	81915	84642	
827	72110	69028	04915	68331	13305	81709	86640	
817	51709	74018	04313	59433	12304	81912	85650	
804	40000	83011	04014	39512	13303	82821	81921	
809	62405	80028	04214	59530	12500	81920	83825	
894	71810	78216	06815	59232	14301	83704	85640	85360
534	11808	66021	04512	16340	11212	81708		
559	31910	62030	05913	38500	13212	81820	83645	
462	52210	61031	05112	56230	11214	85705		
354	72209	48046	03913	763//	12210	87706		
414	41806	80031	02913	49530	11308	81920	84650	
360	72007	58041	02913	757//	12209	87650		
396	42116	65030	03113	11570	12210	81820	84360	
257	61508	37041	01612	28632	11311	81835	83363	
262	72008	58028	00013	3357/	12305	83925	87358	
222	72203	68016	00014	5847/	12212	81710	84656	87360
302	72710	61505	00914	752//	14310	84705	87614	
334	61707	68031	02514	58531	11210	82825	85640	
318	71609	65801	01314	684/2	13206	81710	85818	
204	72503	80026	00514	4833/	12306	81708	83626	87358
131	82610	70022	99213	3642/	12304	83717	88460	
162	81903	61506	99711	861//	11312	82702	88708	
135	72503	56506	98613	752//	13308	83703	85705	
140	60000	50152	98512	35303	12310	81708	83645	
171	72206	59616	97413	754//	12004	81712	87645	
091	23502	03421	98111	20930	11310	82364		
005	91606	02474	98512	9////	12304	89/01		
075	90000	01454	98212	9////	12305	89/01		
010	83613	58616	98511	5742/	11204	85710	88558	
049	83602	48636	99810	873//	10217	88709		
026	83520	58606	01511	853//	10314	83708	85616	88620
022	83623	70606	01911	7537/	10215	83707	85616	86635
100	83624	70606	99912	853//	10218	81709	85612	88620
917	83109	62606	00513	852//	12215	84705	87707	88614
980	83320	30586	00912	863//	11215	86706	88716	
976	83512	70035	04814	6847/	11215	83715	83631	86459
965	83205	66606	03213	863//	12312	87709	87628	
969	82706	65605	01912	863//	12313	81708	85711	87650
962	83510	45506	03913	863//	12314	82706	85712	86620
952	73411	65216	03113	15671	12214	81635	86458	
953	83507	75258	04115	885//	12309	84821	88630	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	93111	06	pr$_o$	pr$_o$
862	97141	12	+	pr$_o$
871	00150	12	+	+
797	00130	11	+	+
776	00121	10	+	+
775	00111	06	+	+
772	00131	10	+	+
586	95121	11	pr$_o$	+
590	97111	10	pr$_o$	+
497	00130	11	+	+
502	05122	11	+	prpr$_o$
627	00121	10	+	+
628	91121	09	pr$_o$	+
715	94131	10	+	irir$_o$
707	97131	11	+	ir$_o$
827	93151	13	pr$_o$	pr$_o$
817	02121	10	pr$_o$	pr
804	00131	11	+	+
809	03131	12	prpr$_o$	prpr$_o$
894	97140	12	+	ir$_o$
534	00111	08	+	+
559	00121	09	+	+
462	97111	09	+	+
354	91111	07	+	r$_o$
414	00111	05	+	+
360	00091	08	+	+
396	00130		+	+
257	00111	08	+	+
262	93131	09	+	pr
222	94131	12	r$_o$	ir$_o$
302	97141	12	id$_o$	id$_o$
334	00121	11	+	+
318	04121	11	+	pr$_o$prpR
204	97130	11	pr$_o$r$_o$	pr$_o$
131	02111			
162	92111	09	rrr$_o$r$_o$ir$_o$d$_o$r$_o$	id$_o$
135	91131	12	ir$_o$	id$_o$d$_o$r$_o$pr$_o$
140	01111	08	Rir$_o$	jp
171	08131	12	pr$_o$Rr$_o$r$_o$r	r$_o$r$_o$r
091	00091	06	+	ff
005	00121	11	if	ffif
075	92111	10	ir$_o$FF	FFffir$_o$
010	12112	10		
049	16102	10	FFr$_o$r$_o$	rr
026	05101	10	Rrrrr$_o$	rrr$_o$r$_o$
022	02101	10	rr$_o$r$_o$	ir$_o$r$_o$r$_o$
100	92121	11	ir$_o$d$_o$r$_o$	ir$_o$
917	94122	12	r$_o$r$_o$	d$_o$r$_o$-r$_o$-r$_o$r$_o$-r$_o$
980	02122	12		
976	97131	11		
965	92121	12		
969	03121	11		
962	92131	11		
952	92131	12		
953	95131	12		

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														
B	99565	70509	06004	82417	97512	00306	864//	00607	88710	/////	0//05	10862	30807	/////
C	99520	70366	06004	92209	92454	13713	9////	12602	89/01	/////	0//13	11224	30604	/////
D	99437	70412	06004	02112	97020	25621	00900	00400	/////	/////	0//20	12216	30302	/////
E	99350	70479	06004	41612	98158	23725	29462	00304	82915	/////	0//21	12580	30401	13602
I	99587	70193	06004	70305	98012	12612	784//	00301	81815	87620	0//08	11320	30502	02803
J	99525	70202	06004	33614	98031	13714	32400	00311	83818	/////	0//12	11567	30403	28007
K	99451	70162	06004	23125	98018	14316	28500	71103	82823	/////	0//13	11682	30708	/////
M	99661	10016	06004	81513	95435	98412	862//	00704	88705	/////	00011	11190	30202	04504

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														
B	99565	70512	06064	82310	97505	98206	864//	00613	88710	/////	0//06	10854	30604	/////
C	99526	70356	06064	92216	92454	09313	9////	12728	89/01	/////	0//12	11280	30604	/////
D	99437	70411	06064	21915	97011	22021	25500	00716	82625	/////	0//20	12174	30303	/////
E	99350	70479	06064	21915	98010	21124	12431	00715	81815	/////	0//20	12589	30402	15603
I	99587	70192	06064	43107	98028	11212	43400	00501	81910	83630	0//09	11331	30301	02805
J	99523	70202	06064	33112	98011	13914	28432	00301	81815	83070	0//11	11575	30302	02907
K	99452	70165	06064	53221	98016	13917	48540	71305	83820	/////	0//15	11697	30708	/////
M	99660	10020	06064	81520	96105	97512	864//	00805	88713	/////	00211	11123	30304	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40070 — Date of Issue Saturday 7 August 1971

Code FM 11.D

OBSERVATIONS at 12h. — 6 August 1971

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	62113	82011	06820	58531	11204	85828		
Hurn	862	51714	81018	08019	42530	13306	84820		
Thorney Island	871	61812	78032	08918	42432	14209	84811	84362	
Manston	797	71916	78022	09118	22508	14311	82822	87272	
Gatwick	776	72113	81022	08719	22548	12208	82828	87275	
Kew	775	62009	82012	07720	38602	13204	82832	85075	
Heathrow	772	72010	81022	07920	44501	12105	82825	83656	86075
Honington	586	72111	74011	07919	42602	10103	84832	85072	
Wattisham	590	72211	74022	08019	52502	11105	85828	87075	
Gorleston	497	72017	60021	08119	42502	11206	84825	87078	
Aberporth	502	62608	61808	05715	694//	14218	83918	84630	
Ross-on-Wye	627	22012	81028	05620	22662	11109	82830		
Filton	628	62012	83031	06519	68502	12206	86827		
Rhoose	715	61208	75156	06419	63432	13208	81918	84825	
Chivenor	707	72705	80258	06415	69531	13209	84922	83825	
Mount Batten	827	32109	79028	06719	39400	15108	81918	83820	
St. Mawgan	817	60000	61818	06415	59463	13109	83912	83818	
Scilly	804	32502	83020	06718	22502	13213	82821		
Culdrose	809	52606	82028	05818	49433	13005	82915	83820	
Guernsey	894	21618	81020	08317	11433	14108	81810		
Elmdon	534	72112	75801	05818	735//	12303	82922	83825	85650
Cardington	559	61914	74011	07121	48502	10001	84825	84075	
Wittering	462	62410	82028	06419	645/2	09104	83825	84650	
Watnall	354	62011	82031	05519	6853/	12204	84826	83656	
Shawbury	414	62112	80251	04721	695//	11207	81920	83824	
Finningley	360	42217	74011	04721	48600	10304	84838		
Kilnsea	396	32319	66031	05119	22530	10206	82820		
Leeming	257	72413	62802	03917	7942/	15316	82915	85922	87650
Tynemouth	262	82108	58258	02815	836//	15213	88930		
Carlisle	222	82408	75256	02615	884//	13316	81713	84622	88640
Valley	302	72711	78025	04716	783//	12217	83809	86645	
Ringway	334	42214	75021	04219	48503	11108	83825		
Squires Gate	318	72412	75018	04618	48431	15319	84814	85362	
Ronaldsway	204	72810	82028	03916	784//	12219	81710	83712	86818
Mull of Galloway	131	82910	74022	02615	874//	14215	88717		
Eskdalemuir	162	82307	66026	02015	884//	12214	81715	84821	88635
Prestwick	135	72605	75018	02016	784//	12217	83815	84635	87656
Abbotsinch	140	73009	80151	01417	7843/	13214	81818	86656	
Leuchars	171	72108	80028	01017	784//	13213	83818	87650	
Dyce	091	73414	80022	00815	784//	13317	81711	83818	86650
Lerwick	005	71403	56054	00215	6843/	12209	82812	86635	87361
Wick	075	73213	40606	01212	753//	12216	83706	84712	86635
Sule Skerry	010	83613	64606	02011	874//	11218	88710		
Cape Wrath	049	83602	81156	03310	864//	09217	88710		
Stornoway	026	83516	56506	05211	853//	10221	85707	88615	
Benbecula	022	73520	82018	06013	785//	10222	82820	86625	
Tiree	100	73523	82256	04613	784//	09222	82712	85620	87630
Aldergrove	917	83313	58506	04113	853//	12218	81706	85708	88615
Malin	980	83423	70215	05513	864//	10223	83713	86716	88630
Belmullet	976	70113	75258	08313	734//	11216	82715	85920	85635
Birr	965	73108	82036	06816	785//	11313	85822	86638	
Dublin	969	83010	83806	04916	784/2	11212	85818	84645	87070
Shannon	962	63413	86025	07417	68632	08214	83832	84645	
Roches Point	952	73509	80016	06816	5843/	11114	85818	86358	
Valentia	953	30503	81018	08517	38500	12318	83824		

OBSERVATIONS at 18h. — 6 August 1971

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	61912	82022	08218	33583	11107	82922	84072	
Hurn	862	51606	80021	08817	48533	13003	83825	83640	
Thorney Island	871	71607	80022	09118	4847/	14101	82818	83650	
Manston	797	61907	84012	09918	11689	13503	81835	86175	
Gatwick	776	72407	75022	09218	38538	13801	81822	83650	87272
Kew	775	61805	80012	08718	11672	12205	81832	84366	
Heathrow	772	61712	81028	08619	12678	13105	81830	85272	
Honington	586	72010	78022	08520	18632	10203	81835	83172	87075
Wattisham	590	72012	75028	08819	18602	11204	81830	87075	
Gorleston	497	51716	60012	09119	22508	14209	82825	85275	
Aberporth	502	30000	74038	07915	38430	12214	81818	83640	
Ross-on-Wye	627	42105	77028	06718	48602	13102	81830	84640	
Filton	628	52310	87019	07917	39463	13205	82918	85075	
Rhoose	715	72402	70809	07915	69532	13008	83925	83650	
Chivenor	707	52906	80158	08118	49583	14211	82920	83828	
Mount Batten	827	72206	85151	08217	69463	13207	82918	83820	
St. Mawgan	817	62806	80038	08416	49463	13306	82914	83075	
Scilly	804	53008	63151	08816	48502	14209	83821		
Culdrose	809	72803	81258	08316	59463	12313	83915		
Guernsey	894	70000	58808	09113	6928/	13009	82703	84707	85810
Elmdon	534	62015	75158	07019	69630	11208	82930	84656	
Cardington	559	51810	82018	07821	42502	12304	82825	83830	
Wittering	462	42112	82038	07121	38632	12205	82830		
Watnall	354	62706	74259	07017	694//	14210	81712	84828	82925
Shawbury	414	52705	83951	06819	59500	12209	83928	84835	85645
Finningley	360	32702	69019	06818	29603	13215	81930		
Kilnsea	396	52312	66031	06719	33570	12206	83920	83360	
Leeming	257	52507	82018	06519	18641	12216	81830	84075	
Tynemouth	262	72608	74258	05218	4357/	14214	84925		
Carlisle	222	62606	69022	05616	22582	12215	82825	85360	
Valley	302	72912	83158	07915	5833/	13217	81706	84810	87360
Ringway	334	42706	62018	07116	38503	13309	82825		
Squires Gate	318	72710	80022	07216	48532	12212	82822	83656	85072
Ronaldsway	204	83114	64508	07214	854//	10218	82713	85623	88640
Mull of Galloway	131	83321	74022	06013	854//	11215	85715	88645	
Eskdalemuir	162	82305	56638	05214	872//	13215	84704	88709	
Prestwick	135	83111	70022	05115	884//	11114	81814	87625	
Abbotsinch	140	73107	65812	04815	6337/	14221	81709	85640	82918
Leuchars	171	80409	70258	05114	883//	13223	81707	83635	88650
Dyce	091	73210	68258	05413	784//	11221	82711	86817	87642
Lerwick	005	83406	56602	02613	853//	12310	86708	88625	
Wick	075	73313	50806	05311	783//	10220	83708	86815	86650
Sule Skerry	010	83513	76808	05911	834//	10214	88915		
Cape Wrath	049	83203	66505	07010	864//	09219	88710		
Stornoway	026	73512	80028	08511	784//	09217	82818	87628	
Benbecula	022	73617	80258	09211	783//	09217	81709	83814	86635
Tiree	100	73517	82018	08113	784//	08216	83816	87632	
Aldergrove	917	83316	70206	08112	853//	09016	83709	85711	88618
Malin	980	73321	80015	09213	784//	07216	82819	85632	
Belmullet	976	60121	83012	11914	684//	08317	84717	85638	
Birr	965	83305	80028	10014	6847/	10312	81715	84636	88459
Dublin	969	83307	80806	08914	884//	12320	82715	85820	86640
Shannon	962	73413	83028	10515	785//	10216	82828	83640	87656
Roches Point	952	73513	80802	09915	784//	11217	83818	87637	
Valentia	953	83509	81021	11816	885//	10217	82825	87635	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00211	106	+	+
Hurn	862	00200	098	+	+
Thorney Island	871	00190	062	+	+
Manston	797	00200		+	+
Gatwick	776	00201	039	+	+
Kew	775	00211	071	+	+
Heathrow	772	97221	084	pro	+
Honington	586	00221		+	+"
Wattisham	590	97211	075	pro	+
Gorleston	497	00210	096	+	+
Aberporth	502	02171	034	proPr	+
Ross-on-Wye	627	94210	090	pRpro	+
Filton	628	00201	075	toJp	jp
Rhoose	715	02191	042	protltlroPro	tlrotlpro
Chivenor	707	02191	068	proPr	pro
Mount Batten	827	00190	114	+	jp
St. Mawgan	817	06171	051	prpro	pro
Scilly	804	02202	111	+	prpR
Culdrose	809	01192	091	+	pro
Guernsey	894	05181	086	pro	proPR
Elmdon	534	92210	093	pro-pr	jp
Cardington	559	97211	094	pro	pro
Wittering	462	97221	081	pro	+
Watnall	354	95211	076	pro	protoloro
Shawbury	414	97210	072	pro	toloro
Finningley	360	95231	091	+	tloRpro
Kilnsea	396	00190	097	+	+
Leeming	257	02201	075	proPr	+
Tynemouth	262	03191	013	prpR	pR
Carlisle	222	97180	021	pro	+
Valley	302	97171	014	pro	pro
Ringway	334	04201	074	proPr	pro
Squires Gate	318	95181	074	proPr	+
Ronaldsway	204	97160	002	pro	do-ro
Mull of Galloway	131	00151			
Eskdalemuir	162	06162	000	idoiroPro	proirorrR
Prestwick	135	97181	003	pro	+
Abbotsinch	140	03181	014	+	proPr
Leuchars	171	05181	001	pro	prpro
Dyce	091	91171	021	pro	pro
Lerwick	005	92161	001	+	irororo
Wick	075	92131	000	iro	iropro
Sule Skerry	010	95111			
Cape Wrath	049	94101	000	iro	ido
Stornoway	026	92131	000	iroido	pro
Benbecula	022	91131	009	pro	pro
Tiree	100	97141	014	iroidopro	+
Aldergrove	917	92131	000	rodo-do-ro	do
Malin	980	0313	020		
Belmullet	976	9315	015		
Birr	965	0217	007		
Dublin	969	9316	002		
Shannon	962	9718	048		
Roches Point	952	0119	025		
Valentia	953	0118	042		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

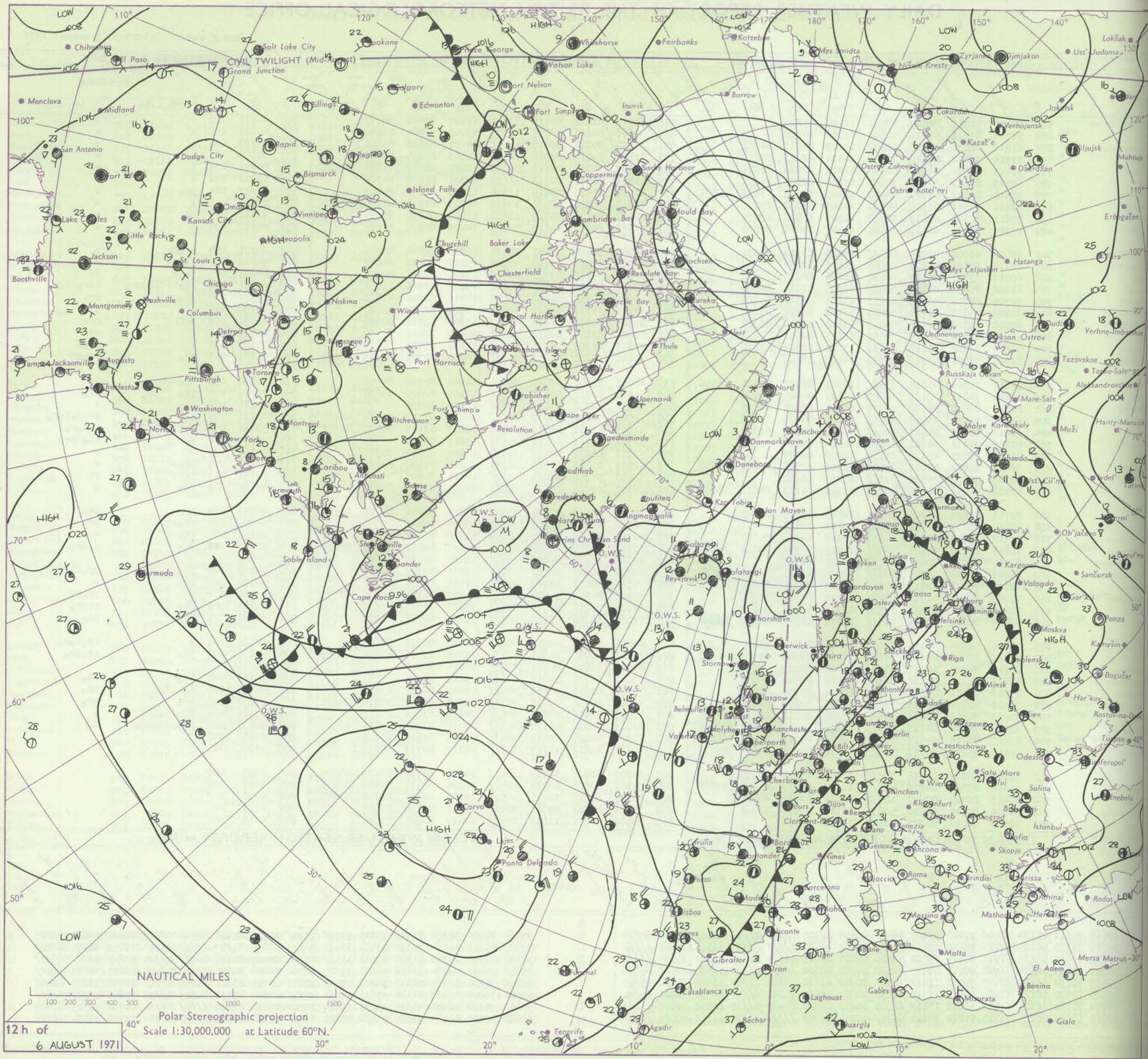
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70511	06124	82006	97025	97107	864//	00605	88710	/////	0//06	10833	30000	99/04
C	99527	70355	06124	92416	93454	09813	9////	00203	89/01	/////	0//13	11183	30605	/////
D	99439	70410	06124	61918	98021	19722	68400	00607	82815	86625	0//19	12121	30504	/////
E	99351	70479	06124	41918	98020	20425	22502	00303	82820	/////	0//22	12594	30502	15503
I	99587	70192	06124	42407	99018	11412	38505	00702	81820	83640	0//09	11366	30200	03705
J	99525	70200	06124	62405	98012	15315	11532	00004	81820	85364	0//11	11595	30201	99/04
K	99450	70160	06124	63219	98032	17817	68500	00216	84820	84640	0//15	11668	30707	01003
M	99661	10019	06124	71721	97022	98611	6637/	00215	86709	/////	05010	11165	30506	/////

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														
B	99564	70500	06184	81909	97205	94708	5732/	00719	85706	88540	0//07	10838	30000	99/03
C	99527	70355	06184	92314	93454	10413	9////	00202	89/07	/////	0//13	11153	30504	21809
D	99441	70408	06184	61922	97021	16522	21436	00719	82815	860//	0//21	1////	3////	/////
E	99352	70481	06184	62018	98021	19327	42502	00608	84820	/////	0//21	12611	30603	/////
I	99588	70192	06184	72010	98032	09512	38506	00715	81825	83657	0//08	11378	30302	03806
J	99524	70200	06184	82114	97616	15014	4747/	00807	83712	84359	0//13	11606	3////	/////
K	99450	70160	06184	43314	98031	19617	32502	00212	83820	/////	0//14	11701	30705	01002
M	99660	10020	06184	61919	97022	00011	663//	41302	86709	/////	00109	11114	30404	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 6 AUGUST 1971

Mean Sea Surface Isotherms

00h of 7 AUGUST 1971

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

06h of 7 AUGUST 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 7 August 1971

A slow, sustained rise in pressure has continued within the low complex covering the British Isles, with the main centre transferring to the Norwegian Sea, and the associated broad surface trough moving slowly east over the U.K. A large anticyclone remains slow-moving over the Azores, but a vigorous depression has developed near Newfoundland and moved northeast towards Cape Farewell. During the next 24 hours the low complex over the U.K. will be displaced eastwards over the North Sea as a ridge establishes itself over Britain. The west Atlantic depression will become slow-moving near South Greenland, and associated frontal troughs will approach western districts of the British Isles later.

Code FM 11.D

OBSERVATIONS at 00h. 7 August 1971

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	70000	61951	10913	6948/	13210	83918	85640	87359
Hurn	862	50000	75131	11113	23580	13211	81825	83360	81930
Thorney Island	871	32007	74138	11316	22480	13211	82818		
Manston	797	72007	69021	11615	5573/	13204	85650	87362	
Gatwick	776	70000	59131	11113	795//	13106	81920	87656	
Kew	775								
Heathrow	772	71905	64801	11116	785//	13111	82828	87657	
Honington	586	81905	69802	11115	886//	12310	82830	88656	
Wattisham	590	72107	74021	11215	7097/	12207	87360		
Gorleston	497	61809	60031	11017	6097/	14201	86360		
Aberporth	502	83312	58802	11113	883//	12114	86808	88620	
Ross-on-Wye	627								
Filton	628	21801	74011	10713	28600	12209	81830		
Rhoose	715	60000	70259	10513	6843/	12212	83810	84636	
Chivenor	707	60000	74258	11114	49431	13216	83913	84360	
Mount Batten	827	53004	80031	11514	59400	13216	81918	85650	
St. Mawgan	817	73302	66032	11514	69433	13216	82912	84818	
Scilly	804	73207	82038	12515	785//	14216	83821	87635	
Culdrose	809	63202	64808	12313	39443	11322	83915		
Guernsey	894	62008	82038	12314	695//	13217	85820	81925	
Elmdon	534	31502	68031	10511	28440	11112	81818		
Cardington	559	62004	70021	11114	60930	13311	86360		
Wittering	462	22402	74021	10712	25700	11212	82650		
Watnall	354	22503	40109	10612	15603	11313	81640		
Shawbury	414	70303	61049	10614	784//	12218	81818	85822	
Finningley	360	12603	64018	09913	10930	12214	81358		
Kilnsea	396	22608	66019	09515	20970	13210	82360		
Leeming	257	12202	83011	09612	15730	11113	81650		
Tynemouth	262	50000	74022	08814	55600	13116	85635		
Carlisle	222	82103	66022	08514	7557/	13212	85622	86640	
Valley	302	73606	66258	11313	783//	12216	81706	84812	87618
Ringway	334	72002	59028	10414	784//	12215	83816	87626	
Squires Gate	318	72810	75022	10414	784//	12114	82713	83817	87633
Ronaldsway	204	72910	82026	10913	784//	07114	85818	87640	
Mull of Galloway	131	83325	81022	09411	854//	09210	85715	88645	
Eskdalemuir	162	80305	40606	08713	873//	12215	88708		
Prestwick	135	83210	75258	09013	854//	11218	84614	85625	88645
Abbotsinch	140	80507	56588	08714	854//	13219	84710	88624	
Leuchars	171	70708	73022	09613	755//	10219	87628		
Dyce	091	73407	80252	09711	784//	10220	81714	87656	
Lerwick	005	83512	56516	06710	853//	10118	86706	88622	
Wick	075	83111	70258	09710	862//	10218	83703	88711	
Sule Skerry	010	83505	81038	10110	834//	09222	82915	88620	
Cape Wrath	049	83203	83505	10010	855//	07208	88620		
Stornoway	026	73006	66028	12009	754//	08214	81618	87635	
Benbecula	022	73608	85022	12411	784//	07214	81818	87631	
Tiree	100	73517	82032	11511	784//	07216	81816	87635	
Aldergrove	917	23008	84011	11910	25500	05213	82625		
Malin	980	73416	84032	12412	756//	06114	87640		
Belmullet	976	83404	83032	14512	854//	10111	81718	88638	
Birr	965	03104	75011	14709	00900	07221			
Dublin	969	12906	80011	13110	15600	07218	81635		
Shannon	962	63308	82021	14912	656//	08216	86640		
Roches Point	952	73412	80022	14413	784//	11225	81817	87637	
Valentia	953	30104	75028	15212	38500	10115	82825		

OBSERVATIONS at 06h. 7 August 1971

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	42402	80019	12211	39401	10212	81918	83640	
862	42202	75019	12814	29443	12215	81818	81920	
871	52704	66919	12313	59403	12215	82912	84656	
797	12207	70016	11815	18603	14308	81830		
776	60000	36259	12012	38463	12309	82810	83075	
775	40000	56178	11414	49500	13309	83820	81920	
772	72206	58038	11514	723//	13309	81707	83710	86817
586	61802	56299	11013	69162	13001	81702	84650	82922
590	50000	61019	11012	59500	12003	82925	83835	
497	72607	60022	11115	43570	13002	84925	87360	
502	63114	74018	13411	684//	09315	81810	83620	86645
627	80000	77021	11713	865//	11310	88720		
628	62301	74038	12013	68402	12211	81819	86650	
715	73204	62029	11913	6837/	12312	81706	84813	85628
707	73405	66808	13014	6847/	13216	81714	84820	85360
827	40000	69031	13612	25530	11208	81620		
817	73105	64258	13214	6833/	13212	82707	85814	86645
804	73409	74022	14614	784//	12214	82818	87630	
809	73405	81028	14613	7843/	12223	83818	84625	
894	62312	82031	14214	4223/	14316	81703	84820	86364
534	73208	50104	11513	762//	12308	87705		
559	72303	62809	11513	756//	13305	87640		
462	52304	74031	11611	49662	10309	82930	83656	
354	33206	40041	11312	26482	11305	82712		
414	73209	62046	12013	784//	10209	81816	85622	87650
360	70000	32101	11013	756//	12207	87635		
396	23205	12100	10512	10941	12307	81360		
257	51502	20101	10810	25131	10208	81702	84075	
262	80000	48818	10014	855//	13206	88625		
222	82703	56616	10013	854//	12308	82712	85622	88645
302	73211	85022	12813	784//	08210	81814	87620	
334	72907	62022	11713	754//	11210	81712	87622	
318	72710	75252	11813	784//	11210	81710	84815	85630
204	73011	84022	12112	784//	08209	81712	83715	87645
131	73420	84012	10711	1257/	07307	81825	87360	
162	80105	61606	10911	872//	09311	83703	88708	
135	80000	22108	10113	860//	12207	82701	87706	88710
140	80605	60506	11012	884//	11213	83710	85625	88640
171	70303	74026	11412	754//	10210	82713	87622	
091	73108	80022	11911	5543/	09211	81710	85645	
005	83306	74605	09910	6537/	09217	83708	86625	88458
075	73206	80026	11710	755//	09208	82625	87637	
010	73402	82018	11710	735//	09205	83925	87630	
049	73203	83022	11910	755//	07206	87625		
026	70000	82031	13108	755//	08304	87626		
022	30000	85011	13510	38500	08209	81820	83632	
100	73510	82012	12711	784//	04207	82818	87627	
917	73311	82021	13011	785//	07208	82820	87628	
980	43317	86012	13512	48502	07208	82820	83640	
976	72803	85032	15312	7843/	10203	81717	83821	86638
965	72601	80021	15809	756//	08208	87636		
969	72808	87031	14310	755/1	08209	81822	87635	
962	63104	82031	16111	35702	09308	83650	83070	
952	73503	81031	16810	15601	08219	81640	87072	
953	70603	82028	17008	25702	07213	82656	87070	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	04091	07	$tlrr_otlr_o$	pr_o
862	93120	08	$tlpr_o$	+
871	02121	08	pr_oltl	$tlr_orir_opr_o$
797	01140	11	ir_oiR	pr_o
776	97091	07	t_ol_o	$ifpr_o$
775	03091	07	pRf	$fFFift_ol_o$
772	96131	09	pr_orr_ol	l
586	10131	11	pr_o	$t_ol_or_oTLRr$
590	05121	10	+	$tlrpr_otlr$
497	97130	13	ir	+
502	01111	11	$pr_or_or_o$	r_or_o
627	97121	09	+	pr_o
628	91121	09	pr_o	pr_o
715	95121	08	$tlpr_otlr$	pr_otlrir_o
707	92131	11	pr_o	pr_o
827	00110	07	l	+
817	06122	11	pr	jfpRpr
804	04122	12	pr	pr
809	01121	11	pr_o	pr_o
894	00130	11	+	+
534	00090	05	+	if
559	97101	07	$tlpr_o$	pr_o
462	00101	05	+	+
354	00111	06	+	+
414	97120	11	ir_o	ir_o
360	00100	09	+	+
396	00110		tl	+
257	00091	05	+	jf
262	02131	12	+	pr
222	05131	13	~~$\frac{1}{2}$~~r	r_or_o ~~$ir_id_od_or_{r4}$~~
302	92120	10	pr_o	+
334	97131	12	pr_o	+
318	97131	12	+	pr_o
204	97110	11	r_o	+
131	00110			
162	95111	10	rrr_oir_o	ir_o
135	97121	12	pr_oid_o	id_o
140	06121	12	$pr_od_or_orr$	$d_or_od_od_oir_o$
171	97111	11	+	$d_or_oir_o$
091	97101	08	pr_o	+
005	96091	10	$d_or_od_or_od_od_o$	ir_o
075	94091	09	pr_o	+
010	92090	08		
049	91081	08	id_o	+
026	00051	00	+	+
022	00091	01	+	+
100	00111	09	+	+
917	00091	06	+	+
980	00111	08		
976	00111	08		
965	97061	04		
969	97080	06		
962	97100	06		
952	97090	06		
953	92081	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	71509	07004	81405	97025	92407	5742/	00710	85810	88540	0//06	10877	30000	27804
C	99527	70355	07004	92025	92454	05713	9////	00720	89/01	/////	0//13	11156	30606	/////
D	99441	70409	06004	62132	97022	16122	21432	00400	82815	860//	0//20	12202	30605	/////
E	99350	70480	07004	31712	98012	19425	22402	00104	82815	/////	0//21	12584	30503	/////
I	99590	70193	07004	81718	96636	07012	4732/	00716	84708	88527	0//12	11347	30503	99/05
J	99525	70200	07004	82521	97206	13115	854//	00615	88612	/////	0//15	11601	30504	99/06
K	99450	70160	07004	13312	98031	23517	14641	00217	81633	/////	0//14	11685	30705	/////
M	99661	10020	07004	82613	96202	00510	864//	00302	88710	/////	05009	11108	30303	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	07064	80000	97515	92407	864//	00306	88720	/////	0//07	10877	30000	/////
C	99526	70357	07064	82523	98024	07613	8083/	00332	88357	/////	0//11	11150	30606	/////
D	99438	70407	07064	62033	97012	15822	68400	00802	83810	86635	0//21	12127	30707	/////
E	99352	70477	07064	61917	98258	18024	63400	00809	86915	/////	0//21	12586	30604	/////
I	99590	70191	07064	82309	97616	04413	854//	00211	84710	88620	0//13	11332	30502	14805
J	99525	70199	07064	82826	96515	14615	873//	00312	83708	88712	0//15	11581	30504	29008
K	99451	70161	07064	63110	98031	24517	58540	00308	81823	85650	0//15	11686	30000	32804
M	99661	10020	07064	72822	97258	04809	794//	00228	87915	/////	05307	11126	30406	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

H.M.S.O. Press. Met.O. 8120

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40071

Date of Issue Sunday 8 August 1971

Code FM 11.D

OBSERVATIONS at 12h. — 7 August 1971

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	73307	69258	15615	734//	13218	82710	82920	87656
Hurn	862	62815	80011	16318	685//	12220	82825	86635	
Thorney Island	871	72313	83028	15719	4846/	13212	82812	84656	
Manston	797	72316	72298	14719	39563	12216	81922	84068	
Gatwick	776	72613	80152	15121	686/3	12213	84830	83650	
Kew	775	52802	74029	15018	59503	15218	83822	81922	83650
Heathrow	772	62905	65219	15018	5946/	15117	81812	83656	81920
Honington	586	72207	62179	13417	794//	14210	81710	84918	
Wattisham	590	72408	60959	14016	59403	13218	81710	85918	86072
Gorleston	497	82411	57926	13613	874//	11211	88718		
Aberporth	502	72912	87031	17114	78502	08213	86827		
Ross-on-Wye	627	72904	81028	15517	746//	10217	87630		
Filton	628	62413	80018	16117	6253/	10219	86825	84362	
Rhoose	715	32615	83026	16516	28532	09221	82825		
Chivenor	707	52912	86038	18216	31606	09225	83830	83178	
Mount Batten	827	52911	82018	18117	31535	11222	83822	84080	
St. Mawgan	817	73410	82038	18916	38506	10224	83821	87275	
Scilly	804	63404	81018	19917	2244/	13221	82818	86358	
Culdrose	809	73409	82028	18816	5841/	11227	85818	84459	
Guernsey	894	42715	82012	18417	32432	14222	83812		
Elmdon	534	73010	62015	15215	725//	11119	87821		
Cardington	559	62507	59299	14618	695//	13219	82820	84925	
Wittering	462	62911	74029	13618	5856/	12214	83825	84645	
Watnall	354	72711	62021	14616	4857/	10217	83820	86360	
Shawbury	414	73008	82026	15215	785//	08115	83828	84640	87650
Finningley	360	72812	62032	13518	786//	11215	84830	86650	
Kilnsea	396	72918	58031	12418	4357/	12208	84925	87360	
Leeming	257	82810	83212	12517	4857/	12311	82826	83640	88462
Tynemouth	262	83618	48618	12413	8052/	13214	88520		
Carlisle	222	80506	48526	13114	852//	13210	81704	85707	88630
Valley	302	72814	85031	16115	785//	08215	85822	84634	
Ringway	334	82710	75022	14615	884//	08216	84818	88635	
Squires Gate	318	72712	82028	15115	785//	10219	83820	87645	
Ronaldsway	204	32914	86021	15115	38501	07311	81828		
Mull of Galloway	131	73515	84022	14311	1257/	10215	81825	87360	
Eskdalemuir	162	80307	78216	13513	884//	11111	84710	88630	
Prestwick	135	80404	35515	13013	852//	13210	82703	84705	87707
Abbotsinch	140	80809	65216	13713	854//	11109	82711	84715	85623
Leuchars	171	80805	80026	14013	7842/	10206	81818	87657	88460
Dyce	091	73309	82022	13614	785//	08207	82820	83630	86640
Lerwick	005	73306	82026	12013	7843/	08107	83818	86625	
Wick	075	73107	89022	13811	784//	07208	82618	84625	87635
Sule Skerry	010	42905	82031	14013	48500	08211	83825	84630	
Cape Wrath	049	72702	85032	14112	3255/	11210	83820	87360	
Stornoway	026	71608	75802	14811	784//	10204	85817	87630	
Benbecula	022	52408	89031	15214	12505	10106	81824	84075	
Tiree	100	43510	89031	15014	18404	07209	81617	84075	
Aldergrove	917	63412	86022	15315	685/2	05210	85823		
Malin	980	73205	88031	15614	28506	09304	81820	86270	
Belmullet	976	72014	85032	15615	18478	09803	81717	87459	87270
Birr	965	72708	82022	17515	785//	09205	85824	87640	
Dublin	969	73111	89031	16715	685/2	07213	81825	86640	
Shannon	962	82410	89022	17617	38537	08103	82826	83650	88268
Roches Point	952	72013	83022	19115	51412	09206	85817	83460	87070
Valentia	953	81808	65606	18415	4642/	13105	83713	83630	88457

OBSERVATIONS at 18h. — 7 August 1971

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	33013	89038	19016	18502	09218	81828	83075	
862	33012	84011	19818	14601	09221	81835	83070	
871	62413	85038	18718	685//	15213	81828	83635	85650
797	12409	83019	18217	11530	14205	81820		
776	32309	70019	18119	38500	14310	82825		
775	42304	81019	17719	38501	13208	83825		
772	42206	75039	17719	48640	13210	83830		
586	12611	66019	17218	12560	12216	81825		
590	62804	66259	17017	685//	14116	84820	86650	
497	62109	60029	16417	43570	13214	84920	86358	
502	72412	87012	19714	48538	08209	81825	84640	87275
627	72810	83021	19315	756/1	06225	87630		
628	63207	85031	19816	25602	06323	82645	85075	
715	62912	86031	20115	15606	07322	81630	86070	
707	72909	86022	21415	11608	08216	81832	87278	
827	63210	86012	21417	58502	11316	83825	84640	86078
817	72809	82022	21915	14544	09215	81820	83362	86075
804	62708	83012	22116	22472	13204	82818	84360	
809	63007	82022	21616	21531	09210	82822	84362	
894	52610	82011	21916	11405	13217	81812	85272	
534	62915	75031	18316	656//	07320	86634		
559	32008	80018	17518	38600	10214	81830	83645	
462	73111	80022	17517	746//	10318	87630		
354	42812	74011	17715	48600	07218	81830	84645	
414	72807	82012	18614	785//	07218	81828	87636	
360	82912	80032	16916	856//	09318	84630	88650	
396	52820	66021	15317	50970	09215	85360		
257	82808	48506	16614	854//	12220	86716	88635	
262	80112	81028	16013	835//	12217	83925	88635	
222	82507	23625	15914	872//	13212	86704	88711	
302	52114	89012	18515	28608	08110	81835	85275	
334	62711	80022	18015	685/1	05216	81828	86635	
318	72712	84022	18115	785//	08215	83828	87645	
204	62806	89021	18115	18634	08216	81830	86075	
131	53416	84031	16713	12501	07209	81825	85080	
162	80000	48586	16212	873//	11211	86707	88712	
135	73006	80205	16614	68505	09113	81820	85650	87075
140	72507	68216	16114	654/1	11211	81712	86624	
171	71606	80022	15714	784//	10207	81818	87621	
091	50109	82022	15415	55530	08207	81620	84645	
005	73206	82022	14012	784//	08210	81712	87656	
075	23212	89011	15713	28500	07208	81825		
010	52902	84021	15813	58500	11207	83825	85630	
049	72302	85032	15711	2255/	09208	82820	87360	
026	71607	84028	16313	22636	10207	82832	83360	85275
022	72108	89022	16314	18532	11203	81821	86360	
100	52706	89011	16515	18432	09206	81818	84362	
917	72603	86022	17415	3853/	08208	81825	83640	87362
980	70804	88022	16814	2853/	10102	81820	87359	
976	81917	75606	15515	864//	13502	85711	85717	86635
965	82102	82022	18016	7857/	09203	81824	87640	86462
969	72605	89012	18216	5857/	10207	81828	85645	86460
962	81911	85505	17716	5557/	12500	85623	88458	
952	82213	82216	19315	864//	12501	84713	88630	
953	81610	56506	17915	863//	15503	88708		

OBSERVATIONS during DAY

iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	01201	108	pr_opr	+
862	00210	102	+	+
871	92210	083	pr_o	+
797	02201		pr_otl	pr_opr
776	02221	085	pr_otl_or	pr_o
775	08191	074	$pr_otlRrpR$	+
772	05201	059	$tlr_otlRrpr_o$	+
586	04191		$tlrtlr_opr_o$	pr_o
590	23191	049	$tlrtlHRtlrpr_o$	pr_opr
497	32182	023	ir_oRtl	$Rrtlrrr_or_o$
502	00151	078	+	+
627	97190	049	pr_o	+
628	00191	071	+	+
715	00180	094	+	+
707	00170	100	+	+
827	91100	078	pr_o	+
817	00161	086	+	+
804	02191	052	pr	+
809	00170	019	+	+
894	00190	113	+	+
534	92180	022	$id_oidd_or_o$	+
559	01190	061	$pr_otlrtlpr$	+
462	92191	033	tlr_opr_o	+
354	00171	031	+	+
414	00160	003	+	+
360	00190	027	+	+
396	00200	074	+	+
257	07171	003	$r_or_od_oRrr$	$rrid_od_od_o$
262	02151	001	pr_oir_o	ir_o
222	04161	000	$d_or_od_od_o$	$r_orrr_or_o$
302	00170	076	+	+
334	00160	043	+	+
318	00161	010	+	+
204	00160	119	+	+
131	00150			
162	01131	000	$ir_od_or_oid_o$	$d_or_od_or_o$
135	97151	004	$id_od_od_o$	id_o
140	92151	000	$ir_oid_or_o$	$d_or_oir_o$
171	92151	003	d_or_o	$d_or_or_od_o$
091	00151	044	+	+
005	00131	006	+	+
075	00141	048	+	+
010	00150			
049	00131	042	+	+
026	01131	021	pr_o	+
022	00150	085	+	+
100	00151	111	+	+
917	00161	060	+	+
980	0015	098		
976	9116	001		
965	0017	012		
969	0017	039		
962	9718	038		
952	9716	060		
953	9617	004		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

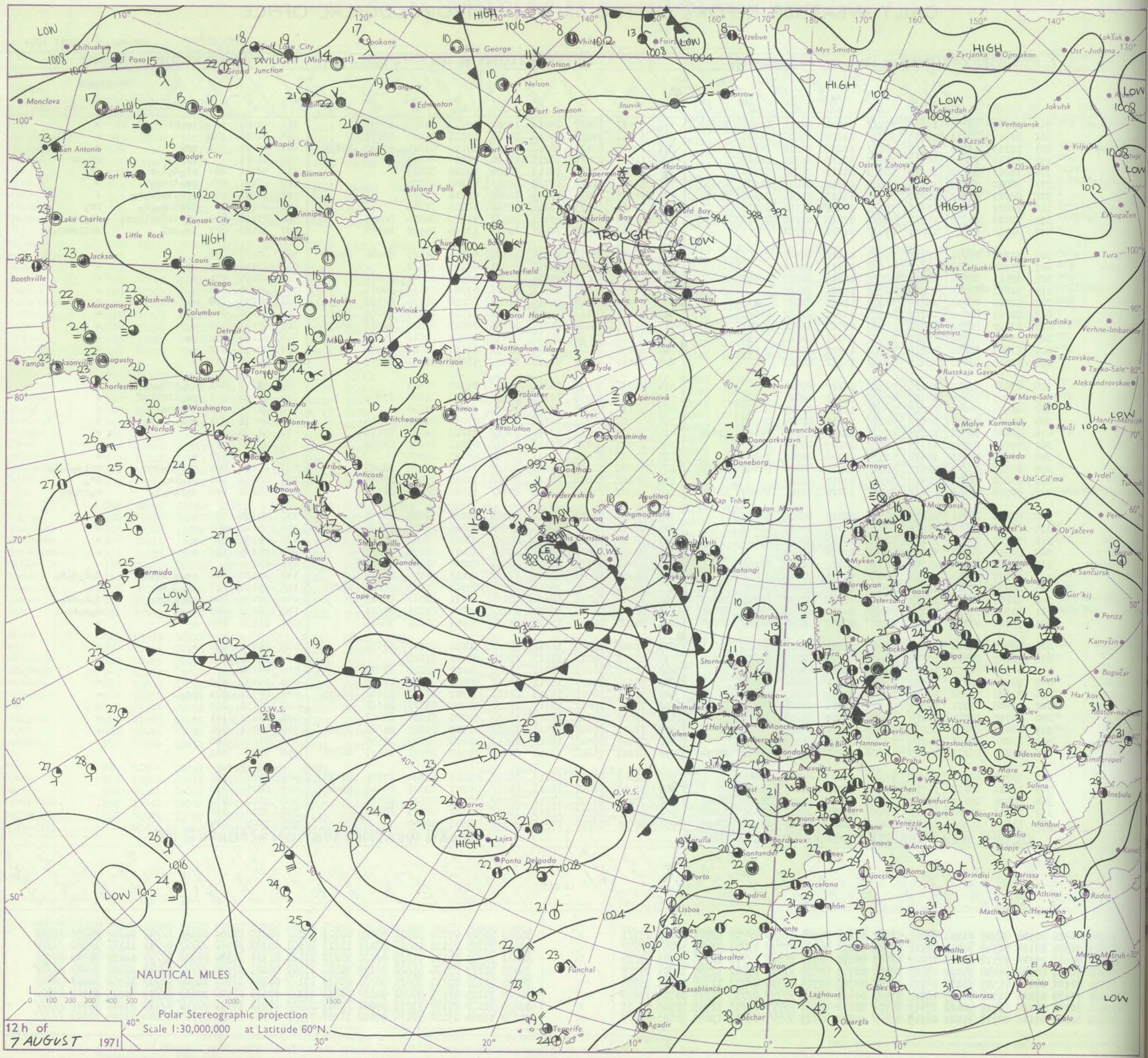
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	07124	82305	96105	96308	5632/	00224	85707	88540	0//07	10871	30000	27702
C	99527	70355	07124	72317	98012	11112	75500	00215	87625	/////	0//11	11149	30605	/////
D	99440	70408	07124	72318	98028	18422	43433	00210	82910	850//	0//21	12098	30504	99/06
E	99351	70477	07124	32020	98022	19525	38500	00112	82820	/////	0//22	12597	30604	27502
I	99590	70191	07124	72505	96206	06913	6723/	00208	81704	85706	0//13	11354	30301	25904
J	99524	70197	07124	82721	96105	18715	873//	00221	88708	/////	0//15	11571	30504	29908
K	99453	70161	07124	62913	98012	27617	65700	00112	86650	/////	0//15	11709	30502	32802
M	99660	10020	07124	82920	97028	08909	854//	00224	88619	/////	05305	11092	30405	/////

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_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70508	07184	82410	98025	00209	5632/	00217	85706	88540	0//07	10852	30301	21702
C	99527	70355	07184	62516	98031	13213	40931	00208	84362	/////	0//11	11166	30605	/////
D	99441	70410	07184	62115	97152	20022	33463	00109	82910	84358	0//21	12090	30503	27707
E	99349	70479	07184	51822	98150	20626	58500	00105	83920	/////	0//21	12618	30604	/////
I	99591	70190	07184	82016	95535	06213	871//	00805	86702	88704	0//13	11352	30603	24804
J	99524	70195	07184	82621	96102	20415	853//	00103	87708	88612	0//15	11574	30504	29808
K	99454	70139	07184	73213	97021	29817	66402	00311	86710	/////	0//17	11712	30504	/////
M	99660	10020	07184	72814	97022	11609	755//	00308	87631	/////	05304	11094	30303	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
TROUGH
Chihuahua
El Paso
Grand Junction
Salt Lake City
Monclova
Midland
Puebla
San Antonio
Fort Worth
Lake Charles
Jacksonville
Boothville
Tampa
Charleston
Montgomery
Augusta
Nashville
Columbus
Chicago
Detroit
Pittsburgh
Washington
Norfolk
New York
Boston
Bermuda
Sable Island
Yarmouth
Caribou
Anticosti
Stephenville
Gander
Cape Race
Kansas City
Little Rock
Jackson
St. Louis
Omaha
Rapid City
Lodge City
Minneapolis
Winnipeg
Regina
Bismarck
Calgary
Edmonton
Billings
Spokane
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Whitehorse
Fairbanks
Island Falls
Churchill
Winisk
Port Harrison
Nitchequon
Chimo
Ottawa
Montreal
Toronto
Nakina
Moosonee
Chesterfield
Coral Harbour
Nottingham Island
Resolution
Frobisher
Cape Dyer
Frederikshab
Godthaab
Narssarssuaq
Egedesminde
Holsteinsborg
Angmagssalik
Jan Mayen
Iceland
Inuvik
Aklavik
Tuktoyaktuk
Cambridge Bay
Resolute Bay
Eureka
Alert
Thule
Clyde
Arctic Bay
Mould Bay
Dease Bay
Coppermine
Fort Norman
Norman Wells
Fort Smith
Yellowknife
Fort Chipewyan
Fort McMurray
Prince Albert
Saskatoon
Regina
Winnipeg
Thorshavn
Lerwick
Stornoway
Belmullet
Valentia
Shannon
Aberporth
Holyhead
Manchester
Glasgow
Belfast
Dublin
Aberdeen
Edinburgh
Stockholm
Oslo
Bergen
Myken
Jan Mayen
Murmansk
Arkhangel'sk
Ob"jačevo
Sančursk
Gor'kij
Penza
Kamyšin
Bogučar
Har'kov
Rostov-na-Donu
Kursk
Smolensk
Moskva
Leningrad
Petrozavodsk
Oslo
Stockholm
Oslo
Oestersund
Vaasa
Jyväskylä
Kajaani
Oulu
Sodankylä
Kandalaksha
Lovozero
Kanin Nos
Pečora
Ust'-Cil'ma
Ivdel'
Turinsk
Muži
Hanty-Mansijsk
Mare-Sale
Malye Karmakuly
Tazovskoe
Taz-Sale
Aleksandrovskoe
Russkaja Gavan
Ostrov Uedineniya
Dikson Ostrov
Dudinka
Verhne-Imbatskoe
Mys Čeljuskin
Hatanga
Tura
Ostrov Žohova
Ostrov Kotel'nyj
Nižne Kresty
Mys Šmidta
Zyrjanka
Ojmjakon
Ust'-Judoma
Lokčak
Jakutsk
Verhojansk
Kazač'e
Oleněk
Vilujsk
Džalinda
Džardžan
Olekminsk
Aldan
Tommot
Ust'-Maja
Batamay
Ust'-Nera
Susuman
Magadan
Ola
Evensk
Anadyr
Mys Navarin
Ostrov Beringa
Petropavlovsk
Ostrov Mednyj
Ostrov Atlasova
Ostrov Paramušir
Ostrov Matua
Ostrov Simušir
Ostrov Urup
Ostrov Iturup
Ostrov Kunašir
Ostrov Šikotan
Ostrov Hokkaido
Ostrov Honšu
Ostrov Sachalin
Ostrov Kjušu
Ostrov Okinawa
Ostrov Formosa
Ostrov Luzon
Ostrov Mindoro
Ostrov Palawan
Ostrov Borneo
Ostrov Celebes
Ostrov Halmahera
Ostrov Ceram
Ostrov Timor
Ostrov Java
Ostrov Sumatra
Ostrov Nikobarskie
Ostrov Andamanskie
Ostrov Ceylon
Ostrov Sokotra
Ostrov Kuba
Ostrov Jamaica
Ostrov Hispaniola
Ostrov Puerto Rico
Ostrov Trinidad
Ostrov Curaçao
Ostrov Aruba
Ostrov Bonaire
Ostrov Margarita
Ostrov Tobago
Ostrov Grenada
Ostrov Barbados
Ostrov Martinique
Ostrov Guadeloupe
Ostrov Dominica
Ostrov Antigua
Ostrov Montserrat
Ostrov Nevis
Ostrov Saint Kitts
Ostrov Saint Martin
Ostrov Saint Barthélemy
Ostrov Saint Eustatius
Ostrov Saba
Ostrov Saint Croix
Ostrov Saint Thomas
Ostrov Saint John
Ostrov Tortola
Ostrov Virgin Gorda
Ostrov Anegada
Ostrov Jost Van Dyke

18h of 7 AUGUST 1971

Mean Sea Surface Isotherms

00h of 8 AUGUST 1971

06h of 8 AUGUST 1971

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 8 August 1971

The trough of low pressure over central Britain continued to move away eastwards towards Scandinavia allowing a ridge of high pressure over western Ireland to move across the country. Frontal troughs moved into the western half of the British Isles behind the ridge. During the next 24 hours a strong westerly airflow with troughs associated with a vigorous low near Iceland will cross most of the British Isles. Strong riding of high pressure from the Azores high towards southern England will dampen considerably the effect of these troughs over most of England and Wales.

Code FM 11.D **OBSERVATIONS at 00h.** 8 August 1971

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	72704	80031	23709	60932	09116	86360	85075	
Hurn	862	72902	80031	23912	7097/	09115	87360		
Thorney Island	871	52205	82011	23613	20942	09118	81360	83070	
Manston	797	33008	78030	21814	20931	11214	82360		
Gatwick	776	62102	75031	23109	00904	07122	86075		
Kew	775								
Heathrow	772	22707	80011	22912	10941	08120	81360		
Honington	586	12810	74021	21411	15700	09114	81656		
Wattisham	590	12907	60021	21510	15600	08216	81640		
Gorleston	497	02405	62010	20712	00900	10217			
Aberporth	502	71910	87212	22312	756//	09105	87640		
Ross-on-Wye	627								
Filton	628	73102	69022	23514	7097/	09110	87359		
Rhoose	715	72704	81022	23413	1557/	09110	81625	87360	
Chivenor	707	81204	82022	23513	70977	10005	87360	88278	
Mount Batten	827	70000	82022	24413	7097/	11118	87363		
St. Mawgan	817	71708	80032	24014	3557/	10007	83620	87359	
Scilly	804	72107	82022	23814	755//	14105	87625		
Culdrose	809	72703	81032	23615	3253/	13106	83820	87362	
Guernsey	894	72807	82022	25014	65732	13212	86656		
Elmdon	534	12404	81011	22510	15700	07116	81650		
Cardington	559	32504	66011	22507	25602	07117	82645		
Wittering	462	52405	78031	21411	55600	08111	85635		
Watnall	354	72503	62031	21610	756//	09113	87640		
Shawbury	414	52505	74021	22008	35630	06212	83640	85365	
Finningley	360	72909	80022	20614	757//	09114	87650		
Kilnsea	396	82914	66216	19213	3557/	11213	83625	88360	
Leeming	257	83202	74025	20413	855//	11114	88622		
Tynemouth	262	82005	58515	19713	864//	12212	88714		
Carlisle	222	42306	62016	19911	45600	09215	84640		
Valley	302	72315	82022	21115	4563/	12307	84640	87360	
Ringway	334	11804	70011	21611	15600	07112	81630		
Squires Gate	318	12711	82011	21514	18500	09215	81825		
Ronaldsway	204	40102	88011	20809	40932	07107	84360		
Mull of Galloway	131	62010	84022	19911	656//	09206	86645		
Eskdalemuir	162	70000	64016	19611	755//	09213	82624	86635	
Prestwick	135	11202	81021	19807	15740	07213	81650		
Abbotsinch	140	12305	84011	19209	15600	08113	81630		
Leuchars	171	70000	70026	18812	755//	11209	83620	87650	
Dyce	091	70000	84022	19009	756//	07212	87645		
Lerwick	005	73007	82022	16109	756//	08106	87630		
Wick	075	30000	89031	18009	38500	08207	81824	83650	
Sule Skerry	010	12705	82011	17111	12500	10007	81825		
Cape Wrath	049	12302	85020	17110	10940	08205	81360		
Stornoway	026	70000	82031	17507	7095/	07105	87364		
Benbecula	022	31606	89011	17210	15530	09801	81622	83360	
Tiree	100	71610	89021	17813	757//	10102	87650		
Aldergrove	917	51507	84012	19512	15532	09107	81625	83360	
Malin	900	71009	89012	18013	3561/	10304	83645	87462	
Belmullet	976	72709	75026	18714	6647/	14219	84712	84630	87459
Birr	965	81806	80022	20014	864//	12108	86713	87633	
Dublin	969	62105	80031	20314	656//	11005	86645		
Shannon	962	72612	70025	20615	754//	14218	81710	83715	86627
Roches Point	952	83003	20285	21614	860//	14212	88701		
Valentia	953	73307	75215	22315	764//	15218	87717		

OBSERVATIONS at 06h. 8 August 1971

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	12006	82011	25009	15600	09307	81640		
862	50000	84031	25111	25670	09206	82640	85360	
871	10000	82011	25410	18500	09211	81820		
797	12605	70020	24710	11530	08213	81820		
776	12202	65024	25307	10930	07212	81362		
775	22102	78024	25009	25601	08214	82648		
772	12503	80020	24809	15630	08311	81635		
586	72509	64031	23511	756//	09212	87640		
590	72708	70021	23610	756//	09211	87633		
497	82708	60031	22511	855//	09209	88628		
502	71709	66502	22613	754//	13305	82710	85620	86635
627	70000	77031	24010	756//	09305	87630		
628	71803	87031	24613	4563/	09306	84640	87359	
715	71907	68022	24014	754//	11303	83614	87620	
707	71007	78016	24014	754//	11304	87619		
827	71105	66506	24513	5537/	13302	81706	83710	85635
817	81708	32512	23714	5712/	14502	85702	88458	
804	72905	63155	23915	784//	14306	84817	84623	
809	82804	62216	23515	6818/	15601	82702	84706	85818
894	72006	82022	25714	26372	14304	82708	86360	
534	52106	82011	23911	55600	09210	85638		
559	42305	61021	24409	45700	08210	84650		
462	22607	74011	23610	25600	08211	82635		
354	12503	59051	23708	15600	08214	81640		
414	30000	78031	23310	35600	07207	83640		
360	22005	58041	22909	25700	08316	82650		
396	73013	66022	21913	7097/	10215	87460		
257	12003	83021	22410	15740	08210	81650		
262	12505	81025	21011	15600	09207	81630		
222	50000	83021	20910	58500	08302	81825	84656	
302	81918	32515	21614	870//	14203	82701	84702	88703
334	11608	70020	23010	10930	08308	81359		
318	22411	80020	22414	25430	12306	82618		
204	71906	80031	20814	56235	12101	85704	85360	
131	82314	82022	19913	857//	13601	88650		
162	70000	66034	21606	7843/	06306	81710	83818	85650
135	71302	80031	19811	755//	08301	81628	83640	86645
140	50000	65041	19809	25431	09001	81712	83362	
171	22509	60011	19610	26201	10306	82703		
091	10000	86012	18808	15630	07000	81645		
005	72408	86022	16410	783//	08500	81707	87630	
075	31902	89020	17411	15601	10503	81640	83080	
010	61802	82031	16212	35502	10708	83620	86070	
049	62302	85021	15412	30935	06709	83360	86070	
026	71815	86021	15612	7097/	09715	83358	86360	
022	81816	82031	15413	854//	11611	81615	83620	88630
100	81917	66216	16613	852//	13608	82703	88620	
917	82006	62216	19813	862//	13303	84705	88707	
900	72211	84026	17914	764//	13000	86715	85645	
976	82411	30586	19316	862//	15601	85705	87709	
965	82302	80205	21814	864//	13307	86716	88638	
969	72608	60216	21014	762//	14208	85704	85709	
962	82712	40512	22216	872//	15305	83704	86706	88709
952	72204	70016	23115	754//	14206	81711	87625	
953	82605	59506	23816	863//	15209	88708		

OBSERVATIONS during NIGHT

iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00081	03	+	+
862	00090	04	+	+
871	00090	04	+	+
797	00091	05	+	+
776	00051	02	+	if
775	00061	01	+	f
772	00091	03	+	+
586	00091	07	+	+
590	00071	05	+	+
497	00090	05	+	+
502	97111	10	ir_o	id_o
627	00090	04	+	+
628	00111	08	+	+
715	91130	09	+	$ir_or_or_o$
707	97130	11	+	ir_o
827	02121	12	id_o	rrd_od_o
817	91121	10	+	$id_od_od_oid_o$
804	92141	12	id_o	pr_o
809	04131	13	ir	$irrrr_or_oir_o$
894	91130	10	+	ir_o
534	00060	01	+	+
559	00060	02	+	+
462	00091	06	+	+
354	00071	02	+	+
414	00070	02	+	+
360	00080	06	+	+
396	97130		ir_o	+
257	91091	06	d_od_o	+
262	93101	07	d_od_o	+
222	91081	05	r_o	+
302	93141	12	+	d_od_o
334	00080	06	+	+
318	97131	11	+	d_o
204	97090	06	+	d_o
131	00110			
162	00041	01	fF	f
135	00071	05	+	+
140	97071	01	+	ir_o
171	97101	08	d_o	+
091	00061	01	+	+
005	00081	06	+	+
075	00071	07	+	+
010	00110	08		
049	00091	08	+	+
026	97071	01	+	id_o
022	97091	08	+	id_o
100	95101	04	+	$ir_oid_od_od_o$
917	97111	09	r_o	+
900	97131	11		
976	01141	13		
965	97141	14		
969	97140	11		
962	91141	14		
952	97141	13		
953	94141	14		

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														
B	99564	70509	08004	72710	98012	05008	764//	00326	87710	/////	0//08	10850	30302	09905
C	99527	70355	08004	72416	98021	16612	75500	00217	87625	/////	0//11	11205	30806	/////
D	99442	70409	08004	82328	94808	21122	5331/	00306	85909	88457	0//21	12172	30605	/////
E	99349	70479	08004	61618	98032	21625	38532	00209	82820	850//	0//27	12605	30603	29704
I	99591	70188	08004	82715	97205	08613	853//	00216	84708	84711	0//11	11321	30402	26806
J	99525	70195	08004	82421	95515	22215	872//	00210	88705	/////	0//15	11577	30504	28908
K	99452	70160	08004	83312	98035	32817	873//	00213	88706	/////	0//16	11736	30000	30603
M	99660	10020	08004	61510	97022	12709	6558/	00400	85630	/////	05202	11080	30202	/////

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														
B	99564	70508	08064	70000	98025	08008	2643/	00213	82710	87360	0//08	10856	30000	09005
C	99527	70355	08064	52412	98031	18212	55500	00102	85625	/////	0//11	11201	30605	/////
D	99439	70407	08064	62124	97808	22422	63460	00102	86915	/////	0//21	12153	30605	/////
E	99350	70480	08064	41822	98021	21025	22532	00709	82820	/////	0//23	12584	30603	99/04
I	99591	70185	08064	82320	97012	06413	884//	00619	81812	88625	0//11	11322	30605	27806
J	99525	70197	08064	82525	95615	20615	872//	61810	88703	/////	0//16	11587	30605	23808
K	99452	70161	08064	83412	97535	32716	862//	00500	88704	/////	0//16	11758	30000	30803
M	99660	10020	08064	72008	97152	11509	796//	00712	87941	/////	05404	11112	30101	99503

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40072

Date of Issue Monday 9 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 8 August 1971

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	72009	82021	26018	785//	12101	86820	85650	
Hurn	862	51911	82012	27018	4853/	13303	82828	83640	
Thorney Island	871	72012	83031	27018	6863/	13004	81830	85656	
Manston	797	53005	85031	26618	58600	10205	81835	85645	
Gatwick	776	62608	82031	26421	68600	12001	85840		
Kew	775	62207	82031	26019	646//	09001	82835	85645	
Heathrow	772	62210	81031	26119	65600	09801	82632	85650	
Honington	586	42807	83031	25019	41600	09004	84835		
Wattisham	590	42805	82031	25018	41600	09002	84835		
Gorleston	497	32610	61011	24618	32600	08201	83830		
Aberporth	502	72612	80015	24317	785//	15302	82825	87650	
Ross-on-Wye	627	52310	77021	24419	58600	13802	83830		
Filton	628	62308	87022	25819	685//	12203	83828	84640	
Rhoose	715	72008	81032	25719	784//	13205	82816	87624	
Chivenor	707	72806	83025	25619	784//	16003	82815	84619	86632
Mount Batten	827	32107	66015	26019	38400	17003	82818		
St. Mawgan	817	73010	82505	26218	753//	14112	81707	87614	
Scilly	804	42804	85011	27321	48401	17212	81819	84635	
Culdrose	809	73405	82216	26018	754//	14009	81712	87620	
Guernsey	894	72009	63206	27516	753//	15003	82706	85707	87640
Elmdon	534	52113	80011	24518	58501	12801	82823	84650	
Cardington	559	72409	80031	25319	786//	09000	82835	87640	
Wittering	462	22510	82020	24320	21600	09803	82830		
Watnall	354	62312	74021	24119	685//	13000	84820	84645	
Shawbury	414	72308	74505	23918	754//	13801	82712	87619	
Finningley	360	52310	83031	23120	54600	10804	82845	84650	
Kilnsea	396	32308	66021	23819	30970	09103	83360		
Leeming	257	72214	82021	22218	746//	11705	84630	85640	
Tynemouth	262	72418	74021	21318	7097/	12803	87358		
Carlisle	222	72411	83021	20918	784//	13702	81715	86623	87630
Valley	302	72216	82035	23417	784//	14207	81815	87635	
Ringway	334	71712	70201	23217	784//	13803	83713	83820	87645
Squires Gate	318	72112	62205	23217	753//	16001	82706	85710	85620
Ronaldsway	204	72110	80035	21917	6547/	14102	84714	85650	87359
Mull of Galloway	131	82320	58502	20515	864//	14101	88712		
Eskdalemuir	162	82010	74216	20314	883//	12803	83708	83824	88638
Prestwick	135	82205	62606	19615	6537/	13503	81708	83620	86650
Abbotsinch	140	82008	50616	19015	873//	13708	81708	84709	88711
Leuchars	171	72413	69021	18217	755//	13710	85626	87650	
Dyce	091	72114	86031	16417	14538	11713	81620	87272	
Lerwick	005	41816	83011	14014	12402	10717	81818	84070	
Wick	075	71712	89021	14613	15636	09719	81640	83359	87270
Sule Skerry	010	81809	84031	13413	855//	10721	88620		
Cape Wrath	049	72312	87022	12013	755//	11719	87625		
Stornoway	026	82021	66025	13115	862//	14713	83705	85710	88712
Benbecula	022	82214	12506	14014	860//	14607	82701	88702	
Tiree	100	82114	32536	15715	861//	15708	86702	88704	
Aldergrove	917	82112	70206	19917	862//	16803	84705	88707	
Malin	980	82313	50635	18016	6632/	16000	86708	88550	
Belmullet	976	82315	50516	20316	862//	16106	88704		
Birr	965	82410	66205	23018	864//	16102	88714		
Dublin	969	02511	70505	22117	863//	15000	84709	86711	87715
Shannon	962	82517	80205	23918	873//	16105	83706	85708	88712
Roches Point	952	72018	70022	25017	764//	16103	84715	87628	
Valentia	953	82709	50505	25517	863//	16108	88706		

OBSERVATIONS at 18h. 8 August 1971

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	52311	82012	25618	58500	14602	83820	84640	
Hurn	862	71908	75022	26518	6553/	14802	86625		
Thorney Island	871	72510	82022	26418	744//	14604	84618	87645	
Manston	797	32012	82011	25618	35600	13604	81645	83656	
Gatwick	776	52109	80011	25918	58400	15706	81816	85650	
Kew	775	72107	78022	25319	785//	14704	82825	87645	
Heathrow	772	72111	80012	25219	785//	14707	82822	83625	87650
Honington	586	72210	83022	24019	746//	12706	81840	87650	
Wattisham	590	72610	82021	24119	757//	11706	87650		
Gorleston	497	42410	61030	23720	41600	10000	84830		
Aberporth	502	62307	80012	24419	685//	15701	83820	84656	
Ross-on-Wye	627	72109	77022	24020	786//	14707	82830	87635	
Filton	628	72412	83031	25319	785//	15502	81825	87650	
Rhoose	715	62613	75012	25718	28431	15500	81816	83360	
Chivenor	707	72509	82032	26318	65504	14601	86625	83075	
Mount Batten	827	33110	86011	26619	28601	15304	81830		
St. Mawgan	817	82609	80155	26817	854//	14802	83710	88645	
Scilly	804	72809	58155	27517	752//	16704	83705	85615	
Culdrose	809	73107	81021	27017	6843/	15000	81818	86620	
Guernsey	894	62407	74035	27717	58332	16202	83706	84810	
Elmdon	534	62313	66011	23520	6853/	14506	84825	83650	
Cardington	559	62210	74012	24220	68632	13806	81830	86645	
Wittering	462	72412	83021	23520	746//	13505	82840	87656	
Watnall	354	82411	66032	22719	7847/	15508	81818	87630	
Shawbury	414	72515	83216	23218	7557/	13500	81620	84626	86650
Finningley	360	82310	78252	21720	886//	15711	81840	88645	
Kilnsea	396	82522	61022	21719	8097/	14709	88360		
Leeming	257	72311	82216	20817	5543/	14709	85618	87363	
Tynemouth	262	82310	66218	19017	3367/	15708	83930	88360	
Carlisle	222	82213	70616	19116	853//	15713	83708	85620	88645
Valley	302	82021	66506	22516	853//	15710	81706	84615	88620
Ringway	334	82205	70025	22318	854//	14806	82616	84622	88650
Squires Gate	318	82216	60616	21917	853//	16713	81709	86615	88625
Ronaldsway	204	82407	63215	20715	872//	14610	81705	83707	88712
Mull of Galloway	131	92319	08516	18815	9////	14606	89///		
Eskdalemuir	162	82114	23536	18315	870//	14711	88701		
Prestwick	135	82411	56206	17916	852//	15608	82703	85708	86615
Abbotsinch	140	72112	57206	16816	753//	15611	82706	85708	87640
Leuchars	171	82314	69606	15117	874//	15719	88711		
Dyce	091	72008	70216	14115	1567/	14710	81630	85359	86461
Lerwick	005	81814	62211	10312	5542/	11725	81710	84635	88458
Wick	075	62508	86212	11617	45631	14614	84630	85360	86075
Sule Skerry	010	62309	58015	10813	3647/	13703	83710	86360	
Cape Wrath	049	82308	83014	11212	855//	11301	88620		
Stornoway	026	72612	75026	13114	755//	12203	83620	87630	
Benbecula	022	72510	79035	14614	783//	13306	81707	87625	
Tiree	100	82512	14516	15915	860//	15305	86701	88702	
Aldergrove	917	72609	65216	19217	7533/	16801	81708	85712	86635
Malin	980	82417	56586	17916	862//	15500	85704	88712	
Belmullet	976	82613	57205	20516	863//	16302	88706		
Birr	965	82309	58515	22717	864//	16603	88712		
Dublin	969	62617	82015	20820	5543/	16607	81715	84625	
Shannon	962	82416	65505	23418	872//	16806	83705	85707	88710
Roches Point	952	22513	75021	23920	16401	16504	81715		
Valentia	953	82310	56505	24916	862//	16706	88704		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00201	044	+	+
Hurn	862	00200	042	+	+
Thorney Island	871	00190	079	+	+
Manston	797	00210		+	+
Gatwick	776	00210	088	+	+
Kew	775	00211	065	+	+
Heathrow	772	00211	061	+	+
Honington	586	00211		+	+
Wattisham	590	00211	075	+	+
Gorleston	497	00220	103	+	+
Aberporth	502	97191	041	id$_o$	+
Ross-on-Wye	627	00210	042	+	+
Filton	628	00210	055	+	+
Rhoose	715	00210	058	+	+
Chivenor	707	97200	042	d$_o$	+
Mount Batten	827	94210	074	d$_o$d$_o$	+
St. Mawgan	817	97191	027	id$_o$	id$_o$
Scilly	804	97221	058	+	id$_o$
Culdrose	809	97191	030	ir$_o$id$_o$	id$_o$
Guernsey	894	97180	028	id$_o$ir$_o$	+
Elmdon	534	00210	058	+	+
Cardington	559	00210	072	+	+
Wittering	462	00220	080	+	+
Watnall	354	00190	063	+	+
Shawbury	414	92200	030	d$_o$-d$_o$r$_o$-r$_o$	ir$_o$
Finningley	360	97210	075	+	pr$_o$
Kilnsea	396	00220	071	+	+
Leeming	257	96191	041	+	id$_o$ir$_o$
Tynemouth	262	01191	063	pr$_o$	pr$_o$r$_o$r$_o$
Carlisle	222	01181	031	r$_o$d$_o$r$_o$d$_o$r$_o$r	r$_o$r$_o$d$_o$r$_o$d$_o$d$_o$
Valley	302	97171	010	d$_o$r$_o$	d$_o$
Ringway	334	97200	036	d$_o$d$_o$	d$_o$
Squires Gate	318	01191	010	d$_o$	d$_o$r$_o$
Ronaldsway	204	01171	007	d$_o$d$_o$	d$_o$r$_o$ir$_o$-r
Mull of Galloway	131	05151			
Eskdalemuir	162	04151	015	ir$_o$r	drdr$_o$rfDd$_o$d$_o$
Prestwick	135	04171	000	id$_o$ir$_o$r$_o$r$_o$r	rrr$_o$r$_o$id$_o$
Abbotsinch	140	01161	009	ir$_o$id$_o$d$_o$d$_o$r$_o$r$_o$	r$_o$r$_o$d$_o$r$_o$d$_o$d$_o$
Leuchars	171	97181	041	r$_o$	r$_o$
Dyce	091	92171	050	ir$_o$	ir$_o$ir
Lerwick	005	92151	076	+	ir$_o$id$_o$
Wick	075	97171	058	+	ir$_o$pr$_o$
Sule Skerry	010	01141			
Cape Wrath	049	00151	012	FF	ff
Stornoway	026	97171	005	id$_o$ir$_o$	+
Benbecula	022	92161	016	d$_o$r$_o$id$_o$f	+
Tiree	100	03161	000	d$_o$d$_o$drdd	dddd$_o$d$_o$
Aldergrove	917	05181	000	d$_o$r$_o$d$_o$r$_o$d$_o$r$_o$r$_o$	r$_o$r$_o$r$_o$r$_o$drd$_o$r$_o$
Malin	980	1016	000		
Belmullet	976	0117	000		
Birr	965	9718	001		
Dublin	969	9720	012		
Shannon	962	9718	001		
Roches Point	952	0021	061		
Valentia	953	9717	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

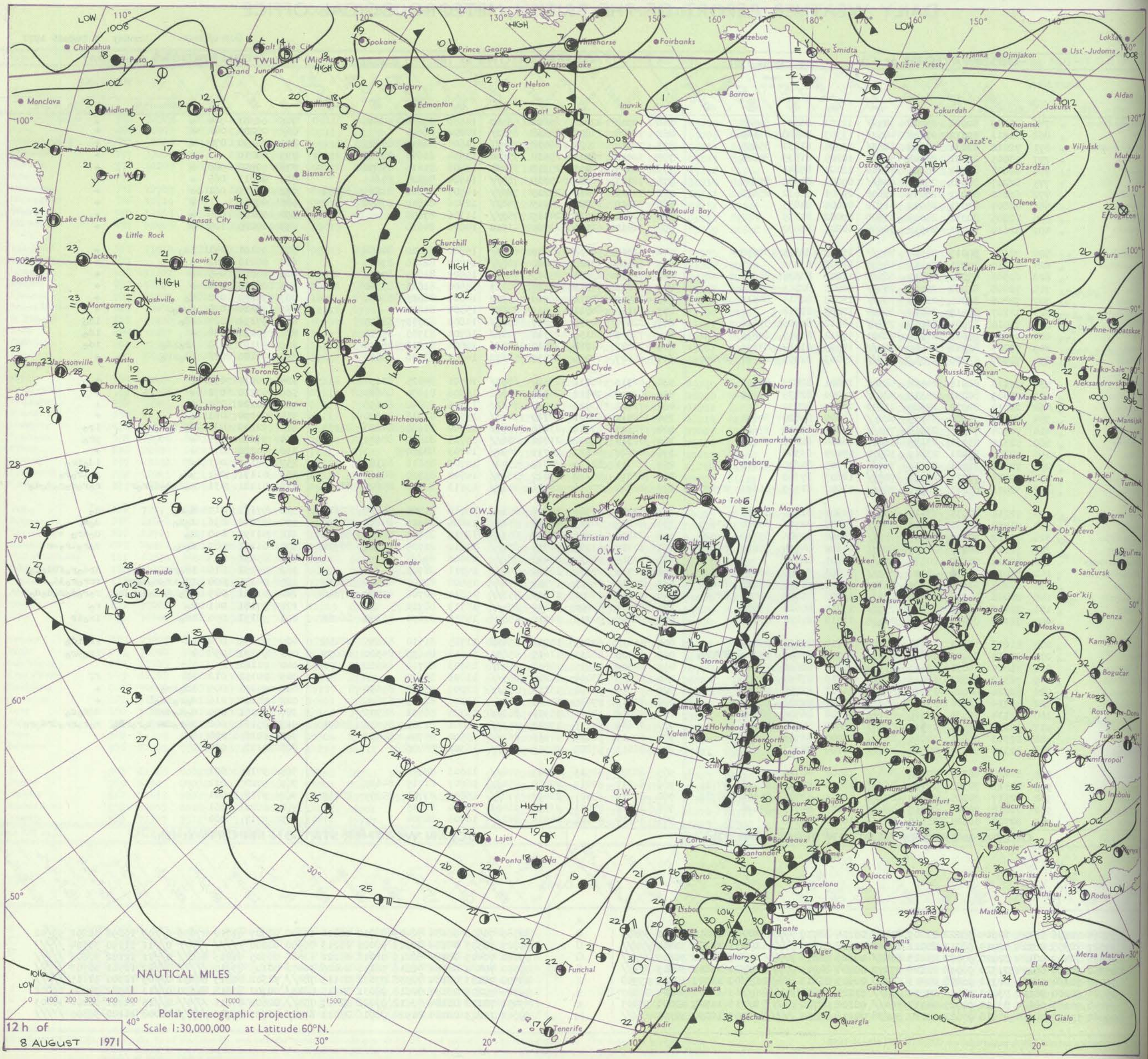
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70506	08124	82604	98022	11009	854//	00214	88710	/////	0//08	10850	30201	99/03
C	99527	70355	08124	12414	98012	20012	15500	00106	81620	/////	0//11	11169	30604	/////
D	99438	70409	08124	82020	97022	24423	6142/	00109	86815	/////	0//21	12150	30605	/////
E	99350	70480	08124	71320	98038	22626	57472	00104	84915	/////	0//22	12601	30603	/////
I	99592	70184	08124	62332	96258	04413	68400	00503	83813	85635	0//09	11327	30809	27908
J	99524	70200	08124	73018	98016	24714	754//	61223	87615	/////	0//13	11587	30804	27807
K	99448	70165	08124	83512	97025	34117	864//	00102	88710	/////	0//16	11727	30000	30803
M	99660	10022	08124	61918	97022	09010	35688	00716	83735	/////	05107	11094	30303	/////

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	$8N_Ch_Ch_s$	$8N_Ch_Ch_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70506	08184	72409	98012	12810	16400	00307	81710	87656	0//09	10896	30201	99/02
C	99527	70355	08184	02513	98020	21213	00900	00000	/////	/////	0//11	11190	30504	/////
D	99440	70409	08184	62219	98018	25222	11466	00305	81815	860//	0//21	12182	30606	/////
E	99350	70480	08184	71816	98158	24026	30472	00105	83915	/////	0//22	12581	30703	/////
I	99590	70183	08184	72538	97038	04113	784//	51302	82815	84630	0//09	11300	31115	/////
J	99524	70201	08184	72618	98031	24315	5843/	00702	81818	84630	0//13	11582	30404	29008
K	99451	70158	08184	73612	97022	32417	754//	00608	87616	/////	0//15	11701	30000	30803
M	99661	10023	08184	81924	96616	05011	6752/	00727	86720	/////	00008	11100	30305	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
TROUGH
O.W.S.
Chihuahua
El Paso
Grand Junction
Salt Lake City
Spokane
Prince George
Whitehorse
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Kresty
Lokšak
Ust'-Judoma
Zyrjanka
Ojmjakon
Monclova
Midland
Abilene
Billings
Calgary
Watson Lake
Fort Nelson
Edmonton
Fort Simpson
Inuvik
Barrow
Aldan
Jakutsk
Čokurdah
Verhojansk
Kazač'e
Viljujsk
Ostrov Kotel'nyj
Džardžan
Olenek
Muhuja
Ebeleen
Hatanga
Mys Čeljuskin
Uedinenija
Ostrov
Tazovskoe
Aleksandrovskoje
Tarko-Sale
Maje-Sale
Russkinja
Malye Kamakuly
Muži
Hanty-Mansijsk
Tobsed
Ust'-Ca'rma
Turinsk
Permʹ
Ob"jačevo
Arhangel'sk
Kargopol'
Sančursk
Gor'kij
Penza
Moskva
Kamyšin
Bogučar
Har'kov
Rostov-na-Donu
Tuapse
Simferopol'
Odesa
Sulina
Inebolu
Istanbul
Skopje
Beograd
Bucuresti
Salu Mare
Oradea
Venezia
Ancona
Brindisi
Rodos
Mersa Matruh
El Adem
Misurata
Gabes
Malta
Tripoli
Benina
Gialo
Laghouat
Alger
Oran
Casablanca
Agadir
Tenerife
Funchal
Lajes
Corvo
Ponta Delgada
Lisboa
Porto
La Coruña
Santander
Bordeaux
Biarritz
Pauillac
Nantes
Brest
Cherbourg
Paris
Dijon
Clermont
Toulouse
Marseille
Perpignan
Barcelona
Palma
Ajaccio
Genova
Milano
München
Innsbruck
Graz
Beograd
Venezia
Zagreb
Ljubljana
Klagenfurt
Linz
Praha
Berlin
Hannover
Gdańsk
Warszawa
Czestochowa
Kraków
Lwów
Kiev
Minsk
Smolensk
Moskva
Penza

18h of 8 AUGUST 1971

Mean Sea Surface Isotherms

00h of 9 AUGUST 1971

06h of 9 AUGUST 1971

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 9 August 1971

Weak frontal troughs crossed most of the British Isles as the vigorous low with which they are associated turned on a more easterly track to just west of the Faeroes. Meanwhile the large high receded a little southwestwards to near the Azores with a separate cell of high pressure over France in the general ridge of high pressure which extends from the Azores to Moscow. During the next 24 hours there may be a further nearginal fall of pressure as the high to the south declines and all districts of the British Isles will be covered by a fresh unstable westerly airstream as the low near the Faeroes moves east into Norway.

Code FM 11.D **OBSERVATIONS at 00h.** 9 August 1971

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	82107	59022	25515	863//	15707	86708	88710	
Hurn	862	72603	65021	26116	753//	15806	82708	87635	
Thorney Island	871	72308	74022	26216	763//	14705	87709		
Manston	797	52010	81031	25614	00901	13706	85075		
Gatwick	776	82309	66031	25816	863//	15704	85708	88709	
Kew	775								
Heathrow	772	12109	65011	25116	16401	14605	81714		
Honington	586	22107	74011	23316	20930	14706	82363		
Wattisham	590	22208	57011	23715	10942	13608	81362		
Gorleston	497	52113	61032	22616	50970	13811	85360		
Aberporth	502	81817	58502	24015	862//	15604	88703		
Ross-on-Wye	627								
Filton	628	82513	74501	25017	863//	15709	88709		
Rhoose	715	82512	30516	25316	861//	15809	86702	88705	
Chivenor	707	82405	59205	25917	872//	16705	85704	88709	
Mount Batten	827	82808	66502	27416	854//	15000	88616		
St. Mawgan	817	82408	08515	27216	870//	16803	86701	88702	
Scilly	804	82605	32515	27615	872//	15804	88705		
Culdrose	809	82804	19515	27515	850//	15702	82701	83703	88615
Guernsey	894	72406	80022	27815	754//	14804	87618		
Elmdon	534	22105	82011	23316	00902	14706	82080		
Cardington	559	12211	61011	23816	15630	15608	81640		
Wittering	462	32410	80031	22317	35700	14710	83656		
Watnall	354	42310	66011	21916	25531	15809	82620		
Shawbury	414	62207	74032	22516	664//	14809	86712		
Finningley	360	72210	80032	20818	756//	15807	87633		
Kilnsea	396	62512	66012	20618	6097/	15707	86360		
Leeming	257	72009	82022	19119	754//	15607	87618		
Tynemouth	262	80000	74022	17818	856//	17706	88635		
Carlisle	222	72512	56216	17816	772//	16808	86704	87707	
Valley	302	82023	28585	21315	860//	15708	88701		
Ringway	334	71812	70212	21316	755//	14712	84622	87656	
Squires Gate	318	82519	30596	20916	872//	16808	85705	88710	
Ronaldsway	204	82412	65216	20016	853//	15606	85708	88611	
Mull of Galloway	131	82610	63505	18815	872//	14705	88704		
Eskdalemuir	162	82507	32585	17515	873//	14605	85708	88714	
Prestwick	135	73009	70035	17914	7537/	13801	81708	84610	86630
Abbotsinch	140	72407	70025	17114	754//	12102	81710	83616	87624
Leuchars	171	72513	74026	14815	1557/	14801	81620	87359	87462
Dyce	091	71502	80022	13614	25632	13302	82635	84359	87070
Lerwick	005	72414	66205	08611	762//	11707	84704	87708	
Wick	075	72005	75028	12113	58531	10801	81820	85634	86362
Sule Skerry	010	62513	66018	09913	634//	12708	86915		
Cape Wrath	049	72315	82022	10112	3557/	11713	83625	86360	
Stornoway	026	42316	75012	12613	40930	11706	84358		
Benbecula	022	62415	80032	14513	22402	12605	82818	85075	
Tiree	100	62511	74015	16613	11432	12400	81815	85070	
Aldergrove	917	72912	66206	19515	753//	14500	84707	85709	87620
Malin	980	72514	80026	18414	4547/	12703	81715	84630	87360
Belmullet	976	72611	77035	21414	754//	12101	83715	87632	
Birr	965	82304	59586	22316	873//	15704	88707		
Dublin	969	72514	80505	20617	3633/	16704	83706	86358	
Shannon	962	82410	66505	22916	873//	15705	82708	85712	88622
Roches Point	952	82308	65021	24216	862//	16705	88704		
Valentia	953	82709	56586	24516	862//	15802	88704		

OBSERVATIONS at 06h. 9 August 1971

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	82107	66205	23115	862//	14613	84703	88706	
862	82206	60022	23915	854//	14709	84710	88625	
871	82707	61022	23715	863//	14605	85708	88710	
797	72108	61021	23116	763//	15614	87709		
776	72406	62022	23116	763//	15712	82706	84708	87710
775	82306	62022	23716	863//	14615	88709		
772	82408	68031	22516	863//	14616	88707		
586	82309	61031	21215	862//	14712	88705		
590	82513	62021	21215	863//	14713	88706		
497	62111	58022	20715	3647/	14711	83715	85360	
502	92315	02515	21516	9////	16609	89///		
627	72307	63022	21017	755/1	14615	85720	87630	
628	72412	62016	22517	754//	15610	84712	87616	
715	82514	30505	22715	861//	15712	88702		
707	82508	40586	23216	872//	16712	85703	88706	
827	82509	58105	24516	872//	15708	88704		
817	82511	08515	24415	870//	15712	85700	88701	
804	92306	04515	24815	9////	15715	89/00		
809	82908	19515	25015	852//	15709	83703	86706	88610
894	82306	66505	25915	850//	15505	82701	85703	87705
534	72009	65021	20716	5537/	14613	81709	84627	86359
559	82209	40501	21616	863//	15611	88706		
462	72511	74031	20116	2573/	15613	82656	86359	
354	82411	58051	19516	863//	15613	88707		
414	72409	78012	20117	763//	14611	82709	87713	
360	72508	62026	18318	755//	16711	82620	87640	
396	52516	59016	18117	50971	15712	85360		
257	72307	83022	17417	45471	15605	81717	83640	85364
262	72710	81022	16815	3367/	14602	83930	87359	
222	72508	62022	17214	55332	13603	81708	83717	85645
302	72712	74215	20016	783//	15608	81706	87620	
334	82309	22585	19216	871//	15610	88702		
318	72714	65026	19116	763//	15508	87706		
204	72909	84012	18915	55408	11806	81713	84626	87270
131	72710	74012	17813	7097/	12707	87460		
162	70000	74026	16712	5853/	09805	84820	85362	
135	72510	68032	16513	48472	12808	81710	83362	85075
140	62109	70022	15314	68431	11712	81715	83818	85622
171	72309	74031	14211	15572	10805	81620	85362	86072
091	52311	86022	12411	15651	08711	81640	83362	
005	52421	56021	05111	48330	10716	84706	83815	
075	72215	80032	09313	785//	09713	81820	87630	
010	52524	74028	06112	534//	10720	85915		
049	52315	81031	06412	5257/	11724	85825		
026	42314	75028	09012	28530	10721	81828	83358	
022	62519	74032	11213	683//	11718	81708	85616	
100	72415	66801	13713	784//	12715	81816	87650	
917	72610	70022	18513	754//	11507	83710	83625	85650
980	72216	80038	16314	784//	12714	86817	84640	
976	72411	78012	19114	55432	12712	81718	85637	
965	82503	75026	21214	5547/	12507	82716	85636	88460
969	72808	80015	20014	4547/	12500	81713	84645	87459
962	72708	74015	21514	5537/	13608	81709	83620	85630
952	22706	75030	22215	16432	14605	81710		
953	82407	70206	22515	864//	13608	88717		

OBSERVATIONS during NIGHT

iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97141	12	+	dodo
862	00140	12	+	+
871	00171	14	+	+
797	00130	12	+	+
776	00150	13	+	+
775	00151	13	+	+
772	97151	14	+	do
586	00140	13	+	+
590	00141	13	+	+
497	00150	13	+	+
502	94151	15	ido	dodoff
627	00150	13	+	+
628	92161	15	idododo	dododrdoro-do
715	01151	14	iroidododo	idodododido
707	93151	16	doro	dorodo
827	97151	15	ido	dodoiro
817	01151	15	dododif	dodoff
804	01151	15	ido	idoff
809	01151	15	idododo	dodoif
894	92151	13	+	idoffdodoFff
534	97150	13	+	do
559	97150	14	+	do
462	00130	13	+	+
354	00160	13	+	+
414	00160	14	+	+
360	97160	14	ro	+
396	00160		+	+
257	00171	15	+	+
262	00151	14	+	+
222	01141	13	dododdoro	+
302	96151	14	doro	iro
334	02161	15	rodo	dododorododo
318	04141	14	roRdr	ddo
204	01141	13	ro	ro
131	02121			
162	94121	10	doirodoro	+
135	97131	11	ido	+
140	00131	11	+	jp
171	00111	09	+	+
091	00091	05	+	+
005	91111	10	idoid	pro
075	97111	09	+	pro
010	01112	10		
049	00100	10	+	+
026	02111	09	pro	propr
022	02131	11	+	pr
100	97121	11	+	pro
917	97131	11	ro-do	+
980	91131	12		
976	97131	12		
965	01141	13		
969	97140	13		
962	95141	14		
952	97141	13		
953	96141	13		

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70508	09004	82709	97102	14307	864//	00208	88710	/////	0//08	10918	30201	99/03
C	99527	70355	09004	22212	98020	22212	28500	00104	82820	/////	0//11	11164	30504	/////
D	99442	70408	09004	72118	97022	26022	76400	00030	87710	/////	0//21	12201	30605	/////
E	99350	70479	09004	21815	98021	25225	23403	00211	82815	/////	0//23	12588	30603	/////
I	99590	70185	09004	72633	97028	05212	784//	51103	84815	86630	0//09	11307	31115	/////
J	99524	70200	09004	82513	98032	23615	784//	00606	84815	87622	0//14	11590	30403	29907
K	99450	70156	09004	73612	97022	32217	754//	00804	87616	/////	0//15	11700	30000	30803
M	99660	10020	09004	81722	96586	99211	6742/	00730	86710	/////	05010	11142	30506	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	09064	92110	93474	14006	9////	00809	89/01	/////	0//06	1////	30201	99/03
C	99527	70355	09064	72612	98021	22012	754//	00601	87715	/////	0//10	11166	30504	/////
D	99439	70409	09064	61915	97102	25522	65400	00706	86615	/////	0//21	12114	30605	/////
E	99352	70479	09064	51818	98021	24925	42401	00605	84815	/////	0//23	12587	30603	26804
I	99588	70188	09064	82728	97022	06711	7532/	00207	83707	84618	0//09	11299	31114	/////
J	99524	70199	09064	73113	98016	20914	31422	00611	83818	84464	0//13	11608	30303	28208
K	99449	70159	09064	83610	97502	29016	874//	00714	87712	/////	0//16	11703	30000	30803
M	99660	10020	09064	72016	97158	96210	4946/	00714	84912	/////	05109	11159	30202	19505

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40073

Date of Issue Tuesday 10 August 1971

Code FM 11.D OBSERVATIONS at 12h. 9 August 1971

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	72509	74015	20619	754//	15714	82712	87615	
Hurn	862	72310	89015	21519	784//	15819	82812	86616	
Thorney Island	871	82510	64022	21718	854//	15714	84710	85714	88620
Manston	797	82214	59022	20918	864//	15707	88712		
Gatwick	776	82511	56022	21418	864//	16814	88710		
Kew	775	72108	62022	20419	754//	15817	87616		
Heathrow	772	82310	65025	20720	854//	15714	86616	88625	
Honington	586	82310	62032	18620	854//	16716	85619	88625	
Wattisham	590	72512	62022	19119	754//	15716	87615		
Gorleston	497	72110	58052	18619	764//	16816	87718		
Aberporth	502	72612	80025	19617	78432	15714	85818	84640	85359
Ross-on-Wye	627	52512	82021	18823	41640	12616	84830		
Filton	628	72516	64205	20419	754//	16713	82710	84715	85620
Rhoose	715	82615	50505	20817	871//	17711	83702	85703	88704
Chivenor	707	82512	35536	21218	872//	17115	84703	88705	
Mount Batten	827	72410	62026	22417	754//	16709	82710	87625	
St. Mawgan	817	82615	50055	22018	860//	16817	81701	83703	88705
Scilly	804	92309	04515	22716	9////	16717	89/00		
Culdrose	809	82810	56205	22817	852//	16716	83703	85705	88610
Guernsey	894	72408	70025	23617	752//	15817	82703	83708	86614
Elmdon	534	62315	80015	17923	58631	15718	85830		
Cardington	559	62214	62035	19022	685//	16715	86825		
Wittering	462	52514	82012	18222	41530	14710	84823		
Watnall	354	72810	82032	17720	4857/	14608	83823	86365	
Shawbury	414	72517	83022	18220	5857/	13611	83824	84650	87359
Finningley	360	82808	64012	17619	3857/	13807	82828	85360	88465
Kilnsea	396	82712	61808	16819	2957/	16710	82920	88360	
Leeming	257	72612	85022	16618	3567/	10706	83632	87363	
Tynemouth	262	62614	81022	14918	21631	12714	82835	85360	
Carlisle	222	62515	83012	15517	48502	12712	83825	85075	
Valley	302	82616	83212	19017	2552/	12708	82620	88464	
Ringway	334	82811	66256	17917	5842/	13809	84814	88462	
Squires Gate	318	72817	80025	18317	28432	12709	81818	86070	
Ronaldsway	204	52414	82016	17617	11482	13813	81714	83070	
Mull of Galloway	131	62113	78022	16215	11502	13711	81825	85070	
Eskdalemuir	162	52518	80012	14415	58502	08711	82822	83630	
Prestwick	135	62511	76031	15116	6844/	11806	81816	85822	
Abbotsinch	140	52522	75158	13617	5853/	11808	83822	83645	
Leuchars	171	22720	82151	11117	28500	09719	82825		
Dyce	091	72518	80251	09317	786//	09715	81830	84642	
Lerwick	005	72328	66258	01213	753//	11721	84708	86640	
Wick	075	62522	82028	06215	5853/	10714	82820	84640	85359
Sule Skerry	010	52630	74028	03314	535//	11717	85920		
Cape Wrath	049	72318	81032	04613	785//	10707	85820	87625	
Stornoway	026	52526	82018	07615	52500	10803	85822		
Benbecula	022	32520	70038	10216	18431	11704	81816		
Tiree	100	62618	70158	12816	684//	13705	82814	85656	
Aldergrove	917	62515	80012	16418	58401	10713	83818	84640	
Malin	980	32518	75258	15416	38400	13707	82817	83640	
Belmullet	976	52612	82032	17416	584/2	12710	83716	83821	
Birr	965	72208	80032	18418	785/2	13721	85821	85640	85070
Dublin	969	72609	82016	18317	4247/	11713	81715	83821	85360
Shannon	962	82411	80216	18817	7847/	13717	82715	84625	86650
Roches Point	952	82112	80031	19616	1547/	14719	81710	88459	
Valentia	953	81707	62506	18916	864//	15825	86710	88640	

OBSERVATIONS at 18h. 9 August 1971

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	82213	74022	16319	854//	16722	88614		
	862	72112	70032	17618	784//	15720	81815	87622	
	871	82311	75026	17518	883//	15722	83809	87610	88625
	797	21912	66011	16719	25400	16723	82618		
	776	82110	63031	17319	863//	16720	82709	88712	
	775	72207	62022	16320	755//	16720	83620	87632	
	772	72307	63025	16321	755//	16721	83625	87635	
	586	72308	66031	14822	6863/	14717	81835	86656	
	590	12410	75026	15021	11631	15721	81830		
	497	72309	61032	14823	7097/	15717	87360		
	502	81906	62602	15815	5742/	13722	85710	88530	
	627	72106	77022	15319	786//	14818	83830	87635	
	628	72711	82032	16519	785//	15720	82825	87640	
	715	62811	75015	16117	3537/	14726	81707	83656	
	707	82709	74035	16418	853//	16828	81709	84712	85618
	827	82210	61032	17517	853//	16729	86708	88620	
	817	82508	64032	17218	853//	16728	85706	88611	
	804	82208	24505	17617	872//	16729	88703		
	809	82710	01515	17816	860//	16729	84700	83702	88703
	894	62408	80031	19016	66200	15832	82703	85706	
	534	73108	64212	15019	2857/	13713	81825	86358	87460
	559	52313	66031	15222	38540	13718	82825	83635	85365
	462	73207	82602	14920	5467/	14813	82835	84650	87460
	354	72807	66026	15018	2567/	14716	82640	84360	87462
	414	72602	82218	15317	4857/	13720	81822	84656	85360
	360	72810	66012	15119	38638	12715	81830	83656	85362
	396	72914	63038	14718	1257/	11713	81820	87360	
	257	72511	85031	14617	14635	11711	81635	87075	
	262	62915	74022	13218	48641	13607	82830	84635	
	222	72710	80252	13716	6847/	12607	81715	83825	85645
	302	81309	82026	15215	1547/	13724	81618	88460	
	334	72706	75028	15217	6547/	10816	86618	83650	87360
	318	72511	82022	15416	18576	12717	81822	87273	
	204	72007	81031	14615	48476	13717	81816	84645	87270
	131	82411	80031	13815	12507	13608	81825	88270	
	162	62612	78012	13115	685//	08806	82824	85630	
	135	72408	81028	13515	684/2	11609	81818	85648	
	140	72613	75038	12416	7853/	11608	83822	85645	
	171	62712	83028	10916	686//	09802	82830	86650	
	091	22620	84018	08617	28600	07802	81830		
	005	72524	62258	00211	783//	10203	83707	86814	
	075	62714	70258	06713	684//	11208	81817	84822	
	010	62637	64808	04013	634//	11207	84915	86625	
	049	52736	81012	05112	2357/	11204	82920	85360	
	026	72618	82022	08314	745//	10201	83822	85630	
	022	72716	80038	10114	784//	10604	82818	86640	
	100	72614	70258	11714	734//	11607	81915	83818	87650
	917	72707	82031	13617	38502	10712	81822	83640	87070
	980	72410	75258	13714	784//	13608	84816	87650	
	976	52908	81012	14616	46432	12810	82718	83822	
	965	80000	59505	14814	864//	13819	88710		
	969	82407	68606	14315	864//	14716	85713	87625	
	962	80106	57586	14314	872//	13721	83704	86707	88710
	952	81001	35635	13716	861//	16734	88702		
	953	80208	56606	13315	863//	14728	86706	88628	

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	97231	017	id_o	+
	862	97210	035	id_o	+
	871	97210	018	ir_o	+
	797	00210		+	+
	776	00220	017	+	+
	775	00221	019	+	+
	772	97231	022	d_o	d_o
	586	00230		+	+
	590	97231	054	ir_o	+
	497	97240	026	+	pr_o
	502	08172	007	ff	r_oRRdr
	627	92241	066	+	r_o
	628	97210	033	d_o	+
	715	94191	019	id_o	id_oir_o
	707	97191	003	d_od_od	id_o
	827	97181	001	d_o	d_od_o
	817	91191	014	d_od_o	id_o
	804	92181	003	d_od_o	id_off
	809	01181	000	id_o	$id_od_od_oiFff$
	894	91181	027	d_od_off	ff
	534	02241	044	+	$ir_or_or_orR$
	559	00240	057	+	+
	462	95251	029	+	r_or
	354	97210	003	+	r_o
	414	01211	012	pr_o	pr_oir_or
	360	00210	007	+	+
	396	97200	001	pr_o	+
	257	00191	035	+	+
	262	00191	063	+	+
	222	97181	069	+	pr_o
	302	03181	010	ir_o	r_or_orr
	334	97181	016	pr_o	+
	318	97181	040	+	ir_o
	204	97180	061	+	ir_o
	131	00160			
	162	00171	072	+	+
	135	97181	083	pr_o	+
	140	96181	044	pr_opr	pr_o
	171	97191	043	pr_o	+
	091	97211	091	pr_opr	+
	005	02141	046	pr_o	pr_o
	075	01171	055	pr_o	pr_o
	010	93151			
	049	00131	032	+	+
	026	93161	068	$prpr_o$	pr
	022	01161	073	pr_o	pr_o
	100	93161	053	pr_opr	pr_opr
	917	00190	077	+	+
	980	9617	067		
	976	0018	082		
	965	9118	003		
	969	9219	015		
	962	0918	001		
	952	1117	022		
	953	2217	000		

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

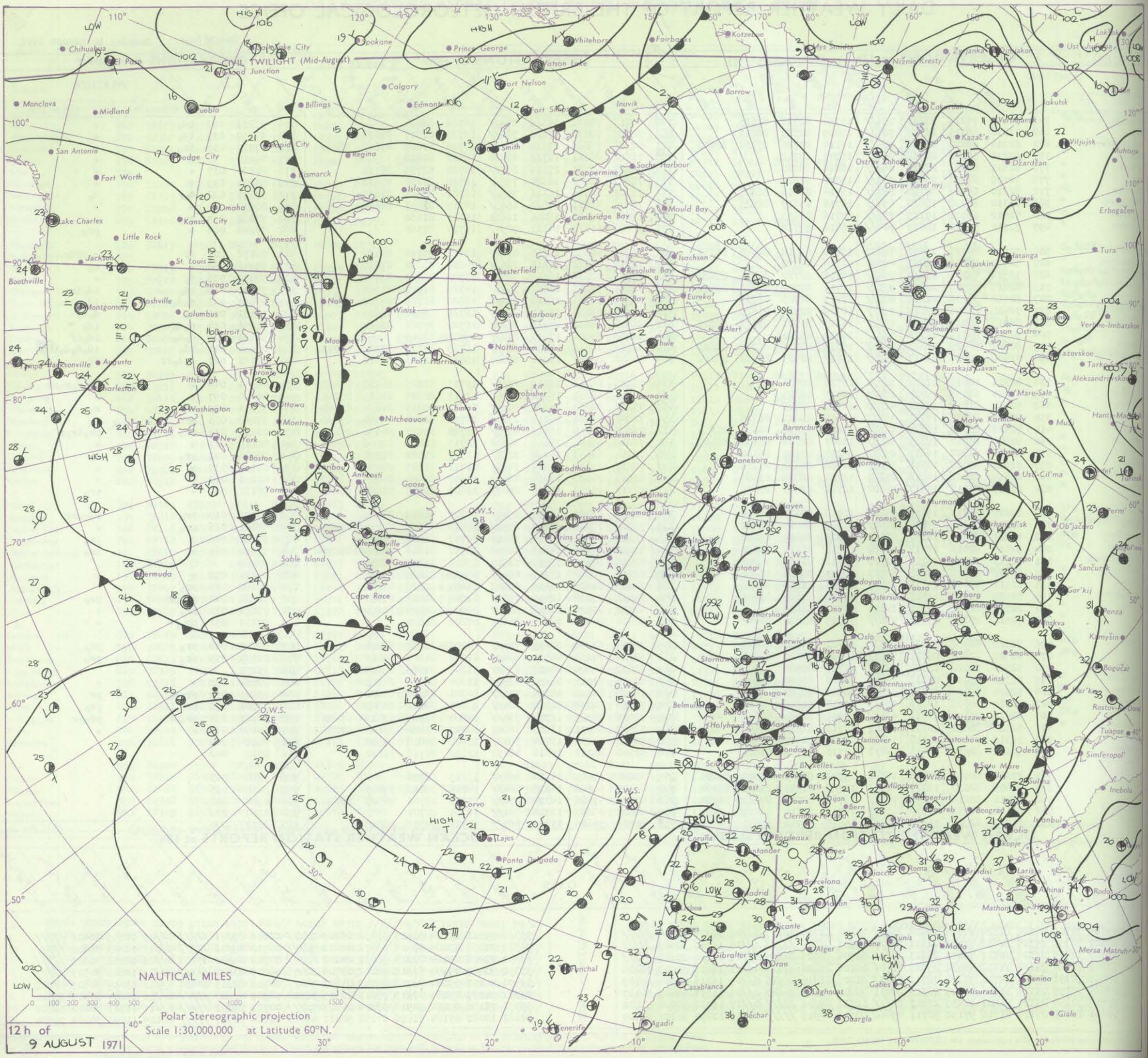
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70509	09124	81320	97025	10408	2641/	00824	82710	88457	0//08	10878	30504	/////
C	99527	70355	09124	82612	97028	22612	884//	00101	86815	/////	0//10	11140	30503	/////
D	99439	70409	09124	42117	98021	25623	25531	00704	82625	84359	0//21	12160	30605	/////
E	99349	70480	09124	71818	98032	25826	32506	00106	83820	870//	0//23	12606	30503	14604
I	99589	70191	09124	72720	97258	08311	7343/	61205	81710	85915	0//09	11316	30604	27109
J	99524	70199	09124	53016	98205	20915	48401	00500	81818	84640	0//09	11571	30403	30107
K	99453	70156	09124	93407	92455	27817	9////	11712	89/02	/////	0//17	11732	30000	30802
M	99661	10021	09124	61716	97158	92711	49468	00715	84915	/////	00009	11090	30202	99504

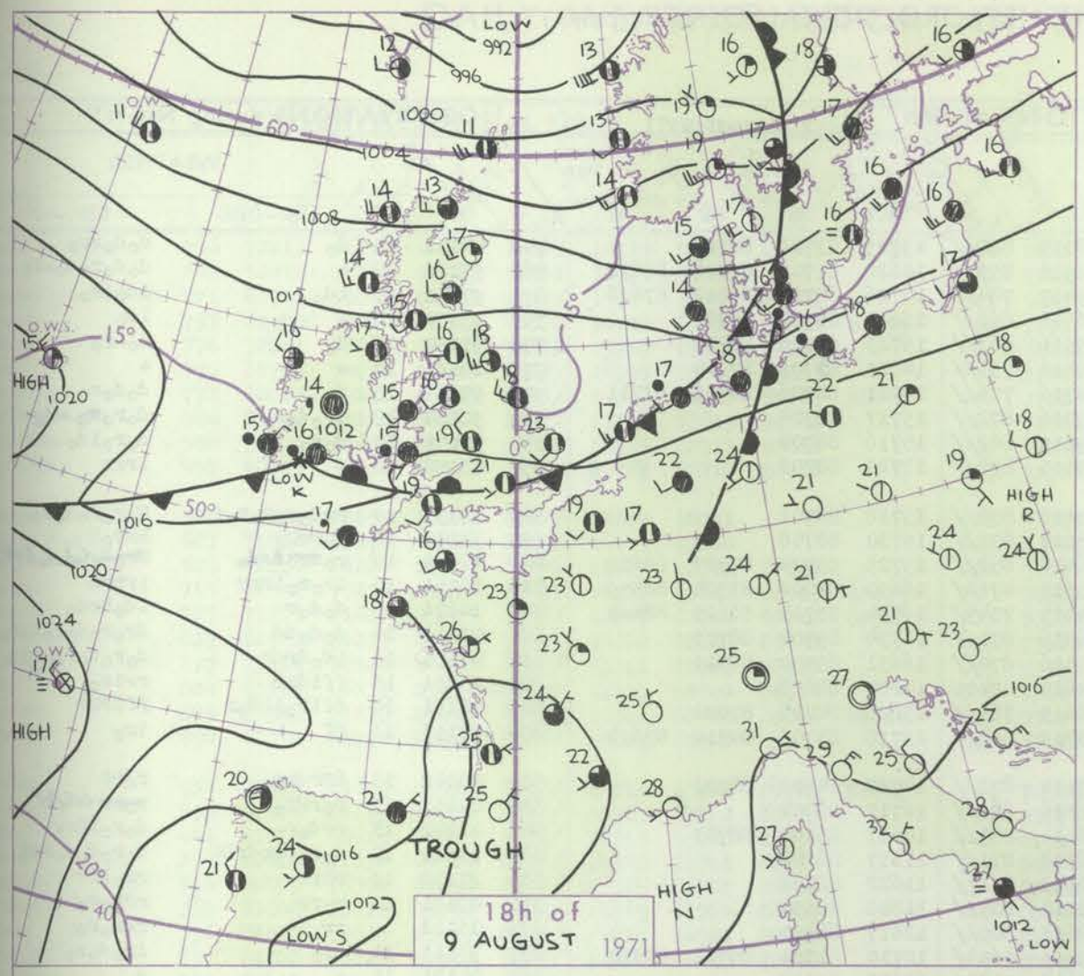
OCEAN WEATHER STATION REPORTS at 18h.

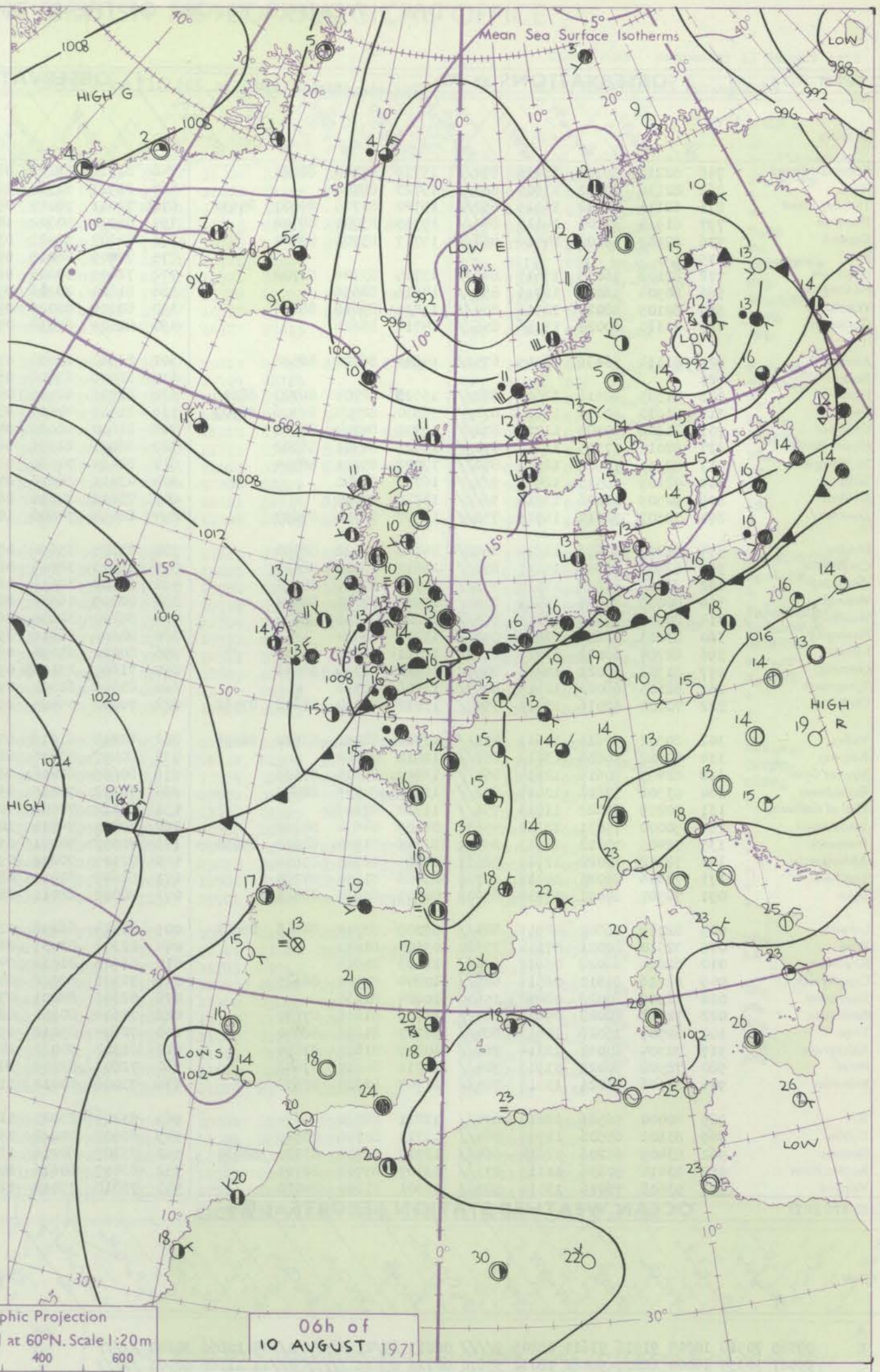
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99566	70511	09184	91815	91456	06809	9////	00816	89/01	/////	0//09	10855	30402	/////
C	99527	70355	09184	92406	93472	20812	9////	00710	89/02	/////	0//12	11203	30402	/////
D	99441	70408	09184	72019	98031	24022	6557/	00710	86620	87358	0//21	12158	30605	/////
E	99350	70480	09184	71818	98022	25726	32472	00607	83820	/////	0//23	12608	30503	/////
I	99590	70193	09184	72718	97258	07811	784//	00708	83815	86630	0//10	11294	30503	29908
J	99523	70197	09184	32915	99011	20615	31500	00302	83820	/////	0//11	11604	30403	30010
K	99452	70156	09184	92910	93474	24317	9////	00721	89/01	/////	0//17	11721	30000	30802
M	99662	10022	09184	61816	97158	90811	49462	00604	84917	/////	00109	11095	30202	99504

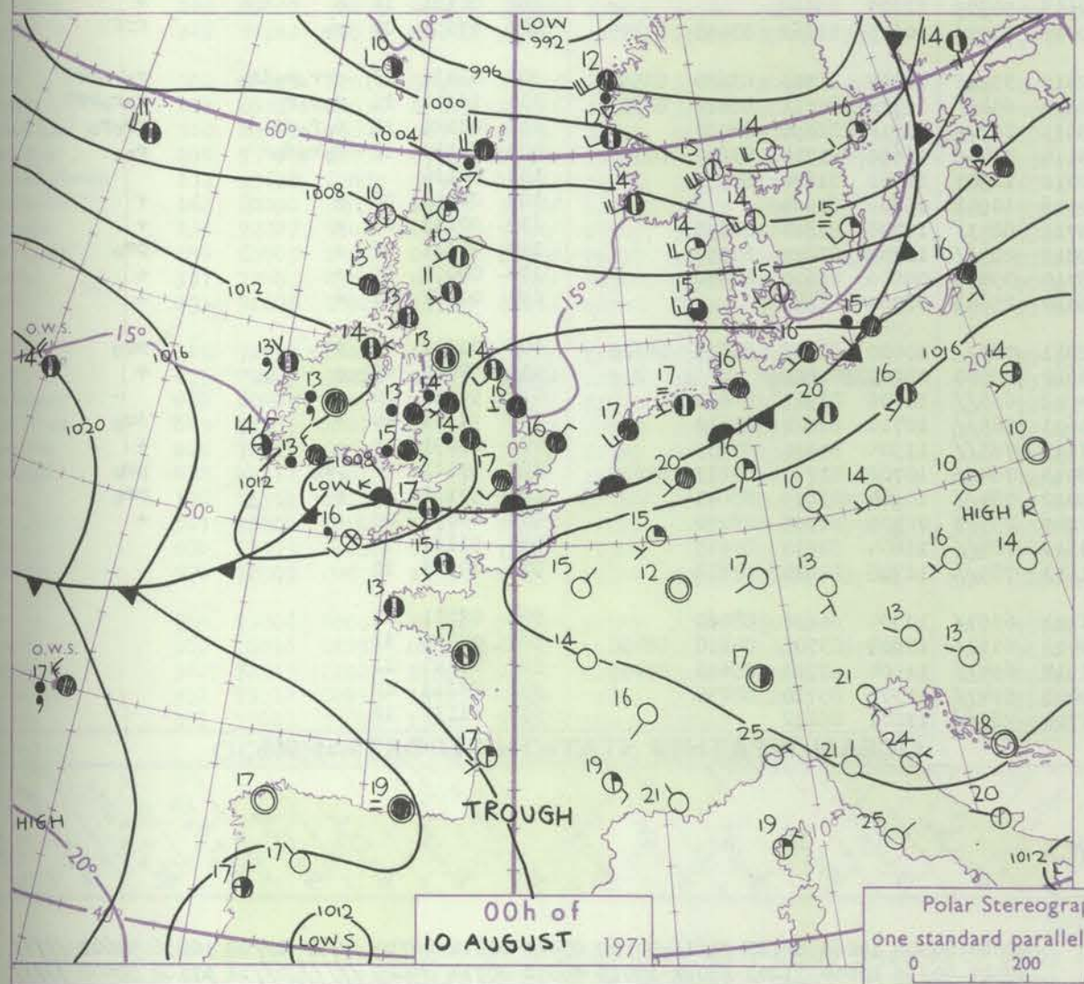
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 10** August 1971

A marked pressure fall occurred over a wide area of Britain and northwest Europe during the past 24 hours. A small frontal wave which had been moving eastwards towards southern Ireland slowed down and began to deepen more rapidly overnight as it approached Pembrokeshire. The European anticyclone continued to decline but the Azores anticyclone persists unchanged, During the next 24 hours the depression will move across the Midlands and away to the German Bight and a north-westerly gradient will develop over Britain for a short time before the approach of further low pressure systems from the Atlantic.

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

Code FM 11.D

OBSERVATIONS at 00h. — 10 August 1971

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	82210	59102	13416	852//	15719	87704	88620	
Hurn	862	82110	70022	13917	863//	15723	88708		
Thorney Island	871	62111	74012	14516	652//	15720	82705	84707	85630
Manston	797	81914	32101	14115	860//	15715	83701	88702	
Gatwick	776	82109	56102	14416	862//	15717	83703	88704	
Kew	775								
Heathrow	772	82108	56035	13617	863//	15719	83706	88708	
Honington	586	80904	56022	12716	857//	14816	88656		
Wattisham	590	82105	58022	12916	854//	15815	83618	88656	
Gorleston	497	80310	60022	13116	855//	14714	88625		
Aberporth	502	81314	58636	09515	6742/	14848	86710	88528	
Ross-on-Wye	627								
Filton	628	81505	48516	12616	852//	15725	82704	86707	88615
Rhoose	715	81610	50616	11816	872//	16830	82704	85706	88709
Chivenor	707	81808	40505	11717	872//	16731	84704	88708	
Mount Batten	827	82011	17515	13216	870//	16729	84701	88702	
St. Mawgan	817	82111	17505	12517	870//	17728	85701	88704	
Scilly	804	92109	08515	12416	9////	16731	89/00		
Culdrose	809	92509	02606	13316	9////	16728	89/00		
Guernsey	894	72307	70014	15515	752//	15827	82705	87627	
Elmdon	534	81402	50656	12814	6552/	14720	86622	88540	
Cardington	559	82406	48656	13217	854//	16617	85710	88622	
Wittering	462	83205	58636	13114	5732/	14714	85706	88517	
Watnall	354	80000	40596	13014	7742/	13815	87712	88523	
Shawbury	414	80707	19636	12013	853//	12823	83706	88618	
Finningley	360	83003	48636	13014	856//	13711	88644		
Kilnsea	396	82704	66022	12716	2257/	12711	82820	88460	
Leeming	257	81302	69022	12413	8097/	12810	83359	88462	
Tynemouth	262	82605	66022	12415	8097/	13606	88358		
Carlisle	222	70000	62016	12013	3547/	13712	81714	83628	87462
Valley	302	80502	59616	11613	4512/	13726	82702	83620	88556
Ringway	334	80502	56636	13013	857//	12812	88650		
Squires Gate	318	82407	80616	12614	854//	13818	85614	88636	
Ronaldsway	204	83502	57616	12014	852//	13715	84703	88643	
Mull of Galloway	131	70209	80022	11713	756//	11712	87645		
Eskdalemuir	162	50000	74031	12310	45630	08609	84632	84362	
Prestwick	135	72405	70012	11913	65431	12706	81714	84618	85650
Abbotsinch	140	72402	70022	11511	58531	10605	81825	85656	
Leuchars	171	72406	82021	10411	15738	09606	81650	87280	
Dyce	091	72507	84031	09310	65602	08705	81635	86645	
Lerwick	005	82719	66802	02911	884//	08108	83710	84815	88623
Wick	075	32510	80021	07111	35500	09603	81625		
Sule Skerry	010	62824	66028	05912	634//	11203	86915		
Cape Wrath	049	62716	81012	06511	685//	10204	84820	86625	
Stornoway	026	12305	80028	08410	15630	10204	81635		
Benbecula	022	72611	80028	09613	784//	11706	81816	87637	
Tiree	100	82709	75028	10613	884//	11707	81818	88640	
Aldergrove	917	70704	80022	12314	785//	10807	81824	87650	
Malin	980	72508	80022	11913	784//	12711	84817	87648	
Belmullet	976	73106	76021	13513	784//	11707	82718	87638	
Birr	965	80000	56586	12613	874//	12811	88710		
Dublin	969	83102	65506	11913	864//	13713	85716	88625	
Shannon	962	83409	65206	12614	864//	12710	83710	83720	88630
Roches Point	952	83414	50636	11113	873//	13707	85706	88711	
Valentia	953	53608	75016	13514	58502	11601	81820	84070	

OBSERVATIONS at 06h. — 10 August 1971

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	81911	56205	08015	860//	15725	83701	88702	
862	81913	62585	08916	853//	14622	81706	87708	88612
871	72011	74015	09417	784//	14726	84710	85812	87618
797	81910	50502	10515	862//	15613	85703	88704	
776	82107	62025	09316	863//	15723	87706	88712	
775	72009	66012	08616	753//	14825	83709	87614	
772	72009	59205	08716	773//	14721	82706	86708	87711
586	81806	28206	09016	872//	15717	88704		
590	82109	40026	09115	862//	15716	88704		
497	81105	24616	09115	872//	15720	88703		
502	83510	13656	05115	870//	15718	88701		
627	81506	63606	05517	873//	16730	88708		
628	81709	62616	06416	852//	15725	85704	87707	88615
715	81612	40656	05517	4712/	16630	81702	83704	88559
707	81810	62636	04917	7547/	16734	83711	86625	88461
827	82021	22586	06516	871//	16734	85702	88705	
817	82414	04586	05516	870//	16631	85700	88701	
804	43111	66216	07815	42400	14207	84818		
809	73212	80216	06615	783//	15626	84706	87622	
894	82014	74606	10715	853//	15718	83708	84710	87614
534	81305	35656	07114	871//	14722	84702	88703	
559	81903	32616	08316	862//	16717	88704		
462	83502	32616	08414	871//	14617	85702	88703	
354	80409	16516	08712	871//	11617	88702		
414	80409	32656	06813	871//	11622	88702		
360	80605	56616	09212	8072/	11808	88550		
396	80000	61636	09613	8092/	12617	88460		
257	71602	23106	09413	5603/	12710	81700	85701	87360
262	60000	61022	09613	50979	12607	85358		
222	70000	04424	09710	30976	10615	81362	83465	87275
302	80414	61616	07413	3522/	12717	81703	83620	88559
334	80407	57636	08112	6542/	11722	81712	86618	88557
318	80606	60016	08913	2577/	12714	82650	88460	
204	70102	70215	09114	48432	11610	81714	83640	87360
131	80112	74022	10012	12507	11702	81820	88275	
162	10000	74011	10306	10941	05606	81364		
135	70000	70051	09711	6843/	10708	81814	86645	
140	72104	70012	09213	2853/	11708	81820	87359	
171	52607	82011	08710	35608	09606	81630	83656	
091	20000	88011	08010	25602	08704	82640		
005	72514	66258	02811	783//	10400	82706	85816	86625
075	22303	83031	06610	28500	08502	81820		
010	62513	81018	04912	635//	10706	83925	86630	
049	72311	82022	05611	785//	10710	83820	87630	
026	72308	84021	07111	785//	11504	81820	87635	
022	72614	80158	08013	784//	10706	81711	83817	87635
100	72604	85012	09012	784//	10604	81816	87640	
917	61102	70022	10209	25332	08709	81706	86070	
980	72801	82258	10313	784//	11604	82817	87645	
976	73006	80012	11813	785//	11708	81820	87638	
965	83205	75025	11111	6567/	10504	86638	88460	
969	83407	70026	09413	6532/	12608	83708	84630	88458
962	73307	80016	11512	6547/	11504	81713	85656	87459
952	83417	60616	10013	5747/	11302	85710	88458	
953	73610	75018	12714	785//	11201	86822		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_g$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	02151	15	d_o	$d_od_orr_o$
862	97161	15	+	$d_od_or_od_o$-r_o
871	97151	15	id_o	id_oir_o
797	97150	14	+	id_o
776	91150	15	d_o	d_o-r_o
775	00161	16	+	+
772	97161	15	d_o	$d_od_or_o$
586	92151	15	$ir_od_or_o$	d_or_o[illegible]-Y_o
590	92151	15	d_or_o	$d_or_oid_o$
497	03152	16	+	irrr
502	18132	13	$rrd_or_or_or_of$	$RRr_or_od_od_o$
627	33151	16	r_orrR_2	RRr_oR
628	17161	15	$r_od_rrRrd_o$	[illegible]
715	13151	15	ir_or_oirrr	irrrR
707	10171	16	d_od_or	id_oRrd_o
827	03161	16	d_od_odd	$dr_or_od_or_od_or_o$
817	03151	15	id_odrdr	$d_or_od_or_orrir_o$
804	13131	13	ffidrr	$rrir_o$
809	08151	14	$ffir_oiFd_or$	ffirrr
894	97151	13	ff	ir_o
534	23142	13	$RRrdrr_o$	r_orR
559	04151	15	$r_orRr_or_o$	[illegible]
462	23142	13	rrd_or_o	d_or_oDRrr
354	13111	12	$d_or_or_dr_drDR$	$d_or_od_od_orrR$
414	27152	12	rRrr	rr_oRrr
360	09121	12	r_orr	rrr_or_o
396	05132		rr	rrr_or_o
257	97111	11	ir_o	$ir_od_or_o$
262	00121	11	+	+
222	97091	07	r_o	ffFF
302	08131	13	$rrr_or_oir_o$	r_or_orr
334	13111	11	r_or_or	r_or_orrR
318	03121	12	r_or_orr	rr_or_o
204	94130	12	$r_or_od_o$	r_o
131	00110			
162	00051	03	+	+
135	00111	05	+	+
140	97111	07	+	pr_o
171	00071	05	+	+
091	00081	02	+	+
005	01101	09	pr_o	pr_o
075	00080	05	+	+
010	96110	10		
049	91101	10	+	ir_o
026	00091	09	+	+
022	93111	10	pr_o	pr_o
100	97111	11	+	pr_o
917	00091	05	+	+
980	91121	12		
976	00121	10		
965	02101	10		
969	02121	12		
962	01121	11		
952	24111	12		
953	01131	12		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	10004	91916	93614	03809	9////	00813	89/01	/////	0//09	10856	30604	/////
C	99527	70355	10004	62205	98022	18012	55670	00716	85635	/////	0//11	11186	30503	/////
D	99441	70407	10004	82124	97252	23723	884//	00705	84810	88625	0//21	12173	30505	/////
E	99350	70479	10004	51820	98018	25425	28431	00604	82815	83359	0//23	12588	30503	/////
I	99590	70190	10004	72720	98258	07011	784//	00704	85815	85630	0//09	11291	30504	26908
J	99523	70196	10004	72818	98011	20114	755//	00805	87628	/////	0//12	11571	30504	30007
K	99452	70156	10004	83115	92585	21617	8012/	00714	88501	/////	0//17	11712	30604	/////
M	99660	10020	10004	61403	97258	89110	59478	00605	85915	/////	05208	11154	30000	99504

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70508	10064	82110	96616	00609	6742/	00812	86710	/////	0//09	10856	30603	/////
C	99527	70355	10064	71203	98022	15013	45572	00714	84625	/////	0//11	11182	30402	/////
D	99438	70410	10064	82129	97022	21523	854//	00610	88610	/////	0//22	12170	30606	/////
E	99351	70479	10064	71922	98022	23625	38438	00618	82815	862//	0//22	12586	30604	/////
I	99590	70188	10064	62917	97258	05410	58401	00506	83814	/////	0//08	11289	30504	26908
J	99526	70198	10064	82922	98032	17314	884//	71617	83818	88625	0//11	11568	30504	29807
K	99451	70156	10064	70115	98015	20016	754//	00504	87611	/////	0//15	11714	30501	30804
M	99660	10020	10064	40000	97152	89910	39561	00206	83925	/////	05209	11167	30000	99505

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40074

Date of Issue Wednesday 11 August 1971

Code FM 11.D — OBSERVATIONS at 12h. — 10 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	72115	66216	04316	762//	16719	83703	86705	87710
Hurn	862	52412	70216	05317	51501	16720	85020		
Thorney Island	871	81913	39642	06317	853//	15714	86707	88620	
Manston	797	81509	56605	07317	4537/	16717	82707	84612	88359
Gatwick	776	72011	58216	06517	753//	15719	85708	87625	
Kew	775	81709	74026	05818	884//	14720	85816	88635	
Heathrow	772	82012	65016	05819	7847/	14720	82816	86621	88459
Honington	586	81912	61026	06219	3147/	15717	83819	88362	
Wattisham	590	82107	58606	06318	854//	15717	82711	88618	
Gorleston	497	82011	58056	07019	6642/	15717	86710	88456	
Aberporth	502	83425	28654	02912	870//	12607	88701		
Ross-on-Wye	627	71806	63256	01418	725//	16619	87820		
Filton	628	42014	80206	02319	42300	16823	82708	84820	
Rhoose	715	32522	75256	01618	23401	14713	81812	81915	83075
Chivenor	707	72615	61628	03615	793//	13307	83708	85712	82915
Mount Batten	827	62920	80256	05218	58501	14602	82820	85640	
St. Mawgan	817	83318	66026	06515	863//	13311	82708	88710	
Scilly	804	63119	66031	09716	68500	13213	82820	86626	
Culdrose	809	73518	72808	06616	784//	13302	82710	83816	86624
Guernsey	894	62314	66016	08316	662//	15607	86704		
Elmdon	534	81512	60615	03316	873//	16719	85706	87709	88711
Cardington	559	81904	60616	05517	854//	16717	84712	88625	
Wittering	462	81810	58616	05017	6522/	16715	85703	88550	
Watnall	354	80610	11636	04714	870//	14720	85701	88702	
Shawbury	414	80409	16596	02813	871//	13825	86702	88703	
Finningley	360	80508	23636	06013	872//	13719	85704	88707	
Kilnsea	396	80917	58636	06913	4742/	13714	84710	88460	
Leeming	257	81702	58626	07415	884//	13711	84818	88650	
Tynemouth	262	60000	74031	08415	30976	13609	83360	86275	
Carlisle	222	70202	80034	07418	18578	10814	81822	83465	85270
Valley	302	80123	62616	06114	6532/	13610	82706	84710	86620
Ringway	334	80312	30636	04613	7532/	12822	82708	86616	88545
Squires Gate	318	80612	70606	06315	3847/	13714	81815	83650	87359
Ronaldsway	204	73409	82032	07816	18438	11805	81814	84364	87272
Mull of Galloway	131	73611	80032	07915	1257/	12816	81825	87360	
Eskdalemuir	162	80000	82031	07914	885//	07609	81828	88635	
Prestwick	135	72807	81022	08416	784//	08707	81816	87649	
Abbotsinch	140	83009	84038	08015	885//	08607	82822	84634	88656
Leuchars	171	72405	85022	07617	785//	08706	82828	87656	
Dyce	091	71608	86022	07115	6853/	08706	83825	85650	
Lerwick	005	72418	80038	03213	783//	11302	81706	85816	
Wick	075	72405	80251	06213	7847/	11703	81817	84822	85640
Sule Skerry	010	62409	82028	05413	685//	11205	83825	86630	
Cape Wrath	049	72305	82026	05612	3257/	11702	83820	87360	
Stornoway	026	72411	81606	06514	784//	10704	87810	87626	
Benbecula	022	42512	83018	07315	48400	11806	81812	83817	
Tiree	100	72910	86158	08215	734//	10504	81915	84822	86632
Aldergrove	917	73204	80808	09115	784//	10806	82713	84818	85650
Malin	980	72907	89038	09415	784//	10705	83817	86645	
Belmullet	976	72908	80258	11315	734//	13804	81718	83921	87640
Birr	965	73206	80032	10316	785//	10707	85821	86640	
Dublin	969	83410	81032	08814	6857/	11605	82820	86635	87458
Shannon	962	72915	82022	11317	785//	12705	83826	87650	
Roches Point	952	73512	80036	10716	48401	09603	83815	86067	
Valentia	953	73008	75008	13216	735//	13201	87822		

OBSERVATIONS at 18h. — 10 August 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
746	82413	74508	02015	854//	11504	83710	88612	
862	72414	75031	03816	754//	11602	84712	87622	
871	52119	80036	03117	48400	12717	84615		
797	71911	70016	04716	782//	16815	81703	83706	86708
776	72112	80036	03217	784//	14718	83817	87624	
775	31812	81016	02018	22531	13721	82824		
772	31814	81016	01919	28532	13721	82820		
586	71611	58216	02417	753//	15720	82708	85628	86656
590	81809	48586	03016	852//	16718	83705	85708	88615
497	81716	48216	03517	854//	16722	88615		
502	73323	80256	06112	3847/	09219	81812	83645	87460
627	83208	57601	99816	874//	13704	88710		
628	72611	66038	00916	755//	12502	87620		
715	72922	66218	03013	774//	10221	81710	86715	
707	73317	74806	06813	7847/	11218	83717	85824	86630
827	73123	74028	08215	58372	11213	83809	85650	
817	73215	80258	09115	58432	11109	81710	84815	86360
804	43114	81031	11116	48500	12204	82823		
809	73416	80028	09816	58432	10313	81714	83820	
894	62917	80031	08415	683//	13304	81709	86640	
534	72508	61959	99519	6946/	13615	82910	85636	
559	51811	78016	00819	42508	13623	82820	83825	
462	61510	74016	01018	12532	15720	81820	86075	
354	61007	62156	00517	633//	17719	85708	84825	81925
414	83320	40299	01313	872//	12304	83703	88705	
360	80708	28586	01714	871//	14722	88702		
396	81016	32616	02415	5742/	14722	85710		
257	80109	28636	04813	5722/	12609	82703	83705	88530
262	60511	74022	06014	6097/	13712	86358		
222	70707	80022	05416	785//	10606	81825	87645	
302	83614	66616	06413	4532/	12102	81706	84630	88556
334	70209	62216	01614	6533/	12610	81708	86618	
318	80110	50636	04613	853//	13504	82708	85615	88630
204	73212	82022	06214	18582	09704	81825	85359	85465
131	63416	84022	06715	1258/	11603	81825	86360	
162	73507	80032	05615	756//	08607	87630		
135	73107	82022	06615	68431	09608	81818	83650	85656
140	72808	86022	06215	786//	09608	81830	83640	87645
171	72805	86022	05917	786//	10708	81830	87650	
091	71602	82022	05815	785//	09706	82822	85626	87638
005	72413	82018	03811	784//	10001	81815	87635	
075	73306	70158	05813	785//	10301	81820	85625	87640
010	72409	66808	05012	735//	11703	87915		
049	72305	85022	05312	785//	11705	84820	87630	
026	72611	84258	05913	785//	11704	85822	87640	
022	72509	82258	06414	784//	10710	81818	87635	
100	72504	85018	07114	784//	11607	81816	87642	
917	63507	89028	07515	685//	11605	81825	86645	
980	73010	86028	08014	784//	11607	82818	87645	
976	82609	84258	10014	7843/	11806	87718	83640	
965	73108	80015	09715	754//	10302	83716	87641	
969	70305	88022	07816	785//	11500	82825	87645	
962	82812	86022	10816	886//	12301	83830	88650	
952	73118	81022	10815	784//	10307	82817	87638	
953	73008	78028	12616	785//	12702	82823	87640	

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	04211	046	$r_or_Rr_r_o$	$p_rr_od_o$-r_o
862	05201	056	$r_or_rr_r_o$	+
871	03191	031	r_or_rDR	+
797	02181		$i_ri_rr_or$	r_or_o
776	02191	019	$r_or_or_Rd_r$	r_o
775	02191	031	$i_rr_oY_or_Rd_r$	~~$r_or_Rd_r$~~ +
772	01201	037	d_o-$r_or_od_or_o$	p_rr_o
586	97201		r_o	$i_rr_od_or_o$
590	01191	000	i_rr_o	d_or_o
497	01202	000	$i_rr_or_o$	i_rr_o
502	23141	000	$d_od_od_or_oF_rr_RR$	$r_or_op_rr_o$
627	05211	022	$r_op_rr_o$	$r_or_Rr_rr_o$
628	97211	042	$i_rd_op_rr_o$	r_o
715	97201	031	$i_rr_oi_rd_op_rr_or_o$	$p_rr_or_o$
707	03181	014	$p_rr_op_ri_r$	$i_rr_op_rr_o$
827	97191	073	p_rr_o	p_rr_o
817	02171	016	$i_rr_oi_rp_rr_o$	p_rr_o
804	00190	067	+	+
809	91140	057	p_rr_o	p_rr_o
894	97180	019	i_rd_or	+
534	18202	015	$r_rr_or_or_Rr_Rd_or_o$	$p_rr_otH_RT_IR_rd_or$
559	01201	031	$r_or_oY_rr_o$	r_o-1-p_rr_o
462	06191	007	$r_rd_or_or_or_or_o$	+
354	18171	000	$R_Rr_rr_r_o$	$t_ol_or_rr_od_or_o$
414	17161	000	$r_rR_rd_or_or_rd_rd_r$	$t_ol_oH_Rr_or$
360	12151	000	r_rd_rR	$R_rd_rR_rd_r$
396	07152	000	$r_rr_or_or_o$	$r_or_or_r$
257	19162	001	$r_rr_or_od_or_od_o$	r_or_rRR
262	00161	047	+	+
222	00191	046	+	+
302	08151	000	$r_or_or_r$	$r_rr_or_o$
334	19151	000	$r_rr_or_rr_or_oR$	R_rr_r/r_o
318	16161	001	r_or_or	$r_RR_rr_o$
204	00170	007	+	+
131	00170			
162	00161	021	+	+
135	00170	017	+	+
140	00171	003	+	+
171	00181	035	+	+
091	00161	035	+	+
005	92141	059	p_rr_o	p_rr_o
075	02151	029	p_rr_o	p_R
010	03151			
049	97131	035	i_rr_o	i_rr_o
026	96151	005	$i_rr_rp_rr_o$	p_r
022	91151	023	p_rr_o	p_rr_o
100	92161	022	p_rr_o	p_rr_o
917	91171	026	p_rr_o	p_rr_o
980	9717	026		
976	9117	036		
965	9717	008		
969	0017	005		
962	9718	036		
952	0118	050		
953	0118	026		

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

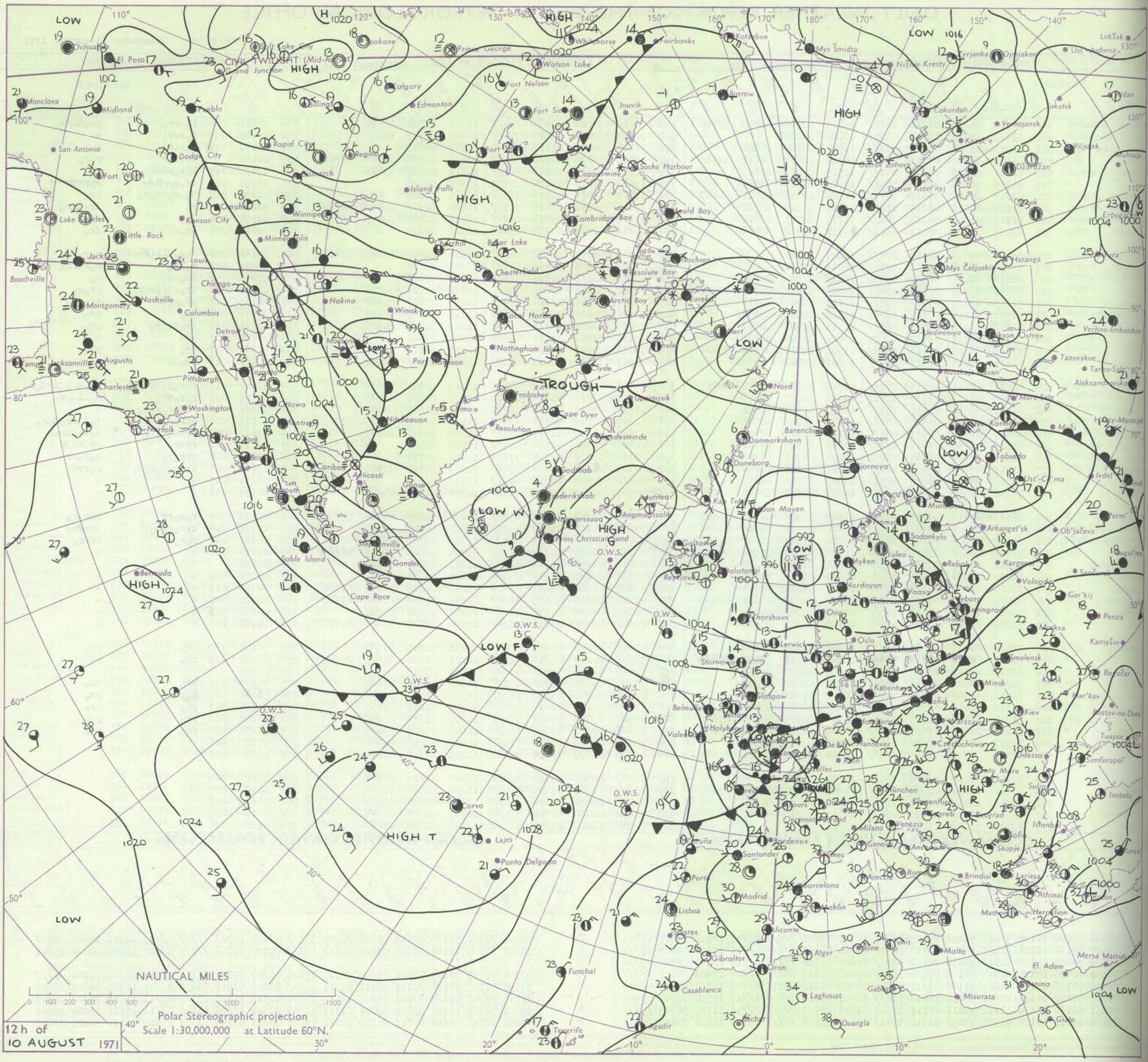
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70508	10124	92816	91456	99309	9////	00602	89/01	/////	0//09	10912	30302	17603
C	99527	70354	10124	80805	98022	13613	8097/	00711	88362	/////	0//11	11164	30000	99/01
D	99439	70407	19124	82312	98258	21123	6842/	00803	83810	/////	0//18	12140	30402	99/06
E	99351	70480	10124	61918	98158	25526	33462	00208	83918	860//	0//22	12606	30604	/////
I	99591	70186	10124	72809	97168	05311	34406	00400	83818	86275	0//08	11282	30502	26006
J	99525	70201	10124	72920	98032	16415	784//	71301	83818	87630	0//11	11590	30504	30907
K	99451	70162	10124	30110	98011	22117	21540	61506	82823	/////	0//13	11725	30603	/////
M	99661	10019	10124	73506	97258	91911	6946/	00212	86912	/////	05110	11181	30000	24605

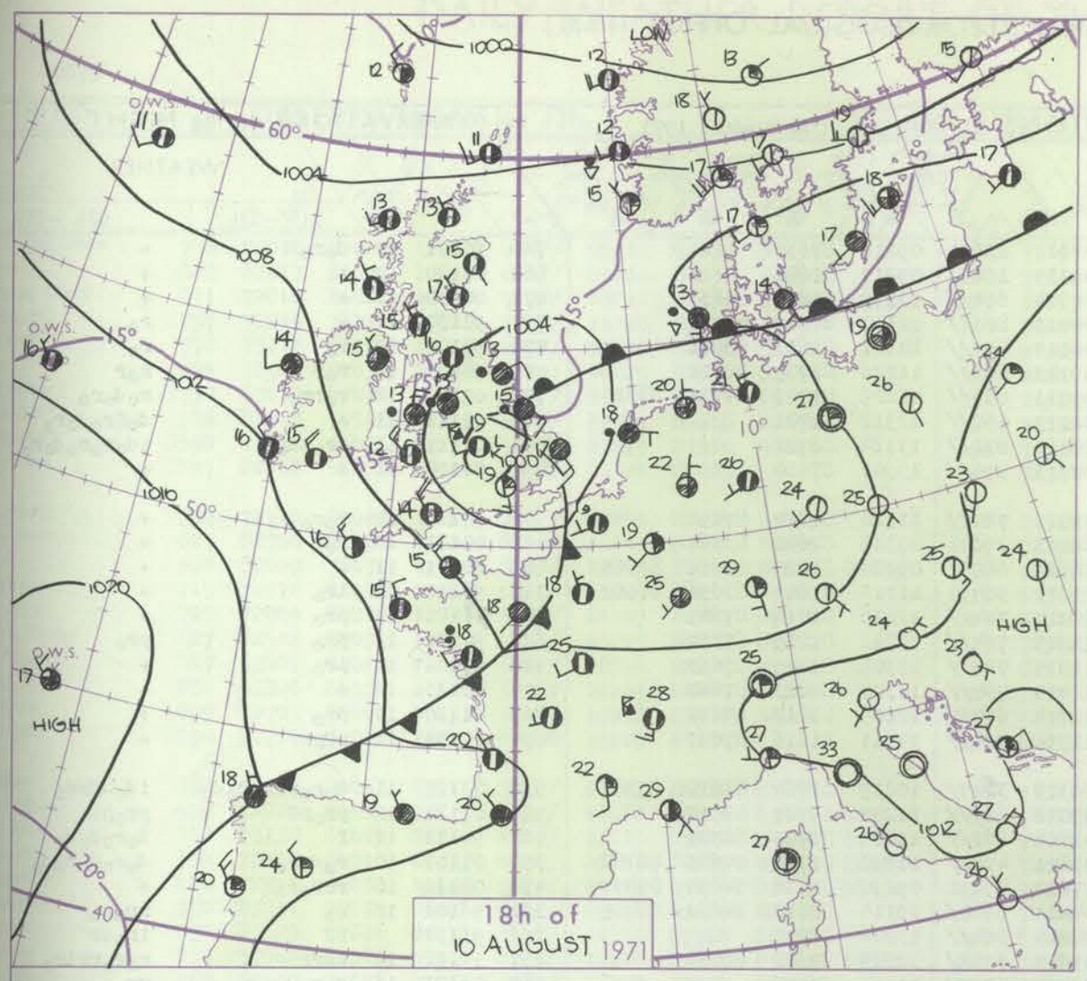
OCEAN WEATHER STATION REPORTS at 18h.

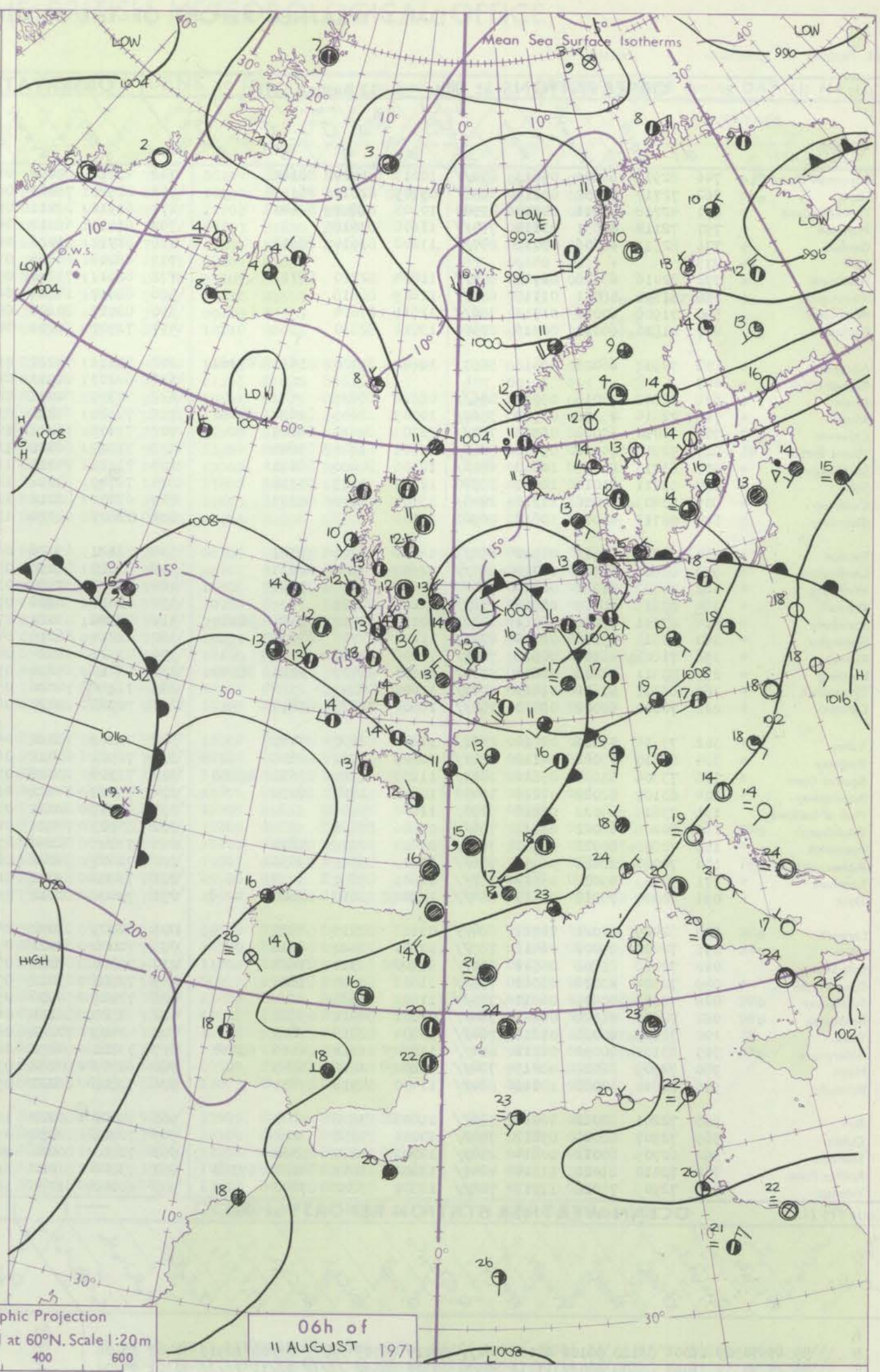
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	10184	82619	97285	99309	862//	00400	88703	/////	0//09	10911	30402	/////
C	99527	70354	10184	80608	97022	10012	864//	00720	88712	/////	0//10	11203	30000	99/02
D														
E	99350	70479	10184	72021	98958	22925	79400	00607	87910	/////	0//22	12588	30704	/////
I	99590	70185	10184	72111	98018	05311	5843/	00802	83818	83630	0//07	11285	30502	27805
J	99524	70201	10184	73007	99012	14415	28571	00712	81820	83560	0//11	11618	30302	26906
K	99451	70162	10184	63206	98031	21017	48540	00604	82826	83650	0//14	11761	30000	36703
M	99661	10018	10184	63313	97152	94211	49660	00213	84944	/////	05109	11194	30101	22605

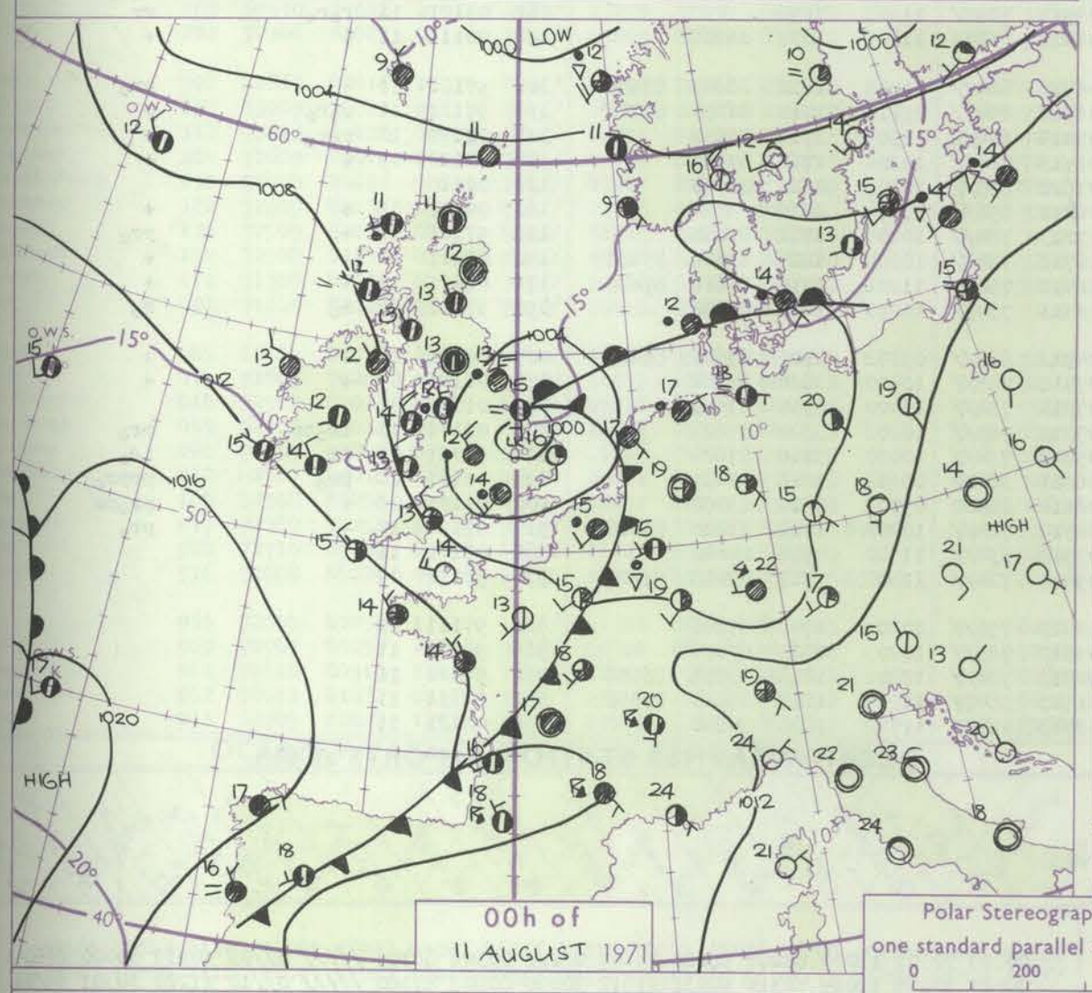
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 11 August 1971

The small but deep depression which developed south of Ireland has moved from south Wales into the southern North Sea during the last 24 hours, with its associated frontal system moving eastwards over England and Wales. A shallow wave depression has transferred eastwards in mid-Atlantic, but a large anticyclone persists near the Azores. During the next 24 hours the depression over the North Sea will transfer northeast into the south Baltic, followed by a weak ridge over the United Kingdom. The mid-Atlantic wave is expected to deepen and to lie off southwest Ireland, with frontal troughs moving into the Southwest Approaches.

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

Code FM 11.D **OBSERVATIONS at 00h.** 11 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82918	66605	04613	854//	10213	86714	88620	
Hurn	862	72717	65032	06114	3553/	09109	82620	86359	
Thorney Island	871	42718	80011	04314	45500	10303	81625	84640	
Manston	797	72112	80031	03114	754//	11608	87618		
Gatwick	776	82515	65606	03013	854//	11802	83614	88618	
Kew	775								
Heathrow	772	82416	65608	01714	874//	11804	82710	88712	
Honington	586	61305	58031	01113	654//	12609	86618		
Wattisham	590	71908	60036	01313	756//	11611	87634		
Gorleston	497	21810	60031	01916	22600	13712	82830		
Aberporth	502	72912	66028	08413	5857/	10107	81820	85630	87360
Ross-on-Wye	627								
Filton	628	82808	74016	05714	856//	08216	88639		
Rhoose	715	72814	75216	06913	5562/	10009	82645	85656	87460
Chivenor	707	73010	69028	08915	784//	12205	84818	86645	
Mount Batten	827	72913	74028	09815	5853/	12001	81825	85640	
St. Mawgan	817	63215	80018	10615	685//	12106	84820	86650	
Scilly	804	53011	81012	12415	25540	12202	82625	85358	
Culdrose	809	53405	82018	11314	2243/	13104	82815	85359	
Guernsey	894	02713	81021	10614	00900	12105			
Elmdon	534	83215	57619	02512	872//	12216	86705	88707	
Cardington	559	81806	66028	00715	835//	12605	84920	88635	
Wittering	462	72502	61031	00514	754//	13605	84614	87635	
Watnall	354	83615	48589	01912	872//	12209	88703		
Shawbury	414	83311	58616	05011	6542/	10114	82710	85628	88459
Finningley	360	83514	59216	02112	872//	11204	83705	88704	
Kilnsea	396	71806	48106	00915	7097/	15608	87360		
Leeming	257	83511	48656	04811	5732/	10803	83707	83712	88540
Tynemouth	262	83411	81612	05413	8062/	12606	88545		
Carlisle	222	70000	80022	05813	755//	10804	81625	87648	
Valley	302	73314	78026	07514	2567/	11207	82630	87459	
Ringway	334	83210	75026	04112	854//	10209	87712	88618	
Squires Gate	318	73506	63636	05812	3547/	11203	81710	83650	87358
Ronaldsway	204	63107	82022	07213	16432	10801	81714	86075	
Mull of Galloway	131	73615	84022	06912	7093/	11802	87365		
Eskdalemuir	162	70205	66022	06112	756//	09806	87636		
Prestwick	135	72802	80022	06913	784//	09604	82815	87650	
Abbotsinch	140	70000	82022	06513	756//	10603	83643	85650	
Leuchars	171	72905	83022	05913	757//	11803	87650		
Dyce	091	80000	70212	06412	854//	10802	83618	88626	
Lerwick	005	82409	82021	04711	884//	09102	82815	88635	
Wick	075	70000	84028	06411	785//	10801	82820	86636	
Sule Skerry	010	72002	81008	05511	735//	11400	83920	87625	
Cape Wrath	049	72304	82026	05511	785//	11802	83820	87625	
Stornoway	026	72306	80608	06211	755//	11801	87628		
Benbecula	022	72507	81028	06611	784//	09601	84812	85630	
Tiree	100	72803	86038	07212	784//	10804	82816	87633	
Aldergrove	917	83102	80032	08212	854//	11804	81712	84616	88650
Malin	980	72909	86028	08213	784//	10802	82818	86645	
Belmullet	976	82810	82032	10113	884//	11400	84716	87635	
Birr	965	72201	80022	10412	756//	11801	87638		
Dublin	969	72907	82028	09012	757//	10001	87656		
Shannon	962	62705	80012	10814	2553/	12701	82625	85360	
Roches Point	952	73010	81022	11514	4847/	12801	81817	84637	87358
Valentia	953	72905	75028	12315	785//	12801	85822	87640	

Code FM 11.D **OBSERVATIONS at 06h.** 11 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	43012	82016	07912	25631	09218	82635		
Hurn	862	22510	75021	09113	15632	09217	81640		
Thorney Island	871	62912	83011	07514	684//	10218	81815	86635	
Manston	797	82514	66212	04013	863//	12317	84709	88710	
Gatwick	776	82912	81026	06113	854//	10321	83613	88616	
Kew	775	82808	66216	05713	873//	11226	83709	88712	
Heathrow	772	82813	75216	05813	853//	11225	81709	84711	88615
Honington	586	82817	14504	02113	860//	12312	88701		
Wattisham	590	83017	20606	02213	871//	13314	88702		
Gorleston	497	72407	58031	00713	756//	13301	87630		
Aberporth	502	73011	74022	09813	784//	11310	81710	87650	
Ross-on-Wye	627	62103	81031	08113	25641	09318	82640	83360	
Filton	628	72707	80032	08814	6853/	09214	81820	86656	87365
Rhoose	715	72810	65031	09211	38431	11214	81812	83656	85360
Chivenor	707	73108	74022	10214	784//	12210	81816	87645	
Mount Batten	827	73007	66018	11315	784//	13212	81815	87650	
St. Mawgan	817	73110	74012	11615	784//	13309	83815	87650	
Scilly	804	72709	82022	12414	785//	12304	84823	87640	
Culdrose	809	63003	82012	11714	6843/	12105	83812	84650	
Guernsey	894	72807	80028	11714	784//	14311	81816	87657	
Elmdon	534	73117	65026	06313	3547/	10219	81710	83630	85362
Cardington	559	82813	60258	05012	863//	11230	85707	88710	
Wittering	462	83015	37584	03811	861//	11224	86702	88705	
Watnall	354	83213	58506	05611	4542/	10320	81710	84645	88460
Shawbury	414	62808	83016	07612	55432	09216	81716	84650	85075
Finningley	360	83214	66216	04411	5547/	09114	82710	84650	88459
Kilnsea	396	83522	58024	00614	864//	13206	88710		
Leeming	257	83210	64636	05611	7552/	10306	87628	88556	
Tynemouth	262	73210	74026	05912	7097/	11305	87358		
Carlisle	222	70000	80022	06412	6567/	11306	81635	86648	
Valley	302	73009	78022	08913	6847/	11209	81812	86645	87459
Ringway	334	72902	62022	06712	6547/	09213	81714	86650	87462
Squires Gate	318	73116	80026	07014	684/8	11309	82712	85650	
Ronaldsway	204	73008	84022	08113	784//	10204	81713	87650	
Mull of Galloway	131	83217	82022	07612	885//	10105	82820	88650	
Eskdalemuir	162	83109	74022	06611	856//	07304	88636		
Prestwick	135	73107	80152	07213	784//	10204	81712	87650	
Abbotsinch	140	72607	84022	06712	785//	10204	81825	83642	85650
Leuchars	171	73403	85022	06412	754//	11206	81710	84618	87650
Dyce	091	70000	80212	06411	754//	10203	81618	87620	
Lerwick	005	82407	83022	04711	883//	09302	82706	85625	88635
Wick	075	70000	84022	05711	785//	10400	83820	85632	
Sule Skerry	010	70000	81028	05211	734//	10400	84915	87620	
Cape Wrath	049	72303	83028	05311	785//	10202	83820	87625	
Stornoway	026	72107	80506	05810	754//	10400	83710	87624	
Benbecula	022	32505	82158	06111	38400	09602	81816	83635	
Tiree	100	42403	70258	06610	28402	09702	81814	83070	
Aldergrove	917	73202	84252	08512	784//	10204	81712	83820	86628
Malin	980	62703	80258	07912	634//	11500	84918	84640	
Belmullet	976	72808	86022	09414	734//	11502	81717	87638	81921
Birr	965	70000	80022	10412	754//	10302	81713	87636	
Dublin	969	72706	82012	09612	785//	10205	81822	87656	
Shannon	962	72503	80026	10813	784//	12202	81816	83635	86656
Roches Point	952	73006	81022	11513	5847/	11304	81817	85643	85358
Valentia	953	60000	81258	11713	48532	11702	81825	84640	

Code FM 11.D **OBSERVATIONS during NIGHT**

Station	iii	RRT_nT_E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97121	10	d_or_o	+
Hurn	862	00120	10	+	+
Thorney Island	871	00130	12	+	+
Manston	797	91131	11	+	r_o
Gatwick	776	92131	12	r_o	r_o
Kew	775	94131	12	r_or	r_or
Heathrow	772	01131	12	$r_or_or_o$	$r_od_or_o$
Honington	586	91111	11	+	$d_ofr_od_or_o$
Wattisham	590	01111	11	ir_oid_o	$id_or_or_od_or_o$
Gorleston	497	00130	11	+	+
Aberporth	502	97121	10	r_or_o	+
Ross-on-Wye	627	01121	10	r_or	+
Filton	628	00131	11	+	+
Rhoose	715	97111	09	ir_o	+
Chivenor	707	97141	13	pr_o	+
Mount Batten	827	97141	13	pr_o	pr_o
St. Mawgan	817	97141	13	pr_o	+
Scilly	804	00130	12	+	+
Culdrose	809	01130	12	pr_o	+
Guernsey	894	03131	11	$pRpr$	+
Elmdon	534	03111	11	$d_or_or_{rr}o_or_od_o$	$id_o-dr_{rr}o$
Cardington	559	07121	12	pr_opR	pr_opR
Wittering	462	94111	11	f	$d_or_od_od_o$
Watnall	354	01101	10	$r_od_or_or$	$d_or_od_or_od_o$
Shawbury	414	02111	10	rrr_or_o	+
Finningley	360	96101	10	r_o	rr_or_o
Kilnsea	396	93131		FF	ir_oir
Leeming	257	15102	10	RRrr	$r_or_orrir_o$
Tynemouth	262	03121	11	r_or_o	rr
Carlisle	222	00111	11	+	+
Valley	302	97131	11	+	pr_o
Ringway	334	97121	11	r_or_o	+
Squires Gate	318	02121	10	r_or_orR	+
Ronaldsway	204	00120	09	+	+
Mull of Galloway	131	00110			
Eskdalemuir	162	00101	09	+	+
Prestwick	135	97121	11	+	pr_o
Abbotsinch	140	00111	10	+	+
Leuchars	171	00121	11	+	+
Dyce	091	97111	10	r_o	r_o
Lerwick	005	00091	08	+	+
Wick	075	00101	09	+	+
Sule Skerry	010	01101	09		
Cape Wrath	049	02101	10	ir_opr_o	pr_o
Stornoway	026	91081	03	ir_o	id_o
Benbecula	022	01111	08	pr_o	$prpr_o$
Tiree	100	01101	09	+	pr_opr
Aldergrove	917	97120	10	+	pr_o
Malin	980	01121	11		
Belmullet	976	97111	09		
Birr	965	97111	10		
Dublin	969	97120	11		
Shannon	962	97121	11		
Roches Point	952	00131	11		
Valentia	953	02121	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	11004	83122	96102	02108	862//	00217	86705	/////	0//08	10913	30402	26604
C	99527	70355	11004	83608	98022	11212	80970	00307	88362	/////	0//11	1////	30301	99/02
D	99442	70408	11004	32414	98018	19221	23430	00803	82910	/////	0//20	12209	30504	/////
E	99350	70478	11004	72311	98028	22425	43462	00303	82915	852//	0//22	12563	30502	/////
I	99590	70184	11004	72908	98022	06111	784//	00307	83818	86630	0//07	11286	30401	/////
J	99524	70200	11004	72009	98012	13715	48572	00701	82818	83630	0//13	11610	30502	26905
K	99450	70163	11004	72410	98032	21017	785//	00000	81826	87646	0//15	11760	30000	36703
M	99661	10018	11004	73114	97258	96410	6956/	00211	86932	/////	05309	11218	30202	99505

Code FM 21.D **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														
B	99565	70509	11064	83208	98022	03607	862//	00306	88705	/////	0//06	10917	30000	26604
C	99527	70355	11064	32310	98031	11612	30930	00805	83360	/////	0//10	11220	30301	99/02
D	99438	70409	11064	62508	97011	18022	22436	00606	82815	860//	0//21	12150	30504	/////
E	99350	70479	11064	72209	98252	20325	58432	00710	84812	852//	0//23	12581	30401	99/04
I	99591	70181	11064	73307	96168	05311	58402	00604	83815	83628	0//08	11272	30301	27704
J	99523	70199	11064	81714	98508	08314	884//	00831	84818	88645	0//13	11567	30502	28104
K	99450	70162	11064	82816	96205	18318	861//	00611	88702	/////	0//17	11746	30501	36303
M	99661	10018	11064	73014	97028	98910	765//	00214	87721	/////	05306	11193	30202	99505

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40075

Date of Issue Thursday 12 August 1971

Code FM 11.D OBSERVATIONS at 12h. 11 August 1971

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	73010	83021	10917	786//	09211	82830	87657	
Hurn	862	62813	81031	11719	686//	09210	82832	86650	
Thorney Island	871	72810	86031	11118	746//	09211	81836	84645	87656
Manston	797	72815	78022	08717	785//	11218	83623	87645	
Gatwick	776	73114	82036	09919	746//	07215	82840	86648	
Kew	775	62909	82031	09618	44671	08215	82840	83650	
Heathrow	772	63013	82031	09719	686//	08213	81835	85650	
Honington	586	82919	35596	07114	854//	12220	86618	88630	
Wattisham	590	72916	66026	07214	754//	11217	81710	87616	
Gorleston	497	82718	58056	04914	855//	13320	88625		
Aberporth	502	72712	89022	11615	784//	12209	81818	87656	
Ross-on-Wye	627	82706	82022	10317	886//	10211	81830	88635	
Filton	628	82609	78032	11116	885//	10109	81820	84825	85635
Rhoose	715	72512	82022	11516	5843/	11109	84816	87360	
Chivenor	707	72909	82022	12318	785//	14107	82820	87650	
Mount Batten	827	82512	80032	13017	7852/	13207	84822	87650	
St. Mawgan	817	62407	82012	13017	684//	12106	82816	85650	
Scilly	804	52806	81031	14118	58500	13207	82823	84640	
Culdrose	809	72703	80808	13217	4347/	13208	83918	84460	
Guernsey	894	52814	81022	14017	42470	15109	84814		
Elmdon	534	73016	80032	09716	785//	07213	84828	87656	
Cardington	559	72814	74032	09416	4857/	10320	83820	83645	87362
Wittering	462	73115	69026	08217	6857/	10115	83820	84640	87359
Watnall	354	73011	64015	08317	4857/	10113	82825	83656	86359
Shawbury	414	72911	82032	10016	785//	09210	83825	83635	87650
Finningley	360	83211	70026	08016	855//	09116	83620	88640	
Kilnsea	396	83520	57026	06114	5637/	12343	85708	88460	
Leeming	257	73408	82026	07517	1257/	11108	81828	83357	87360
Tynemouth	262	60310	74022	07415	2263/	13210	82830	86358	
Carlisle	222	72306	83022	08116	785//	09209	82825	87656	
Valley	302	72810	83018	10316	784//	12106	82811	87656	
Ringway	334	73009	75022	09115	785//	09211	82820	87640	
Squires Gate	318	73013	84022	09417	784//	12211	81817	87645	
Ronaldsway	204	72609	89012	09716	785//	09106	82824	87650	
Mull of Galloway	131	72808	84022	08815	785//	11204	81820	87650	
Eskdalemuir	162	72609	83032	07516	785//	08206	82822	87638	
Prestwick	135	72509	84038	08415	785//	11104	82822	86650	
Abbotsinch	140	72508	81251	07815	785//	09206	82825	86650	
Leuchars	171	71305	83012	07117	785//	10801	83820	86650	
Dyce	091	71609	82026	06614	785//	10400	82820	87632	
Lerwick	005	62510	86012	05613	4843/	09304	83813	85360	
Wick	075	71403	70258	06013	784//	11301	85812	86630	
Sule Skerry	010	52902	84018	06214	53500	09206	83925	85630	
Cape Wrath	049	62302	85032	06012	6856/	10205	85820	86625	
Stornoway	026	71407	75808	06512	784//	11202	84818	87630	
Benbecula	022	42407	89018	06614	48400	09001	81818	83640	
Tiree	100	52308	80258	07413	43402	12202	82915	83818	
Aldergrove	917	72707	80258	09215	784//	12102	81712	84818	87640
Malin	980	72710	89038	08616	634/2	11102	82918	86650	
Belmullet	976	72608	84028	09716	78438	12400	83718	83821	85270
Birr	965	72605	81258	11116	785//	11302	86822	85640	
Dublin	969	72707	89258	10316	785//	09500	84823	86650	
Shannon	962	72612	80018	11418	7853/	11002	83824	86650	
Roches Point	952	72011	81032	12115	784//	12801	85817	87648	
Valentia	953	62705	82028	12516	38503	12000	82823	85270	

OBSERVATIONS at 18h. 11 August 1971

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	72606	74022	11816	786//	08104	82830	87645	
862	72610	80028	12517	4863/	10003	81838	83645	87359
871	72513	82022	12217	746//	10203	81835	87656	
797	72609	84012	11117	786//	09207	81830	87650	
776	72705	82031	11717	786//	11304	81830	87650	
775	22605	70011	11318	25601	08104	81830		
772	22510	81011	11418	28630	09105	81835		
586	72710	61026	10416	757//	10212	87656		
590	72910	74012	10616	757//	09210	87650		
497	82712	58055	09516	855//	12218	88625		
502	62713	83012	11516	48442	11802	81818	83650	85070
627	82106	82022	11116	886//	11306	85830	88635	
628	72609	80022	11917	785//	10501	81825	87657	
715	52713	84022	11916	58501	11001	81820	85656	
707	42710	83018	12717	38504	12400	81820	83650	
827	72512	82022	13317	785//	13302	82822	87656	
817	62512	82022	13317	28402	12000	81818	85075	
804	52307	81031	13916	12572	13802	81823	83358	
809	42706	82018	13716	39534	13103	81920	84072	
894	42610	80031	14516	28350	14501	81808	83358	
534	73011	80012	11016	786//	08206	81832	87650	
559	72710	84022	11017	785//	09207	81825	85640	87650
462	72807	74022	10316	5563/	10306	85640	87359	
354	72608	66022	10515	756//	10108	83645	87656	
414	72303	83022	10815	786//	09103	81840	87656	
360	72906	61022	09716	756//	10209	87645		
396	83206	63022	09015	3567/	12109	83630	88460	
257	72909	89022	08817	786//	10106	81830	87656	
262	71809	71022	08014	4153/	13202	84825	87358	
222	72510	82032	08815	784//	10305	81717	87645	
302	72117	83032	10315	784//	12802	81818	87646	
334	72809	75022	10316	785//	06306	81825	87656	
318	72710	88022	10415	785//	11204	81825	87645	
204	72009	89032	09815	784//	12601	81815	87650	
131	82115	67022	08413	886//	12805	81830	88650	
162	72105	83018	08314	785//	11205	84820	87638	
135	72310	86028	08515	785/1	10201	81825	87650	
140	72511	86028	07816	785//	10301	82825	87645	
171	72409	82022	06816	786//	10500	82830	87650	
091	71705	75022	06214	785//	10502	81822	83632	87638
005	72708	74152	05312	684/1	09500	83812	85630	
075	71602	82028	06212	784//	11400	82815	87645	
010	70000	84032	06213	4857/	11202	82820	84625	87360
049	72302	89022	06312	5257/	09202	85820	87360	
026	70000	84258	06812	785//	12203	85828	85638	
022	72610	89802	07013	784//	09001	83813	87635	
100	72607	89028	07614	785//	11102	83820	86637	
917	72005	82258	08615	784//	13802	81716	84822	87632
980	72811	89022	08614	684/6	10500	81818	86640	85270
976	82107	84022	08715	68416	12803	84718	86459	
965	82703	81038	10216	5857/	12603	82822	85639	88461
969	72805	89258	10016	785//	12500	82820	87645	
962	82704	86606	10016	885//	12804	81825	83639	88650
952	82314	83028	11215	3847/	12605	81817	83643	88458
953	81709	80606	09716	4657/	13812	84720	88460	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00191	036	+	+P
862	97200	050	+	pro
871	00200	040	+	+
797	00180		+	+
776	00190	048	+	+
775	00180	053	+	+
772	00200	067	+	+
586	93171		do-doroirodr	+
590	91171	002	dodo	+
497	97170	001	iroido	ido
502	00161	043	+	+
627	00191	019	+	+
628	00170	009	+	+
715	00191	057	+	+
707	97191	062	+	pro
827	00181	012	jp	jp
817	00181	054	+	+
804	00200	083	+	+
809	91180	030	pro	+
894	00190	048	+	+
534	00170	013	+	+
559	00181	006	+	+
462	00181	001	+	+
354	00170	003	+	+
414	00171	003	+	+
360	00181	000	+	+
396	93150	000	iro	+
257	00181	001	+	+
262	00151	019	+	+
222	00181	008	+	+
302	00171	024	+	+
334	00171	015	+	+
318	00171	006	+	+
204	00170	006	+	+
131	00150			
162	97161	010	+	pro
135	97170	019	pro	+
140	97161	022	pro	pro
171	00181	009	+	+
091	00160	006	jp	+
005	97151	051	+	pro
075	06151	003	pP	pro
010	00150			
049	00131	005	+	+
026	03141	013	pro	pro
022	92151	066	+	pro
100	91161	061	propr	jp
917	92171	019	pro	pro
980	9716	033		
976	0018	028		
965	9318	014		
969	9718	010		
962	0118	012		
952	9717	019		
953	9719	039		

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

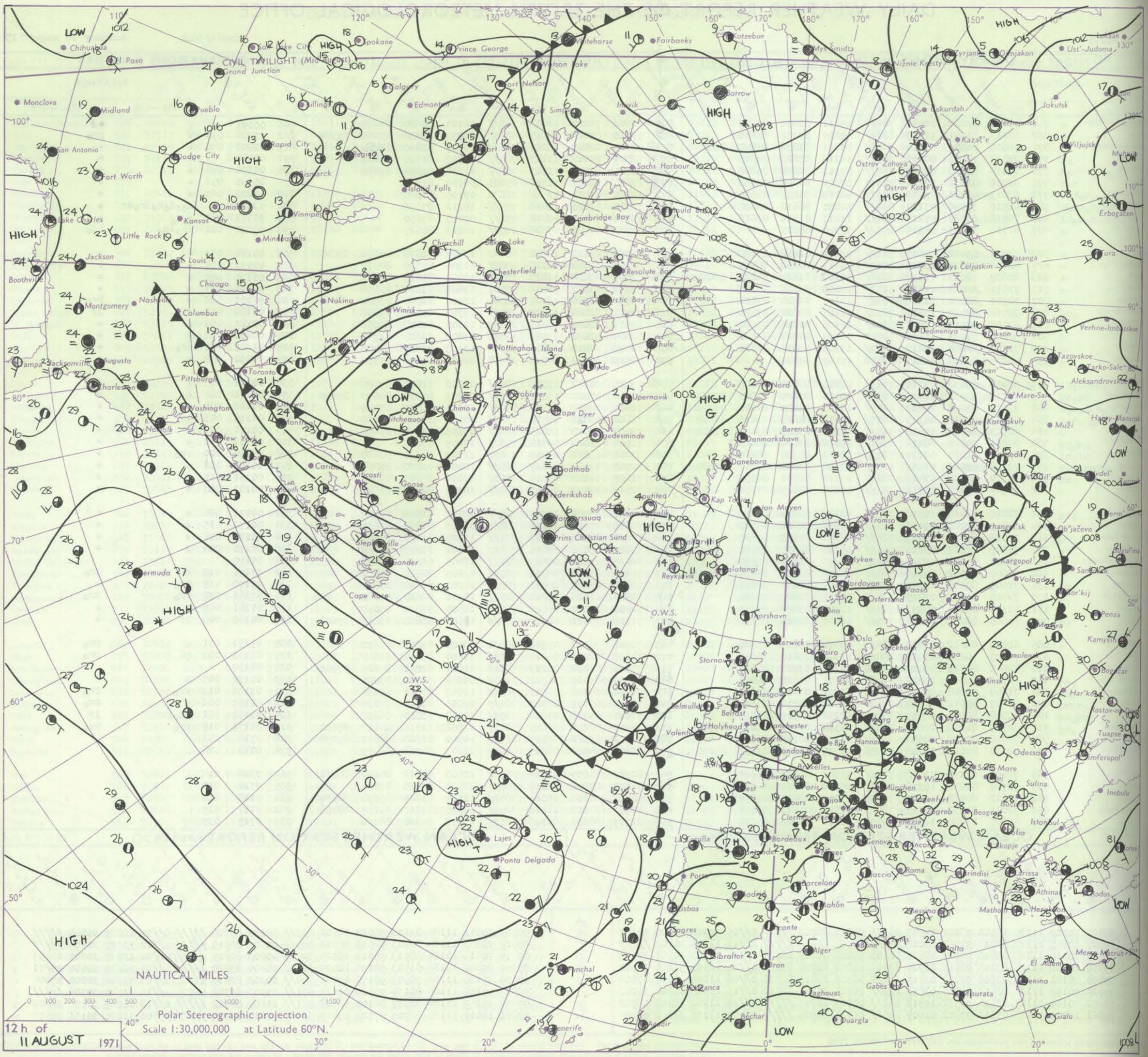
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	11124	10000	98022	04907	863//	00210	88707	/////	0//05	10914	30000	99/02
C	99527	70355	11124	82014	97022	10012	854//	00712	88615	/////	0//11	11206	30403	/////
D	99438	70410	11124	62408	98022	18522	68400	00205	83815	86625	0//20	12203	30301	22603
E	99350	70480	11124	43204	98018	21925	23502	00207	82920	830//	0//20	12593	30200	12502
I	99590	70181	11124	73609	97162	06410	644/2	00306	83815	85630	0//08	11299	30301	27004
J	99524	70199	11124	82417	96206	02815	853//	00724	85708	88612	0//15	11586	30403	31006
K	99452	70161	11124	82814	96532	19318	862//	00105	88703	/////	0//18	11748	30503	36902
M	99661	10019	11124	73014	97802	01009	6956/	00210	86920	/////	05407	11179	30202	99504

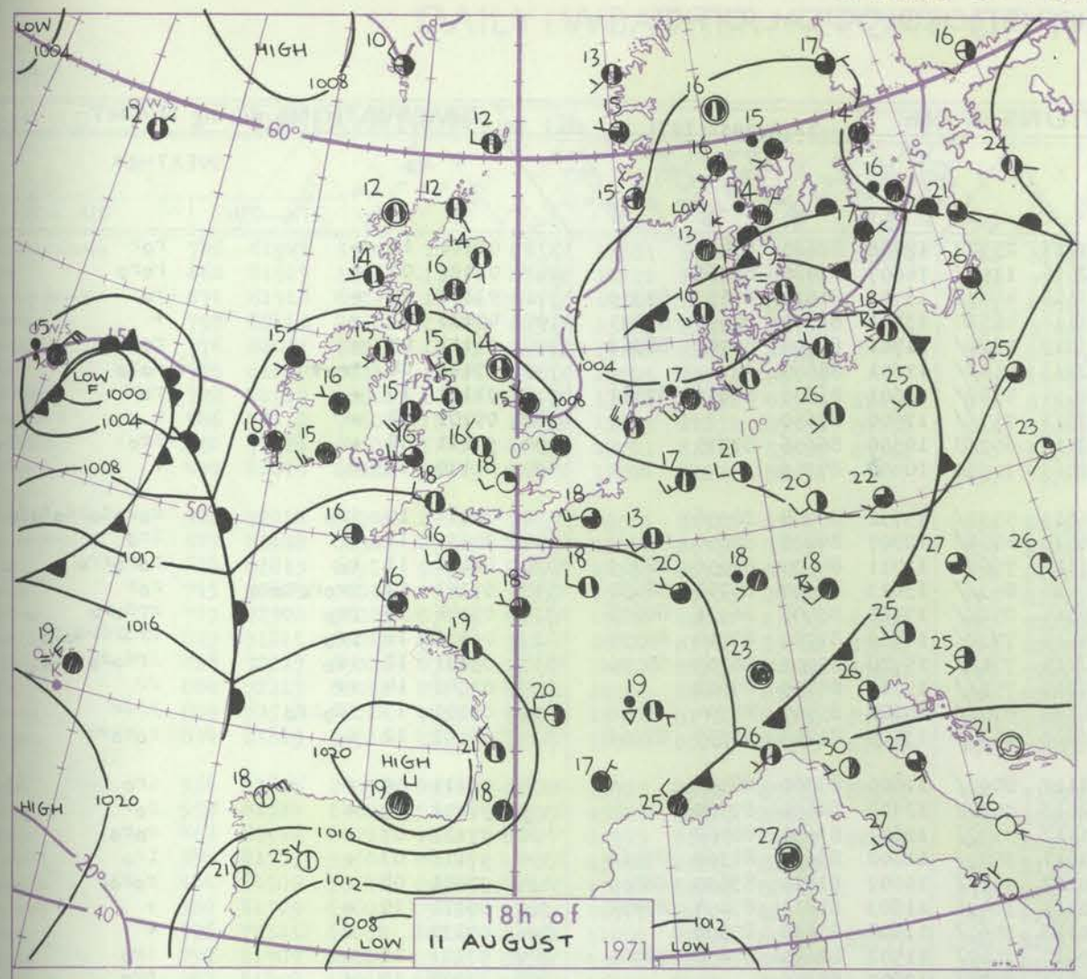
OCEAN WEATHER STATION REPORTS at 18h.

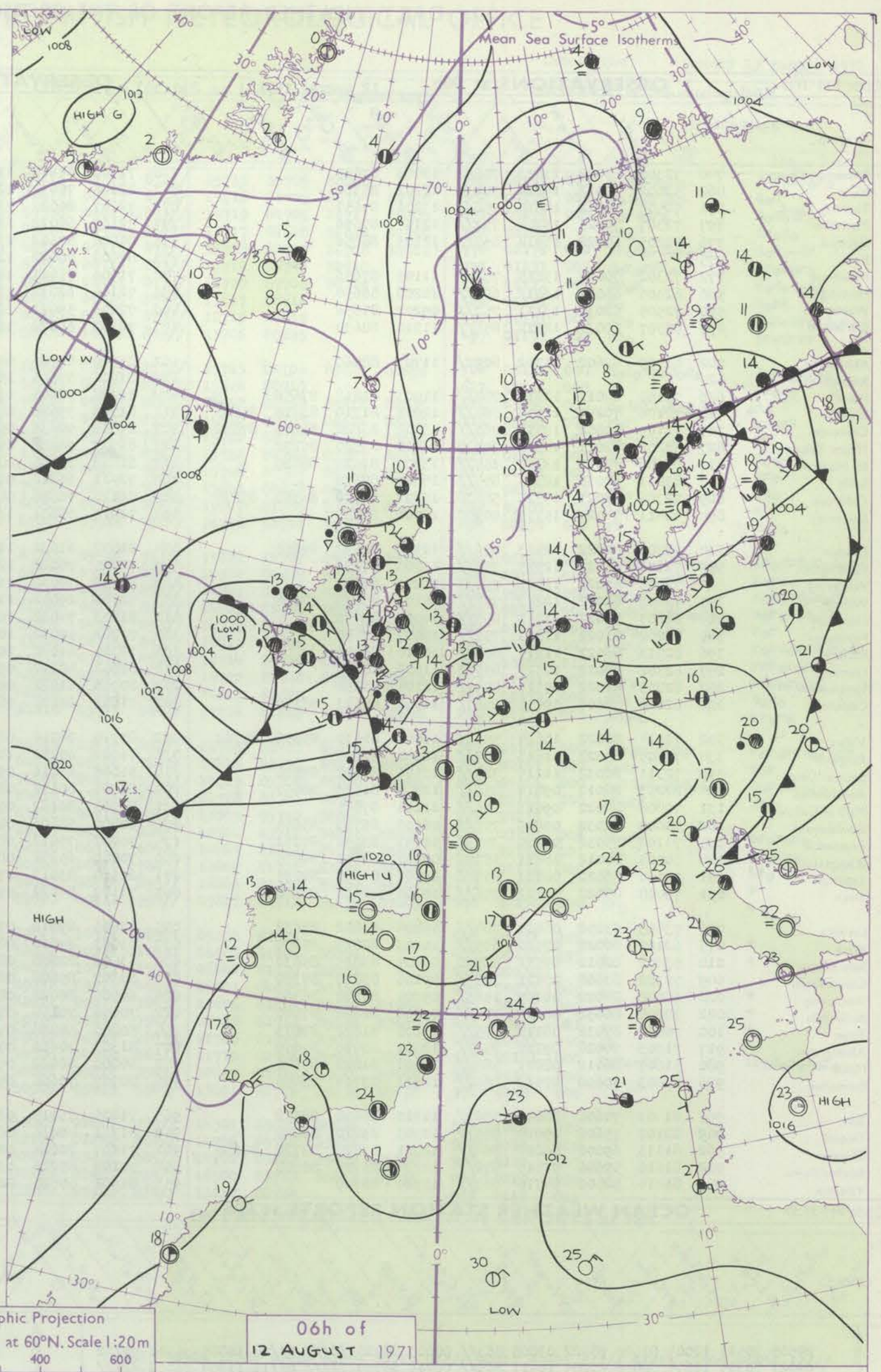
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70511	11184	81108	98022	04508	863//	00105	88706	/////	0//07	10889	30000	/////
C	99527	70355	11184	82463	94516	08512	874//	00503	88710	/////	0//12	11197	30504	/////
D	99439	70410	11184	42513	98012	18023	32440	00605	82815	/////	0//20	12237	30201	24503
E	99350	70480	11184	61503	98020	22027	32502	00400	83820	/////	0//21	12621	30000	99/01
I	99590	70180	11184	70303	98152	07111	784//	00303	82815	83630	0//03	11306	30000	27004
J	99524	70198	11184	80131	95586	02214	871//	00303	87702	88705	0//14	11585	30706	/////
K	99454	70157	11184	82817	94102	18618	861//	21608	88702	/////	0//18	11749	30503	36902
M	99661	10019	11184	82909	97022	03409	864//	00210	88714	/////	05506	11225	30101	99504

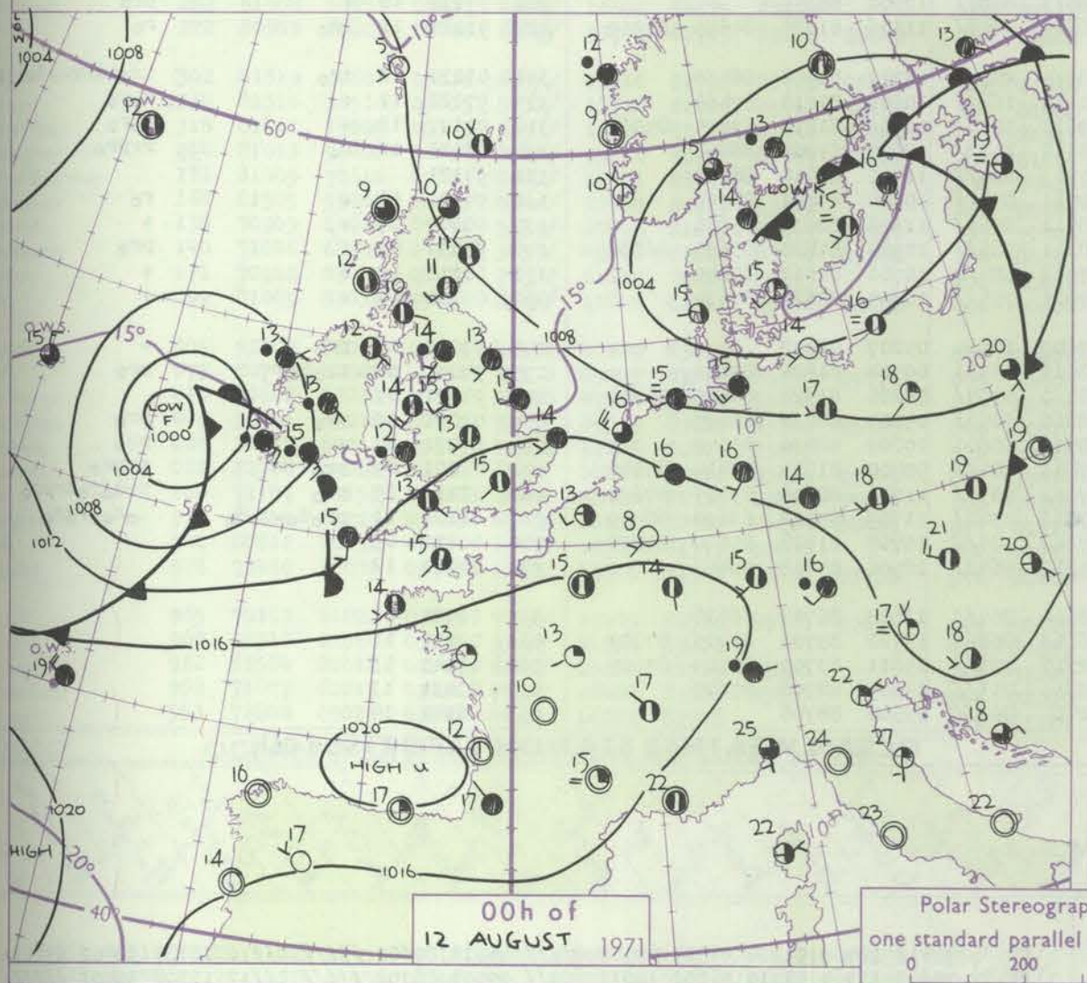
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 12 August 1971

The depression over East Anglia moved steadily northeast and a weak ridge of high pressure crossed Ireland, Wales and England. A further depression with associated troughs approached southwestern parts of the British Isles. Meanwhile most of Scotland had a very weak pressure field. During the next 24 hours col type weather will prevail over Scotland, but the depression off southwest Ireland is expected to cross Wales and England.

Code FM 11.D **OBSERVATIONS at 00h.** 12 August 1971

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	7⅝	72305	69022	13813	756//	11003	87645		
Hurn	862	52002	70012	14114	50930	11102	85360		
Thorney Island	871	72504	74012	14315	758//	13206	87657		
Manston	797	72307	74021	13714	757//	12104	87656		
Gatwick	776	82205	65022	13914	857//	12106	88656		
Kew	775								
Heathrow	772	72302	70021	13615	757//	11105	87656		
Honington	586	62305	66031	13012	657//	10208	86650		
Wattisham	590	72505	62032	13111	757//	09207	87656		
Gorleston	497	82307	60032	12314	856//	11210	88630		
Aberporth	502	81709	62602	11712	8092/	11705	88460		
Ross-on-Wye	627								
Filton	628	72105	64012	13414	784//	11003	81818	87656	
Rhoose	715	72106	70251	12914	784//	12801	81710	83818	85635
Chivenor	707	72109	80808	13115	785//	13802	83820	85640	87650
Mount Batten	827	72206	82021	14315	30938	14801	83360	87272	
St. Mawgan	817	81708	74052	13214	1542/	13807	81618	88460	
Scilly	804	81811	82038	12315	854//	14817	88618		
Culdrose	809	72306	82021	13715	58438	13802	84815	84360	85270
Guernsey	894	42411	74020	15715	00902	14001	84075		
Elmdon	534	72303	80022	12413	756//	11103	82637	87656	
Cardington	559	72104	66022	12913	757//	11003	87656		
Wittering	462	72405	69022	12513	756//	10207	87644		
Watnall	354	72202	61022	12212	756//	10103	83635	87656	
Shawbury	414	81803	78022	11813	857//	10003	88650		
Finningley	360	72202	61022	11513	757//	10007	87656		
Kilnsea	396	82712	66022	11215	8097/	10210	88458		
Leeming	257	82302	89022	10414	857//	11006	88656		
Tynemouth	262	82305	81022	09514	8097/	12104	88358		
Carlisle	222	82006	74606	09714	6567/	11002	86643	88359	
Valley	302	71914	82022	10614	5563/	13601	81635	85656	87362
Ringway	334	71505	65022	11613	757//	10002	87650		
Squires Gate	318	72311	82032	11115	785//	13101	81822	87646	
Ronaldsway	204	82203	86012	09814	856//	12803	81635	88657	
Mull of Galloway	131	72408	84022	09013	756//	11101	87645		
Eskdalemuir	162	70000	62032	09909	754//	08102	85710	85645	
Prestwick	135	71102	75032	09210	3573/	10103	83656	87362	
Abbotsinch	140	50000	82012	08811	15741	09104	81656	84075	
Leuchars	171	72110	83022	08111	45706	09104	84650	87275	
Dyce	091	73008	84022	07411	756//	10206	81636	87640	
Lerwick	005	73403	83258	06410	784//	09204	83812	87632	
Wick	075	62102	80028	07510	655//	10203	82625	85650	
Sule Skerry	010	53402	82012	07511	58500	09205	83825	85630	
Cape Wrath	049	72302	83808	07411	3257/	09206	83820	87360	
Stornoway	026	60000	84022	08109	1563/	09204	81640	86360	
Benbecula	022	72604	86038	08112	755//	09204	82626	87640	
Tiree	100	70000	87032	08112	755//	11202	81622	87643	
Aldergrove	917	71303	70028	09112	754//	12801	83710	87650	
Malin	980	51605	86012	08811	584//	10001	81818	85640	
Belmullet	976	80803	70606	07513	4642/	12711	83714	88458	
Birr	965	81403	70606	08813	5567/	11711	85638	88458	
Dublin	969	82102	75606	09914	855//	12703	83620	88648	
Shannon	962	81113	69606	06814	864//	12721	83715	83720	87650
Roches Point	952	81616	59606	07415	872//	14734	85705	88708	
Valentia	953	81414	58506	04716	863//	15724	88709		

OBSERVATIONS at 06h. 12 August 1971

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	7⅝	71706	64606	12213	25522	12706	82620	87459	
Hurn	862	82008	70032	12616	1157/	14607	81820	88360	
Thorney Island	871	72207	80022	13116	4447/	13703	81812	84657	87359
Manston	797	72105	68022	13114	48534	13601	81820	84657	85075
Gatwick	776	80000	57102	13212	7627/	11701	85704	87707	88362
Kew	775	82002	70022	12713	856//	11601	88645		
Heathrow	772	71906	75021	12614	4567/	11601	81635	84656	87362
Honington	586	72106	62032	12312	757//	11500	87650		
Wattisham	590	72206	59022	12412	657/8	10500	86656	87275	
Gorleston	497	72105	60022	12013	70930	10403	87359		
Aberporth	502	81520	58586	06613	5732/	13732	85708	88556	
Ross-on-Wye	627	81904	57606	10414	4752/	12807	84720	88650	
Filton	628	81708	72606	11114	7567/	11711	84635	86656	88359
Rhoose	715	81708	59626	10414	853//	13613	82707	85711	88650
Chivenor	707	81609	50636	09314	852//	13725	83705	86711	88648
Mount Batten	827	81715	56638	10415	7732/	14819	81707	87710	88550
St. Mawgan	817	81818	35586	08415	7712/	15728	83702	86703	88550
Scilly	804	72411	66216	07715	753//	15717	84709	87622	
Culdrose	809	82115	10596	08415	870//	15725	85700	88704	
Guernsey	894	71911	78031	13814	1537/	13509	81707	86359	87462
Elmdon	534	81807	61032	11112	8097/	11605	83360	88464	
Cardington	559	72105	70022	12113	4577/	12302	84650	87360	
Wittering	462	82206	59032	11512	3577/	11601	83650	88462	
Watnall	354	72304	29052	11011	3577/	11602	83656	84362	87466
Shawbury	414	81503	74032	10212	3542/	10607	81715	83635	88460
Finningley	360	71702	59032	10511	38436	11603	81815	83657	87272
Kilnsea	396	72305	61022	10413	3567/	11604	83630	87360	
Leeming	257	81504	48212	09612	7567/	11502	82640	87650	88465
Tynemouth	262	80000	61022	09013	8097/	12602	88359		
Carlisle	222	71803	82026	08513	5857/	11506	81825	84615	87359
Valley	302	81310	74216	08014	2537/	13717	81708	88460	
Ringway	334	71507	65212	10113	1647/	10506	81710	87460	
Squires Gate	318	81608	65216	09613	3847/	12506	81818	83645	85360
Ronaldsway	204	81706	80626	08414	1522/	12608	81704	88458	
Mull of Galloway	131	81905	80162	07713	884//	12707	81818	88605	
Eskdalemuir	162	80000	58606	08711	870//	10504	83701	88703	
Prestwick	135	70902	75012	08011	6563/	11606	82632	86650	
Abbotsinch	140	70000	65252	08111	785//	10504	81820	83635	86650
Leuchars	171	63110	83012	07912	584/2	10701	81812	85650	
Dyce	091	73107	84022	07911	755//	10304	82628	87634	
Lerwick	005	13606	89018	07609	18400	05207	81812		
Wick	075	63003	84018	08010	48531	09304	81820	83625	
Sule Skerry	010	63602	82808	08110	4357/	08205	83920	84625	86360
Cape Wrath	049	62302	85808	08210	6857/	09205	84820	86625	
Stornoway	026	60000	86022	08511	58601	10202	82830	85640	
Benbecula	022	70606	70258	07811	784//	09400	81710	83818	87640
Tiree	100	80000	58808	07312	7837/	11704	82708	83815	87630
Aldergrove	917	81303	70616	07412	4542/	11709	83712	83630	88459
Malin	980	60000	86022	07212	584/8	10708	81818	85640	85270
Belmullet	976	80707	70606	05213	5642/	12506	84714	88458	
Birr	965	71205	75215	03614	764//	13623	86714	86636	
Dublin	969	81311	40616	06113	862//	13722	83703	85705	87709
Shannon	962	71107	70016	02715	773//	15611	83707	85714	87625
Roches Point	952	72104	65206	03315	753//	14509	82708	87627	
Valentia	953	81902	50506	02415	863//	15508	88706		

OBSERVATIONS during NIGHT

Station	iii	$RRT_n T_h E$	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	7⅝	03121	10	+	ro r
Hurn	862	02121	08	+	ro ro
Thorney Island	871	93131	08	+	ro
Manston	797	00130	11	+	+
Gatwick	776	91111	07	+	ro
Kew	775	97121	08	~~ro+~~	id ro ro
Heathrow	772	91131	10	+	ro r
Honington	586	00101	08	+	+
Wattisham	590	97111	08	+	ir ro
Gorleston	497	00130	11	+	+
Aberporth	502	01111	10	ir ro	ro ro do id do do do
Ross-on-Wye	627	95131	11	+	ir ro
Filton	628	02131	11	ro	ro ro rr ro
Rhoose	715	07141	12	pr ro ro ro ro	ro r
Chivenor	707	05141	11	pr ro	rr do ro
Mount Batten	827	06141	12	pr ro	rr dr dr do ro
St. Mawgan	817	05131	12	ir ro	ir do ro do ro
Scilly	804	07141	14	rr	rr
Culdrose	809	08141	13	id o ir o	rr dr
Guernsey	894	05141	12	+	ro ro rr
Elmdon	534	91111	09	+	ir o
Cardington	559	97101	07	+	ro
Wittering	462	97111	07	+	ro ro
Watnall	354	97111	07	+	ir o
Shawbury	414	92111	08	+	ro ro r
Finningley	360	00111	10	+	+
Kilnsea	396	00130		+	+
Leeming	257	97121	11	+	ir o
Tynemouth	262	97131	10	+	pr o
Carlisle	222	91121	11	ir o	ro
Valley	302	01131	12	ir o	ir o id ir-id o ir o
Ringway	334	97121	11	+	ro ro
Squires Gate	318	97131	12	+	ro ro
Ronaldsway	204	02131	12	ro	rr pr o
Mull of Galloway	131	94121			
Eskdalemuir	162	94091	07	+	ro
Prestwick	135	00100	07	+	+
Abbotsinch	140	97091	05	+	pr o
Leuchars	171	00111	09	+	+
Dyce	091	00100	09	+	+
Lerwick	005	97071	06	pr o	+
Wick	075	94091	08	ir o pr o	pr o
Sule Skerry	010	94091	05		
Cape Wrath	049	01091	09	pr o	pr o
Stornoway	026	97071	04	+	pr o
Benbecula	022	02101	09	pr o	pr pr o
Tiree	100	02111	09	pr o	pr do ro dr pr o
Aldergrove	917	01121	11	pr o do-do do	do do-ro ro
Malin	980	00111	09		
Belmullet	976	01121	12		
Birr	965	06121	12		
Dublin	969	02131	11		
Shannon	962	04141	13		
Roches Point	952	03131	13		
Valentia	953	06141	14		

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

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	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A														
B	99565	70511	12004	81020	98022	03808	863//	00605	88706	/////	0//08	10885	30301	99/02
C	99527	70355	12004	82909	97285	10511	863//	00210	88707	/////	0//11	11204	30403	/////
D	99440	70409	12004	42407	97021	19722	44400	00215	84616	/////	0//19	12231	30301	24603
E	99350	70480	12004	10000	98012	22725	11501	00212	81820	/////	0//19	12634	30000	/////
I	99590	70189	12004	70000	93158	08212	784//	00108	82815	86630	0//08	11331	30000	28004
J	99523	70198	12004	63517	98016	10814	42402	00128	84818	85078	0//12	11579	30403	36007
K	99453	70156	12004	82819	96014	18918	863//	00301	88706	/////	0//17	11759	30604	/////
M	99661	10020	12004	80000	97022	04409	864//	00104	88714	/////	05505	11184	30000	99503

OCEAN WEATHER STATION REPORTS at 06h.

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	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A														
B	99565	70512	12064	91230	92514	00709	9////	00816	89/01	/////	0//10	10887	30402	99/02
C	99527	70355	12064	82710	98202	10012	863//	00504	88707	/////	0//12	11207	30403	/////
D	99440	70407	12064	62510	97031	19021	65400	00502	86615	/////	0//18	12257	30000	24603
E	99349	70480	12064	10000	98130	21824	12501	00609	81820	/////	0//20	12626	30000	09002
I	99590	70187	12064	81706	98032	07012	885//	00604	83820	88635	0//08	11320	30301	99/03
J	99523	70199	12064	73015	97031	10914	784//	71804	81815	87620	0//11	11574	30303	29806
K	99452	70154	12064	82919	97022	18217	855//	00502	88621	/////	0//15	11721	30604	/////
M	99661	10020	12064	83607	97022	04409	865//	00302	88722	/////	05406	11175	30000	99503

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40076

Date of Issue Friday 13 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 12 August 1971

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	81921	59206	10514	853//	13811	85706	86709	88620
Hurn	862	81815	18596	11315	6722/	14812	86705	88510	
Thorney Island	871	81716	80026	12416	5447/	14809	85612	88458	
Manston	797	82113	80602	13218	2257/	13803	82824	88462	
Gatwick	776	82011	82216	12816	3847/	13602	82814	88362	
Kew	775	81808	80216	12216	4842/	13805	82712	88459	
Heathrow	772	81911	70606	12116	1747/	13804	81712	86358	88459
Honington	586	72112	74602	12118	22678	11605	82832	85360	87270
Wattisham	590	72313	64606	12416	4847/	12703	81818	83626	87362
Gorleston	497	81810	60022	12117	885//	12804	82825	88638	
Aberporth	502	72014	69206	05216	754//	15505	82710	87615	
Ross-on-Wye	627	81408	60506	07815	6742/	13614	86710	88458	
Filton	628	81813	62516	08915	854//	14713	85712	88618	
Rhoose	715	71615	70016	07517	7637/	15812	87706	87360	
Chivenor	707	72308	78026	07019	785//	15806	82820	83633	86645
Mount Batten	827	71816	66026	08517	782//	16803	81703	83820	87630
St. Mawgan	817	72217	69026	07218	784//	14804	82712	84815	87640
Scilly	804	72213	66028	07117	58402	15704	83818	83625	
Culdrose	809	72512	72026	07617	784//	16804	81710	83820	87635
Guernsey	894	81815	56516	12215	871//	14712	83702	86703	87704
Elmdon	534	81814	26592	09314	6522/	13713	85704	85612	88556
Cardington	559	81914	64606	11316	885//	13806	81820	88650	
Wittering	462	81912	62216	10317	884//	11810	81712	84822	88640
Watnall	354	81707	59606	09815	4842/	13608	83815	88459	
Shawbury	414	81506	56616	07914	873//	13714	82706	88710	
Finningley	360	81909	69602	09619	2257/	11707	82825	88459	
Kilnsea	396	72311	66032	10318	22571	11000	82820	85460	87075
Leeming	257	81707	69616	09118	6557/	13708	86628	88460	
Tynemouth	262	81808	58258	08817	4557/	14804	84625	88359	
Carlisle	222	80303	66806	08216	6847/	13703	82715	83818	86640
Valley	302	81619	62606	05216	853//	15716	82706	86710	88615
Ringway	334	81310	30516	08415	5732/	12712	81709	85712	88460
Squires Gate	318	81411	59606	08115	6557/	13710	82625	85650	88460
Ronaldsway	204	81013	56628	06714	852//	13811	83704	85707	88622
Mull of Galloway	131	81409	70616	07213	8082/	11601	88557		
Eskdalemuir	162	81505	59806	08613	894//	12500	84919	83822	
Prestwick	135	70903	80012	07616	5857/	10806	81820	85645	87360
Abbotsinch	140	71006	62052	07817	3857/	09806	81822	83650	87360
Leuchars	171	70912	83021	08915	785/2	11103	82820	87657	
Dyce	091	81009	82032	09214	884//	11205	81713	83820	88638
Lerwick	005	53308	86021	09612	48431	03109	83817		
Wick	075	70707	82022	10112	38432	09209	82818	85359	85075
Sule Skerry	010	30602	82018	10612	38500	07214	81825	83630	
Cape Wrath	049	50506	85018	10711	32575	09215	83820	83360	85070
Stornoway	026	30512	89018	09615	12531	11206	81825	83075	
Benbecula	022	71008	87028	08514	6847/	10202	81712	83819	85645
Tiree	100	71107	70158	07714	68436	12000	81710	83818	85629
Aldergrove	917	81109	65216	06415	4547/	10706	82710	84614	88460
Malin	980	80812	80032	06614	1647/	12705	81717	88460	
Belmullet	976	70410	82036	05715	6847/	13305	81716	85638	87458
Birr	965	70102	81022	02819	784//	17000	84716	83820	87631
Dublin	969	90910	02514	03714	9////	14710	89/01		
Shannon	962	63504	82018	02819	6843/	15201	81715	83820	
Roches Point	952	71807	62215	03416	783//	16400	85708	87630	
Valentia	953	72808	65026	03817	763//	16209	87708		

OBSERVATIONS at 18h. 12 August 1971

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	82013	58216	07215	872//	15715	85705	88708	
862	71915	62016	08017	6533/	15716	81707	86709	87358
871	82018	59506	09017	853//	15719	84709	86711	88620
797	71916	74212	10916	55472	12717	81618	85630	87359
776	82015	40516	09715	872//	15718	82705	86708	88712
775	81808	62616	08716	873//	15718	86707	88710	
772	81812	60586	08416	873//	14720	87706	88709	
586	81609	62216	09215	854//	13817	88616		
590	81909	66216	09615	854//	12719	88616		
497	81710	58638	10715	855//	13706	88625		
502	81711	62206	03415	853//	15713	82706	83625	88656
627	81806	63255	04717	874//	15614	88710		
628	81714	74035	05817	884//	15612	82712	85818	88635
715	82010	45606	05117	853//	15810	82709	86614	88640
707	72213	66158	05017	784//	15712	82711	84815	87640
827	82017	13515	05916	852//	15716	84703	87707	88612
817	72413	59258	05617	783//	15708	82707	85810	86645
804	72407	74038	06515	784//	15601	84818	86628	
809	72609	60025	06516	782//	15607	81705	83812	86630
894	71812	81026	09516	750//	16718	81701	87625	
534	71610	63215	05316	753//	15821	82708	85620	87650
559	81608	62216	07915	853//	15720	87708	88620	
462	81712	40516	07315	853//	14722	86706	88620	
354	81708	61026	06115	853//	14823	86706	88620	
414	81405	58606	04317	853//	14719	83707	86709	88618
360	81507	23586	06315	873//	14721	88706		
396	81813	59616	07815	4747/	14714	84710	88460	
257	81406	48606	06215	7732/	14722	85706	87709	88512
262	81412	48258	07215	855//	14816	88625		
222	80808	62218	05715	884//	14714	81818	84630	88650
302	81810	40616	03416	872//	15709	82703	88704	
334	81408	60026	05016	7532/	13818	81708	87635	88459
318	81313	56586	04615	7532/	14719	85708	85620	87645
204	81010	14516	03615	870//	14715	85701	88702	
131	80418	63026	04413	854//	13709	85712	88645	
162	80706	69618	06513	884//	12714	83710	84821	88630
135	70708	62218	06315	6842/	12607	81818	84634	85645
140	80610	60606	06914	7847/	11804	81716	83629	87645
171	80612	80022	08413	853//	12806	81706	83709	88645
091	70604	80026	09412	754//	09803	81710	85634	87645
005	23406	89011	10711	28501	05202	82825		
075	60609	82032	10711	14531	06603	81620	86075	
010	60709	84031	10911	15576	06400	81620	86070	
049	70910	89032	09611	4557/	08001	84625	87360	
026	70615	82021	09013	3853/	11606	81825	83635	87359
022	70614	89032	07813	754//	08507	81712	85640	87650
100	70308	89012	06715	28532	11708	81825	87075	
917	80812	59606	04514	863//	11710	82706	85708	88713
980	70712	80606	05814	3547/	12607	81716	83645	87459
976	80406	80505	05415	5547/	13801	82716	83638	88458
965	70305	80028	02817	785//	14301	85820	85636	
969	80605	62106	02216	861//	15706	85702	83704	
962	73211	82038	03218	785//	14102	83822	83640	85656
952	72809	80258	02917	734//	16500	83710	86817	85635
953	83314	62025	05715	864//	13112	88714		

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	02161	000	rodo-doro	doro-roro
862	04171	000	rododrDRd	dod
871	03171	000	rordoro	dododr
797	91180		iro	irodo
776	02171	000	rroro-dorodo	dodo-dr
775	01171	001	dororRro	irororo
772	01171	000	rror	rodododr
586	05191		ro	rorR
590	91191	009	iro	roroiroidoro
497	01192	002	pro	proprrr
502	05181	000	dodoirodoro	dodoRRido
627	96191	008	do	proro
628	03190	005	rodrRdoRododo	ido
715	05191	006	ror	irorR
707	01201	001	dororpro	pr
827	01181	005	dorododo	dodo
817	01181	008	pr	pro
804	96181	037	pro	pro
809	95181	007	ido	+
894	08171	000	rr	doro
534	02161	000	rodororrdrdodo	irodrdorodoro
559	03171	000	irororororR	roro
462	96181	000	raro	rorordororo
354	08171	000	dodrRdorodoro	dorododoDR
414	03171	000	rororrdoro	ror
360	02191	003	ror	rordorodorodr
396	03192	017	ir	rrrrorrr
257	02191	002	roro	rirororo
262	02171	005	pro	dodo
222	01171	001	proro	rroro
302	09172	000	dororrRiro	rororrdorodr
334	02161	000	rodo	ror
318	05161	000	roRdoroDRdodo	doroRroro
204	05161	000	prorrdr	dr
131	04131			
162	03151	006	propr	prororo
135	91171	001	iro	proiro
140	91171	002	+	iro
171	00161	038	+	+
091	97150	000	iro	+
005	00131	121	+	+
075	00131	097	+	+
010	00130			
049	00131	069	+	+
026	00151	089	+	+
022	00151	001	+	+
100	00171	050	jp	+
917	92151	000	roro-ro	irodorodoro
980	9714	006		
976	9416	000		
965	1021	024		
969	0318	006		
962	9121	033		
952	0219	009		
953	0118	011		

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														
B	99565	70511	12124	91428	91475	99010	9////	00803	89/01	/////	0//10	10882	30807	/////
C	99527	70355	12124	82614	94456	10512	873//	00305	88709	/////	0//11	11208	30503	/////
D	99441	70408	12124	12108	98021	20122	18400	00205	81820	/////	0//19	12234	30201	18602
E	99349	70481	12124	20402	98020	23427	12502	00211	81820	/////	0//20	12606	30000	99/01
I	99591	70187	12124	81309	97618	07011	7442/	00201	82818	85635	0//09	11314	30301	23902
J	99524	70198	12124	82016	97216	09414	884//	00711	84815	88625	0//13	11551	30403	99/05
K	99451	70159	12124	32910	98011	20117	25642	61108	82630	/////	0//15	11721	30607	/////
M	99661	10020	12124	70107	97158	06010	6956/	00209	86922	/////	05407	11180	30000	99503

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														
B	99563	70409	12184	91918	91454	00011	9////	00212	89/01	/////	0//11	10940	30806	/////
C	99517	70355	12184	92904	93454	11812	9////	00304	89/01	/////	0//12	11192	30000	99/04
D	99436	70403	12184	32711	98020	20723	31400	24204	83815	/////	0//20	12292	30281	18502
E	99349	70481	12184	60903	98030	22926	22502	00607	82820	860//	0//21	12644	30000	99/01
I	99591	70187	12184	81212	96616	07412	6842/	00304	84817	83635	0//09	11290	30402	/////
J	99524	70198	12184	63017	98036	16015	4247/	00707	84818	86359	0//14	11572	30504	24907
K	99452	70159	12184	82415	96021	17718	862//	00718	88705	/////	0//18	11759	30000	30905
M	99661	10020	12184	73315	97022	06511	765//	00502	87726	/////	05109	11160	30304	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

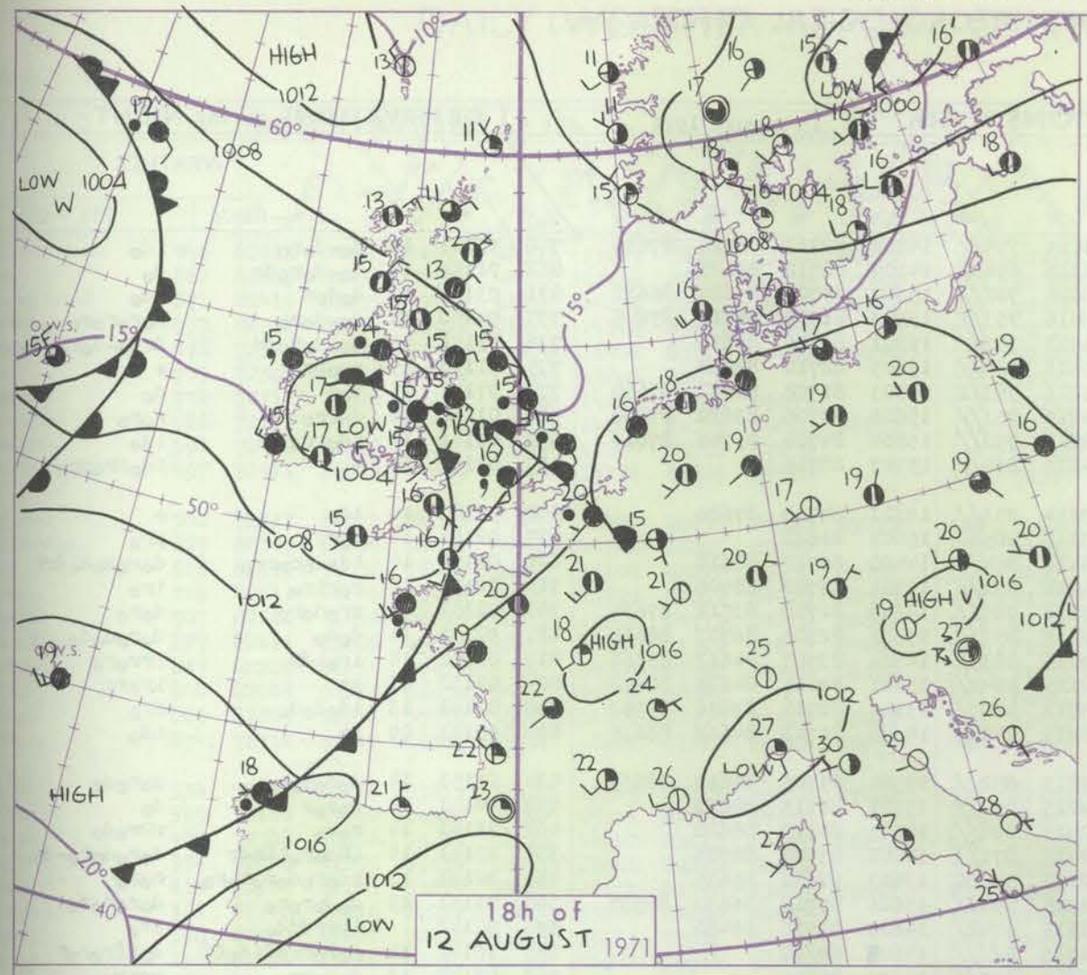
CIVIL TWILIGHT (Mid-August)

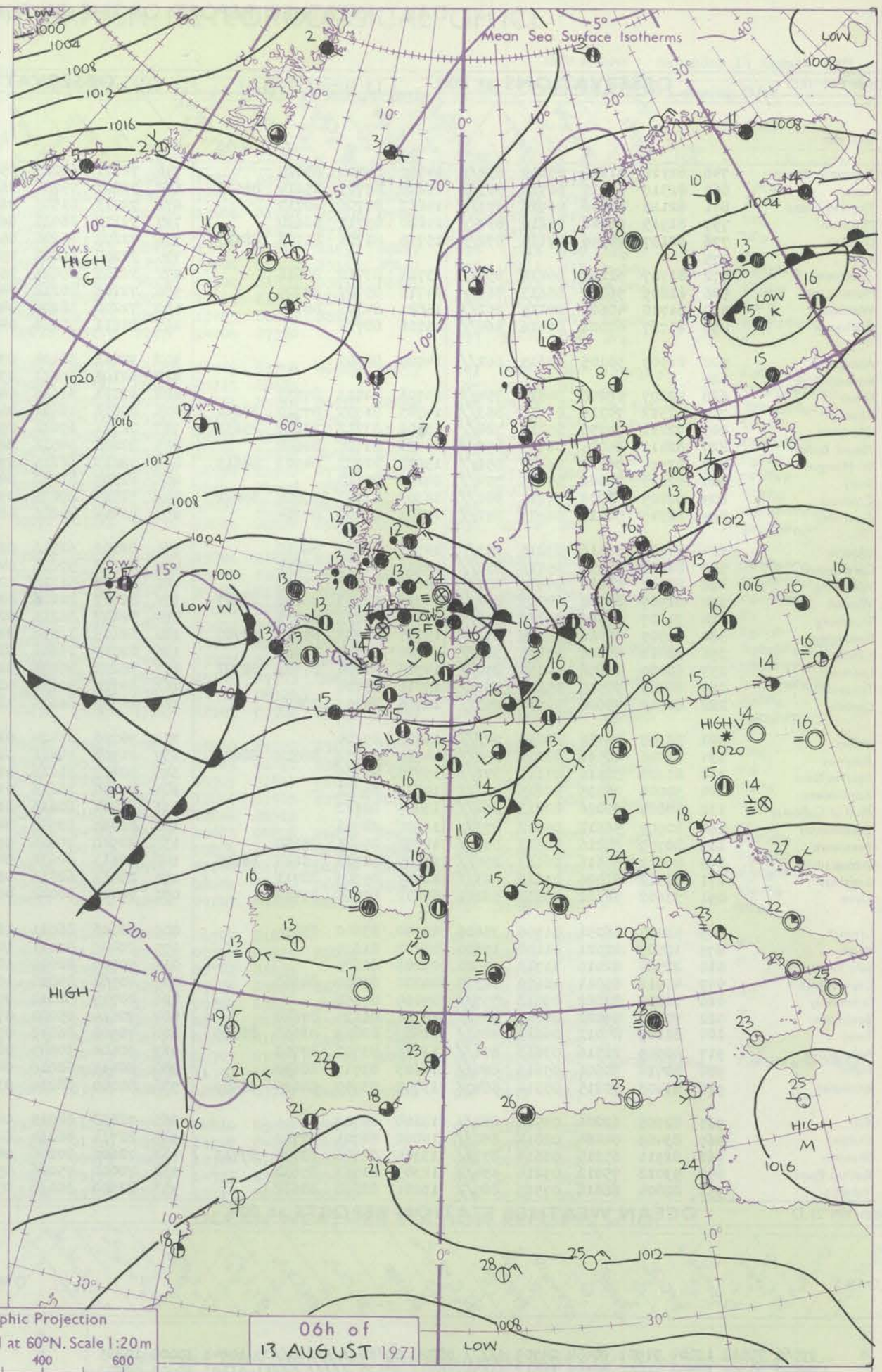
NAUTICAL MILES

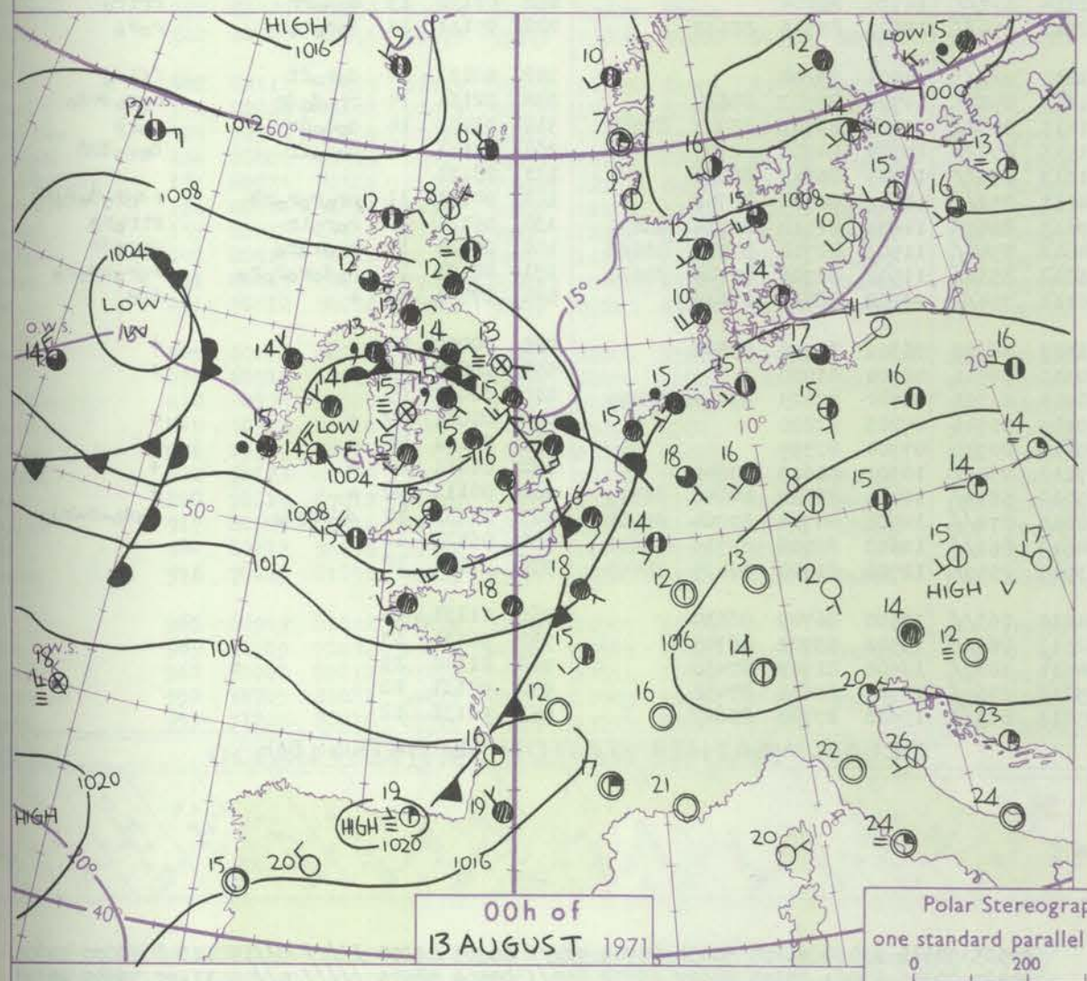
0 100 200 300 400 500 1000 1500

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

12 h of
12 AUGUST 1971







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 13 August 1971

Cyclonic activity has been maintained over the British Isles as one low moved from south Ireland to northern England while a second low tracked southeastwards towards Ireland. Pressure is rising to the south of Iceland as a high builds and moves southeastwards from the Denmark Straits. During the next 24 hours the Atlantic low will track into France and a cool northeasterly airstream will become established over north and western districts of the British Isles.

Code FM 11.D

OBSERVATIONS at 00h. 13 August 1971

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	82112	61216	05815	852//	14709	84704	88624	
Hurn	862	82310	58215	06716	853//	15608	83707	85614	88623
Thorney Island	871	82116	28506	06916	873//	15813	85706	88710	
Manston	797	81915	66026	08216	854//	15820	85711	88620	
Gatwick	776	82107	28596	07115	872//	15716	81704	85706	88710
Kew	775								
Heathrow	772	81707	62205	06416	854//	15714	83710	88616	
Honington	586	81809	56025	06615	863//	14715	85707	88709	
Wattisham	590	81710	40606	07115	862//	15821	84703	88704	
Gorleston	497	81717	62022	07416	864//	15718	88715		
Aberporth	502	81909	58105	03615	862//	14500	88705		
Ross-on-Wye	627								
Filton	628	72107	69206	04816	754//	14706	82713	87635	
Rhoose	715	82312	70216	04716	853//	14703	81707	87710	88640
Chivenor	707	72211	74258	05216	784//	15302	83712	83818	85633
Mount Batten	827	82411	64025	06715	852//	15400	81704	88640	
St. Mawgan	817	82514	56212	06415	851//	15000	82702	84703	88615
Scilly	804	72813	82028	07815	754//	14105	87618		
Culdrose	809	82805	58205	07215	881//	14302	81702	83704	88622
Guernsey	894	82315	70216	08915	871//	15705	85702	87704	
Elmdon	534	81705	58516	03815	873//	14713	83708	88710	
Cardington	559	81808	58056	05716	854//	14613	81713	88621	
Wittering	462	81907	58216	04915	853//	14816	83709	88618	
Watnall	354	81907	23586	04215	852//	14712	82703	86708	88647
Shawbury	414	71907	59586	03315	755//	14706	83628	87635	
Finningley	360	81705	48586	04015	872//	15715	83703	85705	88707
Kilnsea	396	82014	66626	05015	3642/	14720	83710	88460	
Leeming	257	80000	14656	04115	870//	14714	81700	87701	88702
Tynemouth	262	80915	58515	05213	864//	13716	88714		
Carlisle	222	80812	48606	04614	853//	12706	86707	88624	
Valley	302	92309	04456	02515	9////	15703	89/00		
Ringway	334	81706	40596	03215	854//	14710	82712	86624	88645
Squires Gate	318	81306	30516	03115	872//	15710	88704		
Ronaldsway	204	90000	06435	02615	9////	14808	89/01		
Mull of Galloway	131	80817	70026	02813	864//	13705	88712		
Eskdalemuir	162	80509	56618	05512	873//	11808	88708		
Prestwick	135	80709	58216	04913	855//	12708	85625	88650	
Abbotsinch	140	80612	60616	06113	854//	11807	82712	85618	86625
Leuchars	171	80312	62026	07812	863//	11707	85707	88711	
Dyce	091	73602	56102	09309	56201	09802	81705	85710	
Lerwick	005	53405	86031	11706	35606	05000	83640	85075	
Wick	075	10505	82021	11108	15600	05802	81630		
Sule Skerry	010	20505	82010	11710	25500	05203	82625		
Cape Wrath	049	40912	85011	10109	12570	06202	81820	84360	
Stornoway	026	70812	82022	09512	757//	09104	87650		
Benbecula	022	70410	89022	07213	755//	10704	81625	87640	
Tiree	100	61105	84012	06212	4853/	11803	82829	83650	85359
Aldergrove	917	80509	20516	03613	871//	13708	83702	87703	
Malin	980	80714	70606	05613	864//	12603	83717	88630	
Belmullet	976	83403	70215	05514	5647/	13702	83717	84635	88459
Birr	965	82905	62206	04514	862//	13104	88703		
Dublin	969	83403	04464	02814	860//	14001	84701	87702	
Shannon	962	82911	65215	05614	873//	13304	82706	83708	87713
Roches Point	952	53018	75012	05214	554/2	12303	81711	85632	
Valentia	953	82804	66618	07515	885//	13201	82820	88632	

OBSERVATIONS at 06h. 13 August 1971

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	72311	69205	05215	754//	14304	82712	86714	87630
862	72207	75202	06316	6543/	14304	82712	86625	
871	72215	61505	06216	782//	15302	85705	85807	86632
797	72112	66026	06416	753//	15503	81709	86711	87645
776	72208	65206	05915	753//	15301	83706	87638	
775	72205	62028	05416	784//	15603	82710	87632	
772	72207	65025	05216	753/1	14303	81708	84630	87650
586	72105	58216	04215	753//	15605	83706	83620	87650
590	72208	58206	04615	752//	15504	84704	85709	87618
497	81811	58216	04216	864//	15707	88715		
502	72511	58104	03214	753//	13301	84708	87620	
627	42106	60011	03316	28540	15603	81820		
628	82011	61516	04416	854//	14500	86712	88618	
715	82516	56606	04116	871//	15301	83702	88705	
707	72711	69036	05616	783//	14309	81707	83711	87635
827	82608	58516	06915	852//	15306	82705	86707	88615
817	72613	66216	07215	58332	14309	83707	84613	85360
804	82509	81032	08115	5842/	13101	82815	84625	88458
809	72806	69025	07714	4847/	13105	82714	83636	85362
894	72414	70206	08915	7527/	14306	81703	84612	86635
534	82109	61516	02815	852//	15500	85705	86612	88635
559	82110	59206	04215	854//	15301	86713	88617	
462	82207	61216	02915	854//	14501	84712	88620	
354	82207	22106	02415	871//	14602	83702	88706	
414	52107	66216	02215	55600	13603	82630	85635	
360	82105	32516	01915	7542/	15606	85712	86630	88550
396	82010	16606	02115	5742/	15607	85710	88460	
257	90202	05476	01715	9////	14608	89/00		
262	80720	32636	02314	872//	14725	88704		
222	80708	66616	02713	854//	12607	81715	88618	
302	92706	05474	01814	9////	14501	89/00		
334	81906	40616	01615	852//	14704	86703	88614	
318	82609	61216	01415	850//	15604	83701	83703	87705
204	80000	18616	01515	870//	14504	84701	88707	
131	80821	60616	01313	6742/	12705	86715	88550	
162	80409	58586	04011	872//	11602	86704	88708	
135	80710	70616	03413	6847/	11604	81712	83714	86635
140	80613	62636	04812	7542/	11503	82710	83714	86622
171	80414	62616	06212	853//	11502	82706	87709	88620
091	70411	80022	08111	754//	09502	86711	87615	
005	43606	86011	11507	38379	06302	81708	83656	
075	20407	82011	10310	18501	06500	81820		
010	50709	82021	10911	21531	06702	82825	83360	85075
049	40908	85010	10109	21541	07203	82820		
026	20717	82012	09610	20930	07304	82359		
022	70614	85022	07112	754//	10303	81619	87640	
100	70508	86012	05712	5853/	10400	81828	84640	86359
917	80608	30585	02213	872//	12505	84703	87704	88708
980	80413	60616	04612	863//	12603	82708	85714	88630
976	80000	68216	03913	7557/	12708	81720	87635	88459
965	72803	62215	04113	763//	12500	86709	86634	
969	82711	40214	02513	861//	13501	83702	88705	
962	72606	80206	04514	3837/	13506	81707	87458	
952	70000	75026	05213	3567/	12504	83632	87458	
953	81502	60036	05013	863//	13610	87708	85625	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	91141	12	do-doro	ido
862	01151	14	do-dorodr	do
871	93151	15	dodod	ddo
797	94150	15	do-doro	dorororo
776	03151	15	do-dorodr	drdo-doro-Yo
775	01151	15	propr	+
772	97151	15	dod	do
586	01151	14	d-rro	roro
590	01141	14	idoiro	ido
497	03152	14	+	idoiropro
502	91141	14	ido	+
627	02151	14	rorr	pro
628	01151	14	idodororro	dorodododrr
715	02151	15	roriro	iro
707	91151	14	prodoro	doro
827	92151	14	dodo	dorododo
817	02141	14	iroidr	irroro
804	01132	13	pr	irorr
809	01141	13	idododo	iro
894	95141	09	ir	ido
534	01151	14	dododoro	dorodo
559	94151	14	doror	do
462	01141	14	roro	rRrodo
354	03141	14	DRdoroiDRdr	dorodoro-do
414	02141	13	rdorodorororo	roro
360	01151	15	dodororo	dororodo
396	02142		irrrddd o	iro
257	10142	14	rororrRRidoff	doffroror
262	02132	13	dodorr	rriro
222	95131	12	dororo	roro
302	02131	14	doroff	ffido
334	02151	14	rrododr	rorodrdo
318	01151	14	dododr	rorR
204	09141	14	dodoff	dorodrR
131	08121			
162	04111	11	prorororR	rdorodororo
135	05121	12	roroir	rrroro
140	04121	11	irororo	rororr
171	02121	11	dodorororo	rororroro
091	97091	07	+	iro
005	00050	02	+	+
075	00071	03	+	+
010	00090	05		
049	00081	07	+	+
026	00101	08	+	+
022	00111	10	+	+
100	00111	08	+	+
917	03131	12	do-dodo	dodo-r-ro
980	06122	12		
976	97131	12		
965	01131	13		
969	96131	13		
962	01140	13		
952	97131	12		
953	96131	12		

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	13004	91903	90454	04709	9////	00220	89/00	/////	0//09	10941	30000	10805
C	99527	70355	13004	40405	98022	15012	35570	00218	83620	/////	0//11	11193	30000	99/03
D	99435	70405	13004	92812	99414	21922	9////	00106	89/02	/////	0//20	12304	30402	/////
E	99350	70481	13004	30903	98021	24525	22502	00316	82820	/////	0//21	12634	30000	09002
I	99592	70189	13004	70816	98026	10412	784//	00215	82818	86830	0//10	11300	30502	18604
J	99524	70196	13004	63014	98258	05914	48401	00704	82818	83640	0//11	11564	30403	99/06
K	99451	70158	13004	92516	93454	16918	9////	00807	89/01	/////	0//18	11740	30503	30004
M	99660	10019	13004	73518	97158	08610	6956/	00210	86926	/////	05207	11144	30304	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	13064	91208	90454	04709	9////	00505	89/00	/////	0//10	10948	30000	10805
C	99527	70355	13064	80610	98022	16309	855//	00500	88620	/////	0//08	11197	30000	99/03
D	99436	70410	13064	83116	97024	22022	854//	61101	88615	/////	0//20	12192	30603	/////
E	99351	70482	13064	51802	98130	24125	42501	00604	84820	/////	0//22	12632	30000	09002
I	99592	70190	13064	50718	98012	14211	55530	00221	85626	/////	0//06	11276	30504	99/04
J	99524	70198	13064	73415	97808	04313	7943/	61607	86914	/////	0//11	11554	30403	27705
K	99450	70157	13064	82611	96516	13518	872//	00715	88703	/////	0//17	11745	30503	30004
M	99660	10017	13064	60117	97022	09910	48580	00211	84827	/////	05207	11146	30203	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40077

Date of Issue Saturday 14 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 13 August 1971

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	82813	80038	06517	48507	13207	82820	83632	88272
Hurn	862	82409	82032	07319	4857/	13004	82822	83628	85358
Thorney Island	871	82415	82035	07319	5142/	15206	82715	84818	88462
Manston	797	82314	80036	06918	884//	14306	85817	88645	
Gatwick	776	72310	70016	06919	75408	16206	83614	86650	87275
Kew	775	72308	70026	06120	684/2	15205	85818		
Heathrow	772	72212	75026	06021	48532	14105	83820	86075	
Honington	586	72212	66252	04719	784/3	14203	81715	85819	86635
Wattisham	590	72412	62216	05218	785//	13304	85820	87638	
Gorleston	497	71911	60018	04619	785//	15304	83825	87628	
Aberporth	502	72512	80022	04816	28432	12002	82815	86360	85070
Ross-on-Wye	627	82307	66808	04817	38502	14208	83825	88072	
Filton	628	82515	74036	06017	6857/	13108	83822	85630	88360
Rhoose	715	82513	66606	06416	6842/	13209	83812	84626	88558
Chivenor	707	82611	61636	06616	884//	15602	84711	83818	88630
Mount Batten	827	82411	61606	07915	5847/	14801	81710	84630	88460
St. Mawgan	817	82209	58216	07416	6737/	14704	82708	85710	88359
Scilly	804	82006	56636	06914	873//	14712	88707		
Culdrose	809	82205	50616	07715	5532/	14804	83709	85620	88464
Guernsey	894	72314	75022	10316	58402	14106	81810	85640	86075
Elmdon	534	72411	66218	03817	4842/	15305	82815	83650	87460
Cardington	559	72114	64012	04920	785//	15205	84820	87635	
Wittering	462	72308	78036	03620	584/6	14102	83818	84635	86272
Watnall	354	72408	61255	03119	5853/	15001	82820	84650	
Shawbury	414	72519	82028	03519	784//	13107	81712	83820	87656
Finningley	360	62708	72016	02221	68602	15801	83830	84656	
Kilnsea	396	62409	63026	02418	4647/	15203	84710	86460	
Leeming	257	83504	37216	02217	854//	16202	86712	88645	
Tynemouth	262	80720	32606	03013	862//	13204	88704		
Carlisle	222	80508	58656	03613	5532/	13305	81708	84630	88540
Valley	302	82112	66025	03315	853//	14105	81706	83710	86620
Ringway	334	82609	40608	02917	883//	14206	81708	85710	88640
Squires Gate	318	72513	70205	02817	782//	15206	81705	83707	85710
Ronaldsway	204	80806	30516	02515	852//	14101	82704	86709	88650
Mull of Galloway	131	80821	62606	01013	5742/	12105	85717	88458	
Eskdalemuir	162	80414	56636	04312	5832/	11204	82709	83820	88547
Prestwick	135	80718	65616	04113	7542/	12302	83713	86656	88460
Abbotsinch	140	80517	60616	05613	854//	11204	81715	86618	86622
Leuchars	171	80419	74606	07013	6542/	10105	84711	85628	88459
Dyce	091	70612	84036	08713	785//	07003	81620	83624	87636
Lerwick	005	60606	86021	11711	58481	06400	83815	83630	
Wick	075	60510	89011	11412	48531	08204	82825	83638	85075
Sule Skerry	010	20705	84021	12313	21500	07206	82825		
Cape Wrath	049	30908	85010	11412	31541	09204	83825		
Stornoway	026	10523	86020	11213	12531	07205	81828		
Benbecula	022	70623	85022	09313	785//	07311	81822	84630	87645
Tiree	100	70614	87012	06715	58536	11206	81824	84656	87275
Aldergrove	917	80509	60616	03014	5622/	13104	81705	85706	88540
Malin	980	80417	56656	05312	5632/	12104	85708	88530	
Belmullet	976	70413	81256	04315	734//	13501	81717	85820	85640
Birr	965	62903	81022	03418	625//	12707	86822		
Dublin	969	82709	70032	03015	864//	12500	82712	85715	87630
Shannon	962	60000	82012	03418	48532	10711	83822	83645	
Roches Point	952	71705	81022	04215	78472	14709	81712	86635	85070
Valentia	953	71207	80026	02718	785//	13714	83823	87630	

OBSERVATIONS at 18h. 13 August 1971

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	72214	74216	05915	46472	13808	83710	83359	85362
Hurn	862	82008	75036	06717	2847/	13715	81715	84358	88460
Thorney Island	871	72206	81022	07417	2147/	13806	81710	85359	87462
Manston	797	72215	74026	07217	1157/	12001	81820	87359	
Gatwick	776	72211	80026	06917	4847/	13806	81818	83650	86462
Kew	775	72112	80218	06516	1257/	13400	81820	83359	87461
Heathrow	772	82213	75608	06317	3857/	13702	81820	83656	88362
Honington	586	82409	69616	05417	2852/	13107	81825	88458	
Wattisham	590	82610	70608	05817	2852/	13205	81825	88465	
Gorleston	497	72310	60018	05019	7097/	14204	87360		
Aberporth	502	81610	61616	02614	6532/	14719	83708	86625	88457
Ross-on-Wye	627	81806	77028	04116	855//	13715	88625		
Filton	628	81907	64586	05016	6542/	14715	84710	86618	88459
Rhoose	715	81510	58626	04315	7531/	14819	86709	87616	
Chivenor	707	81507	61636	03515	854//	14721	83712	85618	88645
Mount Batten	827	81813	59636	04014	852//	14828	83703	84708	88618
St. Mawgan	817	81515	48636	02115	7712/	14734	83702	87704	88540
Scilly	804	82611	32616	00415	881//	15740	84702	88625	
Culdrose	809	81915	28636	01915	6522/	14839	84703	86618	88460
Guernsey	894	71712	80022	07216	6567/	14825	83638	85650	87359
Elmdon	534	82110	63218	04416	3247/	13801	83814	87460	
Cardington	559	82211	70218	05717	5857/	12003	81825	85640	88360
Wittering	462	82410	66618	04716	2147/	14500	81712	88462	
Watnall	354	72209	69216	04016	6857/	13002	81820	86636	87465
Shawbury	414	72005	69616	03915	2847/	13602	81710	86359	87461
Finningley	360	82606	58048	03217	3857/	14004	82825	88460	
Kilnsea	396	82610	48616	02717	3642/	15207	83710	88460	
Leeming	257	83106	32216	02815	852//	15205	87703	88614	
Tynemouth	262	80521	48636	03414	8052/	14400	88520		
Carlisle	222	80610	48636	03613	7532/	12101	83708	85615	86635
Valley	302	72014	80022	02615	38578	13810	81820	83645	86460
Ringway	334	72804	58026	03317	6857/	13803	81820	83630	85650
Squires Gate	318	72509	75015	03216	68432	14705	81814	86640	
Ronaldsway	204	81804	64025	02115	852//	13806	81705	87711	88650
Mull of Galloway	131	80620	66616	01813	864//	12804	88712		
Eskdalemuir	162	80420	58616	04511	6832/	10603	84706	86630	88459
Prestwick	135	80819	61616	04312	3747/	10804	82712	85360	88462
Abbotsinch	140	80612	68636	06512	5542/	09104	81714	84656	88460
Leuchars	171	80315	80606	07912	6557/	08205	82620	86650	88460
Dyce	091	70218	82022	09112	42401	07201	84818	86070	
Lerwick	005	20309	86011	11410	28401	06702	81815		
Wick	075	60411	84022	11511	28501	07303	81825	86075	
Sule Skerry	010	30209	82030	12512	31501	07702	83825		
Cape Wrath	049	60508	85031	12211	32501	07205	83825	86070	
Stornoway	026	50422	84021	11812	11534	07204	81826	85070	
Benbecula	022	70425	86032	09414	38502	06500	81820	83635	87072
Tiree	100	70511	87602	06813	5857/	09802	81825	85656	87460
Aldergrove	917	80711	61606	02713	852//	12705	83705	85710	88614
Malin	980	80523	64616	05412	864//	11302	88710		
Belmullet	976	80517	78606	03514	884//	12605	83717	84820	87642
Birr	965	70000	75258	01216	785//	14810	85820	87635	
Dublin	969	71402	74258	01316	5853/	13708	84828	85363	
Shannon	962	70308	83022	00418	786//	12714	81830	86650	
Roches Point	952	71009	81022	00115	783//	14723	83708	87632	
Valentia	953	80000	58638	99316	885//	15715	86820	88630	

OBSERVATIONS during DAY

Station	iii	RRTTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01191	012	proro	roro
Hurn	862	97191	009	iro	iror
Thorney Island	871	97201	014	+	iro
Manston	797	92190		iro	iro
Gatwick	776	97211	009	iro	+
Kew	775	03211	013	roRriro	roRrriro
Heathrow	772	97221	019	roRro	proro
Honington	586	91211		pro	roro
Wattisham	590	01211	009	iropro	prororo
Gorleston	497	97210	010	pro	+
Aberporth	502	07162	012	irororo	rororr
Ross-on-Wye	627	02191	010	pro	prororrro
Filton	628	05181	013	roidorodr	drrdoidoror
Rhoose	715	14172	006	iror	irorR
Chivenor	707	12181	002	ror	rrororrR
Mount Batten	827	20171	004	roror	roRrr
St. Mawgan	817	13161	000	rororrroro	rrRRrr
Scilly	804	17161	000	rr	rriro
Culdrose	809	11162	000	irorororr	roroRRrriro
Guernsey	894	02172	007	+	irodorodr
Elmdon	534	01201	020	proropro	prorRiro
Cardington	559	93211	010	pro	propriro
Wittering	462	95201	006	proro	rodoror
Watnall	354	91201	010	pro	ro
Shawbury	414	01191	018	pro	roror
Finningley	360	01221	011	proprdoro	doropropprpro
Kilnsea	396	03202	017	+	prirrrroro
Leeming	257	29182	000	irrridirR	irrrroroRR
Tynemouth	262	08142	000	roro	roiro
Carlisle	222	22142	000	roroRR	roroRrr
Valley	302	97171	029	+	iro
Ringway	334	03181	004	proror	ro
Squires Gate	318	93171	001	do	roro
Ronaldsway	204	01161	000	dodorodoro	+
Mull of Galloway	131	08131			
Eskdalemuir	162	13121	000	rororr	rrroro
Prestwick	135	05141	000	roro	rororr
Abbotsinch	140	07131	000	rororr	rororr
Leuchars	171	97131	000	ro	roiro
Dyce	091	97140	032	+	pro
Lerwick	005	00120	064	+	+
Wick	075	00131	121	+	+
Sule Skerry	010	00140			
Cape Wrath	049	00120	136	+	+
Stornoway	026	00141	137	+	+
Benbecula	022	00150	056	+	+
Tiree	100	97161	005	+	iro
Aldergrove	917	09142	000	ro-rororroro	rororrodo-dodo
Malin	980	2312	000		
Belmullet	976	0117	017		
Birr	965	0219	020		
Dublin	969	9719	026		
Shannon	962	0021	052		
Roches Point	952	0017	006		
Valentia	953	0519	002		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

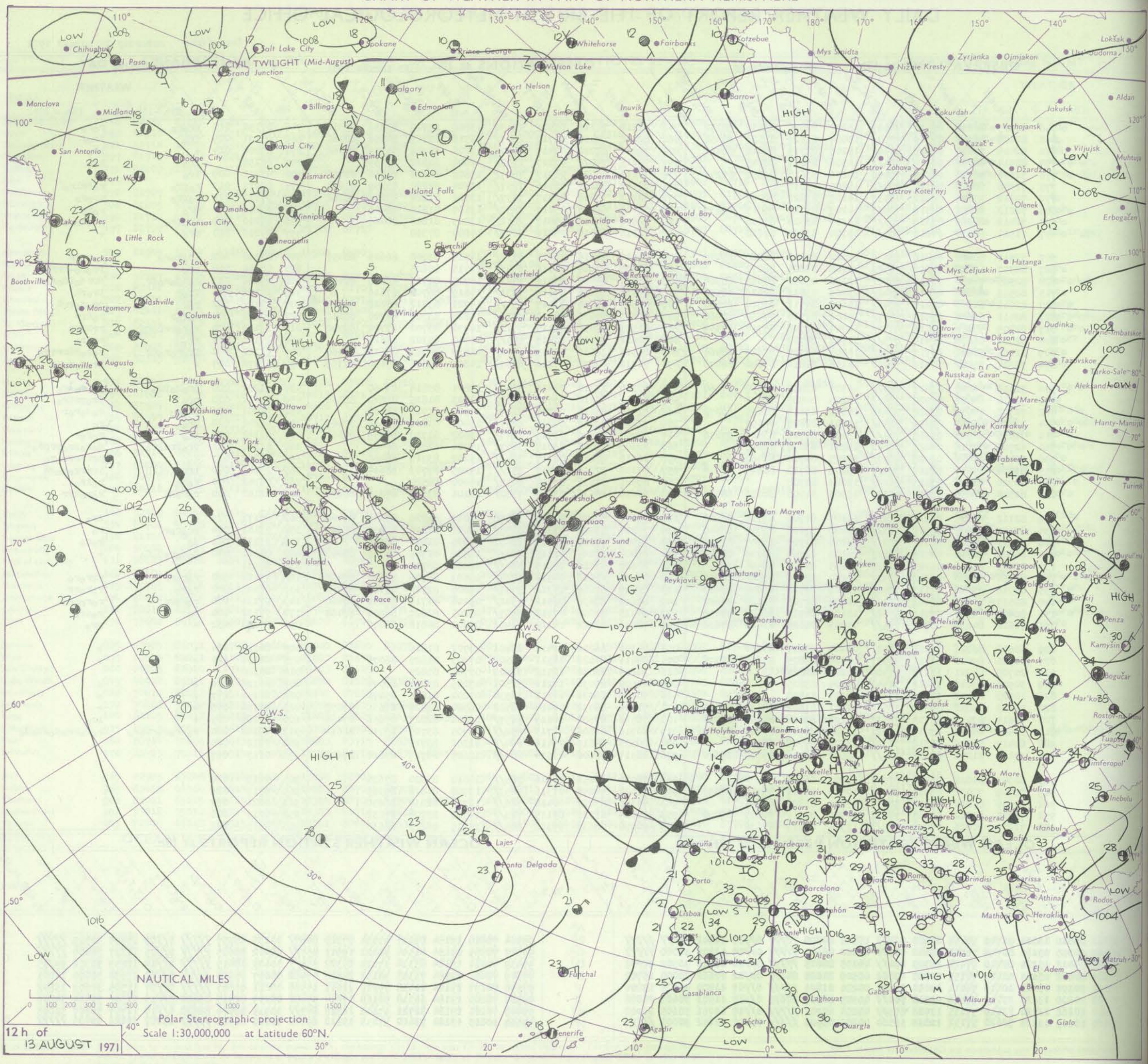
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	13124	91915	90456	02610	9////	00501	89/00	/////	0//10	10942	3////	/////
C	99527	70355	13124	80906	98022	19610	855//	00212	88620	/////	0//19	11177	30000	/////
D	99439	70412	13124	83210	97022	23323	854//	00105	88615	/////	0//20	12210	30302	99/03
E	99351	70482	13124	62005	98152	25325	43562	00509	84820	840//	0//22	12622	30200	15702
I	99591	70191	13124	10618	98011	19011	14501	00220	81825	/////	0//07	11309	30704	13804
J	99525	70200	13124	73213	97808	05214	784//	00303	84815	87625	0//12	11573	30403	28806
K	99450	70162	13124	82619	97035	13018	873//	00804	87707	/////	0//17	11766	30605	30003
M	99660	10015	13124	73620	97152	12010	59560	00209	85927	/////	05207	11142	30405	/////

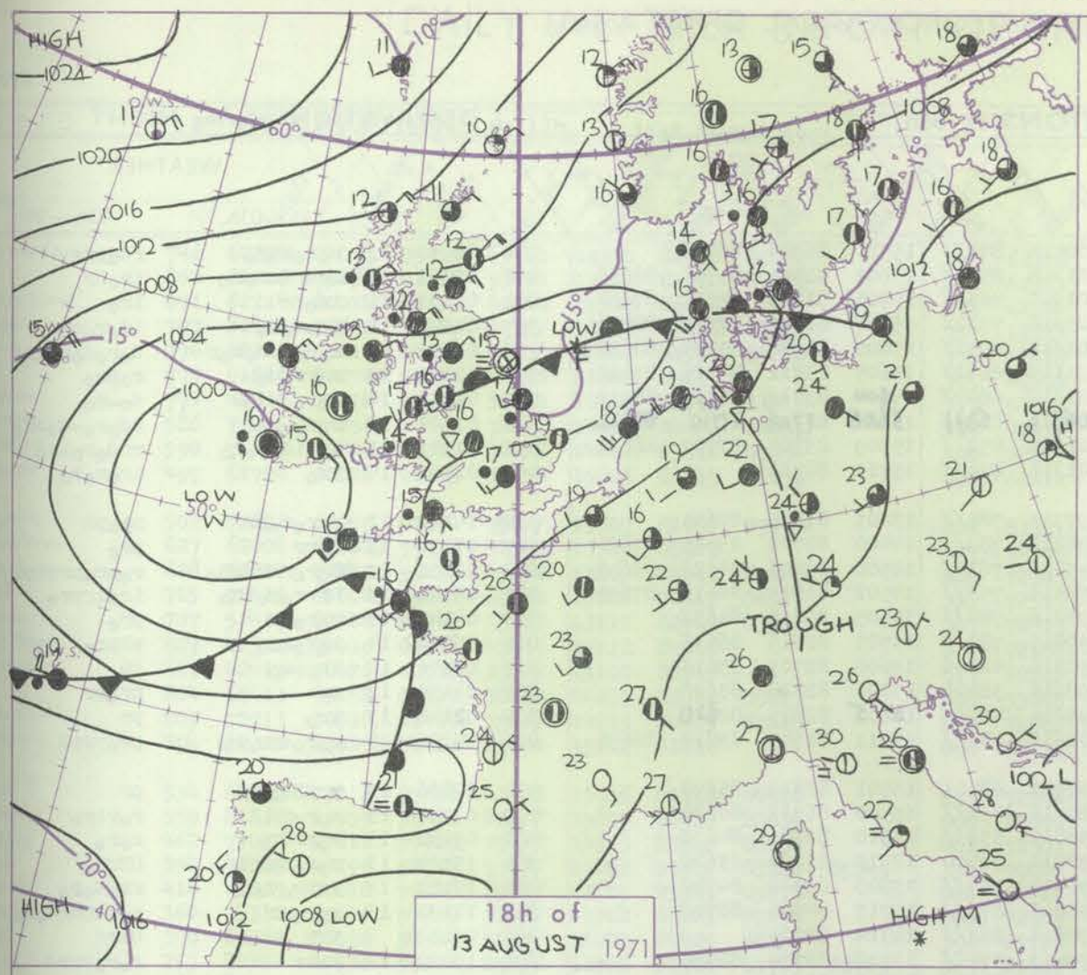
OCEAN WEATHER STATION REPORTS at 18h.

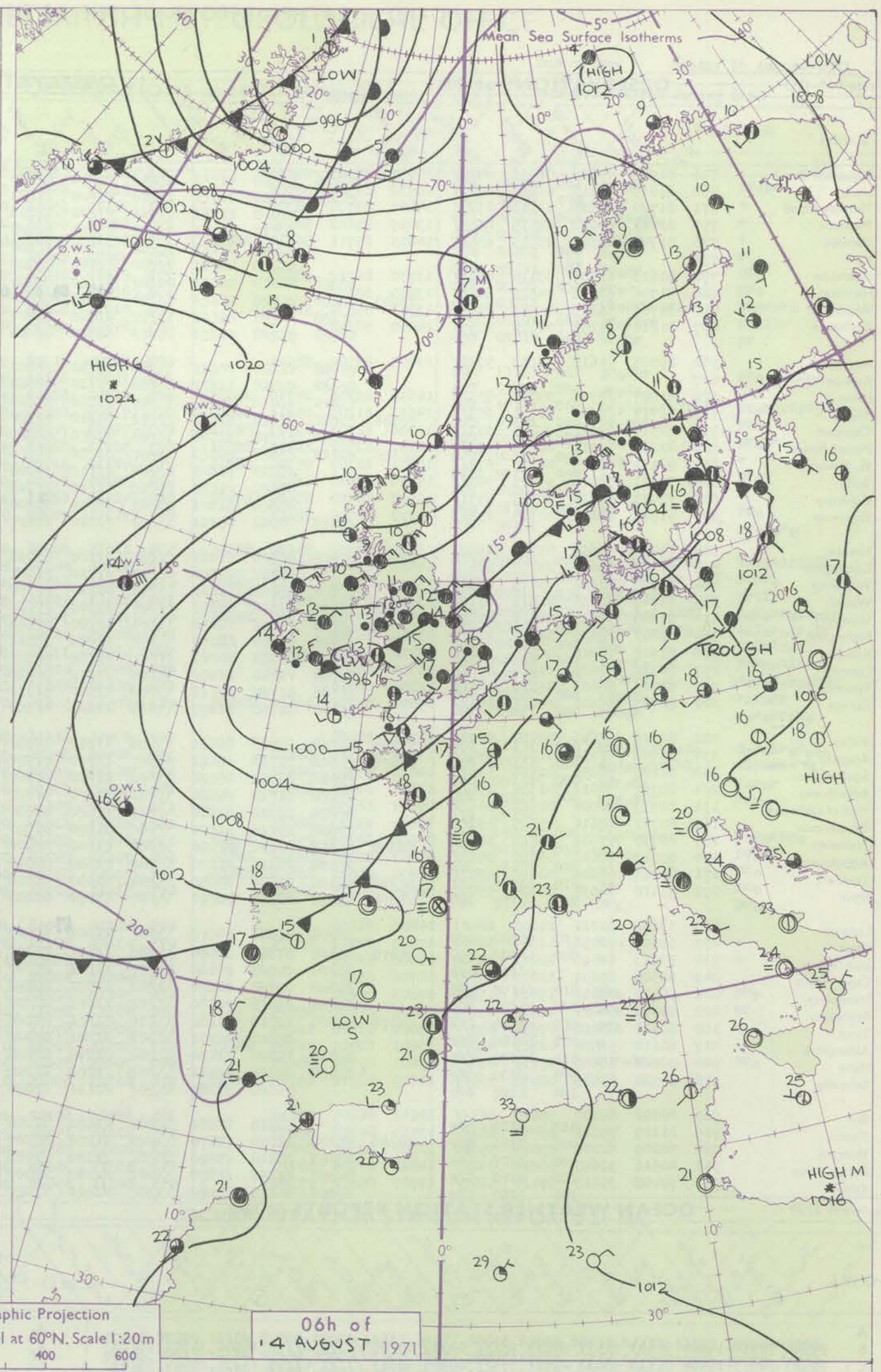
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70510	13184	83021	97034	07010	8087/	00233	88357	/////	0//09	10940	30503	/////
C	99527	70355	13184	81504	98022	19911	855//	00002	88625	/////	0//09	11227	30000	/////
D	99439	70411	13184	83314	97022	23322	854//	00603	88615	/////	0//19	12259	30302	99/03
E	99349	70481	13184	73303	98152	24826	59462	00807	85918	/////	0//22	12630	30000	15001
I	99590	70193	13184	10418	99010	21011	14500	00211	81825	/////	0//07	11305	30603	13602
J	99524	70200	13184	60218	96168	07614	59402	00219	82915	83820	0//13	11606	30404	34806
K	99449	70161	13184	82721	97606	10818	873//	00713	86710	88620	0//17	11757	30607	30003
M	99660	10013	13184	73422	97258	13210	69460	00103	86918	/////	05207	11123	30405	/////

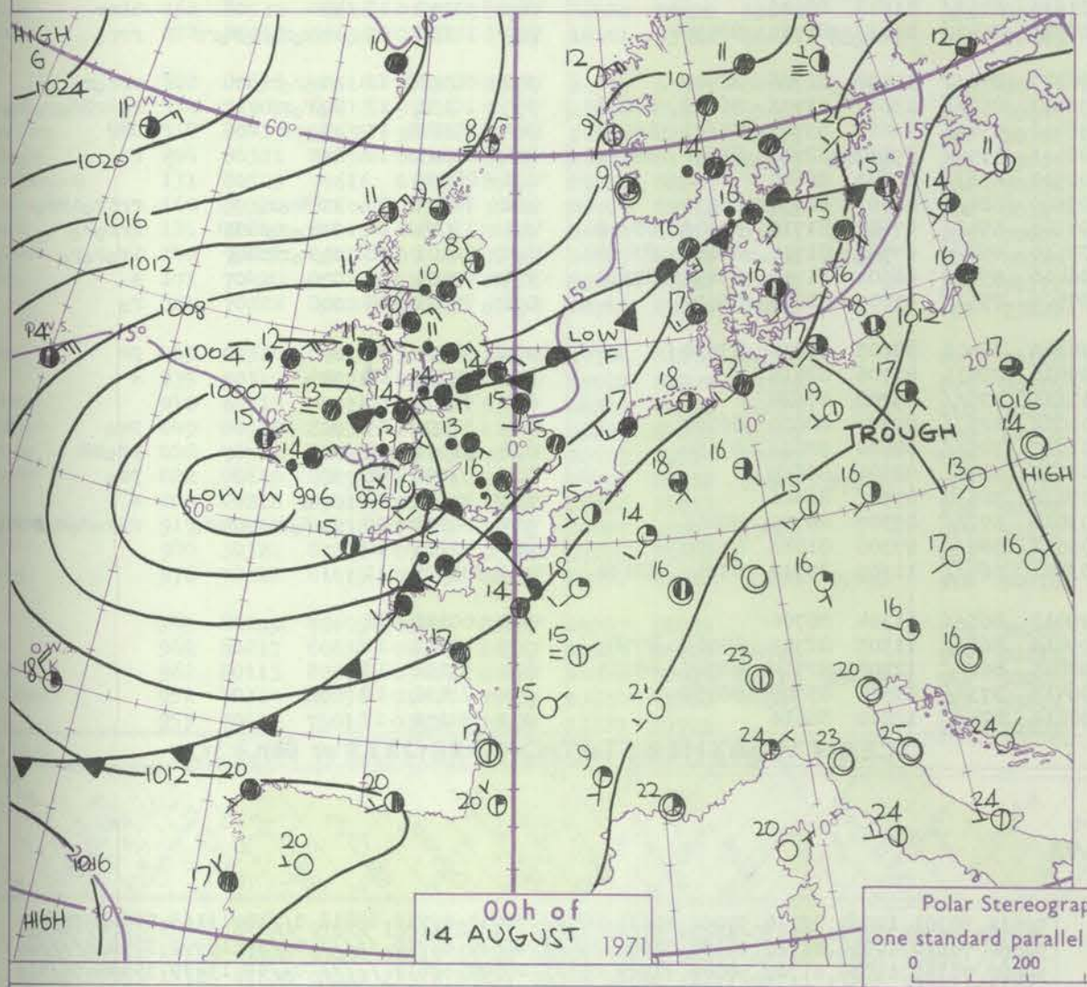
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 14 August 1971

The depression off southwest Ireland moved slowly east to southeast and another low centre near northeast England remained almost stationary. Meanwhile a trough from southern Ireland to south Denmark persisted with very little movement, producing a strong northeast flow to the north of the trough and a fresh unstable moist airstream in the south. During the next 24 hours the axis of the trough connecting these two slow-moving depressions will come slowly southwards across England and Wales maintaining cyclonic type weather over the British Isles generally.

Code FM 11.D **OBSERVATIONS at 00h.** 14 August 1971

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C_h h_s$	$8N_s C_h h_s$	$8N_s C_h h_s$
Boscombe Down	746	81920	40636	01015	872//	15735	86703	88706	
Hurn	862	81819	40616	01816	872//	15732	85704	88708	
Thorney Island	871	81720	66216	03516	872//	14821	84704	88707	
Manston	797	81611	69022	05415	855//	13819	83628	88640	
Gatwick	776	81708	45516	03915	854//	14825	83711	86618	88624
Kew	775								
Heathrow	772	81613	62586	03116	854//	13730	86712	88640	
Honington	586	81706	62616	04615	8097/	13810	88358		
Wattisham	590	81706	56216	04914	856//	13713	85630	88650	
Gorleston	497	81810	60258	05015	8097/	14400	88358		
Aberporth	502	80505	59616	98613	5722/	13723	85704	88545	
Ross-on-Wye	627								
Filton	628	81907	62516	99715	853//	14636	83706	87710	88625
Rhoose	715	81711	62606	98715	853//	14633	81709	85616	88650
Chivenor	707	82512	40626	99215	872//	15506	82703	85707	88710
Mount Batten	827	82212	59216	00815	853//	15101	82707	86715	88621
St. Mawgan	817	82111	61026	00115	872//	15801	81703	85704	88710
Scilly	804	72211	58018	99515	784//	15710	84816	86620	
Culdrose	809	72411	56036	00715	4531/	15803	82708	83630	87462
Guernsey	894	81915	60606	04315	852//	15710	82704	88612	
Elmdon	534	81207	56652	01713	6522/	13824	82705	85626	88545
Cardington	559	81104	56636	03414	854//	13820	85710	88629	
Wittering	462	81707	48636	03114	853//	13716	83708	85711	88625
Watnall	354	81706	32636	02614	6712/	13817	83702	85703	88550
Shawbury	414	81203	50636	00614	853//	13723	83708	85620	88645
Finningley	360	81602	28636	02514	873//	14810	88709		
Kilnsea	396	81912	58216	02915	3647/	13708	83710	88460	
Leeming	257	80312	48636	01914	872//	13708	88704		
Tynemouth	262	80526	48616	04012	864//	12804	88710		
Carlisle	222	80715	65606	04211	6542/	09802	82710	86630	88458
Valley	302	80610	62616	00014	8092/	13718	88458		
Ringway	334	80706	30656	01614	854//	13817	86710	88620	
Squires Gate	318	81105	30656	01914	5732/	14811	85707	88522	
Ronaldsway	204	80707	70012	01314	854//	13806	81710	88656	
Mull of Galloway	131	80933	74026	01611	856//	09601	88635		
Eskdalemuir	162	80321	48616	05109	883//	08807	83709	88635	
Prestwick	135	80715	57636	05410	853//	08000	82709	85616	87620
Abbotsinch	140	80513	70616	06710	6542/	08807	82710	85622	88460
Leuchars	171	80214	69606	08010	6557/	09804	81620	86656	88460
Dyce	091	53410	81038	09408	55400	06805	82618	84638	
Lerwick	005	33609	82011	11208	28401	06806	81815		
Wick	075	63607	82158	11309	38401	07803	82712	86075	
Sule Skerry	010	20213	81010	12211	22500	08706	82820		
Cape Wrath	049	60508	85031	12010	655//	08706	86620		
Stornoway	026	50517	82012	12411	55600	07803	85630		
Benbecula	022	50418	86012	11010	25602	06106	82630	85075	
Tiree	100	60518	85016	07911	655//	07000	81628	86650	
Aldergrove	917	80618	56586	02911	852//	10601	82705	86707	88615
Malin	980	80626	66606	05711	864//	09801	85714	88624	
Belmullet	976	80520	65506	02912	864//	11603	82712	83718	86638
Birr	965	80202	60102	99613	862//	12611	86705	86636	
Dublin	969	81105	75022	99714	851//	13710	85702	88640	
Shannon	962	50209	82022	99014	55600	12707	82635	84650	
Roches Point	952	80616	32645	96814	862//	14818	85704	88710	
Valentia	953	70408	75018	97415	5257/	13707	85822	87360	

OBSERVATIONS at 06h. 14 August 1971

iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C_h h_s$	$8N_s C_h h_s$	$8N_s C_h h_s$
746	82214	56206	00415	872//	15500	86703	88706	
862	82012	65606	01216	852//	15601	81705	85707	88650
871	72115	69016	01917	4633/	15205	81709	84712	87360
797	82016	64615	03016	7732/	15607	82709	87710	88459
776	82112	65586	01916	853//	15400	84707	85709	88620
775	72008	69026	01117	6642/	15605	85712	84626	87462
772	81910	61606	01017	6647/	15400	83712	86715	88459
586	81902	58606	00716	8577	15608	81706	87710	88622
590	81911	60586	01315	852//	15509	83704	87707	88620
497	81818	58616	01316	874//	15714	88715		
502	71304	61258	97713	785//	13803	81825	87645	
627	71907	66156	98215	783//	14400	81709	83815	87620
628	71910	62605	99016	7837/	14500	83706	84622	85645
715	71809	65016	98516	753//	14502	81709	84616	87640
707	71808	74256	98216	784//	14505	85818	84632	
827	72113	62258	99015	784//	15705	82815	86635	
817	42110	61028	98314	42300	13608	82709	83815	
804	32310	81038	98614	38400	13204	82818	83628	
809	42410	62026	99214	4843/	13605	82815	82620	
894	71711	70808	02616	782//	15711	81705	83820	86650
534	61915	80036	97915	68401	13501	82810	85640	
559	81906	64036	00316	854//	15500	86712	88620	
462	62011	66026	98815	5533/	14610	82706	84630	
354	32113	59016	97714	38500	13512	81820	83624	
414	72110	74026	96714	753//	13505	83708	84710	
360	81005	56586	98013	873//	13717	84706	88710	
396	81113	37636	98614	862//	14724	88705		
257	80507	40636	99413	3742/	13712	83710	88520	
262	80530	48636	01611	8052/	11613	88520		
222	80513	59636	01911	2542/	09613	81710	88535	
302	80516	61616	98213	873//	12502	82706	88709	
334	80508	25536	96713	852//	13617	83703	86712	88640
318	80311	56656	98412	6542/	12611	83712	85622	88556
204	80420	63636	00111	5547/	09502	82713	85640	88459
131	80620	70616	00910	856//	10203	88640		
162	80321	62626	03509	884//	07503	82714	88630	
135	80617	59616	04109	5542/	07603	81710	83616	88459
140	70612	81216	05510	4542/	07502	81715	84656	87460
171	70215	83026	06410	5543/	06504	81712	85656	87360
091	73611	82036	07509	755//	07607	81626	86630	
005	40318	67018	10110	38401	08603	81814	83630	
075	43608	80031	09910	28431	08706	82814		
010	70213	66808	11111	735//	09708	87920		
049	60510	83022	11010	2257/	09704	82820	86360	
026	70619	82252	11710	785//	08500	82820	87630	
022	40312	89031	10610	48401	08301	83817		
100	50421	87012	07610	38532	07301	81826		
917	80515	62586	03010	6722/	09307	86705	88458	
980	70425	85026	05512	784//	07303	81816	87650	
976	80323	65025	03812	864//	11309	85712	83717	88638
965	80209	60102	99013	863//	11304	88706		
969	80614	65586	99413	862//	11305	82703	85705	87707
962	80215	58505	98813	862//	12208	82704	86707	88710
952	83517	35639	96413	3732/	13301	83707	88530	
953	80311	65028	98214	824//	12210	88616		

OBSERVATIONS during NIGHT

iii	$RRT_n T_n E$	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	06141	13	rororRro	rdopro
862	09151	15	drdrDrroro	iroRr
871	01151	15	irorr	iro
797	01141	12	irododo	idororo
776	03151	14	rododrdoror	dorodororro
775	01151	14	rorroro	ropro
772	01151	14	rorodrdor	do-ro
586	01141	13	roro-ror	rdoro-do-ro
590	01141	13	iroidororo	rrdoroiro
497	02152	14	pro	irororo
502	14122	11	rrroropr	propR
627	07131	13	rorr	pro
628	15131	13	dororRrdrdo	ropropRpRpR2
715	08141	13	Rrrrroiro	iroirpro
707	04141	13	roroRr	pro
827	06151	14	roroiro	pRpro
817	01141	12	iropro	jp
804	01132	12	pr	propr
809	02141	13	iro	pr
894	08151	15	dorodrroro	propRpR
534	12131	13	rrRRroro	pr
559	03141	13	rororR	roriro
462	09131	13	rorrRro	roro
354	15131	13	roroRRR	RRrro
414	16131	13	rrRrododoro	rrodoro
360	11131	13	rororr	rorRRdrdoro
396	09132		irR	RRrr
257	19122	12	RRrr	rororrrd
262	31112	10	rr	RRrr
222	14102	09	rrdorodororr	rrro
302	08132	12	irorororr	rrroro
334	16131	13	rororR	rodrRdorodro
318	29112	11	rorrR	RRr
204	05111	10	ir	rr
131	08091			
162	10081	08	rrRroro	rrirorro
135	12091	08	irrororrRR	rrroro
140	02101	08	rororriro	irororo
171	97101	09	iro	+
091	97071	04	ro	ro
005	91071	05	+	pr
075	97091	06	pro	+
010	91100	08		
049	97091	09	+	pro
026	01091	08	+	propR
022	97091	06	+	pro
100	97101	09	iro	+
917	06102	09	dododororo	rorodororrro
980	02111	10		
976	95121	11		
965	00111	11		
969	92112	11		
962	97131	13		
952	23131	12		
953	94131	13		

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

O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C_h h_s$	$8N_s C_h h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_w$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A														
B	99564	70510	14004	92403	91471	09810	9////	00310	89/00	/////	0//10	10940	30301	99/02
C	99527	70355	14004	81210	98022	21211	854//	00105	88617	/////	0//09	11235	30000	99/01
D	99439	70409	14004	83308	97022	23822	855//	00305	88625	/////	0//20	12250	30302	99/03
E	99349	70481	14004	32403	98012	25225	33500	00308	83920	/////	0//21	12701	30100	15701
I	99590	70193	14004	50413	98031	22111	555//	00301	85625	/////	0//06	11300	30503	10804
J	99524	70200	14004	70424	98018	11214	784//	00215	83818	87625	0//11	11592	30504	03807
K	99448	70160	14004	23118	97026	11417	25600	00104	82640	/////	0//13	11746	30504	27806
M														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C_h h_s$	$8N_s C_h h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_w$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99614	70301	14064	82114	97032	21611	884//	71717	82712	83818	0//10	11168	30202	99/03
B	99564	70510	14064	81725	94104	05009	864//	00630	88710	/////	0//09	10942	30403	/////
C	99527	70355	14064	81710	98022	21012	855//	00500	88617	/////	0//09	11230	30000	99/01
D	99438	70409	14064	73314	97022	23021	755//	00602	87625	/////	0//19	12249	30302	99/03
E	99349	70481	14064	43302	98030	23925	32401	00709	83815	/////	0//21	12691	30000	/////
I	99589	70193	14064	40211	99011	21910	35542	00801	82625	/////	0//07	11318	30503	10804
J	99523	70200	14064	70330	97018	13614	784//	00317	82818	87630	0//09	11604	30606	01110
K	99449	70159	14064	62914	97031	11316	65600	00301	86633	/////	0//14	11733	30504	27805
M	99656	70011	14064	73113	97808	14007	6946/	62400	86915	/////	05705	11104	30303	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40078

Date of Issue Sunday 15 August 1971

Code FM 11.D OBSERVATIONS at 12h. 14 August 1971

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	62224	74038	99919	69500	13304	82925	85827	
Hurn	862	62217	75256	01618	53431	13211	81912	84815	
Thorney Island	871	62218	80028	02119	62400	15307	86816		
Manston	797	81818	56602	02517	873//	16808	83706	88709	
Gatwick	776	52216	80216	01218	52300	16806	81707	85814	
Kew	775	41810	82258	00319	42400	16808	84815		
Heathrow	772	41813	75218	00219	32430	16609	82711	83815	
Honington	586	71716	74256	00620	785//	14805	84822	86635	
Wattisham	590	71814	75808	01318	784//	14804	85816	87650	
Gorleston	497	61720	60026	01119	31438	15803	83815	86275	
Aberporth	502	72602	62959	97814	793//	13307	81708	87915	
Ross-on-Wye	627	62008	82808	97717	52543	13701	85820		
Filton	628	52417	74289	99119	49462	13802	82918	83828	
Rhoose	715	72415	65808	99216	694/3	13208	82817	86925	
Chivenor	707	52417	82028	99718	59503	13111	82920	83822	
Mount Batten	827	42322	74019	01318	49460	12112	84916		
St. Mawgan	817	42419	78021	00518	39402	11110	82915		
Scilly	804	62413	65158	01217	58402	14215	83818	85623	
Culdrose	809	72713	30818	01415	794//	14215	84915	83818	
Guernsey	894	12320	80020	04417	11400	15212	81816		
Elmdon	534	62109	59018	97618	43438	15706	81710	84920	
Cardington	559	81815	59959	99416	834//	15807	86915	88630	
Wittering	462	72015	59812	97919	794//	14813	83918	86630	
Watnall	354	72305	48299	98216	734//	15802	83915	83820	85645
Shawbury	414	61805	80018	97318	6946/	13805	83915	85818	
Finningley	360	72310	69036	97919	785//	13302	86825	87650	
Kilnsea	396	62314	66036	98519	4857/	16007	84825	86360	
Leeming	257	80318	40536	99312	872//	12002	81704	87705	88709
Tynemouth	262	80532	48616	01012	835//	10400	82920	88630	
Carlisle	222	80613	56636	01912	6532/	10101	83708	86614	88540
Valley	302	80618	40516	98813	852//	11104	83705	84706	86710
Ringway	334	71902	60216	97416	753//	13004	84708	85650	
Squires Gate	318	80415	58636	98612	854//	11204	82612	88615	
Ronaldsway	204	80321	61636	00812	6547/	08306	81715	86650	88459
Mull of Galloway	131	80525	74616	01311	856//	09204	88640		
Eskdalemuir	162	80320	62606	02910	3842/	08400	82712	88556	
Prestwick	135	70615	82016	04613	5842/	06400	82815	83625	85640
Abbotsinch	140	70422	86022	05513	785//	06501	81820	84630	86656
Leuchars	171	70420	83022	05813	28508	09603	82822	87270	
Dyce	091	70222	80026	06813	68432	08705	85819	87070	
Lerwick	005	60319	80018	10013	18430	07704	81815	86360	
Wick	075	50317	82021	09913	22530	09002	82822	83359	
Sule Skerry	010	60313	74018	11812	635//	08202	83920	86625	
Cape Wrath	049	80510	82038	11611	4253/	09204	84820	88360	
Stornoway	026	70421	82028	12313	784//	10103	82816	87630	
Benbecula	022	70619	82158	11314	784//	08201	83818	85640	87645
Tiree	100	20218	89011	08715	28400	09002	81818		
Aldergrove	917	70417	80216	04812	4847/	08107	82716	87460	
Malin	980	30321	89011	07414	18502	07108	81820		
Belmullet	976	70321	81015	07315	4843/	09217	81718	83638	85358
Birr	965	80209	70605	03712	864//	09223	88714		
Dublin	969	80217	60638	02611	863//	10217	85708	88710	
Shannon	962	80113	82506	03414	864//	10227	82712	85717	88625
Roches Point	952	70314	80256	01116	784//	13230	87818	84645	
Valentia	953	70413	75016	03514	764//	11227	87715		

OBSERVATIONS at 18h. 14 August 1971

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	62316	74258	03015	42432	13217	84818	83362	
862	62311	68011	04417	624/1	13111	82710	85825	
871	42320	81021	04517	41470	13213	84817		
797	12222	84016	03818	12540	11212	81825		
776	42418	80011	04217	48501	12116	84828		
775	42213	80258	03217	48502	12322	83828		
772	52215	70808	03118	58500	11222	83822	83656	
586	72213	66818	02015	69563	13225	85925	85360	86068
590	72519	56928	02816	795//	14326	85924	85830	
497	62112	60258	00818	43430	13314	84918	85358	
502	83321	80039	02713	884//	12330	86810	88645	
627	72107	80809	01115	68542	13213	82820	86650	
628	72309	61818	02215	794//	14113	83914	85822	
715	72515	70159	01816	59463	12212	83818	82925	86359
707	72913	74818	03015	6945/	14218	81715	84920	
827	72108	63028	03716	794//	15209	83818	82920	85630
817	22712	80011	03717	28541	14217	82820		
804	53009	81031	05317	52400	15327	85818		
809	32908	80028	03416	38500	14210	83820		
894	62117	70151	06317	695//	12104	82920	85635	
534	72209	81029	00716	38572	12217	81820	83650	86360
559	22009	74019	01916	19562	13119	81920		
462	72307	74299	01214	29563	12221	81925	87070	
354	70000	56179	00614	79473	13220	81812	81915	83830
414	62710	69259	00716	693//	13223	81707	83916	
360	72909	56959	00414	795//	13123	83925	86650	
396	62720	58299	98114	33571	12504	83920	85360	
257	83616	48586	01711	872//	10218	86704	88708	
262	80229	61616	01812	4742/	11205	84710	88535	
222	80407	62636	04811	854//	09219	84712	88630	
302	80317	66605	03512	852//	11228	81705	83708	88612
334	80605	59219	00913	754/2	11231	81712	83625	87656
318	80314	70606	02412	854//	09332	83615	88625	
204	73615	75616	04912	1847/	08224	81715	87358	
131	70216	78016	05811	2147/	08218	81818	87458	
162	80317	69216	05210	3847/	07314	81712	88459	
135	70605	80252	06713	68431	09214	81816	83635	85648
140	60120	86018	06815	58532	04212	81828	84650	
171	70112	82028	06614	685/2	08208	82820	83632	85650
091	73624	80028	07412	784//	09306	81714	83822	87632
005	70118	80032	10411	784//	07302	82815	87645	
075	80215	70032	10711	884//	09206	82818	84820	87635
010	70213	74028	12711	735//	08205	84920	87625	
049	60510	82808	12811	685//	09206	84820	86625	
026	60222	82028	14011	3253/	08209	83824	86361	
022	70216	84028	13413	783//	08116	81708	84815	87640
100	20222	84010	10414	18630	10215	81830		
917	70112	84802	07215	68532	07211	84822	86640	
980	53623	82031	09314	585//	11210	81820	85650	
976	50416	85031	11314	585/2	08221	84821		
965	30208	82016	08314	28502	07222	81823		
969	80213	70206	07212	854//	07227	83716	85635	88656
962	30108	83015	09115	38500	09227	81825	83650	
952	73614	80022	08114	784//	09231	83817	87640	
953	70309	75012	09514	785//	09233	83820	87650	

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	02201	061	pr_opr	pr_opr
862	97191	078	pr_o	+
871	96201	082	r_opr	+
797	02210		ir_oiR	+
776	06201	060	r_orR	+
775	91211	067	pr_opr	pr_o
772	01221	055	pr_oR	pr_o
586	03211		$pr_oprpRpr_o$	$pRprpr_o$
590	05201	042	pr_oiRrr	pr_otlr
497	01212	050	ir_opr	pr
502	13151	012	pr_otpr	pr_o
627	95201	042	pr_oto	pr_o
628	17191	065	$pr_otlo_or_oTLrtl$	$pr_oprpRpR_2$
715	93191	060	pr_oprt_o	pr_o
707	01191	080	pr_o	pr_opr
827	96181	095	pr_ot	+
817	91191	099	jp	pr_o
804	04201	109	pR	+
809	01180	066	pr	pr_o
894	94191	085	+	$pr_od_or_o$
534	03201	027	pr_oprtlr_otlr	$tlr_otlrtlHR$
559	13211	060	$tlTLRpr_opr$	$prpr_o$
462	07211	030	$prtlH_2R_2$	prtlr
354	19201	027	$pRto_lo_rtlHR$	$to_lorr_opr_opr$
414	03181	033	$pr_oprto_lo_r_o$	$to_lo_rpr_opr$
360	14211	044	pr_o	$tlRtlr_otl$
396	06212	047	$tlrtr_otlr$	$prtr_otlrtr_o$
257	08132	000	$drdrddd_or_o$	$d_or_od_or_odrdr$
262	13122	000	rrr_or_o	r_or_orr
222	10121	000	rrr_or	$r_or_orr_or_o$
302	06131	000	$rrr_or_odrd_od_o$	$d_od_oir_od_od_o$
334	09181	009	$r_od_or_opr_otl$	tlR
318	03131	000	Rrr_or_o	r_or_or
204	07121	000	r_or_orrR	rrr_o
131	05111			
162	05101	000	$ir_err_or_o$	$r_or_orir_o$
135	91151	014	r_or_o	pr_o
140	91171	022	+	pr_o
171	97151	016	jp	pr_o
091	97151	052	pr_o	pr_o
005	00130	073	+	+
075	00141	060	+	+
010	97140			
049	97111	018	pr_o	pr_o
026	92131	042	pr_o	pr
022	91151	030	pr_o	+
100	00161	121	+	+
917	97151	018	$r_or_oir_o$	pr_o
980	0014	076		
976	9716	046		
965	0114	018		
969	1612	000		
962	9715	008		
952	0717	021		
953	9215	001		

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

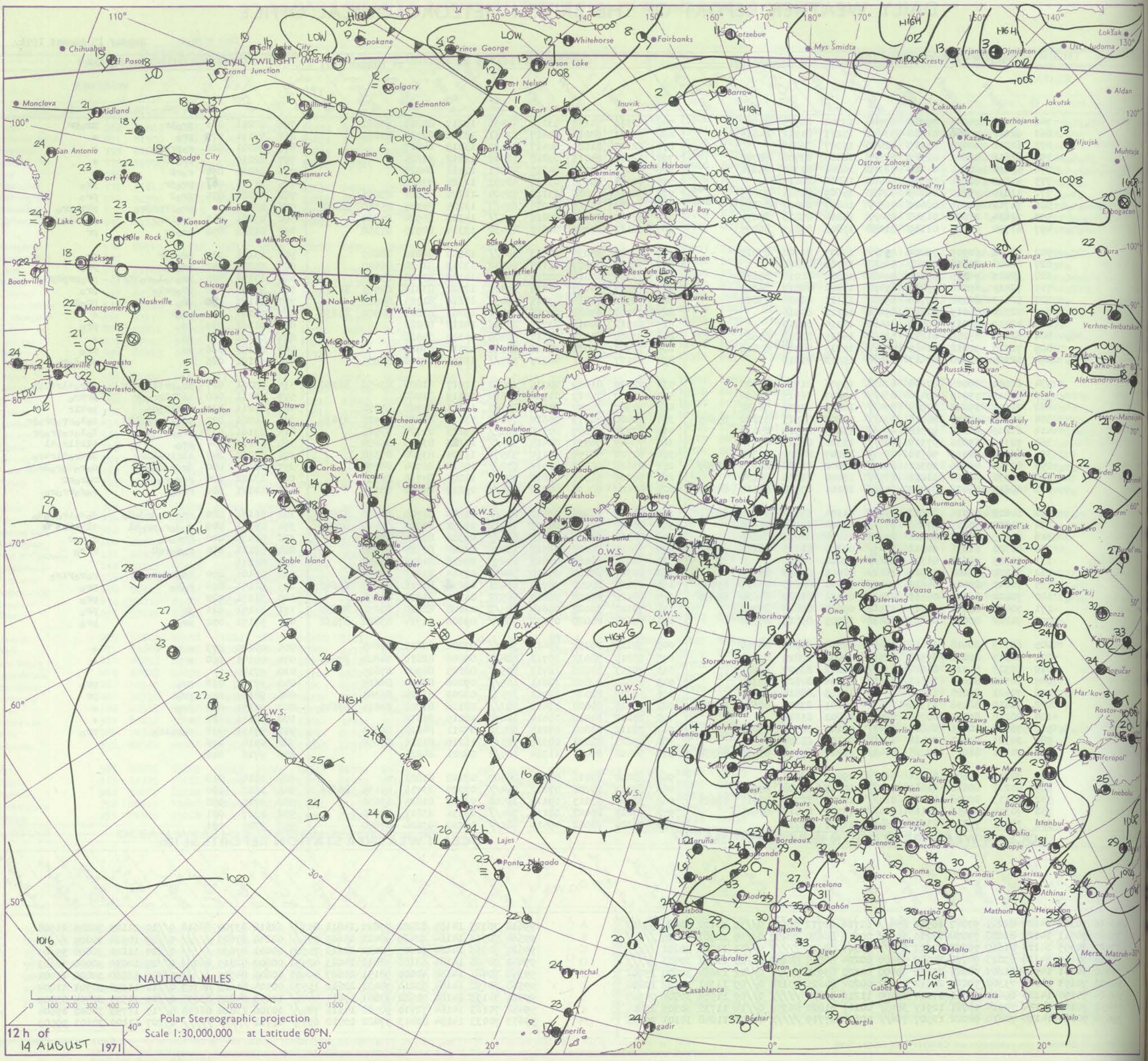
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70313	14124	82221	97022	18511	854//	61716	82712	88618	0//10	11122	30404	99/02
B	99565	70511	14124	82028	97034	02210	6552/	00612	86630	88457	0//10	10901	30806	/////
C	99527	70355	14124	81610	98022	22312	855//	00303	88620	/////	0//11	11228	30201	/////
D	99439	70409	14124	63013	98032	24022	68400	00204	82815	84640	0//20	12221	30403	/////
E	99350	70481	14124	31203	98021	25226	39400	00100	83915	/////	0//22	12664	30000	15001
I	99589	70193	14124	73308	99021	22612	45502	00202	84625	83168	0//09	11341	30502	10804
J	99524	70198	14124	20423	99021	17014	28500	11216	81820	/////	0//09	11564	30504	04908
K	99452	70163	14124	72914	98031	12917	3853/	00107	81820	86358	0//14	11736	30503	27804
M	99654	70020	14124	72810	98022	13507	764//	00805	87719	/////	05504	11048	30101	99503

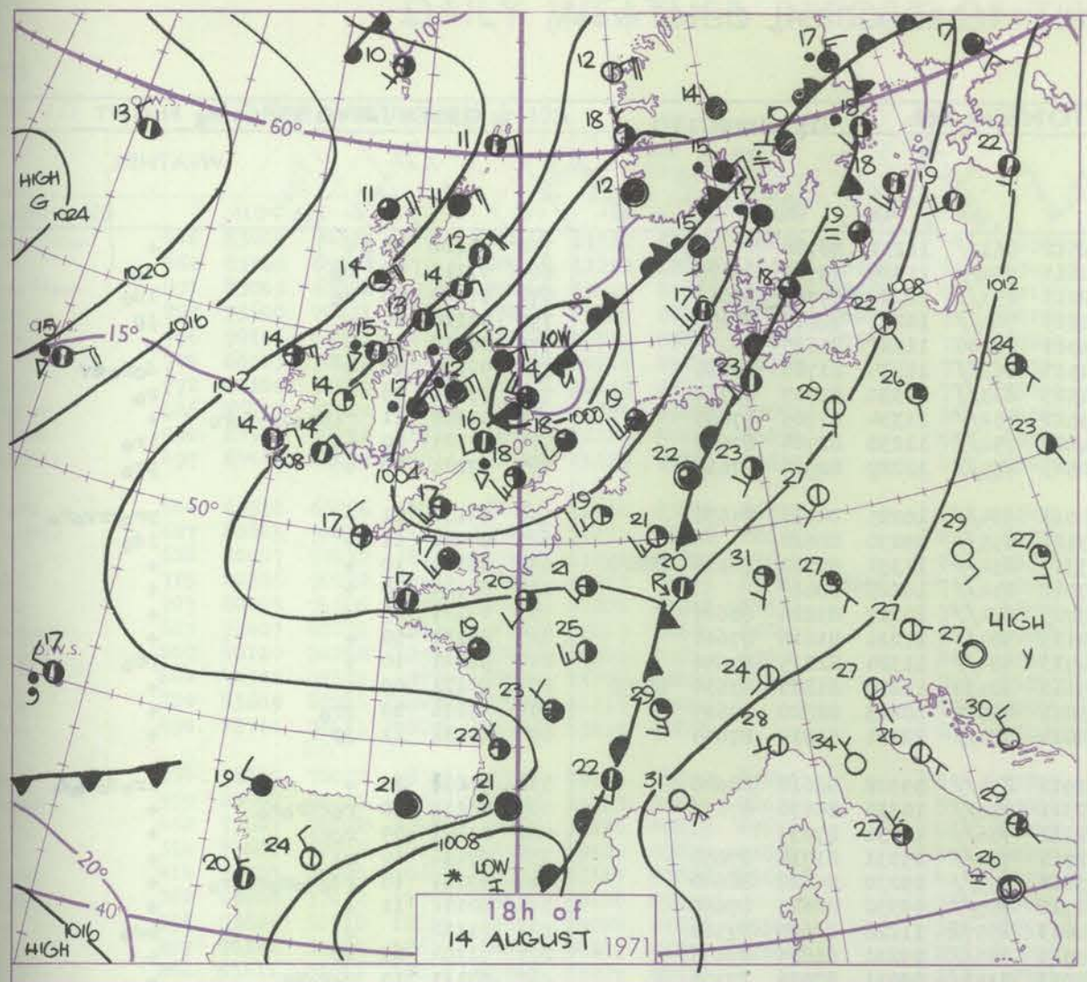
OCEAN WEATHER STATION REPORTS at 18h.

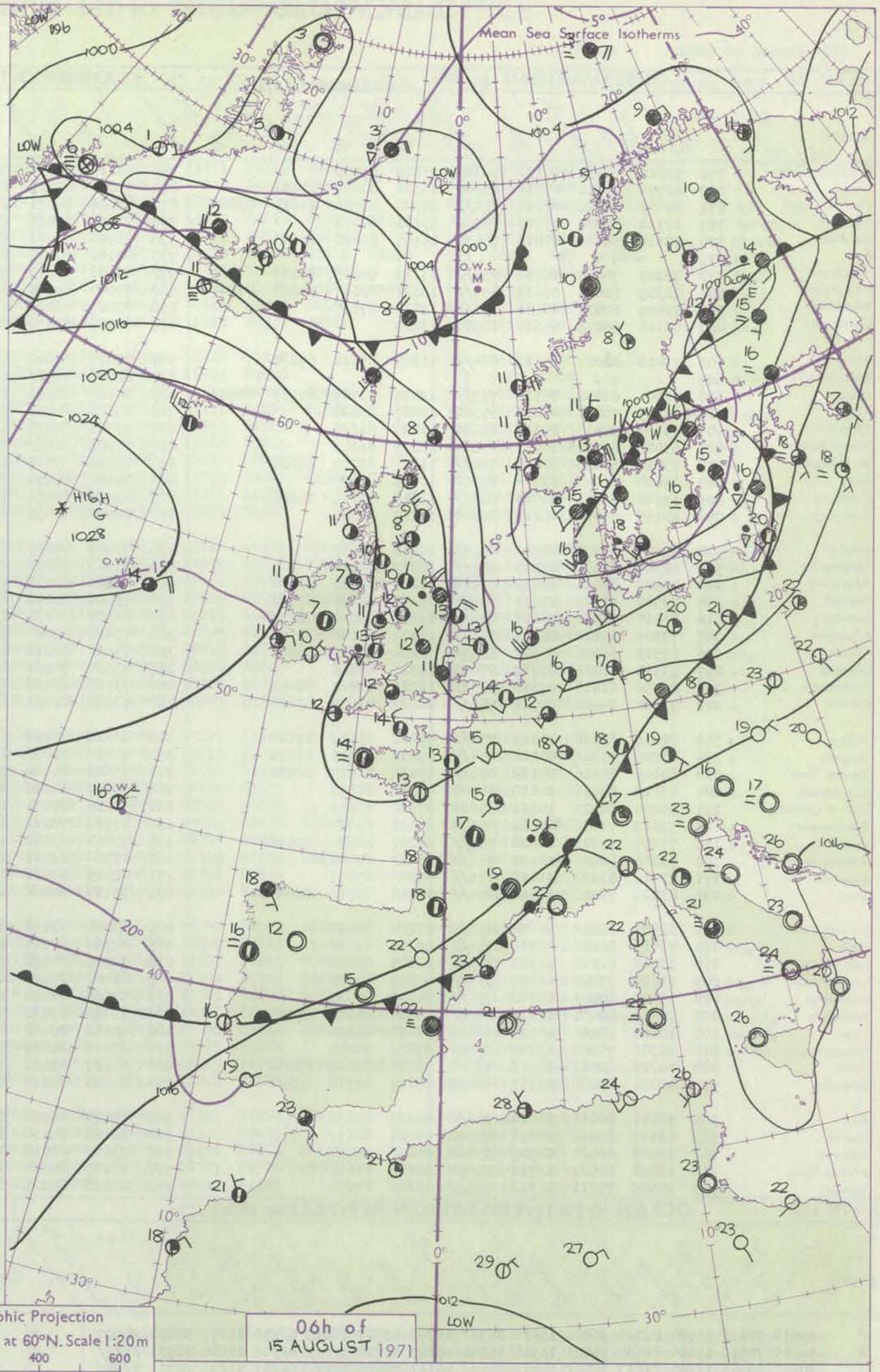
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70325	14184	82222	97022	14811	853//	62618	83708	88618	0//10	11103	30606	21908
B	99564	70513	14184	72439	98022	05609	755//	00240	87625	/////	0//07	10904	30809	/////
C	99527	70355	14184	71805	98022	22613	75500	00001	87630	/////	0//10	11201	30000	99/03
D	99440	70408	14184	63108	98012	24023	42431	00802	82815	860//	0//20	12232	30000	30603
E	99350	70481	14184	40000	98151	24627	49400	00606	84915	/////	0//26	12660	30000	15001
I	99588	70192	14184	73210	98031	22612	15572	00504	81625	86363	0//10	11358	30501	11804
J	99526	70193	14184	70522	97801	19614	4446/	11213	84815	83635	0//10	11575	30504	03009
K	99452	70163	14184	72710	98588	14116	785//	00306	83820	86640	0//15	11755	30000	29804
M	99653	70033	14184	82413	97022	10710	6577/	62711	/////	/////	05207	11100	30101	99503

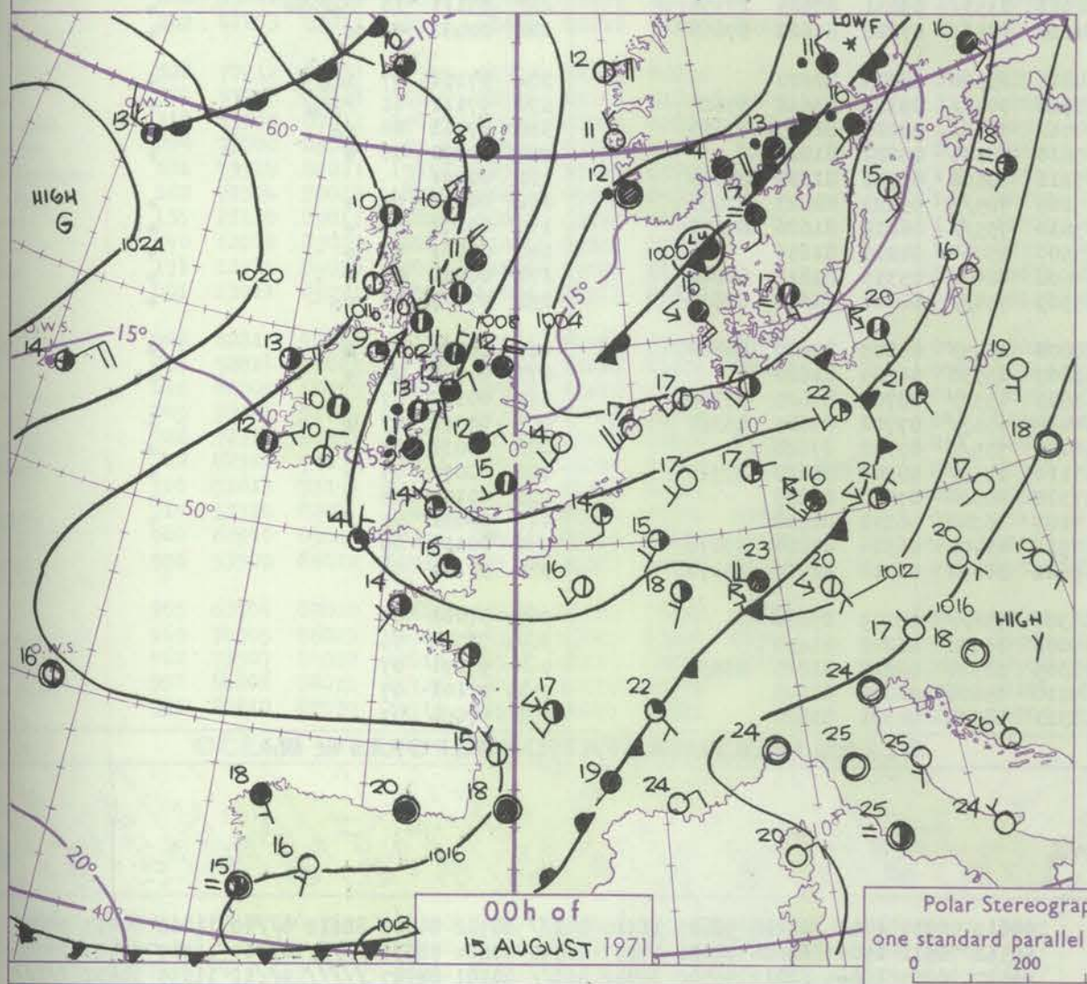
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 15 August 1971

Pressure has risen strongly over most parts of the British Isles as the thundery lows over central regions moved rapidly away northeast into Scandinavia and a ridge of high pressure moved southward across northern districts. This ridge is expected to make further southward progression during the next 24 hours as a trough associated with a north Atlantic low moves eastwards towards Scotland.

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

Code FM 11.D **OBSERVATIONS at 00h.** 15 August 1971

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	52810	66031	07113	56300	13219	85708		
Hurn	862	62707	65016	07515	65500	14314	82620	86656	
Thorney Island	871	82409	62026	07216	854//	14307	81710	84619	88640
Manston	797	22112	82030	07714	25700	10111	82650		
Gatwick	776	72310	70021	07015	785//	14107	82820	86643	
Kew	775								
Heathrow	772	72205	70028	06715	754//	13113	84615	85623	
Honington	586	72309	62038	06015	754//	13221	82617	85622	87645
Wattisham	590	72409	60036	06514	756//	13218	87635		
Gorleston	497	02110	60028	05614	00900	13220			
Aberporth	502	73418	83022	09312	784//	11227	85812	87630	
Ross-on-Wye	627								
Filton	628	72804	62058	07513	753//	12228	83709	85713	87628
Rhoose	715	32909	70038	07811	35500	10227	83624		
Chivenor	707	13108	74018	09313	15600	11228	81630		
Mount Batten	827	63008	69031	10014	65600	12233	86643		
St. Mawgan	817	73411	69038	10614	784//	11126	83711	86640	
Scilly	804	23604	81022	12214	25500	12226	82625		
Culdrose	809	63508	69808	10713	685//	12218	82820	84626	
Guernsey	894	22415	65018	10215	26300	14217	82708		
Elmdon	534	80207	63032	07112	855//	10232	88622		
Cardington	559	82307	62031	06514	855//	13222	88624		
Wittering	462	53502	62016	06812	55300	11229	83708	83620	
Watnall	354	73507	61029	07611	4567/	09231	84638	87362	
Shawbury	414	83410	58582	08611	854//	09240	84618	88630	
Finningley	360	73309	80029	06912	756//	10114	87648		
Kilnsea	396	83515	66026	05512	6857/	11260	86825	88360	
Leeming	257	53514	66036	07712	55400	10323	85616		
Tynemouth	262	83530	61816	07112	3352/	12226	83925	88458	
Carlisle	222	73604	74026	09911	755//	08224	83622	87650	
Valley	302	70216	69606	10213	754//	09231	83617	87628	
Ringway	334	83205	75216	08212	854//	09232	81615	88632	
Squires Gate	318	60109	84016	09112	655//	09126	81625	86656	
Ronaldsway	204	13612	84016	10811	18500	07226	81820		
Mull of Galloway	131	30225	82021	10211	34600	07316	83640		
Eskdalemuir	162	53613	74036	10509	55600	05126	85633		
Prestwick	135	73405	75021	12610	755//	06227	82626	87656	
Abbotsinch	140	73306	82031	12410	756//	05123	87640		
Leuchars	171	73510	83028	11211	756//	07221	87647		
Dyce	091	83520	70216	10811	854//	08218	83713	88626	
Lerwick	005	83509	80032	11608	855//	05204	88620		
Wick	075	73415	82022	12910	756//	09209	87632		
Sule Skerry	010	73209	82022	14310	755//	02207	87625		
Cape Wrath	049	73602	85022	14610	755//	07207	87625		
Stornoway	026	73405	80021	16210	756//	06209	87635		
Benbecula	022	73512	82031	16511	785//	06212	81825	87643	
Tiree	100	10122	84010	15311	18600	08221	81830		
Aldergrove	917	20306	75028	13309	25700	07227	82650		
Malin	980	40222	82011	14412	48500	10221	82820	83650	
Belmullet	976	40214	83038	16113	48400	08119	81718	83821	
Birr	965	73101	80011	14610	756//	08225	87635		
Dublin	969	43107	80011	12611	45800	09221	84657		
Shannon	962	23509	82021	14909	25800	08228	82657		
Roches Point	952	13608	80021	13710	15600	08118	81645		
Valentia	953	70605	75011	15112	757//	08122	87650		

OBSERVATIONS at 06h. 15 August 1971

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	80110	59051	12512	863//	11231	88706		
	862	72806	65018	12613	754//	11329	83712	87625	
	871	82806	66021	12013	853//	12226	84709	88613	
	797	72605	80021	10815	784//	14221	82818	87656	
	776	12503	61021	11311	15400	11225	81615		
	775	80106	62022	11513	863//	11234	81707	88710	
	772	83608	57011	11513	863//	11330	82707	88712	
	586	73007	59026	11512	752//	11334	81705	87645	
	590	73407	56215	11212	752//	11230	82704	87645	
	497	72707	62031	10513	735//	12229	82920	87625	
	502	73417	66802	14013	734//	10225	84912	87630	
	627	80000	70021	13111	855//	09230	88620		
	628	80107	58052	13313	854//	11331	82710	86616	88628
	715	83405	64031	13012	854//	10228	88612		
	707	83505	82031	13713	884//	10227	83816	88627	
	827	73007	66032	14113	784//	11221	81818	87640	
	817	73508	69022	14713	784//	11324	82815	87640	
	804	50102	81031	15612	38530	11219	81820	83630	85358
	809	43602	82011	15011	48500	10223	82820	84625	
	894	72908	82031	14014	784//	12221	81814	87645	
	534	83407	61215	12912	854//	09328	86618	88640	
	559	73303	58036	12311	756//	10331	84630	87635	
	462	73207	62011	12212	756//	10231	87635		
	354	73506	58022	12911	754//	09331	81714	87650	
	414	83308	66036	13811	855//	09230	84622	88640	
	360	73410	62022	12712	755//	09332	82625	87650	
	396	73622	66012	10013	2557/	11228	82620	87360	
	257	73514	74031	13511	785//	09231	81825	87635	
	262	73526	66028	12911	2353/	09231	82925	87358	
	222	73602	82021	14610	785//	07226	81620	87648	
	302	20212	78036	14811	25500	08223	82620		
	334	73406	65022	13712	754//	09329	83618	87628	
	318	73608	84022	14712	785//	08228	81825	87650	
	204	33607	84010	15610	38501	05222	81825		
	131	50215	84031	15611	58500	09221	81820	85640	
	162	73502	78021	15209	785//	05223	82823	87630	
	135	73403	83022	15810	755//	06216	81626	87650	
	140	12406	89011	15507	15740	04215	81656		
	171	42505	89011	14608	48440	05315	81818	84640	
	091	73114	80022	13909	754//	06216	81616	87620	
	005	63008	83031	10808	2555/	05803	82620	86364	
	075	22707	84011	13807	15530	06305	81628		
	010	72909	84022	13511	4557/	08702	84625	87360	
	049	62704	85031	14410	5553/	07702	85625	86360	
	026	72206	86021	16007	755//	07502	87628		
	022	73008	87031	17111	1555/	08302	81625	87360	
	100	43512	89011	17311	28502	07212	81825		
	917	23502	80011	17107	16302	06218	81708		
	980	53615	89021	17911	41402	06314	84818	83070	
	976	70208	83012	19611	38432	08318	81716	83070	
	965	70000	66021	18307	756//	06209	87636		
	969	13108	84010	17008	15700	06221	81650		
	962	33607	82010	18309	38500	08222	81825	83650	
	952	10107	80020	17210	15600	08322	81645		
	953	20808	80021	18311	28500	08321	81820		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
	746	00111	08	+	+
	862	97111	08	r_o	d_o
	871	97120	08	r_o	id_o
	797	00120	10	+	jp
	776	00111	08	+	+
	775	92131	12	+	$d_or_od_r$
	772	97131	08	+	r_o
	586	01121	11	$r_oR_Rr_od_o$-d_or_o	+
	590	97121	10	id_o	ir_o
	497	97121	09	+	pr_o
	502	06112	11	+	$pr_or_Rr_Rr_or_o$
	627	97111	11	+	id_o
	628	00121	10	+	+
	715	00101	08	+	+
	707	00121	09	+	+
	827	00131	10	+	+
	817	91121	10	+	pr_o
	804	00121	09	+	+
	809	97110	09	pr_o	+
	894	00131	11	jp	+
	534	97110	10	+	ir_od_o
	559	03111	10	$r_or_Rr_Rr_or_o$	+
	462	01101	09	r_or	+
	354	97111	10	r_o	+
	414	93111	10	$id_od_or_Rr_Rr_or_o$	+
	360	00111	11	+	+
	396	91112		+	pr_o
	257	91101	08	dr	+
	262	93111	10	r_or_opr	+
	222	00081	03	+	+
	302	97101	07	ir_o	+
	334	97111	11	r_or_o	+
	318	97111	08	r_o	+
	204	00091	06	+	+
	131	00091			
	162	00071	04	+	+
	135	00101	06	+	+
	140	00061	00	+	+
	171	00081	05	+	+
	091	97091	07	r_o	+
	005	00070	05	+	+
	075	00060	04	+	+
	010	00100	07		
	049	00091	07	+	+
	026	00031	51	+	+
	022	00070	05	+	+
	100	00101	08	+	+
	917	00061	01	+	+
	980	00111	08		
	976	97101	08		
	965	97061	03		
	969	97081	06		
	962	97091	07		
	952	97101	07		
	953	97091	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	99618	70332	15004	82320	96026	13410	863//	00803	83707	88610	0//10	11077	30404	20907
B	99565	70516	15004	12334	98021	11908	15500	00223	81630	/////	0//06	10900	30911	/////
C	99527	70355	15004	81813	98022	24412	855//	00111	88625	/////	0//11	11236	30301	/////
D	99440	70410	15004	83316	98022	25522	854//	00110	88618	/////	0//20	12221	30302	/////
E	99349	70482	15004	41003	98151	25325	32502	00107	83820	/////	0//21	12666	30000	10802
I	99587	70192	15004	72914	98022	23012	1557/	00801	81625	87460	0//08	11327	30502	11804
J	99527	70190	15004	50418	98038	22814	48401	11212	82818	83630	0//10	11551	30504	03008
K	99451	70161	15004	10000	98026	16516	18500	00211	81820	/////	0//14	11732	30000	31804
M	99650	70045	15004	81221	97012	07709	6657/	00717	/////	/////	05108	11067	30305	/////

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	70331	15064	82218	96205	11310	852//	00712	84705	88610	0//10	11008	30403	99/06
B	99562	70512	15064	62628	98021	17107	65500	00224	86630	/////	0//05	10907	30403	23908
C	99527	70355	15064	82012	96502	24712	863//	00101	88707	/////	0//12	11235	30402	/////
D	99441	70413	15064	43611	97216	25520	27320	00101	82706	84450	0//18	12288	30303	/////
E	99350	70481	15064	41107	98030	24525	38501	00805	82820	/////	0//19	12634	30000	10802
I	99587	70193	15064	72918	98022	22612	784//	00302	82817	87650	0//09	11314	30504	/////
J	99528	70185	15064	60418	98012	24513	11432	11310	81818	86075	0//09	11577	30404	03007
K	99452	70161	15064	10406	98030	17116	18500	00307	81820	/////	0//14	11741	30000	31903
M	99649	70047	15064	83120	97022	06308	864//	00302	/////	/////	05505	11070	30305	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40079

Date of Issue Monday 16 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 15 August 1971

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	83405	74022	17714	854//	11122	86712	88620	
Hurn	862	83303	65025	17916	885//	11222	82822	85625	88640
Thorney Island	871	83003	66025	17516	884//	12123	83817	87625	88640
Manston	797	73608	70031	16716	784//	13225	82710	84814	86645
Gatwick	776	70106	64011	16916	784//	11125	83816	84620	87645
Kew	775	60503	70016	16917	3847/	12119	81819	86357	
Heathrow	772	60106	64016	17118	685//	11219	84822		
Honington	586	73413	78012	16816	785//	11224	83825	87650	
Wattisham	590	83511	70252	16516	884//	11223	84816	88650	
Gorleston	497	63417	62018	15816	68400	11223	83815	86630	
Aberporth	502	63610	66256	18714	684//	11116	83818	86630	
Ross-on-Wye	627	80205	70025	18314	884//	10121	83818	88625	
Filton	628	80507	72032	18515	885//	11121	85820	88645	
Rhoose	715	80306	70022	18514	884//	10223	81815	85622	88650
Chivenor	707	80205	74505	18914	884//	11224	81818	88622	
Mount Batten	827	73407	82031	18417	785//	12217	84825	86640	
St. Mawgan	817	50110	82258	18916	58400	11219	83818	83640	
Scilly	804	40302	81020	19717	38530	11216	82820	84358	
Culdrose	809	43609	82011	18417	48500	11214	83825		
Guernsey	894	22711	84021	18717	21400	13119	82815		
Elmdon	534	73607	70022	18315	785//	09120	85822	87656	
Cardington	559	83507	66022	17815	884//	11123	86817	88635	
Wittering	462	73607	74022	17415	784//	10120	86818	87650	
Watnall	354	73606	62032	18215	5857/	09120	83824	84650	
Shawbury	414	70303	78022	18615	785//	07117	82825	85650	
Finningley	360	63609	77012	17717	58630	09118	85830		
Kilnsea	396	53625	66018	16815	12570	10228	81820	85360	
Leeming	257	70111	83022	18614	786//	08120	83832	87648	
Tynemouth	262	53611	81012	18812	55600	08227	85630		
Carlisle	222	42203	83011	18715	48600	06112	81830	84650	
Valley	302	70212	83031	19715	785//	06220	86826		
Ringway	334	33206	75021	18315	38500	05116	81825	83650	
Squires Gate	318	63309	87031	19415	685//	08218	82823	86642	
Ronaldsway	204	73008	89021	19915	785//	07116	83828	85650	
Mull of Galloway	131	43518	84021	19313	1258/	07215	81820	84360	
Eskdalemuir	162	72304	80022	18015	786//	07108	85832		
Prestwick	135	13110	89011	18815	18640	06210	81830		
Abbotsinch	140	12808	89020	18016	11640	07207	81830		
Leuchars	171	12711	89030	17016	11600	07105	81835		
Dyce	091	13011	89021	16016	15501	06111	81622		
Lerwick	005	82813	40592	11111	871//	10501	87702	88705	
Wick	075	72814	86021	14715	745//	10106	84620	87628	
Sule Skerry	010	82909	58505	13812	874//	12203	88714		
Cape Wrath	049	92306	02434	14111	9////	11400	89/00		
Stornoway	026	72711	80252	16315	4257/	13105	84824	87359	
Benbecula	022	82712	74032	17913	7847/	11206	81712	84816	87625
Tiree	100	52613	83141	19015	42531	11106	84822		
Aldergrove	917	53310	82011	20415	58502	07212	83820	83625	
Malin	980	62910	89012	20514	4853/	09209	83820	85360	
Belmullet	976	53509	86012	22714	38532	09213	81822	83359	
Birr	965	63504	82018	21615	685/2	05109	85822	84638	
Dublin	969	70505	86021	20514	785//	09210	83824	85640	
Shannon	962	73507	84032	22015	785//	08213	82822	87656	
Roches Point	952	61806	84031	21415	684//	10216	85819		
Valentia	953	20210	82030	21917	28500	08217	81822		

OBSERVATIONS at 18h. 15 August 1971

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	50305	69012	20416	48430	11211	81818	84630	
Hurn	862	63403	60022	20616	685//	12212	82825	86656	
Thorney Island	871	72104	75036	20317	745//	12211	84625	85638	
Manston	797	70105	64025	19916	6847/	13213	82816	85650	87360
Gatwick	776	70000	61252	19716	786//	13211	81830	87650	
Kew	775	70304	66028	20216	4857/	11314	82822	83636	85358
Heathrow	772	73406	64022	20117	785//	11211	82825	87650	
Honington	586	70105	80026	20215	785//	09111	81825	83640	87656
Wattisham	590	83505	80022	20115	884//	10113	81818	88650	
Gorleston	497	63410	60028	19915	3247/	11219	83815	86360	
Aberporth	502	13410	87021	21314	18500	10210	81822		
Ross-on-Wye	627	70000	77012	20715	756//	11212	87640		
Filton	628	73605	62022	21016	785//	11311	81828	87656	
Rhoose	715	72602	62256	21114	784//	12213	82815	85622	
Chivenor	707	13406	74015	21116	18500	11313	81825		
Mount Batten	827	50907	69012	20717	52500	13213	85825		
St. Mawgan	817	33509	82031	21416	22502	11213	82820		
Scilly	804	50307	81021	21715	25532	11209	81625	83358	
Culdrose	809	30405	82011	21016	12501	11212	81828		
Guernsey	894	23106	84030	20916	11542	12209	81820		
Elmdon	534	73303	65012	20515	786//	09210	81830	87656	
Cardington	559	83002	66216	20913	856//	12114	85630	88640	
Wittering	462	82202	74022	20315	856//	10312	88640		
Watnall	354	72404	61032	20215	745//	10209	82828	85645	
Shawbury	414	13310	78011	21115	15600	06215	81645		
Finningley	360	60404	80031	20216	646//	08209	81835	83640	
Kilnsea	396	10514	66011	20113	11500	09213	81820		
Leeming	257	23206	89011	20216	25600	08306	82640		
Tynemouth	262	12711	81021	19516	11600	10304	81830		
Carlisle	222	32409	83021	19315	38500	08003	81828		
Valley	302	13508	89011	21815	15600	07210	81640		
Ringway	334	12609	81021	20616	11600	05212	81830		
Squires Gate	318	32910	89031	21415	38600	08210	83832		
Ronaldsway	204	12608	89011	21614	18600	08210	81835		
Mull of Galloway	131	13315	84020	21013	12500	08208	81825		
Eskdalemuir	162	32609	82031	19115	38600	08305	81834	83640	
Prestwick	135	12807	82020	19915	18540	08307	81825		
Abbotsinch	140	42714	82030	19016	48600	08309	81830	83640	
Leuchars	171	12611	89020	16719	18600	08301	81830		
Dyce	091	33112	89030	16117	15559	09302	81628		
Lerwick	005	73011	74036	12412	782//	08307	82705	86622	
Wick	075	72913	75258	15613	48572	12207	83820	87360	
Sule Skerry	010	72709	66038	15212	734//	11207	84915	87620	
Cape Wrath	049	82308	66606	15911	853//	11207	85709	88620	
Stornoway	026	72812	75018	17314	3553/	12305	83628	86358	
Benbecula	022	72912	80216	18613	753//	12201	83706	85708	87635
Tiree	100	82912	70028	19713	5847/	12102	81818	83625	88460
Aldergrove	917	23110	82011	21216	21500	07205	82825		
Malin	980	83113	86505	21513	68540	11205	81820	86640	86360
Belmullet	976	43310	86031	23515	38530	10202	83822		
Birr	965	43603	84011	22817	48500	06307	81826	84632	
Dublin	969	20905	88011	22016	24600	09307	82635		
Shannon	962	52908	89012	23016	58600	09106	82833	84656	
Roches Point	952	72104	84022	22815	785//	08307	82820	87648	
Valentia	953	10209	84010	23216	11500	08210	81826		

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00161	005	+	+
Hurn	862	00181	008	+	+
Thorney Island	871	97170	009	ro	do
Manston	797	97180		+	dororo
Gatwick	776	97181	002	+	proro
Kew	775	96171	005	prpRdo	+
Heathrow	772	00181	009	+	+
Honington	586	97171		ro	ro
Wattisham	590	97171	001	pro	+
Gorleston	497	91180	021	pro	pro
Aberporth	502	01151	070	roropr	+
Ross-on-Wye	627	97161	000	ido	+
Filton	628	00171	001	+	+
Rhoose	715	92171	005	+	ropro
Chivenor	707	97181	047	do	+
Mount Batten	827	00191	064	+	+
St. Mawgan	817	97170	109	pro	+
Scilly	804	00190	101	+	+
Culdrose	809	00170	109	+	+
Guernsey	894	00170	123	+	+
Elmdon	534	00171	002	+	+
Cardington	559	91171	000	+	ro
Wittering	462	00161	000	+	+
Watnall	354	00171	016	+	+
Shawbury	414	00171	052	+	+
Finningley	360	00181	069	+	+
Kilnsea	396	97151	082	+	pro
Leeming	257	00171	068	+	+
Tynemouth	262	00161	076	+	+
Carlisle	222	00171	085	+	+
Valley	302	00170	111	+	+
Ringway	334	00181	094	+	+
Squires Gate	318	00161	075	+	+
Ronaldsway	204	00160	113	+	+
Mull of Galloway	131	00151			
Eskdalemuir	162	00161	096	+	+
Prestwick	135	00161	136	+	+
Abbotsinch	140	00171	128	+	+
Leuchars	171	00201	134	+	+
Dyce	091	00190	118	+	+
Lerwick	005	91130	031	dr	+
Wick	075	91151	048	pro	pro
Sule Skerry	010	97150			
Cape Wrath	049	92121	000	FF	iro
Stornoway	026	94151	006	pro	roro
Benbecula	022	96151	003	idodoro	idoiro
Tiree	100	97161	054	pro	proido
Aldergrove	917	00171	140	+	+
Malin	980	9716	063		
Belmullet	976	0017	097		
Birr	965	9718	058		
Dublin	969	9717	089		
Shannon	962	9718	061		
Roches Point	952	0017	069		
Valentia	953	0018	137		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

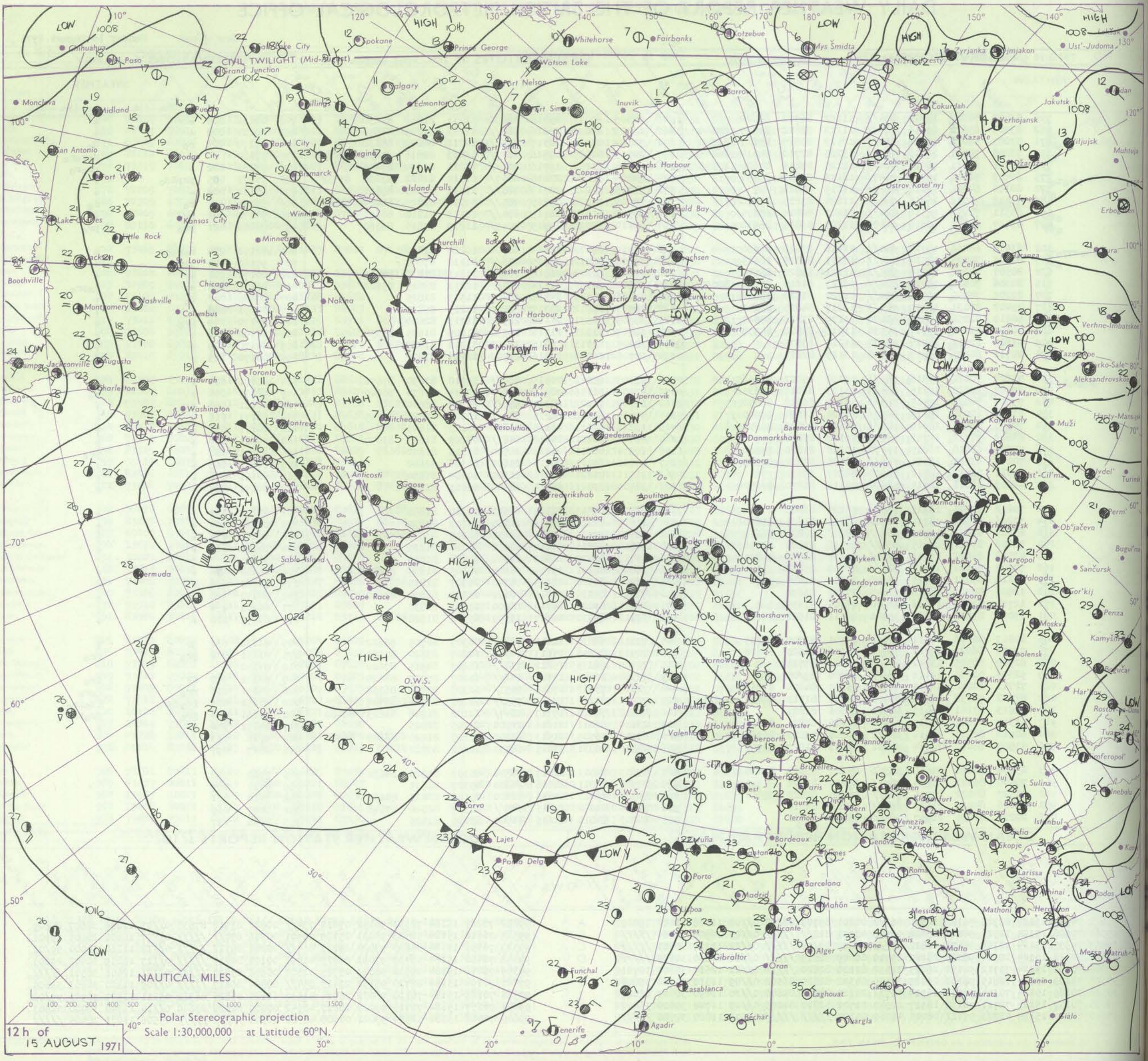
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70329	15124	82320	96102	10710	862//	00804	85703	88708	0//08	11068	30404	19805
B	99564	70508	15124	12525	98021	23408	00908	00231	812//	/////	0//05	10905	30806	/////
C	99527	70355	15124	92109	94475	26812	9////	00209	89/02	/////	0//12	11219	30403	/////
D	99440	70412	15124	20114	98021	28220	25400	00209	82615	/////	0//16	12230	30403	/////
E	99355	70481	15124	70712	98150	26125	22532	82220	82820	/////	0//21	12614	30301	10701
I	99587	70193	15124	72819	98252	23013	38539	00302	82820	86362	0//09	11310	30604	33804
J	99528	70185	15124	70314	98032	26914	5853/	22210	82820	84640	0//10	11490	30403	02007
K	99453	70157	15124	70711	98038	18317	22542	21701	82820	84075	0//13	11748	30000	36805
M	99650	70047	15124	52723	97022	08008	46289	00207	/////	/////	05506	11060	30506	/////

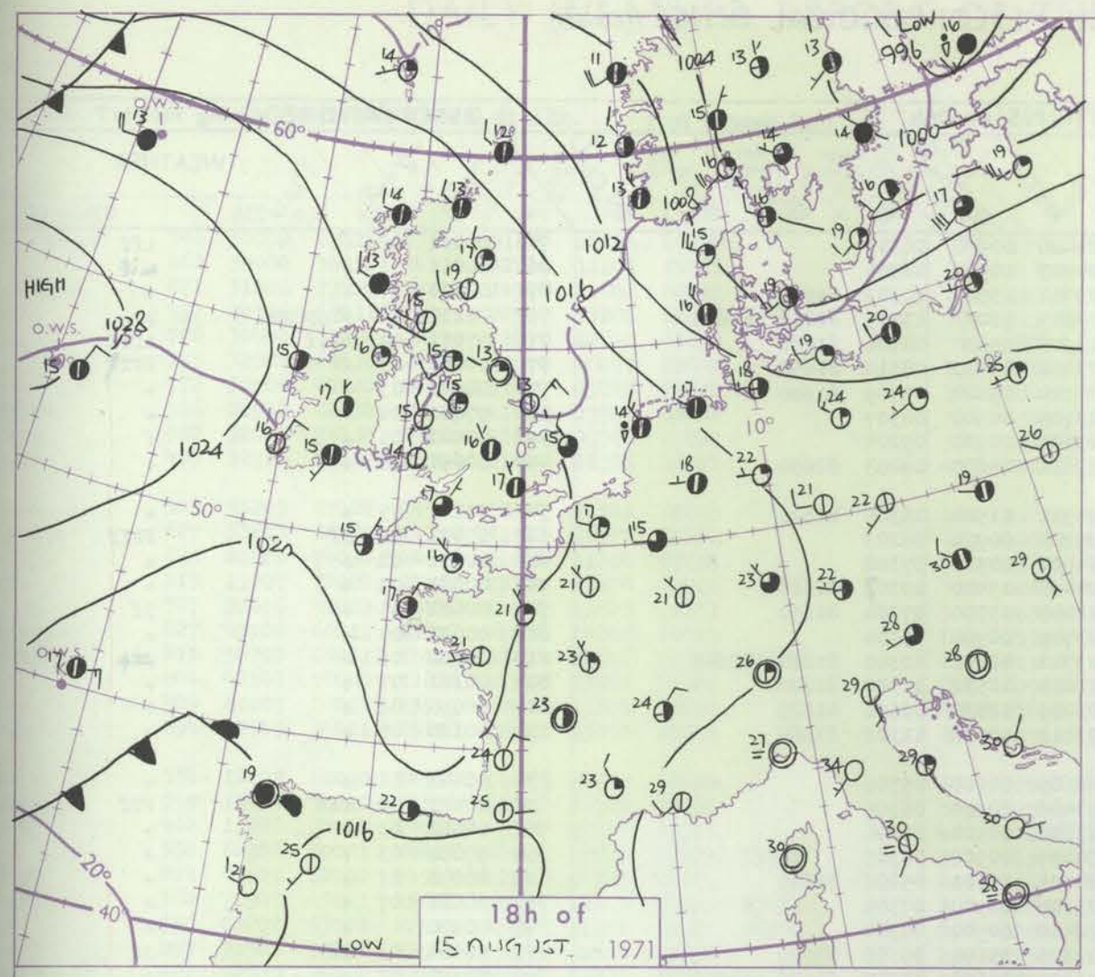
OCEAN WEATHER STATION REPORTS at 18h.

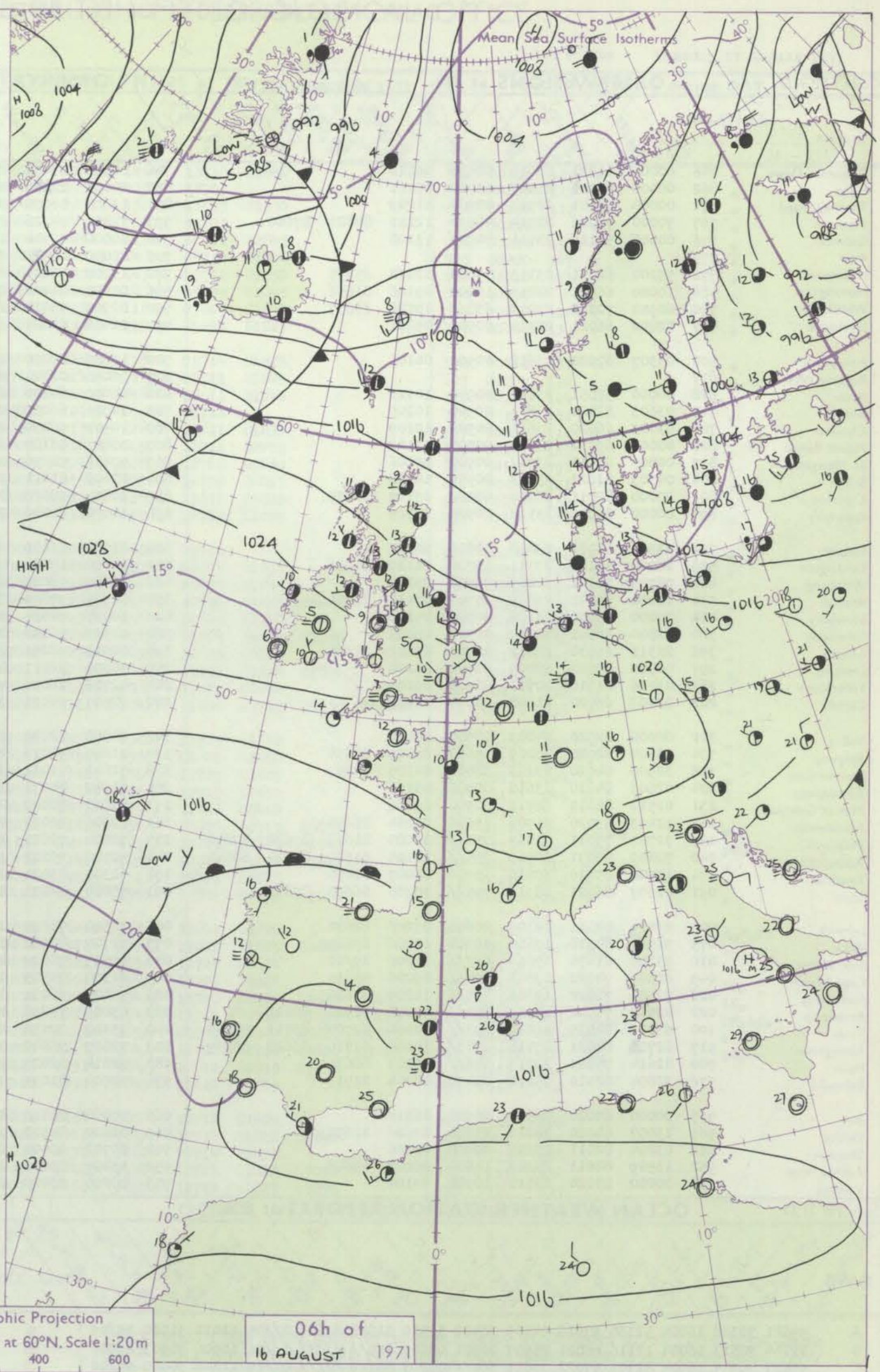
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70327	15184	72333	96152	07010	734//	00822	83918	87635	0//07	11086	30607	24809
B	99564	70510	15184	52423	98021	25109	00901	00306	850//	/////	0//07	10900	30805	29905
C	99527	70355	15184	82803	97024	29113	864//	00208	88712	/////	0//12	11260	30000	99/02
D	99442	70410	15184	53407	97011	28819	41401	00102	84815	/////	0//15	12259	30402	29603
E	99359	70476	15184	70916	98029	25725	52502	00606	85820	/////	0//21	12506	30501	/////
I	99587	70194	15184	82720	98152	22413	854//	00804	88617	/////	0//09	11320	30603	33805
J	99528	70183	15184	70110	98022	28014	51532	62104	85825	86362	05211	11559	30502	99/02
K	99453	70157	15184	70713	98018	18617	48542	00000	82820	83640	0//14	11740	30000	02803
M	99649	70048	15184	52920	97021	08608	46480	00500	/////	/////	05506	11071	30405	/////

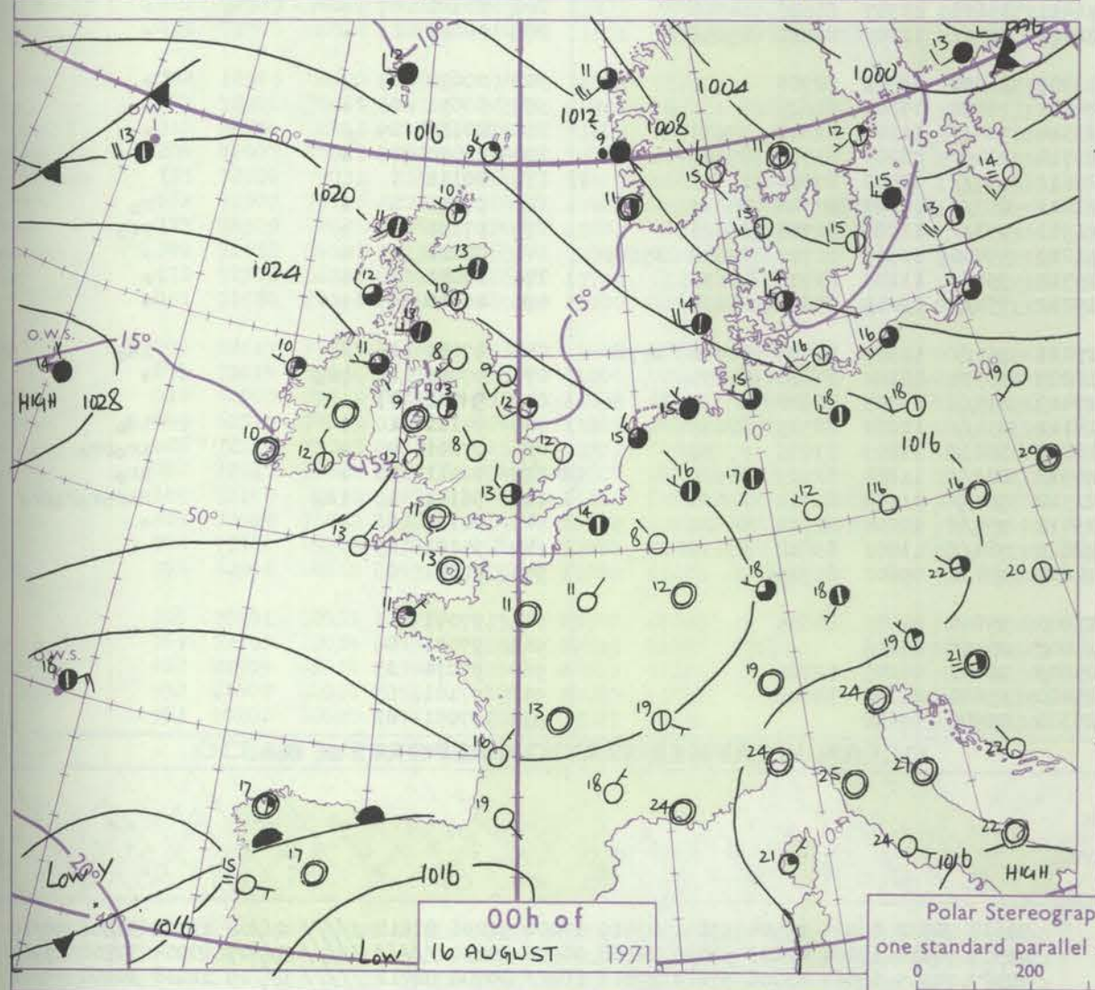
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
Whitehorse
Fairbanks
Watson Lake
Fort Nelson
Prince George
Spokane
Calgary
Edmonton
Inuvik
Coppermine
Cambridge Bay
Resolute Bay
Eureka
Alert
Thule
Nord
Danmarkshavn
Jan Mayen
Island Falls
Regina
Winnipeg
Churchill
Chesterfield
Nottingham Island
Port Harrison
Fort Chimo
Resolution
Cape Dyer
Upernavik
Godthaab
Frederikshab
Angmagssalik
Prins Christian Sund
Reykjavik
Keflavik
Stornoway
Belmullet
Valentia
Holyhead
Aberporth
Manchester
Glasgow
Belfast
Thorshavn
Lerwick
Ona
Oslo
Stockholm
København
Hamburg
Berlin
Warszawa
Praha
Bruxelles
Paris
Bern
Wien
Budapest
Beograd
Venezia
Genova
Ancona
Roma
Brindisi
Bordeaux
Barcelona
Madrid
Lisboa
Porto
Mahón
Alicante
Gibraltor
Oran
Alger
Malta
Tunis
Casablanca
Agadir
Laghouat
Béchar
Ouargla
Miurata
Funchal
Lajes
Ponta Delgada
Corvo
Flores
Bermuda
Sable Island
Cape Race
Goose
Anticosti
Stephenville
Gander
Yarmouth
Halifax
Caribou
Montreal
Toronto
Ottawa
Pittsburgh
Washington
Norfolk
Charleston
Jacksonville
Augusta
Tampa
Boothville
Jackson
Montgomery
Nashville
Columbus
Detroit
Chicago
Milwaukee
Minneapolis
Omaha
Kansas City
Little Rock
St. Louis
Rapid City
Billings
Bismarck
Dodge City
Fort Worth
San Antonio
Lake Charles
Albuquerque
Grand Junction
Salt Lake City
Medford
Boise
Reno
Fresno
Los Angeles
Phoenix
El Paso
Chihuahua
Monclova
Midland
Mys Šmidta
Kotzebue
Barrow
Cokurdah
Ostrov Zohova
Ostrov Kotel'nyj
Mys Čeljuskin
Ust'-Judoma
Nizmi Vestj
Zyrjanka
Jimjakon
Jakutsk
Verhojansk
Kazačje
Oljok
Tiksi
Ust'-Cil'ma
Ukhta
Murmansk
Tromsø
Bodø
Trondheim
Kristiansund
Bergen
Aberdeen
Shannon
Valentia
Lulea
Oksarka
Mezen'
Kargopol
Vologda
Sančursk
Gor'kij
Perm'
Ob"jačeva
Buguľma
Perza
Moskva
Kamyšin
Smolensk
Minsk
Kiev
Har'kov
Rostov-Don
Tuapse
Simferopol'
Odessa
Sulina
Istanbul
Skopje
Larissa
Rodos
Heraklion
Mathoni
Messina
Mare-Sale
Malye Karakuly
Muži
Hanty-Mansijsk
Aleksandrovskoe
Verhne-Imbatskoe
Mys Kamennyj
Uedinenie
Dikson Ostrov
Ostrov Vize
Ostrov Uedinenija
Ostrov Sverdrupa
Ostrov Kotel'nyj
Ostrov Zohova
Ostrov Bennetta
Ostrov Henrietty
Ostrov Kotel'nyj
Ostrov Novosibirskie
Ostrov Ljahovskie







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Monday 16** August 1971

Pressure has risen further over the British Isles during the last 24 hours as a ridge from a large complex anticyclone in mid-Atlantic extended eastwards over England into central Europe. Troughs of low pressure associated with low pressure in the Denmark Strait have advanced eastwards across the north Atlantic. A shallow low complex has remained slow moving west of Spain. During the next 24 hours little change in intensity or position is expected in the ridge over England, with the Atlantic anticyclone remaining slow moving north of the Azores, but a frontal trough will cross northwestern districts later. The low west of Spain will be displaced slowly eastwards.

Code FM 11.D

OBSERVATIONS at 00h. — 16 August 1971

Station	iii	Nddff	VVwwW	PPPTT	NhCLhCMCH	TdTdapp	8NsChshs	8NsChshs	8NsChshs
Boscombe Down	746	00000	61021	23610	00900	09212			
Hurn	862	00000	60021	23509	00900	09211			
Thorney Island	871	00000	58101	22912	00900	11209			
Manston	797	70000	74026	22914	785//	12111	84823	87640	
Gatwick	776	00000	50116	23111	00900	11108			
Kew	775								
Heathrow	772	53204	62021	23113	55600	12112	85635		
Honington	586	10000	66021	22810	15700	09106	81656		
Wattisham	590	60902	70012	23013	658//	10108	86657		
Gorleston	497	02802	66021	22712	00900	09211			
Aberporth	502	03307	87020	23912	00900	08106			
Ross-on-Wye	627								
Filton	628	00000	59051	23812	00900	10110			
Rhoose	715	03603	62021	23611	00900	10209			
Chivenor	707	01003	66020	23611	00900	10109			
Mount Batten	827	00000	69011	23612	00900	11112			
St. Mawgan	817	00805	80010	23712	00900	09106			
Scilly	804	00303	81021	23913	00900	10108			
Culdrose	809	20000	82011	23710	00902	09109	82075		
Guernsey	894	00000	80020	23513	00900	12109			
Elmdon	534	03301	64021	23808	00900	06111			
Cardington	559	10000	40101	23311	15700	11110	81656		
Wittering	462	02705	50101	22809	00900	09108			
Watnall	354	10000	56041	23609	15700	07113	81650		
Shawbury	414	00000	69020	24106	00900	05108			
Finningley	360	02804	56041	22710	00900	08005			
Kilnsea	396	22311	66030	22012	20970	09102	82360		
Leeming	257	00000	89020	22209	00900	06104			
Tynemouth	262	02716	81010	20711	00900	09105			
Carlisle	222	02403	66020	21808	00900	08002			
Valley	302	00000	82020	24009	00900	08110			
Ringway	334	11904	62020	23209	15600	06004	81630		
Squires Gate	318	32909	84010	23213	38500	10105	82823		
Ronaldsway	204	02803	84010	23610	00900	07106			
Mull of Galloway	131	02510	84010	22712	00900	09006			
Eskdalemuir	162	11403	83020	21708	15600	07204	81645		
Prestwick	135	72707	75011	21513	754//	11003	81618	83628	87650
Abbotsinch	140	72409	80031	20913	755//	10105	81620	84624	86645
Leuchars	171	12508	83010	19210	15700	08007	81650		
Dyce	091	72607	86021	18313	755//	10205	86620	87632	
Lerwick	005	23014	82011	14309	25600	07206	82630		
Wick	075	32907	84018	17610	35500	10206	83625		
Sule Skerry	010	93205	01474	17611	9////	11208	89/00		
Cape Wrath	049	82304	74022	17811	854//	09206	88610		
Stornoway	026	72506	70022	19311	755//	11207	87620		
Benbecula	022	82910	74026	20513	853//	12208	81708	88621	
Tiree	100	63011	84035	21012	653//	12104	82707	83711	85635
Aldergrove	917	62706	80021	23511	3543/	10106	81710	83628	85359
Malin	980	82614	75025	22713	856//	11103	88630		
Belmullet	976	32804	82010	25210	28430	08204	81719		
Birr	965	00000	69020	25507	00900	06110			
Dublin	969	13007	84020	24210	15700	07106	81650		
Shannon	962	03204	82011	25310	00900	08106			
Roches Point	952	13509	84011	25212	15600	09108	81648		
Valentia	953	00000	83020	25510	00900	09104			

OBSERVATIONS at 06h. — 16 August 1971

iii	Nddff	VVwwW	PPPTT	NhCLhCMCH	TdTdapp	8NsChshs	8NsChshs	8NsChshs
746	00000	03464	24406	00900	06305			
862	00000	22480	24207	00900	06306			
871	13604	58050	23711	15500	10303	81625		
797	72802	74028	23813	784//	13205	81816	86626	
776	10000	02444	23908	15630	08306	81640		
775	10000	08424	23908	15700	08310	81650		
772	13202	56111	24310	15600	09309	81640		
586	02605	44100	23709	00900	08307			
590	02703	59014	23809	00900	09204			
497	22406	62021	23011	25600	09203	82630		
502	13603	89010	24311	11500	08305	81820		
627	00000	02424	25206	00900	06203			
628	00000	64110	24908	00900	07308			
715	10506	66030	24408	15400	07307	81615		
707	10904	50030	24008	15700	07204	81650		
827	00803	56100	23709	00900	09304			
817	40805	58050	23711	48501	10303	81820	83645	
804	20402	81011	23214	12532	12502	81820		
809	30604	78020	23009	12530	08602	81825		
894	10000	66020	23112	10932	11302	81364		
534	01502	56100	24605	00900	05306			
559	02404	19284	24406	00900	06305			
462	02605	58020	23808	00900	06206			
354	02705	37040	24407	00900	06305			
414	10000	74020	24705	15600	05206	81645		
360	02503	56040	23109	00900	07305			
396	02913	48051	22410	00900	08303			
257	30000	82111	22806	35600	05306	83630		
262	42716	66020	21411	15640	10307	81630	84358	
222	72507	74021	22012	785//	11205	81822	87656	
302	20000	82030	23909	26300	09302	82706		
334	11805	58020	24107	15500	05307	81625		
318	72811	81031	23514	784//	11204	82818	87635	
204	71702	84031	23710	1145/	08205	81711	87360	
131	72810	80022	22612	757//	10400	87650		
162	82606	62021	21611	853//	10304	87708	88635	
135	72804	72022	21913	753//	11207	81708	86626	
140	52508	75012	21213	55400	11305	81710	83622	85645
171	72307	83021	19713	754//	11205	81710	87638	
091	73009	84032	19212	754//	09205	85618	86624	
005	72610	74031	15011	762//	10303	81704	84706	87710
075	62707	82021	18209	38534	08104	81820	84075	
010	63505	74024	17412	655//	11703	86620		
049	82304	74505	18111	854//	11202	86715	88625	
026	72405	66031	19811	3623/	11203	83705	87359	
022	63009	74258	20912	683//	11204	81707	86621	
100	73107	70156	21512	784//	11304	83712	86630	
917	72607	75022	23412	754//	10204	82710	86620	
980	72814	82025	22812	784//	11001	83818	87630	
976	42904	81031	24610	48430	09602	81719		
965	10000	80110	25905	15600	04205	81635		
969	02607	84020	24808	00900	07106			
962	20702	20400	25607	28000	06205	82701		
952	13407	85011	25410	15600	09304	81645		
953	00000	83020	25306	00900	05202			

OBSERVATIONS during NIGHT

iii	RRTnTnE	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00051	02	+	iff
862	00050	01	+	[illegible]f
871	00100	07	+	+
797	01130	11	proPRpr	pro
776	97071	04	roif	ifff
775	00061	03	fT	FFf
772	00090	03	+	+
586	97081	04	+	+
590	00081	05	+	f
497	00090	06	+	+
502	00101	05	+	+
627	00051	02	ff	FFff
628	00071	02	+	+
715	00081	03	+	+
707	00081	05	+	jf
827	00091	04	+	+
817	00100	06	+	[illegible]+
804	00121	07	+	+
809	00090	06	+	+
894	00120	05	+	+
534	00041	51	+	+
559	00051	02	fff	FFf
462	00061	03	+	+
354	97061	03	+	+
414	00041	51	+	+
360	00081	07	+	+
396	00100		+	+
257	00061	03	jf	jf
262	00101	07	+	+
222	00081	03	+	+
302	00070	03	+	+
334	00071	05	+	+
318	00131	09	+	+
204	00080	05	+	+
131	00111			
162	97071	04	+	ro
135	97131	12	+	pro
140	00121	11	+	+
171	00091	08	+	+
091	00100	09	+	+
005	97080	06	+	ido
075	97071	06	pro	+
010	91101	07		
049	94111	10	+	ido
026	97101	08	+	iropro
022	92111	10	+	pro
100	96111	10	ido	Rirororopro
917	00111	06	+	+
980	95121	09		
976	97081	06		
965	97041	01		
969	97071	06		
962	97070	03		
952	97101	07		
953	97051	02		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	NhCLhCMCH	DsvsApp	8NsChshs	8NsChshs	OTsTsTdTd	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw
A	99621	70328	16004	52330	97018	04409	38402	51710	81818	83623	0//05	11012	31010	99/09
B	99566	70513	16004	12116	98021	25507	00901	00803	810//	/////	0//06	10906	30503	29905
C	99527	70355	16004	82708	97022	30611	864//	00208	88712	/////	0//10	11246	30000	99/02
D	99441	70412	16004	60505	98022	30420	64400	00107	86618	/////	01115	12261	30000	29602
E	99359	70478	16004	61012	98022	26525	22502	00207	82820	860//	0//21	12571	30601	/////
I	99587	70194	16004	72419	97012	20712	755//	00715	83620	87630	0//12	11328	30604	30805
J	99528	70193	16004	83407	98022	29514	5457/	00005	85625	88360	05211	11533	30502	99/02
K	99453	70158	16004	70616	98021	18617	756//	00305	87645	/////	0//14	11748	30502	02803
M	99649	70049	16004	82718	96105	09409	863//	00103	/////	/////	05208	11065	30505	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	NhCLhCMCH	DsvsApp	8NsChshs	8NsChshs	OTsTsTdTd	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw
A	99618	70332	16064	12524	97021	03510	15400	51206	81618	/////	0//08	11022	30606	99/10
B	99567	70514	16064	02225	98020	21308	00900	00830	/////	/////	0//07	10904	30502	29904
C	99527	70355	16064	83006	97022	29311	864//	00706	88712	/////	0//09	11248	30000	99/02
D	99442	70412	16064	60000	98031	30020	65500	00804	86625	/////	0//14	12282	30000	29602
E	99352	70485	16064	41410	98022	25325	22502	51810	82820	/////	0//20	12583	30401	/////
I	99588	70193	16064	32718	98015	19212	15501	00502	81620	83072	0//09	11311	30604	28806
J	99527	70200	16064	63106	98031	28114	3853/	00711	81825	83630	05210	11521	30501	99/02
K	99451	70158	16064	70320	97011	15617	56402	00613	82610	84650	0//13	11747	30805	/////
M	99649	70049	16064	92115	90475	06808	9////	00814	/////	/////	05407	11053	30202	99506

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40080

Date of Issue Tuesday 17 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 16 August 1971

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	50000	69024	23919	51600	08804	85830		
Hurn	862	30000	70010	24318	32600	11801	83835		
Thorney Island	871	31808	77010	24218	34500	15801	82822		
Manston	797	20105	69011	24719	22500	13201	82820		
Gatwick	776	30000	63024	24119	32600	10802	83832		
Kew	775	32801	64034	24419	32600	08001	83840		
Heathrow	772	30000	65020	24620	31600	09801	83830		
Honington	586	22908	82030	24317	21600	07501	82832		
Wattisham	590	32807	74030	24218	31600	09704	83830		
Gorleston	497	32710	62030	23516	31400	06706	83815		
Aberporth	502	13205	87020	24915	12500	11103	81825		
Ross-on-Wye	627	33603	82024	24318	31600	09707	83830		
Filton	628	20806	74030	24618	21600	11804	82830		
Rhoose	715	11207	70020	24717	11500	11000	81822		
Chivenor	707	33406	64020	24118	32500	13806	83827		
Mount Batten	827	42106	66011	23818	41500	14806	84825		
St. Mawgan	817	50000	66031	23519	52400	10606	81818	85825	
Scilly	804	40607	58020	23816	32502	13703	83820		
Culdrose	809	61007	60051	23917	62400	13301	86812		
Guernsey	894	10909	66011	23318	11400	13003	81816		
Elmdon	534	10602	62010	24517	11600	06602	81840		
Cardington	559	12806	74010	24618	11600	06704	81835		
Wittering	462	13206	82010	24018	11500	07602	81828		
Watnall	354	62906	80021	24416	68500	09601	82825	85630	
Shawbury	414	42808	82030	24517	41500	07703	84825		
Finningley	360	72907	67021	23618	786//	11400	84833	87650	
Kilnsea	396	60202	63031	22918	3257/	11801	83820	86360	
Leeming	257	72706	85021	22917	755//	11400	87626		
Tynemouth	262	72709	74022	22616	785//	13305	82825	87630	
Carlisle	222	72708	80032	22516	784//	11601	81715	83825	87640
Valley	302	12609	80020	24816	11400	10103	81818		
Ringway	334	72908	70021	24116	785//	08702	84825	85635	
Squires Gate	318	22710	82011	24516	28500	11203	82822		
Ronaldsway	204	42407	86021	24215	48400	10001	81713	84818	
Mull of Galloway	131	72810	74031	23515	785//	11400	81825	87645	
Eskdalemuir	162	72307	74016	22314	784//	10400	81711	83820	86638
Prestwick	135	72509	82038	22615	784//	11802	81715	83818	86640
Abbotsinch	140	72613	84021	21915	785//	11500	83820	87625	
Leuchars	171	52306	86022	20118	48532	10705	81825	84650	
Dyce	091	71510	82021	19916	68532	11000	83822	85626	
Lerwick	005	82617	79205	15612	853//	09205	83708	88625	
Wick	075	73014	89028	19114	68532	11206	82824	85632	
Sule Skerry	010	62709	81018	18414	4357/	11205	84920	86360	
Cape Wrath	049	62312	74015	19012	42405	11001	84812	83070	
Stornoway	026	72811	75258	20813	725//	12303	87827		
Benbecula	022	72811	80028	21813	784//	09500	84818	87625	
Tiree	100	73109	80158	22714	784//	11106	81712	83818	87635
Aldergrove	917	72504	75012	23814	784//	10602	83712	83820	87640
Malin	980	73106	83028	23414	784//	10400	81816	87630	
Belmullet	976	62906	84012	24716	685//	11802	81820	86640	
Birr	965	70901	82031	25017	725//	09708	87825		
Dublin	969	72103	82034	24516	785//	10005	81826	87630	
Shannon	962	22404	83014	25416	22502	06605	82825		
Roches Point	952	11407	82020	25116	11502	10003	81821		
Valentia	953	10208	86020	24418	12601	09811	81830		

OBSERVATIONS at 18h. 16 August 1971

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	12111	69011	21818	14600	13710	81840		
862	01605	64010	22517	00900	13709			
871	11903	80021	22717	15601	13609	81630		
797	01306	74020	22917	00900	11709			
776	22308	66010	22418	21600	14609	82845		
775	10000	62020	22319	14600	08710	81648		
772	13002	66020	22321	14700	09712	81650		
586	13002	80020	22719	14600	09709	81645		
590	13606	82020	22719	11600	07609	81840		
497	21105	66020	23315	11530	10804	81825		
502	13606	89020	22815	11500	09714	81825		
627	10000	77020	22119	11600	08711	81845		
628	13505	80020	22419	14600	08611	81640		
715	00000	75010	22119	00900	07713			
707	20307	66020	21719	12601	11611	81830		
827	21106	62050	21818	00902	12711	82072		
817	31306	61051	22017	28602	12708	81830		
804	60705	58031	21917	62400	14709	86815		
809	21005	60051	21816	11501	13812	81820		
894	10712	56040	21217	00901	14714	81075		
534	00000	70010	22219	00900	07711			
559	12702	74020	22620	15700	08709	81650		
462	12802	80020	22319	11600	08809	81835		
354	40301	69011	22518	45600	10710	81635	84645	
414	13610	83011	22518	15600	12608	81640		
360	70000	60042	22717	786//	11604	81835	87650	
396	82908	57022	22716	8097/	11605	88360		
257	72708	80012	22716	785//	11702	81828	87640	
262	82710	81022	21815	856//	13705	88630		
222	82507	81022	22114	884//	11804	81715	83635	88645
302	12508	82020	23715	15600	10709	81640		
334	13110	75011	22917	15700	08605	81650		
318	13208	82020	23415	15500	11707	81625		
204	72306	84031	23015	757//	10709	87650		
131	83611	74032	23012	8092/	11006	88460		
162	82506	82032	21813	854//	10806	82715	88635	
135	63206	81158	22014	685//	11708	82823	86640	
140	72510	86012	21415	785//	10806	81822	87640	
171	22314	86011	19219	15639	12707	81645		
091	71305	80022	19916	7553/	12704	86622	87650	
005	92616	02515	16211	9////	11601	89/00		
075	53011	83012	19214	38531	11603	81825	83640	
010	62513	74012	18213	655//	11706	86620		
049	72310	81012	18912	755//	11706	87625		
026	82413	80022	20013	5542/	11708	82710	85625	88460
022	82312	74602	20814	854//	11710	81712	83617	88625
100	72808	84012	21814	785//	09709	83820	85627	87635
917	70702	70205	22813	784//	11810	81712	83818	87640
980	72707	83022	22514	784//	10811	81819	87634	
976	33006	83011	23516	28432	10610	81819		
965	33602	84011	22816	38500	10712	81824		
969	71403	82022	23015	785//	10710	81828	87640	
962	42907	86020	22718	32602	10714	83832		
952	31606	84030	22815	11502	09713	81823	83070	
953	73306	86011	22616	38502	11714	81827	85070	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00211	121 +		+
862	00200	117 +		+
871	00190	117 +		+
797	00210	+		+
776	00211	090 +		+
775	00200	127 +		+
772	00210	121 +		+
586	00200	+		+
590	00200	126 +		+
497	00200	130 +		+
502	00161	137 +		+
627	00200	110 +		+
628	00201	124 +		+
715	00191	131 +		+
707	00201	118 +		+
827	00201	120 +		+
817	00190	098 +		+
804	00200	121 +		+
809	00180	130 +		+
894	00190	131 +		+
534	00200	131 +		+
559	00211	134 +		+
462	00201	135 +		+
354	00191	087 +		+
414	00201	137 +		+
360	00191	050 +		+
396	00160	061 +		+
257	00181	034 +		+
262	00171	012 +		+
222	00171	015 +		+
302	00170	129 +		+
334	00191	096 +		+
318	00171	124 +		+
204	00170	049 +		+
131	00161			
162	97141	000	$r_or_or_o$	r_o
135	97160	009	pr_o	pr_o
140	00171	010 +		+
171	00210	088 +		+
091	00170	032 +		+
005	01131	002	$1d_od_od_o$	d_od_ofF
075	97171	038	pr_o	+
010	91151			
049	97131	036	$1d_o$	ir_o
026	97151	012	pr_o	$1d_o$
022	91141	001	pr_o	ir_o1d_o
100	91151	012	pr_o	+
917	97151	010	$1d_o$	$1d_o$
980	9115	012		
976	0018	082		
965	9718	088		
969	9717	056		
962	9719	136		
952	0017	132		
953	9718	099		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

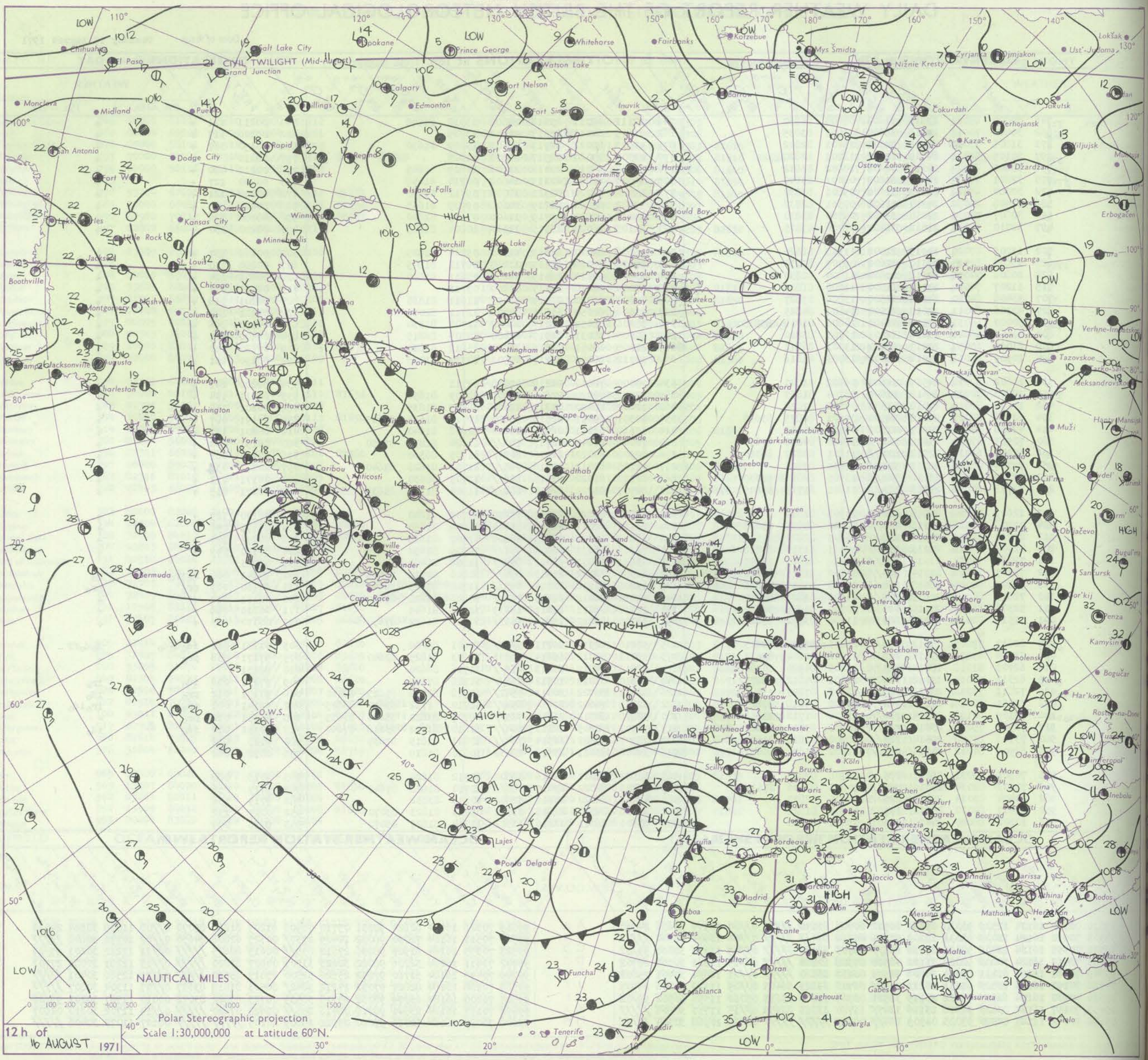
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70330	16124	12525	98020	05110	00902	00705	81070	/////	0//07	10976	30606	24010
B	99565	70510	16124	12026	98031	19209	00904	00712	870//	/////	0//06	10906	30604	/////
C	99527	70355	16124	82805	98022	29412	865//	00703	88722	/////	0//09	11230	30000	99/02
D	99442	70413	16124	70000	98022	31122	48500	00308	82820	/////	0//15	12261	30000	28702
E	99349	70481	16124	61111	97059	26826	62500	00212	86820	/////	0//21	12664	30401	05802
I	99588	70191	16124	72527	98031	18212	3157/	00706	83823	86465	0//09	11329	30806	28907
J	99526	70200	16124	62507	98022	28115	30521	00709	82822	83633	05010	11556	30502	99/02
K	99453	70157	16124	83626	96618	13116	3247/	11720	83816	88359	0//15	11711	30806	/////
M	99648	70042	16124	82320	97025	04909	864//	00705	/////	/////	00009	10968	30304	/////

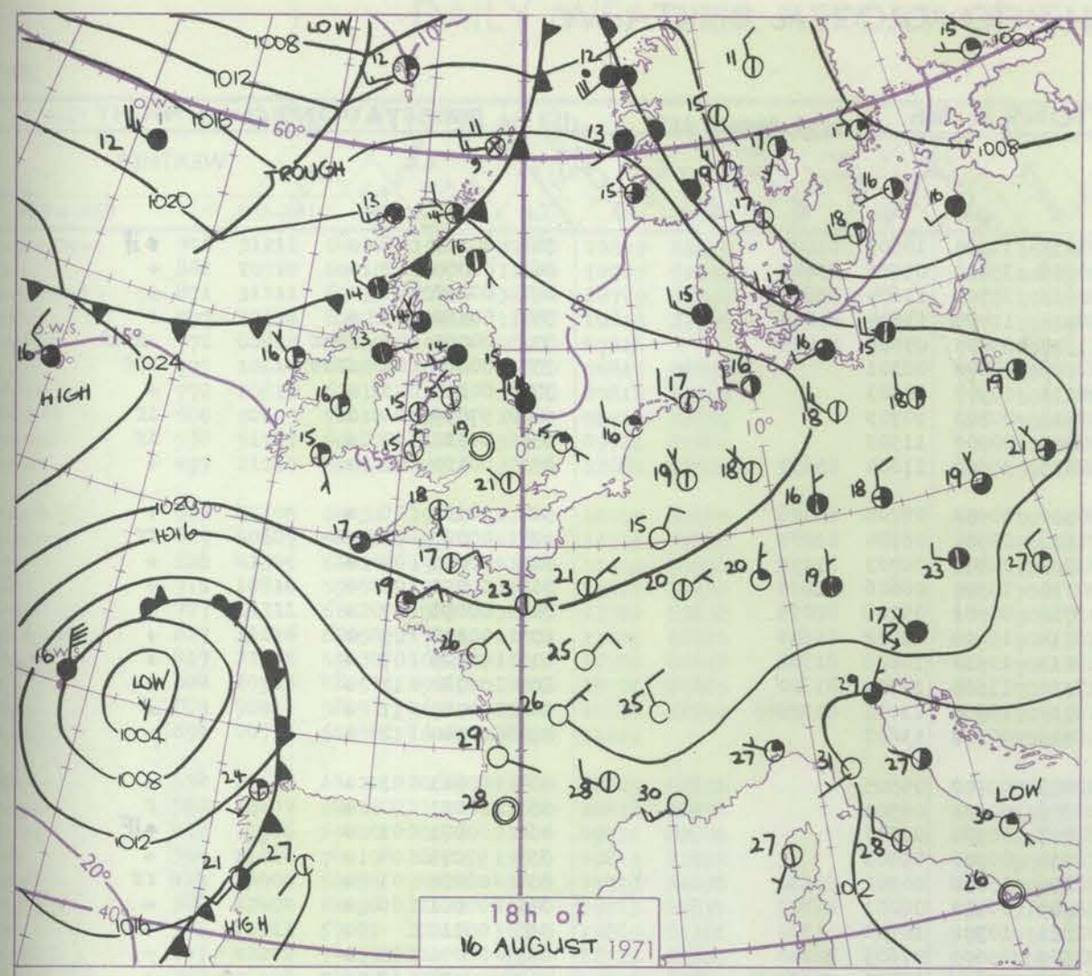
OCEAN WEATHER STATION REPORTS at 18h.

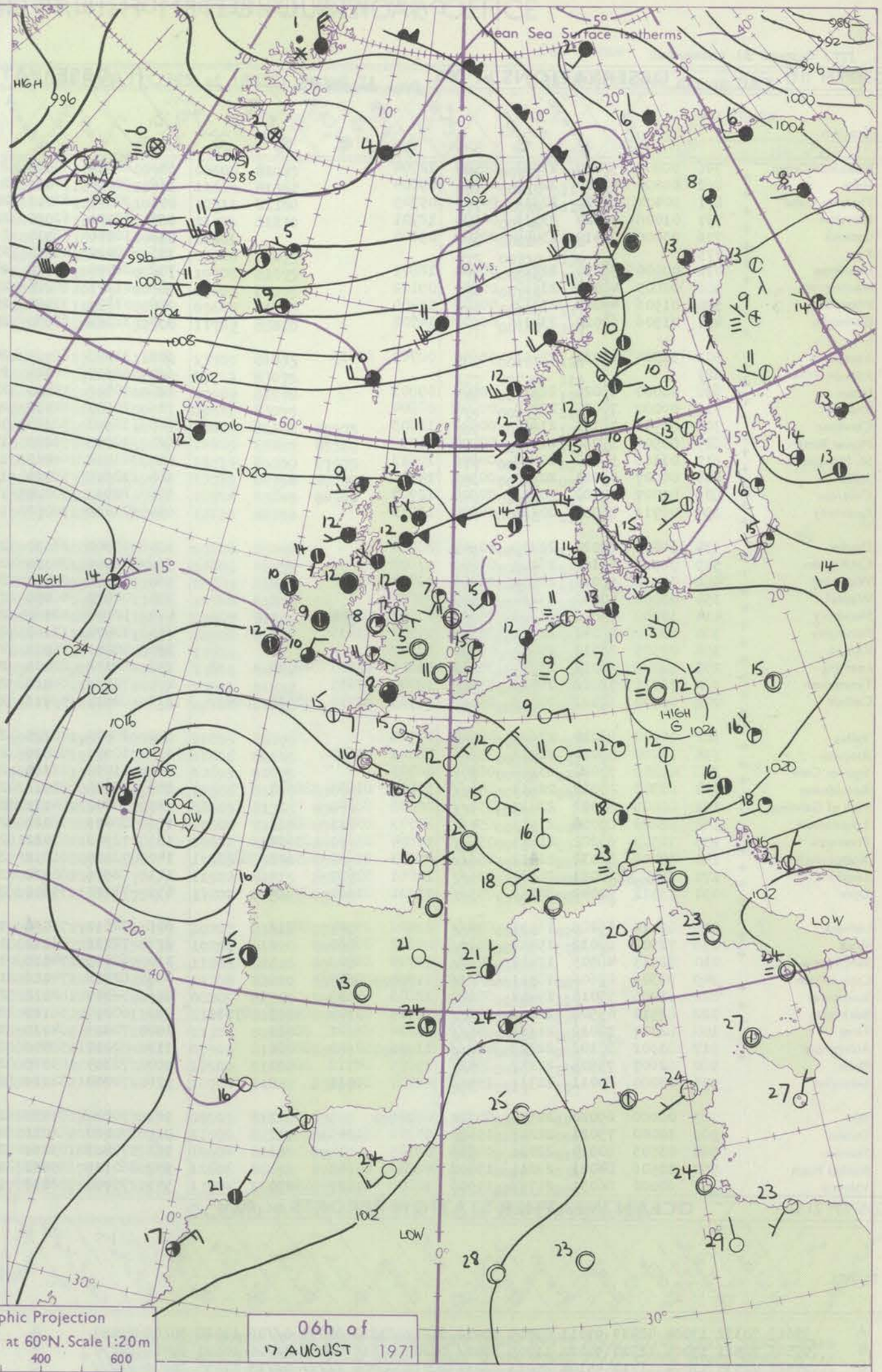
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	16184	62624	98031	05710	00908	61209	81268	85070	0//06	11059	30504	24010
B	99564	70511	16184	72030	98032	14409	2737/	00725	82808	84650	0//07	10770	30808	/////
C	99527	70355	16184	81905	98036	27812	855//	00615	88625	/////	0//11	11220	30201	99/01
D	99442	70411	16184	32206	98012	30023	31501	00807	83820	/////	0//15	12281	30000	27702
E	99349	70496	16184	51710	97052	25526	52500	63817	85820	/////	0//21	12586	30401	/////
I	99588	70188	16184	82827	97032	17212	3842/	00503	81818	83637	0//07	11304	30807	/////
J	99525	70200	16184	63009	98032	25715	38539	00713	83822	83072	00010	11567	30101	99/02
K	99452	70157	16184	83541	96216	08416	855//	00622	87620	/////	0//14	11702	30610	02807
M	99648	70029	16184	32326	97020	05511	25609	22105	/////	/////	00107	11072	30406	/////

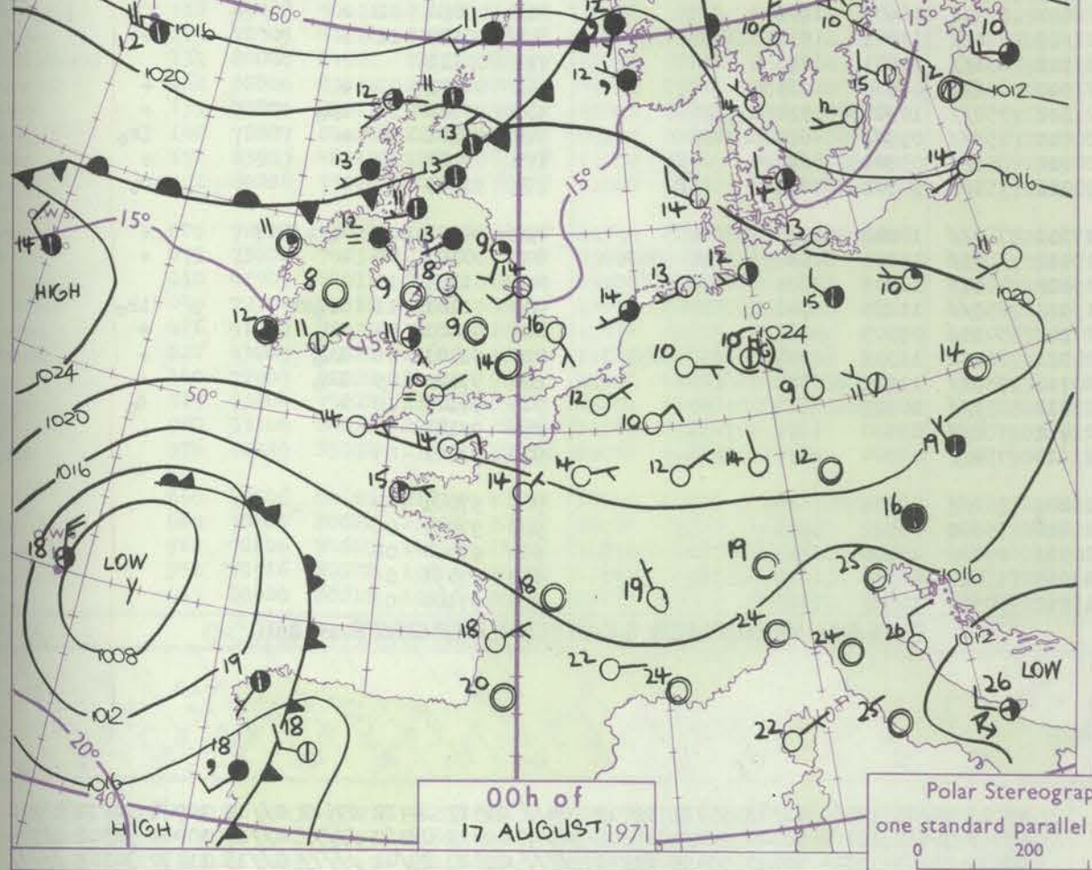
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
TROUGH
O.W.S.
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Fairbanks
Korzebue
Mys Šmidta
Nižnie Kresty
Zyrjanka
Ojmjakon
Lokšak
Ust'-Juduma
Watson Lake
Fort Nelson
Calgary
Edmonton
Inuvik
Barrow
Čokurdah
Jakutsk
Verhojansk
Kazač'e
Ostrov Žohova
Ostrov Kotel'nyj
Džardžan
Viljujsk
Erbogačen
Hatanga
Mys Čeljuskin
Ostrov Dikson
Jedineniya
Tazovskoe
Muži
Hanty-Mansijsk
Meksandrovsk
Murmansk
Tromsø
Bodø
Oslo
Stockholm
Helsinki
Ostersund
Kargopol
Obljačevo
Sankursk
Kamyšin
Penza
Moskva
Smolensk
Minsk
Gdańsk
Warszawa
Czestochowa
Odessa
Har'kov
Rostov-na-Donu
Bogučar
Kursk
Belmullet
Glasgow
Holyhead
Manchester
London
Scilly
Bruxelles
Köln
Paris
München
Frankfurt
Beograd
Venezia
Genova
Bordeaux
Lisboa
Madrid
Barcelona
Palma
Ajaccio
Messina
Brindisi
Mathion
Larissa
Athinai
Heraklion
Istanbul
Sofia
Malta
Tripolis
Gabes
Laghouat
Ouargla
Béchar
Oran
Alger
Casablanca
Agadir
Tenerife
Funchal
Gibraltar
Sevilla
Porto
Lajes
Ponta Delgada
Keflavik
Reykjavik
Thule
Eureka
Resolute Bay
Cambridge Bay
Coppermine
Sachs Harbour
Gould Bay
Arctic Bay
Churchill
Chesterfield
Island Falls
Winnipeg
Regina
Fort Smith
Fort Simpson
Rapid City
Billings
Minot
Winnipeg
Kansas City
Omaha
Minneapolis
Chicago
Detroit
Toronto
Ottawa
Montreal
Pittsburgh
Columbus
Nashville
St. Louis
Little Rock
Jackson
Montgomery
Jacksonville
Charleston
Washington
Norfolk
New York
Boston
Caribou
Anticosti
Sydney
Stephenville
Sable Island
Bermuda
Cape Race
Goose Bay
Nain
Port Harrison
Nottingham Island
Winisk
Fort Chimo
Cape Dyer
Resolution
Frobisher
Egedesminde
Godthab
Frederikshaab
Prins Christian Sund
Angmagssalik
Aputiteq
Kap Tobin
Jan Mayen
Danmarkshavn
Daneborg
Barencburg
Dikson
Karmakuly
Amderma
Bjornoya
Vardø
Lakselv
Kautokeino
Kiruna
Luleå
Umeå
Sundsvall
Östersund
Stockholm
Helsinki
Turku
Tallinn
Riga
Vilnius
Minsk
Gdańsk
Warszawa
Kraków
Lwów
Kiev
Odessa
Simferopol'
Sulina
Sfintu Gheorghe
Constanța
Tulcea
Galați
Bucuresti
Craiova
Timișoara
Arad
Debrecen
Budapest
Beograd
Zagreb
Ljubljana
Wien
Salzburg
Innsbruck
Zürich
Genève
Lyon
Marseille
Nice
Milano
Venezia
Trieste
Ancona
Roma
Napoli
Bari
Brindisi
Catania
Palermo
Cagliari
Ajaccio
Nice
Marseille
Nîmes
Perpignan
Toulouse
Bordeaux
Clermont-Ferrand
Paris
Le Bourget
Orly
Le Havre
Cherbourg
Jersey
Guernsey
Scilly
Valentia
Belmullet
Shannon
Galway
Sligo
Donegal
Aberporth
Holyhead
Manchester
Liverpool
Glasgow
Edinburgh
Belfast
Dublin
Cork
Rosslare
Aberdeen
Stornoway
Lerwick
Kirkwall
Wick
Tiree
Prestwick
Carlisle
Leeds
Norwich
Ipswich
Dover
Calais
Ostende
Bruxelles
Amsterdam
Rotterdam
Eindhoven
Groningen
Leeuwarden
Enschede
Arnhem
Utrecht
Den Haag
Hoek van Holland
Vlissingen
Köln
Frankfurt
Hannover
Bremen
Hamburg
Kiel
Lübeck
Rostock
Berlin
Dresden
Leipzig
Erfurt
Kassel
Münster
Dortmund
Essen
Düsseldorf
Aachen
Trier
Saarbrücken
Mannheim
Stuttgart
Karlsruhe
Freiburg
Augsburg
München
Regensburg
Nürnberg
Würzburg
Bamberg
Hof
Chemnitz
Zwickau
Plauen
Gera
Jena
Weimar
Halle
Magdeburg
Braunschweig







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 17 August 1971

The ridge of high pressure extending eastwards across the British Isles from the mid-Atlantic anticyclone declined somewhat as a depression northwest of Iberia moved slowly north and deepened. Vigorous cyclonic activity continued to north and northwest of Iceland and troughs of low pressure moved east across extreme northern districts of Britain. During the next 24 hours pressure is expected to remain relatively high over central and northern districts of Britain while the depression northwest of Iberia moves east into the Bay of Biscay.

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

Code FM 11.D

OBSERVATIONS at 00h. — 17 August 1971

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	00000	58050	22413	00900	12704			
Hurn	862	00000	40100	22409	00900	09604			
Thorney Island	871	00404	66020	22312	00900	09705			
Manston	797	01006	70020	23313	00900	12701			
Gatwick	776	00000	06410	23009	00900	09804			
Kew	775								
Heathrow	772	00000	56020	22714	00900	12801			
Honington	586	00803	48010	23510	00900	09102			
Wattisham	590	01506	44020	23312	00900	11400			
Gorleston	497	01506	62020	23416	00900	14702			
Aberporth	502	51504	87031	22411	55600	08707	85635		
Ross-on-Wye	627								
Filton	628	00000	58020	22511	00900	09003			
Rhoose	715	00000	70020	22210	00900	08804			
Chivenor	707	00906	48100	21612	00900	11805			
Mount Batten	827	00906	59050	21213	00900	11708			
St. Mawgan	817	01108	59050	20812	00900	10813			
Scilly	804	00807	48021	20214	00900	14708			
Culdrose	809	01007	40100	20913	00900	12707			
Guernsey	894	00711	58050	20214	00900	13813			
Elmdon	534	00000	62020	22709	00900	08704			
Cardington	559	00502	58100	23107	00900	07802			
Wittering	462	00902	58020	22712	00900	09804			
Watnall	354	00000	40040	23210	00900	09002			
Shawbury	414	10000	74020	23108	15600	07802	81640		
Finningley	360	30000	48041	22911	35600	09702	83635		
Kilnsea	396	02309	65011	23014	00900	12601			
Leeming	257	52202	66031	22910	35502	09801	83625	84075	
Tynemouth	262	72711	72022	22013	756//	12000	87635		
Carlisle	222	82402	62022	22013	854//	11703	82715	83630	88637
Valley	302	00000	83020	22609	00900	07706			
Ringway	334	10000	58010	22912	15600	08803	81630		
Squires Gate	318	01306	70020	23108	00900	08703			
Ronaldsway	204	82303	80022	22613	856//	11804	81630	88643	
Mull of Galloway	131	80000	84022	22412	856//	10806	88640		
Eskdalemuir	162	82202	80036	21911	854//	10703	85711	88635	
Prestwick	135	72503	65202	21811	755//	10804	85620	87630	
Abbotsinch	140	82406	82032	21412	855//	09803	82620	85625	88630
Leuchars	171	72308	80021	20113	756//	10001	87637		
Dyce	091	73511	62042	20213	755//	11001	81620	87624	
Lerwick	005	82412	66285	16911	872//	11400	85704	88712	
Wick	075	72502	80032	19611	6563/	09002	86630		
Sule Skerry	010	82513	48505	17812	873//	12706	88708		
Cape Wrath	049	92306	02606	18511	9////	11704	89/00		
Stornoway	026	52206	75015	19812	55600	12003	85635		
Benbecula	022	82510	45506	20413	852//	12703	83704	85707	87711
Tiree	100	82307	70012	21113	855//	11806	82621	88629	
Aldergrove	917	81302	30102	22312	855//	11806	82620	88630	
Malin	900	82607	75505	22212	854//	09805	84712	88630	
Belmullet	976	20000	80011	22711	15402	09807	81719		
Birr	965	00000	69020	22508	00900	07706			
Dublin	969	10000	75021	22212	15600	10808	81645		
Shannon	962	03505	80010	22011	00900	09705			
Roches Point	952	10506	84021	22011	15602	08806	81640		
Valentia	953	60000	86031	21712	11506	10808	81827	86270	

OBSERVATIONS at 06h. — 17 August 1971

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	20910	40400	21111	11531	10503	81820		
Hurn	862	30000	50051	20609	35600	09506	83645		
Thorney Island	871	30608	62011	20813	35700	11604	83656		
Manston	797	10906	62020	22214	11400	11604	81815		
Gatwick	776	10000	08414	21907	00501	07605	81075		
Kew	775	00000	05424	22208	00900	08301			
Heathrow	772	00000	30020	22111	00900	10503			
Honington	586	01101	10284	22410	00900	10703			
Wattisham	590	01405	57024	22412	00900	11503			
Gorleston	497	31804	62030	22415	35600	11604	83630		
Aberporth	502	31107	69031	20511	00902	08706	83078		
Ross-on-Wye	627	10000	07424	21606	00901	06704	81075		
Filton	628	10401	58020	21409	00901	08703	81075		
Rhoose	715	20507	62030	20710	15501	08606	81625		
Chivenor	707	10903	58100	19710	00901	09708	81075		
Mount Batten	827	10915	56050	18514	15600	13712	81645		
St. Mawgan	817	11012	64010	18213	10931	10608	81362		
Scilly	804	10909	56020	17115	11500	14709	81820		
Culdrose	809	20910	50100	18014	15530	13711	81525		
Guernsey	894	01009	56050	18115	00900	13607			
Elmdon	534	00000	26110	22105	00900	05505			
Cardington	559	01502	34104	22306	00900	06501			
Wittering	462	00000	02410	22007	00900	06501			
Watnall	354	00000	48050	22110	00900	09503			
Shawbury	414	10000	02464	22206	15600	06502	81630		
Finningley	360	10000	12100	22209	16100	08001	81702		
Kilnsea	396	10000	48011	22211	10970	10602	81360		
Leeming	257	62102	82031	22309	65600	07601	86640		
Tynemouth	262	72708	66022	21812	756//	12400	87635		
Carlisle	222	82102	59212	21612	854//	10601	82715	86625	88638
Valley	302	20000	40284	21408	15632	07502	81640		
Ringway	334	10000	58020	21908	15700	06602	81650		
Squires Gate	318	11006	18284	22107	15700	06603	81650		
Ronaldsway	204	70000	82022	21613	704//	11501	81710	83826	85650
Mull of Galloway	131	80000	84022	21512	856//	10601	88645		
Eskdalemuir	162	82405	78022	21510	856//	08500	88635		
Prestwick	135	72903	83022	21312	754//	10500	81710	87638	
Abbotsinch	140	72104	81012	20811	755//	09502	84628	87635	
Leuchars	171	82506	80022	20012	855//	09501	88628		
Dyce	091	73105	75602	20011	754//	10500	87618		
Lerwick	005	72612	74036	17811	782//	10208	83703	85628	
Wick	075	72702	82012	19412	3853/	10301	81820	83636	86362
Sule Skerry	010	62605	74035	19012	4857/	11206	82820	84625	86360
Cape Wrath	049	82306	74026	19311	853//	11205	83708	88620	
Stornoway	026	52505	82012	20109	5093/	09305	85360		
Benbecula	022	60000	58115	20211	35232	11302	82704	83628	85362
Tiree	100	72405	84035	20712	755//	11501	83628	86640	
Aldergrove	917	80000	58045	21412	854//	10603	83618	87640	
Malin	900	72104	83025	21412	704//	09500	81818	87638	
Belmullet	976	70000	82031	21610	754//	09504	82718	87638	
Birr	965	70000	81032	21209	756//	08503	87638		
Dublin	969	70000	82031	21410	55632	08502	85643		
Shannon	962	70403	83031	20511	25432	10503	81719	84362	85075
Roches Point	952	60108	85031	20010	18472	08504	81819	85360	85070
Valentia	953	70000	86011	19812	7095/	10503	87362		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00101	05	+	≤ if
Hurn	862	00070	02	+	+
Thorney Island	871	00090	04	+	+
Manston	797	00120	09	+	+
Gatwick	776	00061	03	ifFf	FFf if
Kew	775	00060	02	ffFF	FFf
Heathrow	772	00100	03	+	+
Honington	586	97090	06	if	if
Wattisham	590	00110	07	+	if
Gorleston	497	00130	08	+	+
Aberporth	502	00101	05	+	+
Ross-on-Wye	627	00060	03	ff	ff
Filton	628	00091	04	+	+
Rhoose	715	00091	05	+	+
Chivenor	707	00091	07	+	+
Mount Batten	827	00110	05	+	+
St. Mawgan	817	00120	09	+	+
Scilly	804	00140	12	+	+
Culdrose	809	00120	11	+	+
Guernsey	894	00140	12	+	+
Elmdon	534	00041	01	+	+
Cardington	559	00051	00	+	f
Wittering	462	00071	01	+	≤ iF
Watnall	354	97071	04	+	+
Shawbury	414	00051	01	+	ff
Finningley	360	00081	06	+	+
Kilnsea	396	00110		+	+
Leeming	257	00071	05	+	+
Tynemouth	262	00121	12	+	+
Carlisle	222	97111	11	+	r_o
Valley	302	00060	01	+	+
Ringway	334	00070	05	+	+
Squires Gate	318	00051	02	+	f
Ronaldsway	204	00120	11	+	+
Mull of Galloway	131	00111			
Eskdalemuir	162	00101	09	+	+
Prestwick	135	97110	11	id_o	+
Abbotsinch	140	97101	10	+	ir_o
Leuchars	171	00110	10	+	+
Dyce	091	91111	11	+	r_o
Lerwick	005	94101	09	d_od_oFFff	+
Wick	075	00101	08	+	+
Sule Skerry	010	01111	10		
Cape Wrath	049	01101	11	ir_oFF	ir_o
Stornoway	026	92081	04	id_o	+
Benbecula	022	91101	06	id_o	+
Tiree	100	97111	09	id_o	+
Aldergrove	917	97111	10	+	d_o
Malin	900	97111	10		
Belmullet	976	97081	05		
Birr	965	97061	04		
Dublin	969	97091	06		
Shannon	962	97000	08		
Roches Point	952	97091	06		
Valentia	953	97100	06		

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_svsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	17004	42435	97011	03709	10932	61017	81362	84070	0//06	11028	30808	22011
B	99563	70511	17004	82320	98022	11709	3742/	00609	83617	88462	0//08	10821	30705	/////
C	99527	70355	17004	81710	95104	25013	862//	00716	88704	/////	0//13	11195	30302	/////
D	99440	70411	17004	20102	98022	30622	25600	00106	82630	/////	0//15	12301	30000	99/02
E	99348	70502	17003	50000	98021	26426	52500	61204	85320	/////	0//20	12670	30000	/////
I	99587	70182	17004	72725	98022	17512	784//	21001	83815	87630	0//08	11283	30706	29909
J	99525	70200	17004	73009	98022	24714	784//	71810	82818	87630	05212	11534	30101	26602
K	99453	70158	17004	53526	97016	08517	55400	81102	85615	/////	0//15	11679	30610	02805
M	99646	70016	17004	72426	97022	06510	6648/	00304	87715	/////	05108	11107	30507	/////

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_svsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70335	17064	72343	97021	99709	754//	61517	84712	87622	0//07	10908	30910	26212
B	99563	70512	17064	80320	98285	08808	8097/	00613	88360	/////	0//07	10902	30301	21704
C	99526	70355	17064	91810	93454	20213	9////	00628	89/01	/////	0//13	11190	30302	/////
D	99441	70410	17064	22105	98020	28720	25600	00710	82630	/////	0//15	12279	30000	99/02
E	99350	70486	17063	61705	98138	25025	63500	23607	86920	/////	0//21	12730	30000	/////
I	99587	70185	17064	82718	97022	18411	884//	00209	83816	85623	0//08	11298	30604	29907
J	99526	70204	17064	30112	97016	23714	38500	00211	82820	/////	05212	11533	30502	26602
K	99454	70159	17064	63536	97031	09217	68400	81317	82816	85623	0//15	11670	30610	02805
M	99645	70010	17064	72226	97028	07411	765//	00107	87721	/////	00008	11100	30507	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40081

Date of Issue Wednesday 18 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 17 August 1971

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	31211	64020	19619	31600	10809	83835		
Hurn	862	10910	60010	19720	11600	10707	81838		
Thorney Island	871	31211	62030	20120	31600	12709	83830		
Manston	797	10614	60020	21018	11600	10813	81835		
Gatwick	776	00612	70010	19920	00900	07816			
Kew	775	10610	66024	20420	11600	06812	81834		
Heathrow	772	10812	62010	20421	11700	07812	81850		
Honington	586	20603	74010	21520	24600	08710	82637		
Wattisham	590	51107	66021	21519	54600	09711	85640		
Gorleston	497	21110	60011	22716	22500	12804	82825		
Aberporth	502	20105	69031	19517	21600	14707	82840		
Ross-on-Wye	627	40607	58050	19720	41600	13715	84830		
Filton	628	41305	61010	19720	41600	11712	84830		
Rhoose	715	10810	59050	19120	11500	14712	81820		
Chivenor	707	31311	62020	17821	32600	13712	83832		
Mount Batten	827	11016	62050	17421	11501	13809	81820		
St. Mawgan	817	21218	59030	16622	11402	12706	81818		
Scilly	804	60913	48051	15817	12502	15706	81825		
Culdrose	809	50914	58052	16517	25302	15810	81709	83070	
Guernsey	894	00714	60050	16020	00900	11815			
Elmdon	534	21108	61020	20619	21600	08809	82838		
Cardington	559	10407	62010	21021	11600	08812	81830		
Wittering	462	21906	69010	20921	21600	09712	82840		
Watnall	354	11604	74010	20821	11600	09813	81835		
Shawbury	414	40000	62034	20720	41600	10713	84830		
Finningley	360	42404	62030	21421	41600	09713	84835		
Kilnsea	396	11111	57021	22416	10970	13803	81360		
Leeming	257	42202	74031	21420	42501	11713	84828		
Tynemouth	262	71108	74022	21817	785//	12806	83825	87630	
Carlisle	222	73004	83022	21916	785//	09802	81825	87650	
Valley	302	50705	74011	21019	16202	09804	81705	85075	
Ringway	334	22603	62020	20820	21601	09709	82840		
Squires Gate	318	63008	70021	21418	11601	12708	81835	86075	
Ronaldsway	204	70905	81012	21915	784/1	10000	81714	87650	
Mull of Galloway	131	80000	84022	22114	884//	10101	81818	88650	
Eskdalemuir	162	82806	83032	21714	885//	07000	83825	88642	
Prestwick	135	72806	84012	22116	4853/	09003	81825	83640	86360
Abbotsinch	140	72807	84026	22015	785//	09102	82822	83630	87645
Leuchars	171	83503	48512	21612	852//	11207	81705	85714	88645
Dyce	091	80208	75026	20914	854//	11000	82714	85630	88645
Lerwick	005	72510	79022	19913	6827/	10305	82705	84814	87360
Wick	075	73008	74032	21215	1253/	09004	81825	87360	
Sule Skerry	010	42705	74011	20915	25530	13206	82620	84360	
Cape Wrath	049	72304	74016	20612	2643/	12213	82710	86360	
Stornoway	026	51709	82031	21715	22531	10104	82825	83362	
Benbecula	022	43009	86021	21815	12531	11103	81820	83360	
Tiree	100	72907	81028	21715	784//	12002	82815	84628	87650
Aldergrove	917	73604	75022	21915	55532	08101	82622	85645	86075
Malin	980	53106	84022	22215	28502	12103	81820	84070	
Belmullet	976	40410	85012	21817	18532	09701	81821	83070	
Birr	965	70506	80606	21117	48572	10400	82823	83638	85462
Dublin	969	70905	80022	21316	22532	11704	82828	86362	
Shannon	962	70606	84606	20117	11538	11804	81825	84359	87268
Roches Point	952	70916	80022	19316	30978	11702	83458	87270	
Valentia	953	80000	80216	19416	3567/	10400	83638	88362	

OBSERVATIONS at 18h. 17 August 1971

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	10913	66020	16820	00901	08608	81075		
862	10807	62020	16520	10931	11614	81362		
871	10610	74020	16820	10930	10711	81360		
797	10415	64030	18716	11600	11714	81830		
776	00711	58040	18218	00900	11506			
775	10711	66020	18618	00901	10606	81075		
772	10912	62020	18519	00901	10708	81075		
586	10809	70010	20117	00901	09603	81075		
590	10707	69021	19917	00902	09605	81075		
497	31010	62030	20616	32500	11709	83820		
502	20706	64011	17817	11602	13709	81835		
627	30406	66020	17221	00902	09712	83075		
628	10608	64050	17221	00901	09509	81078		
715	30611	65011	16519	00901	09612	83075		
707	50509	62011	16020	10932	12806	81362	85075	
827	70813	56051	14318	5588/	12825	85657	85362	
817	70610	61031	14418	50982	11717	85359	87075	
804	70715	56022	13617	40976	13715	84358	87275	
809	70915	58052	13917	35672	12716	83645	84359	
894	20720	58050	12417	20980	12622	82358		
534	30607	65030	18320	00901	09808	83078		
559	11208	64010	18919	00901	10605	81075		
462	10611	64010	19219	11601	12503	81840		
354	20805	69030	19320	11601	10502	81840		
414	60905	66031	18421	15702	09507	81650	86075	
360	21109	66030	19819	14601	12500	81640		
396	01516	66020	20716	00900	13606			
257	40210	59040	20418	42601	13501	84840		
262	60905	74022	21715	6097/	13501	86358		
222	30000	83011	21016	14531	09503	81825		
302	60512	69031	19916	00902	12805	86075		
334	31802	66030	19221	24601	11606	82645		
318	23408	70031	19917	00901	12603	82075		
204	30705	84011	20816	15802	11606	81657	83075	
131	33211	80011	21315	10941	08605	81365	83075	
162	70000	80012	21514	785//	09500	81825	87640	
135	52606	81012	21415	28542	09602	81825	85075	
140	72207	83022	20916	785/1	11503	85828	83645	
171	71005	74015	21514	784//	11502	81815	87656	
091	70402	80026	21613	754//	11202	81712	87645	
005	82606	74032	21012	11437	10203	81810	88270	
075	73505	86021	22213	58531	10209	81820	84626	
010	72702	74022	22213	25506	11208	82620	87070	
049	52302	82022	22413	22545	11208	82820	83360	85070
026	63108	83012	22415	60934	08205	82360	85070	
022	53110	82021	22714	11502	11204	81822	85075	
100	13507	89011	22214	18502	11301	81825		
917	60611	80022	21316	48531	09503	81825	83635	85075
980	10307	82011	22114	18502	12500	81820		
976	50412	85031	21615	18532	10702	81822	83359	
965	70506	82022	19917	38532	09503	81824	83642	85070
969	70808	82022	20815	20936	11500	82362	86270	
962	70409	84022	18818	2563/	10604	82630	87360	
952	70710	65022	17917	60978	12606	86458	87267	
953	70307	70052	17817	1257/	13704	81828	87360	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00221	124	+	+
862	00210	119	+	+
871	00220	126	+	+
797	00190		+	+
776	00220	130	+	+
775	00210	130	+	+
772	00220	131	+	+
586	00210		+	+
590	00200	131	+	+
497	00180	107	+	+
502	00181	120	+	+
627	00220	116	+	+
628	00220	125	+	+
715	00211	118	+	+
707	00220	104	+	+
827	00210	111	+	+
817	00220	107	+	+
804	00200	078	+	+
809	00190	033	+	+
894	00210	115	+	+
534	00210	125	+	+
559	00221	128	+	+
462	00220	118	+	+
354	00220	122	+	+
414	00220	094	+	+
360	00231	115	+	+
396	00160	112	+	+
257	00210	089	+	+
262	00181	052	+	+
222	00181	043	+	+
302	00210	118	+	+
334	00210	131	+	+
318	00190	117	+	+
204	00170	049	+	+
131	00170			
162	00151	001	+	+
135	00161	039	+	+
140	97190	026	$i r_o$	+
171	91150	004	$d_o\text{-}d_o d_o$	+
091	97151	001	r_o	+
005	00140	029	+	+
075	00170	050	+	+
010	00160			
049	00140	087	+	+
026	00161	113	+	+
022	00161	120	+	+
100	97160	056	$p r_o$	+
917	00181	046	+	+
980	0016	109		
976	0017	107		
965	9719	025		
969	0017	057		
962	9720	015		
952	0018	034		
953	9218	005		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

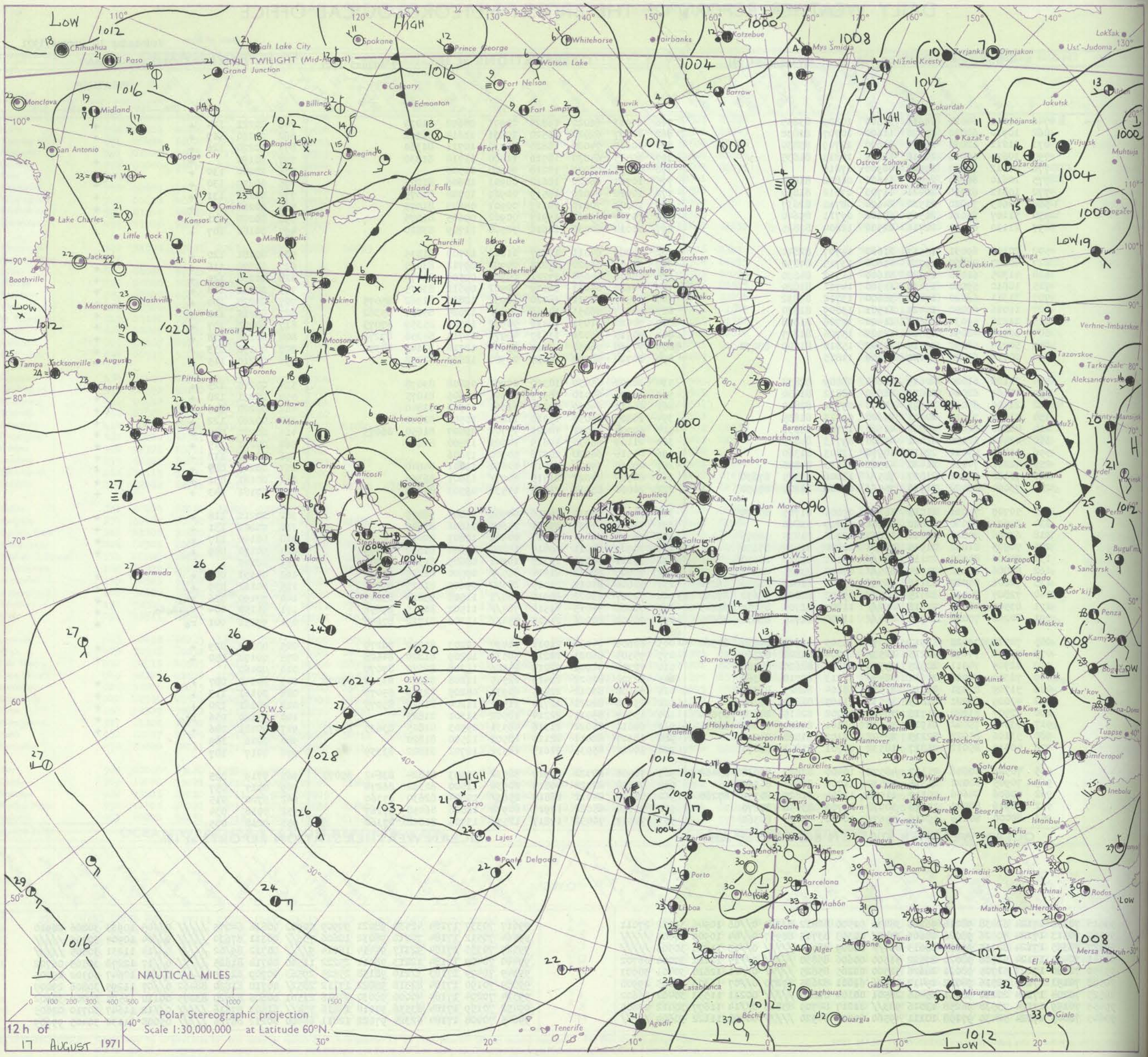
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70336	17124	62438	98216	96208	38431	51500	82812	83360	0//06	10946	31212	27011
B	99564	70513	17124	80426	98026	08606	3742/	00303	83715	88957	0//04	10909	30604	/////
C	99527	70355	17124	82315	95104	18013	864//	00809	88710	/////	0//13	11226	30503	/////
D	99441	70411	17124	51706	98020	27522	51500	00606	85830	/////	0//17	12262	30000	06702
E	99350	70480	17123	51705	98021	26626	52500	00205	85825	/////	0//21	12618	30401	30903
I	99588	70191	17124	72516	98012	19412	24506	61001	82625	87270	0//07	11303	30805	29908
J	99525	70204	17124	20210	98011	25416	28501	00104	82820	/////	00211	11553	30402	26602
K	99455	70159	17124	73538	96258	13016	983//	81217	84709	85816	0//14	11677	30412	02805
M	99645	70009	17124	52430	97158	10111	49560	00217	84920	/////	00008	11122	30609	/////

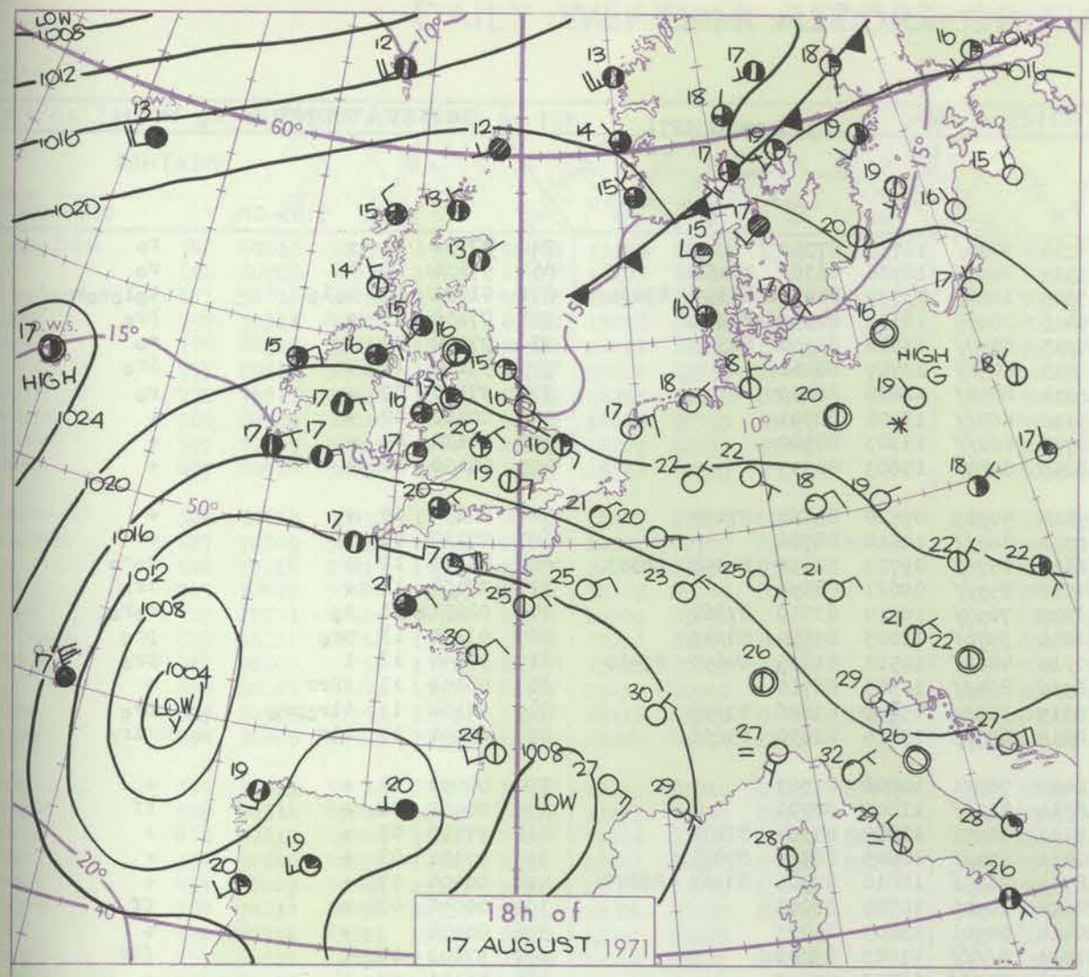
OCEAN WEATHER STATION REPORTS at 18h.

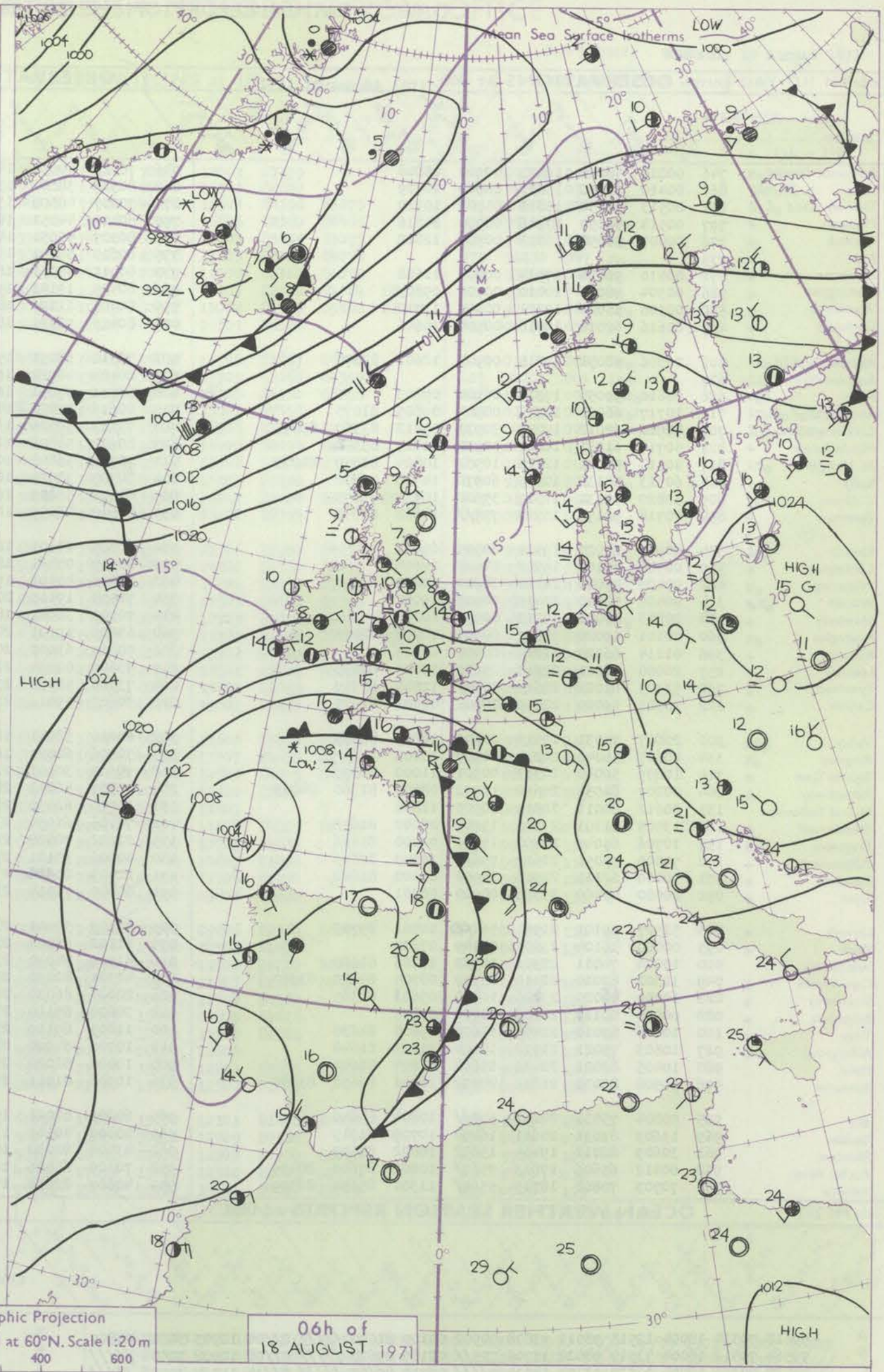
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70337	17184	42530	98021	94909	00902	00816	84075	/////	0//05	10933	30806	28910
B	99564	70512	17184	70210	98032	10606	755//	00311	87630	/////	0//04	10907	30705	/////
C	99527	70355	17184	92317	94454	16014	9////	00712	89/02	/////	0//14	11231	30505	/////
D	99440	70409	17184	12213	98011	25222	11500	00714	81825	/////	0//17	12278	30503	06702
E	99349	70479	17183	32210	98158	25525	29563	00709	82925	/////	0//21	12647	30302	29005
I	99589	70190	17184	82318	98022	17112	2852/	00718	81820	88462	0//07	11295	30806	29009
J	99524	70204	17184	40000	98030	24916	21501	00606	82820	83075	00110	11595	30000	30602
K	99452	70159	17184	83536	97018	14616	754//	61503	87616	/////	0//12	11647	30710	02805
M	99645	70008	17184	62324	97022	12811	66400	00212	86726	/////	05008	11132	30405	99609

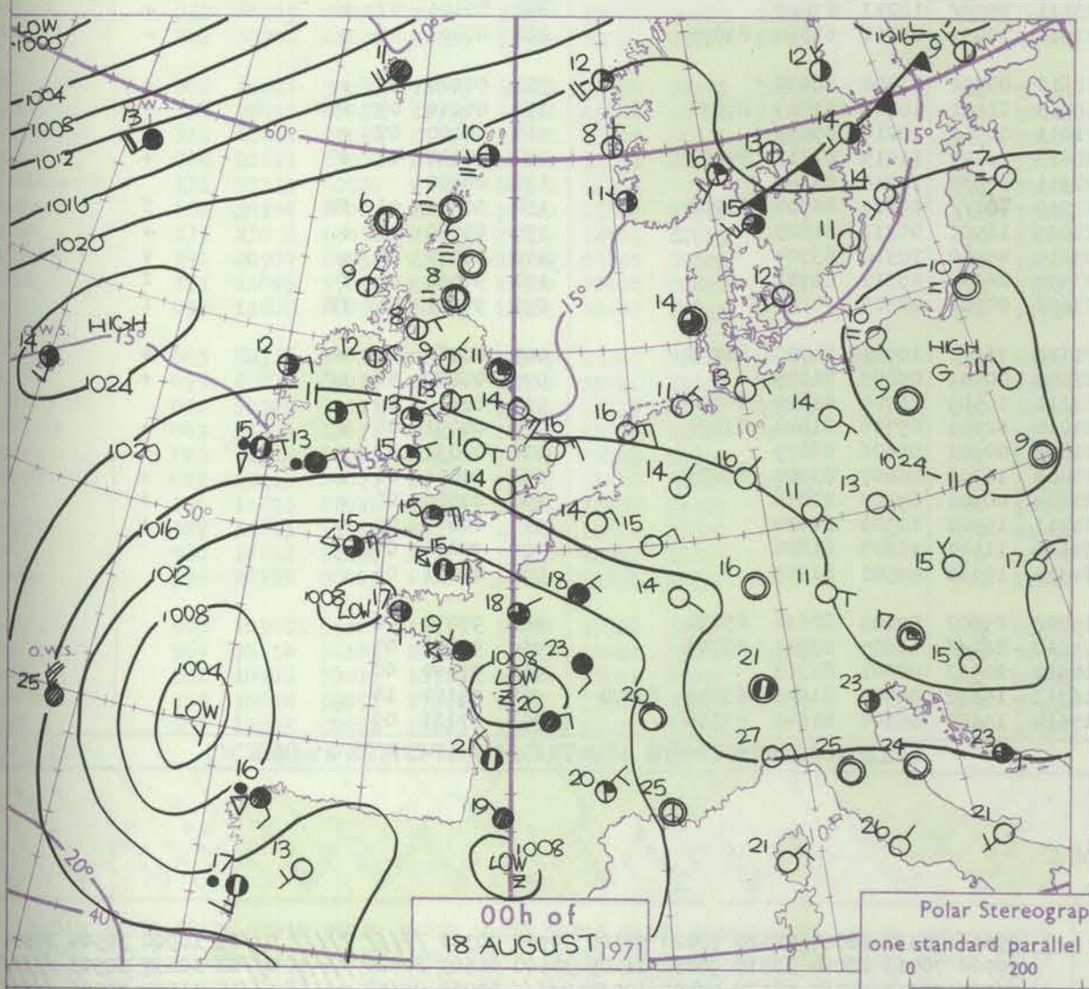
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
Low
High
Chihuahua
El Paso
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Kresty
Monclova
Midland
Calgary
Edmonton
Billings
Rapid
Regina
Fort Simpson
Inuvik
Barrow
Ostrov Žohova
Ostrov Kotel'nyj
Čokurdah
Verhojansk
Kazač'e
Jakutsk
Ojmjakon
Ust'-Judoma
Lokšak
Viljujsk
Muhtuja
Džardžan
San Antonio
Dodge City
Bismarck
Fort Nelson
Coppermine
Fort Smith
Lake Charles
Little Rock
Omaha
Kansas City
Minneapolis
Winnipeg
Island Falls
Cambridge Bay
Gould Bay
Resolute Bay
Mys Čeljuskin
Olenek
Tiksi
Jakson Ostrov
Verhnie-Imbatskoe
Jackson
Boothville
St. Louis
Chicago
Nashville
Montgomery
Columbus
Detroit
Toronto
Pittsburgh
Churchill
Baker Lake
Chesterfield
Nakina
Winisk
Moosonee
Port Harrison
Coral Harbour
Arctic Bay
Nottingham Island
Thule
Clyde
Tampa
Jacksonville
Augusta
Charleston
Washington
Norfolk
New York
Ottawa
Montreal
Fort Chimo
Resolution
Lake Harbour
Cape Dyer
Upernavik
Godthab
Frederikshab
Julianehåb
Godesdesminde
Nord
Barencburg
Dikson
Tazovskoe
Tarko-Sale
Aleksandrovskoe
Muzi
Hopen
Bjornoya
Danmarkshavn
Daneborg
Jan Mayen
Kap Tobin
Myken
Sodankylä
Murmansk
Arhangel'sk
Ob"jačevo
Perm
Bugul'ma
Kargopol'
Sančursk
Vologda
Gor'kij
Penza
Moskva
Kursk
Smolensk
Minsk
Kiev
Rostov-na-Donu
Tuapse
Simferopol'
Odessa
Sulina
Inebolu
Istanbul
Sofia
Beograd
Cluj
Sata Mare
Warszawa
Częstochowa
Berlin
Hannover
Hamburg
Prahá
Wien
Bruxelles
Paris
Munchen
Klagenfurt
Venezia
Genova
Ancona
Roma
Brindisi
Larissa
Athinai
Rodos
Heraklion
Mathon
Messina
Ajaccio
Barcelona
Mahón
Alicante
Tunis
Alger
Oran
Gibraltor
Casablanca
Porto
Lisboa
Santander
Lajes
Ponta Delgada
Corvo
Agadir
Tenerife
Funchal
Laghouat
Ouargla
Béchar
Gabès
Misurata
Benina
El Adem
Mersa Matruh
Gialo
Malta
Stockholm
København
Helsinki
Ona
Thorshavn
Lerwick
Stornoway
Belmullet
Belfast
Holyhead
Aberporth
Valentia
Manchester
London
Kjeller
Bodø
Rigel
Ustsira
Glasgow
Pas de Calais
Cherbourg
Brest
Dijon
Bern
Zürich
Clermont-Ferrand
Lyon
Toulouse
Marseille
Nice
Milano
Torino
Pisa
Napoli
Cagliari
Palermo
Catania
Malta
Tripoli
Sabratah
Nalut
Ghadames
Ghat
Tamanrasset
Bilma
Faya
Fada
Abéché
Nguigmi
Salalangi
Reykjavik
Galtarvit
Aputiteq
Ammassalik
Nanortalik
Julianehåb
Cape Race
Stephenville
Goose
Anticosti
Caribou
Yarmouth
Sable Island
Bermuda
Nassau
Key West
Miami
Tallahassee
Atlanta
Memphis
Oklahoma City
Amarillo
Albuquerque
Phoenix
Tucson
Yuma
Las Vegas
Reno
Fresno
Los Angeles
San Diego
San Francisco
Sacramento
Portland
Seattle
Spokane
Boise
Salt Lake City
Grand Junction
Denver
Cheyenne
Rapid City
Bismarck
Minot
Williston
Glasgow
Havre
Great Falls
Billings
Miles City
Helena
Butte
Missoula
Kalispell
Lethbridge
Medicine Hat
Edmonton
Calgary
Prince George
Prince Rupert
Vancouver
Victoria
Port Hardy
Kamloops
Penticton
Kelowna
Prince George
Fort St. John
Dawson Creek
Fort Nelson
Watson Lake
Whitehorse
Dawson
Fairbanks
Kotzebue
Nome
Barrow
Point Hope
Wainwright
Barter Island
Kaktovik
Aklavik
Inuvik
Tuktoyaktuk
Cambridge Bay
Coppermine
Gjoa Haven
Taloyoak
Spence Bay
Hall Beach
Igloolik
Pond Inlet
Resolute
Eureka
Alert
Isachsen
Mould Bay
Sachs Harbour
Holman
Cape Parry
Norman Wells
Fort Simpson
Yellowknife
Hay River
Fort Smith
Uranium City
Lynn Lake
Thompson
Gillam
Churchill
Baker Lake
Rankin Inlet
Coral Harbour
Nottingham Island
Cape Dyer
Lake Harbour
Frobisher
Fort Chimo
Resolution
Port Harrison
Great Whale River
Moosonee
Kapuskasing
Timmins
Sudbury
North Bay
Ottawa
Montreal
Quebec
Sept-Îles
Mont-Joli
Gaspé
Fredericton
Saint John
Moncton
Charlottetown
Halifax
Yarmouth
Sydney
Stephenville
Gander
St. John's
Cape Race
Goose
Anticosti
Caribou
Sable Island
Bermuda
Nassau
Key West
Miami
Tampa
Jacksonville
Tallahassee
Atlanta
Memphis
Nashville
Louisville
Cincinnati
Columbus
Detroit
Toronto
Pittsburgh
Washington
Norfolk
New York
Boston
Albany
Buffalo
Cleveland
Chicago
Milwaukee
Minneapolis
Duluth
Fargo
Grand Forks
Winnipeg
Brandon
Regina
Saskatoon
Prince Albert
Swift Current
Medicine Hat
Lethbridge
Calgary
Edmonton
Grande Prairie







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 18 August 1971

The depression northwest of Iberia remained almost stationary and another shallow thundery low formed over central France. A narrow ridge of high pressure was maintained across central and northern areas of the British Isles. During the next 24 hours no change is expected over the northern half of the British Isles. In the south, however, thundery troughs, forming over France, are expected to move northwestwards across southern England and south Wales.

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

Code FM 11.D

OBSERVATIONS at 00h. — 18 August 1971

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	00816	58050	16413	00900	08808			
Hurn	862	00410	62010	15313	00900	10809			
Thorney Island	871	00513	56050	15813	00900	10710			
Manston	797	00514	56050	17316	00900	14716			
Gatwick	776	00407	58050	16813	00900	12812			
Kew	775								
Heathrow	772	00410	56020	17914	00900	11608			
Honington	586	00304	48050	20010	00900	09803			
Wattisham	590	00506	56020	19311	00900	11710			
Gorleston	497	00616	62010	19716	00900	14606			
Aberporth	502	20706	58051	17615	00902	12601	82070		
Ross-on-Wye	627								
Filton	628	00610	59050	17313	00900	09803			
Rhoose	715	10717	66020	15714	00901	09805	81075		
Chivenor	707	50911	62012	14217	30931	05812	83360	83075	
Mount Batten	827	50717	61031	11817	50930	11827	85362		
St. Mawgan	817	40514	58021	12115	10932	10824	81359	84075	
Scilly	804	60313	58132	10515	60970	14728	86358		
Culdrose	809	30820	57131	11517	35600	10720	83645		
Guernsey	894	70718	50179	10715	797//	14818	87950		
Elmdon	534	00903	61020	19511	00900	09001			
Cardington	559	00306	48100	19509	00900	09604			
Wittering	462	00408	48040	20111	00900	10000			
Watnall	354	00406	50040	20710	00900	09001			
Shawbury	414	00803	40041	19213	00900	10001			
Finningley	360	20101	59020	21611	00901	10208	82078		
Kilnsea	396	01114	66020	21014	00900	12103			
Leeming	257	20000	40101	22313	25600	12003	82635		
Tynemouth	262	53305	61022	22613	5093/	12802	85359		
Carlisle	222	10303	59020	22009	00901	08001	81075		
Valley	302	20607	74031	19513	00901	12809	82075		
Ringway	334	00605	56040	20214	00900	10003			
Squires Gate	318	10809	50040	20313	00901	11000	81075		
Ronaldsway	204	40207	84031	20612	10932	08805	81360	84075	
Mull of Galloway	131	00612	84011	20813	00900	11808			
Eskdalemuir	162	13505	61101	23108	15700	08002	81650		
Prestwick	135	10706	65040	22308	15701	08000	81656		
Abbotsinch	140	70000	58051	22612	756//	10203	87643		
Leuchars	171	10000	62111	22908	15502	07000	81620		
Dyce	091	00000	05460	23306	00900	06001			
Lerwick	005	52507	59101	21910	56200	10501	85703		
Wick	075	00000	16104	23007	00900	07804			
Sule Skerry	010	10000	74011	22311	15500	11706	81620		
Cape Wrath	049	32302	82010	22410	25540	08705	82620	83360	
Stornoway	026	10000	66020	23206	10930	05603	81365		
Benbecula	022	00000	80111	22808	00900	07805			
Tiree	100	10106	87010	22409	15600	09608	81630		
Aldergrove	917	10603	75021	21712	15600	10603	81640		
Malin	980	10405	82021	22412	15600	11807	81640		
Belmullet	976	50508	83031	21812	25732	10701	82650	83070	
Birr	965	50804	75031	20211	556//	10804	85640		
Dublin	969	13603	83031	20611	16402	10709	81715		
Shannon	962	30609	82012	19414	15632	10802	81645		
Roches Point	952	80412	65606	17813	7567/	10802	87643	88459	
Valentia	953	70703	70808	18715	5567/	11301	85638	86359	

OBSERVATIONS at 06h. — 18 August 1971

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	70820	40051	14314	7098/	12738	87359		
Hurn	862	80312	38601	13514	8097/	12726	86360	88462	
Thorney Island	871	70207	48609	13315	1268/	13739	81840	85357	87461
Manston	797	80412	44051	16416	20987	15503	82359	88272	
Gatwick	776	80507	40051	14915	8097/	13812	85360	88365	
Kew	775	80610	56051	15715	8092/	13709	88462		
Heathrow	772	80411	45051	16314	8092/	12808	88459		
Honington	586	80405	19101	19113	860//	13500	88701		
Wattisham	590	80406	11101	18713	860//	13303	88700		
Gorleston	497	80415	58031	18216	8087/	15603	88357		
Aberporth	502	70511	58051	15814	50919	09520	85467	87170	
Ross-on-Wye	627	80409	48024	16712	863//	10610	88706		
Filton	628	80411	37051	16112	2578/	09723	82650	84358	88363
Rhoose	715	80616	59051	14113	857//	09621	88656		
Chivenor	707	71111	59026	13017	7097/	10510	83359	87360	
Mount Batten	827	80910	48808	12015	3578/	13003	83650	88359	
St. Mawgan	817	70918	56808	10216	4867/	14511	81835	84650	87460
Scilly	804	80707	32029	10916	864//	15305	88710		
Culdrose	809	61216	58109	10317	3553/	15709	83626	83359	
Guernsey	894	60612	23059	10216	69783	15816	82950	85656	
Elmdon	534	70307	20101	18410	763/1	10808	87707		
Cardington	559	80407	07461	18311	860//	11805	88701		
Wittering	462	70210	40101	19111	30972	11805	83364	87070	
Watnall	354	70503	19111	20411	674/2	10803	86714	87075	
Shawbury	414	70505	36041	18711	26336	10810	82706	83362	87273
Finningley	360	63605	19101	20610	00906	10709	86075		
Kilnsea	396	50817	63021	20414	00901	13803	85075		
Leeming	257	93606	01434	22011	9////	11003	89/00		
Tynemouth	262	73306	58022	23111	755//	10213	87625		
Carlisle	222	30607	59011	21910	10931	08011	81360	83075	
Valley	302	60210	58041	18612	00902	11004	86070		
Ringway	334	70906	62021	19813	11432	10808	81814	87070	
Squires Gate	318	70605	30101	21011	00902	10210	87072		
Ronaldsway	204	40307	56041	20613	16402	11015	81713	84072	
Mull of Galloway	131	30710	62030	21311	30930	10316	83360		
Eskdalemuir	162	70106	61054	23710	7602//	09219	84704	86708	
Prestwick	135	21202	70020	22807	18501	06211	81825		
Abbotsinch	140	40906	35101	23210	45200	10310	83704		
Leuchars	171	22405	23404	23407	26102	06312	81702		
Dyce	091	00000	70014	23602	00900	02305			
Lerwick	005	72107	59101	21510	762//	10301	84703	86708	
Wick	075	11102	66020	22009	00901	09803	81075		
Sule Skerry	010	41909	74030	21311	15505	11704	81620	84270	
Cape Wrath	049	42301	82030	21210	12501	09706	81820	83070	
Stornoway	026	20000	86030	21605	00901	05606	82075		
Benbecula	022	30000	89110	21407	16301	06607	81707	83075	
Tiree	100	11005	89110	21809	00901	09303	81072		
Aldergrove	917	10706	64020	21911	15500	10309	81620		
Malin	980	10000	82020	21510	11500	10603	81820		
Belmullet	976	10506	81011	21310	10930	09501	81359		
Birr	965	60205	80021	19708	25602	07002	82636	85070	
Dublin	969	80307	40101	19612	864//	11005	82711	87717	
Shannon	962	43408	82030	18910	20932	08001	83363		
Roches Point	952	70309	65026	16712	15672	09503	81643	83359	87070
Valentia	953	40607	82018	17614	15630	08504	81640	83358	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97131	10	+	r_o
Hurn	862	97130	11	l	r_o
Thorney Island	871	01131	11	t_ol_o	$t_ol_or_or$
Manston	797	97150	13	+	pr_o
Gatwick	776	97130	09	+	r_o
Kew	775	97130	11	+	ir_o
Heathrow	772	97130	09	+	r_o
Honington	586	00100	08	+	+
Wattisham	590	00110	09	+	+
Gorleston	497	00150	11	+	+
Aberporth	502	00131	09	+	+
Ross-on-Wye	627	00110	06	ff	+
Filton	628	91111	11	+	r_or_o
Rhoose	715	97130	12	+	ir_o
Chivenor	707	92151	11	r_o	r_or_o
Mount Batten	827	93150	13	pr_o	pr_o
St. Mawgan	817	97140	12	l	pr_o
Scilly	804	08141	13	TRrr	+
Culdrose	809	94150	13	tlr_opr_o	pr_o
Guernsey	894	02141	14	tlr	tlr_o
Elmdon	534	00090	05	+	+
Cardington	559	00081	06	+	ff
Wittering	462	97100	07	+	+
Watnall	354	97101	08	+	+
Shawbury	414	00100	07	+	+
Finningley	360	00091	08	+	ff
Kilnsea	396	00130		+	+
Leeming	257	97101	07	f	fFF
Tynemouth	262	00101	07	+	+
Carlisle	222	00091	06	+	+
Valley	302	00120	09	+	+
Ringway	334	00110	09	+	+
Squires Gate	318	00100	07	+	+
Ronaldsway	204	00110	07	+	+
Mull of Galloway	131	00100			
Eskdalemuir	162	00071	03	ff	f
Prestwick	135	00060	03	+	+
Abbotsinch	140	00070	02	+	+
Leuchars	171	97050	01	f	f
Dyce	091	97011	51	fF	f
Lerwick	005	00080	07	+	+
Wick	075	00040	51	lf	+
Sule Skerry	010	00110	09		
Cape Wrath	049	00091	08	+	+
Stornoway	026	00031	53	+	+
Benbecula	022	00051	01	+	+
Tiree	100	00080	00	+	+
Aldergrove	917	00081	05	+	+
Malin	980	97091	05		
Belmullet	976	00091	06		
Birr	965	97070	06		
Dublin	969	97100	07		
Shannon	962	97090	08		
Roches Point	952	97121	10		
Valentia	953	97121	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_vs_app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70334	18004	12518	98011	93808	00902	00109	81070	/////	0//04	10903	30804	24807
B	99564	70512	18004	73517	98022	11706	755//	00109	87628	/////	0//00	10902	30503	/////
C	99527	70355	18004	92328	93454	14014	9////	00710	89/02	/////	0//14	11235	30506	/////
D	99438	70411	18004	12017	97011	23022	11500	00710	81825	/////	0//21	12312	30806	/////
E	99350	70480	18003	32010	98021	25825	23501	00308	82925	/////	0//21	12655	30301	30803
I	99589	70187	18004	82128	98012	12912	3552/	00729	83625	88462	0//10	11307	30807	29010
J	99524	70204	18004	51808	99021	24314	00901	00804	85070	/////	05310	11584	30502	99/05
K	99449	70159	18004	83434	97018	16025	883//	81801	82706	84813	0//14	11630	30712	02904
M	99645	70008	18004	82324	97022	13811	864//	00106	88716	/////	05008	11120	30506	/////

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70332	18064	02520	98020	93108	00900	00302	/////	/////	0//05	10900	30504	24805
C	99564	70513	18064	33315	98258	11205	38500	00603	82820	/////	0//02	10837	30503	/////
D	99527	70355	18064	92122	93454	10014	9////	00716	89/02	/////	0//14	11234	30506	/////
E	99439	70409	18064	12118	98010	19622	11500	00620	81825	/////	0//20	12286	30605	/////
I	99350	70480	18063	22110	98018	24025	22500	00712	82825	/////	0//21	12674	30402	/////
J	99588	70188	18064	82145	96072	05713	884//	51630	86810	88625	0//11	11303	30812	/////
K	99526	70200	18064	52311	99031	22014	11501	00711	81822	85068	05311	11541	30502	99/05
M	99451	70159	18064	83432	97028	16816	884//	00309	85814	85623	0//14	11628	30712	02904
	99645	70008	18064	72022	97022	13411	5648/	00000	85716	/////	05009	11110	30406	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40082

Date of Issue Thursday 19 August 1971

Code FM 11.D — OBSERVATIONS at 12h. — 18 August 1971

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	60816	58056	15020	50982	13104	84359	83072	
Hurn	862	60708	60036	14422	657//	16105	86650		
Thorney Island	871	50610	61056	14323	40982	14208	84358		
Manston	797	70311	48801	16218	60988	15016	84358	85464	
Gatwick	776	60908	56216	15521	30982	16213	82359	84075	
Kew	775	80510	56606	15519	8098/	14004	83359	88461	
Heathrow	772	70513	56606	15619	60982	14005	82358	86467	
Honington	586	60714	62016	18620	50972	13010	85359	83075	
Wattisham	590	70709	58216	17619	2583/	13307	82657	87362	
Gorleston	497	60420	58052	17017	6097/	15718	80360		
Aberporth	502	80604	58052	17616	8097/	12207	87359	88465	
Ross-on-Wye	627	70309	58016	17516	4537/	13307	82707	83625	87460
Filton	628	70314	58216	16117	7088/	14804	83357	87360	
Rhoose	715	70419	56606	15315	5567/	12007	85645	87358	
Chivenor	707	20711	60016	14720	15730	14009	81650		
Mount Batten	827	40812	58058	13520	12681	15006	81845	84358	
St. Mawgan	817	70303	60058	13719	1268/	15013	81845	87358	
Scilly	804	80809	12502	13515	861//	15211	88702		
Culdrose	809	80906	40052	13716	5532/	14113	83709	84614	88460
Guernsey	894	30605	40051	12519	12782	15304	81856	83358	
Elmdon	534	70611	59056	18518	3147/	13203	83818	85358	87462
Cardington	559	70512	59054	17620	7097/	13105	85360	87462	
Wittering	462	70615	69022	18818	2147/	13306	82815	85360	86364
Watnall	354	70616	56052	19518	31438	12503	83818	85360	87278
Shawbury	414	70809	59042	19117	7097/	11604	83359	87362	
Finningley	360	70610	66034	20518	786//	12604	83830	87656	
Kilnsea	396	40714	63011	20415	30971	13506	83360		
Leeming	257	60610	69054	21617	685/2	11711	85827	84640	
Tynemouth	262	60109	74022	22914	22508	13806	82825	86275	
Carlisle	222	30706	62030	21518	31400	12008	81718	83825	
Valley	302	60817	59042	18717	20932	12504	82362	86075	
Ringway	334	70411	68022	19718	55702	09704	85656	85075	
Squires Gate	318	60814	70022	20519	11502	13506	81820	86070	
Ronaldsway	204	20611	63030	20717	00902	11803	82075		
Mull of Galloway	131	01113	60020	21316	00900	12001			
Eskdalemuir	162	30104	66011	22015	31400	11806	83815		
Prestwick	135	23008	66050	21619	21600	12706	82835		
Abbotsinch	140	20907	64051	22218	21500	09807	82820		
Leuchars	171	11009	75024	23215	11500	10400	81828		
Dyce	091	11608	86034	22517	12531	10603	81825		
Lerwick	005	82116	74031	20215	11407	08813	81812	84072	88275
Wick	075	61709	89031	21214	11601	09708	81830	86075	
Sule Skerry	010	32309	81011	20614	15501	11713	81620	83075	
Cape Wrath	049	31804	83011	20113	12505	10716	81820	83070	
Stornoway	026	21713	86020	20915	11531	11709	81822		
Benbecula	022	62113	84021	21316	15402	11807	81617	86075	
Tiree	100	11608	88010	22016	11502	13502	81825		
Aldergrove	917	31205	61050	21018	31501	12602	83820		
Malin	900	10608	82020	21715	11400	12601	81817		
Belmullet	976	20313	88403	21216	28400	12601	81718		
Birr	965	10308	59101	19417	15600	13002	81645		
Dublin	969	70614	56102	20015	51502	12003	85820	83070	
Shannon	962	10408	70010	18719	00901	12001	81070		
Roches Point	952	70612	59051	17318	50972	13205	85359	85070	
Valentia	953	10509	80021	17819	15700	13703	81656		

OBSERVATIONS at 18h. — 18 August 1971

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	70812	58212	14121	7098/	12003	87359		
Hurn	862	30511	57051	13523	25730	16301	82650		
Thorney Island	871	50515	66031	13422	40988	12801	84358	83275	
Manston	797	80314	32058	14618	60978	16805	82360	86465	
Gatwick	776	70711	57051	14720	50982	13003	85359	83075	
Kew	775	60612	58056	15222	20988	11803	82361	84076	
Heathrow	772	60613	60056	15322	20982	11000	82362	86075	
Honington	586	80411	58056	17518	50977	14102	82360	84364	88275
Wattisham	590	80612	58036	16619	8098/	13002	81359	85362	88465
Gorleston	497	60316	58052	18117	60970	16307	86360		
Aberporth	502	60408	48216	16416	1583/	13706	81657	86360	
Ross-on-Wye	627	70407	60216	15819	3878/	13705	83656	87359	
Filton	628	60310	60052	15119	1968/	15703	81930	86358	
Rhoose	715	70412	56296	14717	7098/	13801	87358		
Chivenor	707	70708	50019	14519	1568/	15706	81635	87358	
Mount Batten	827	60404	56051	13620	2268/	16400	82835	85358	
St. Mawgan	817	70000	44056	14318	2568/	15302	82645	87358	
Scilly	804	80000	24055	14716	864//	15203	88710		
Culdrose	809	80000	50052	13818	3557/	15002	83624	83359	87460
Guernsey	894	23307	40051	12121	20983	16804	82359		
Elmdon	534	50713	62012	17518	19681	12706	81930	84078	
Cardington	559	80411	58058	17119	60987	14203	86360	88275	
Wittering	462	60415	62016	17916	614//	14001	83710	85816	
Watnall	354	70512	61216	19515	6567/	13501	86645	87360	
Shawbury	414	30908	61046	17918	10981	12709	81359	83075	
Finningley	360	70608	66012	20317	4857/	13701	81828	84650	87360
Kilnsea	396	80516	66031	20315	8097/	13302	88360		
Leeming	257	60710	69052	21617	22682	12501	82835	83070	
Tynemouth	262	60805	66021	22615	6093/	13803	86359		
Carlisle	222	41007	62030	21118	45700	11602	84650		
Valley	302	50510	61046	18517	50982	11603	85360	83075	
Ringway	334	70611	58212	19118	45852	11707	84657	87359	
Squires Gate	318	71009	65021	19918	50972	12503	84359	86070	
Ronaldsway	204	30208	63036	19818	20931	11810	82360		
Mull of Galloway	131	00000	62020	20917	00900	11601			
Eskdalemuir	162	70206	62031	21216	705//	11803	84825	84635	
Prestwick	135	23307	65050	21519	24600	13703	81835		
Abbotsinch	140	10307	70050	20919	12600	10603	81835		
Leuchars	171	11310	80020	21816	00901	11704	81070		
Dyce	091	11714	82020	21315	15500	09803	81620		
Lerwick	005	62218	80032	19113	20972	09606	82360	86070	
Wick	075	21906	89021	20516	15602	12501	81630		
Sule Skerry	010	62509	82021	19414	12502	11705	81820	86070	
Cape Wrath	049	52306	83021	19513	20945	11703	82360	85070	
Stornoway	026	41812	86031	20216	40931	12704	84362		
Benbecula	022	12111	87021	20815	15442	12805	81618		
Tiree	100	13405	86020	21615	10532	11602	81828		
Aldergrove	917	01003	59050	20519	00900	11000			
Malin	900	50708	75101	21314	3563/	12801	83635	83360	
Belmullet	976	10212	84020	21116	11500	12500	81821		
Birr	965	60510	61051	19317	15602	12101	81638	86070	
Dublin	969	70510	58052	19616	70930	12709	87360		
Shannon	962	40712	58101	18521	20932	11303	82360	83075	
Roches Point	952	70810	45056	17616	1567/	12500	81645	87358	
Valentia	953	63608	75021	17919	45732	14101	84656	84364	

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97231	038 +	$r_o$tl	
Hurn	862	01251	073 +	tlr_oR	
Thorney Island	871	00260	072 +	t_ol_o	
Manston	797	97210	pr$_o$	+	
Gatwick	776	91250	044 r$_o$	+	
Kew	775	91230	047 r$_o$	+	
Heathrow	772	93240	044 r$_o$	+	
Honington	586	97210	r$_o$	+	
Wattisham	590	97210	024 ir$_o$	+	
Gorleston	497	00190	050 +	+	
Aberporth	502	01171	004 ir$_o$	ir$_o$tlir$_o$	
Ross-on-Wye	627	01201	004 ir$_o$	ir$_o$	
Filton	628	93201	008 r$_o$r$_o$r	r$_o$l	
Rhoose	715	02191	005 ir$_o$r	ir$_o$t$_o$l$_o$ir$_o$	
Chivenor	707	04211	024 r$_o$r$_o$irt$_o$l$_o$r$_o$	t$_o$l$_o$rRpr$_o$	
Mount Batten	827	00210	039 +	+	
St. Mawgan	817	01211	009 iR	ir$_o$	
Scilly	804	97171	001 id$_o$	+	
Culdrose	809	01181	002 +	pr	
Guernsey	894	00261	072 +	+	
Elmdon	534	97200	028 ir$_o$	ir$_o$	
Cardington	559	97220	017 pr$_o$	+	
Wittering	462	97200	011 r$_o$	r$_o$	
Watnall	354	97190	007 +	+ r$_o$	
Shawbury	414	97200	028 ir$_o$	+	
Finningley	360	97190	017 +	r$_o$	
Kilnsea	396	00160	060 +	+	
Leeming	257	00191	056 +	+	
Tynemouth	262	00161	098 +	+	
Carlisle	222	00190	118 +	+	
Valley	302	97190	039 +	ir$_o$	
Ringway	334	97201	015 +	r$_o$	
Squires Gate	318	00220	079 +	+	
Ronaldsway	204	00191	089 +	+	
Mull of Galloway	131	00170			
Eskdalemuir	162	00181	050 +	+	
Prestwick	135	00210	130 +	+	
Abbotsinch	140	00200	111 +	+	
Leuchars	171	00170	122 +	+	
Dyce	091	00180	135 +	+	
Lerwick	005	00150	115 +	+	
Wick	075	00160	133 +	+	
Sule Skerry	010	00160			
Cape Wrath	049	00151	122 +	+	
Stornoway	026	00181	126 +	+	
Benbecula	022	00170	127 +	+	
Tiree	100	00180	140 +	+	
Aldergrove	917	00200	128 +	+	
Malin	900	9715	125		
Belmullet	976	0017	131		
Birr	965	9721	100		
Dublin	969	0017	059		
Shannon	962	9722	107		
Roches Point	952	9719	032		
Valentia	953	0021	109		

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

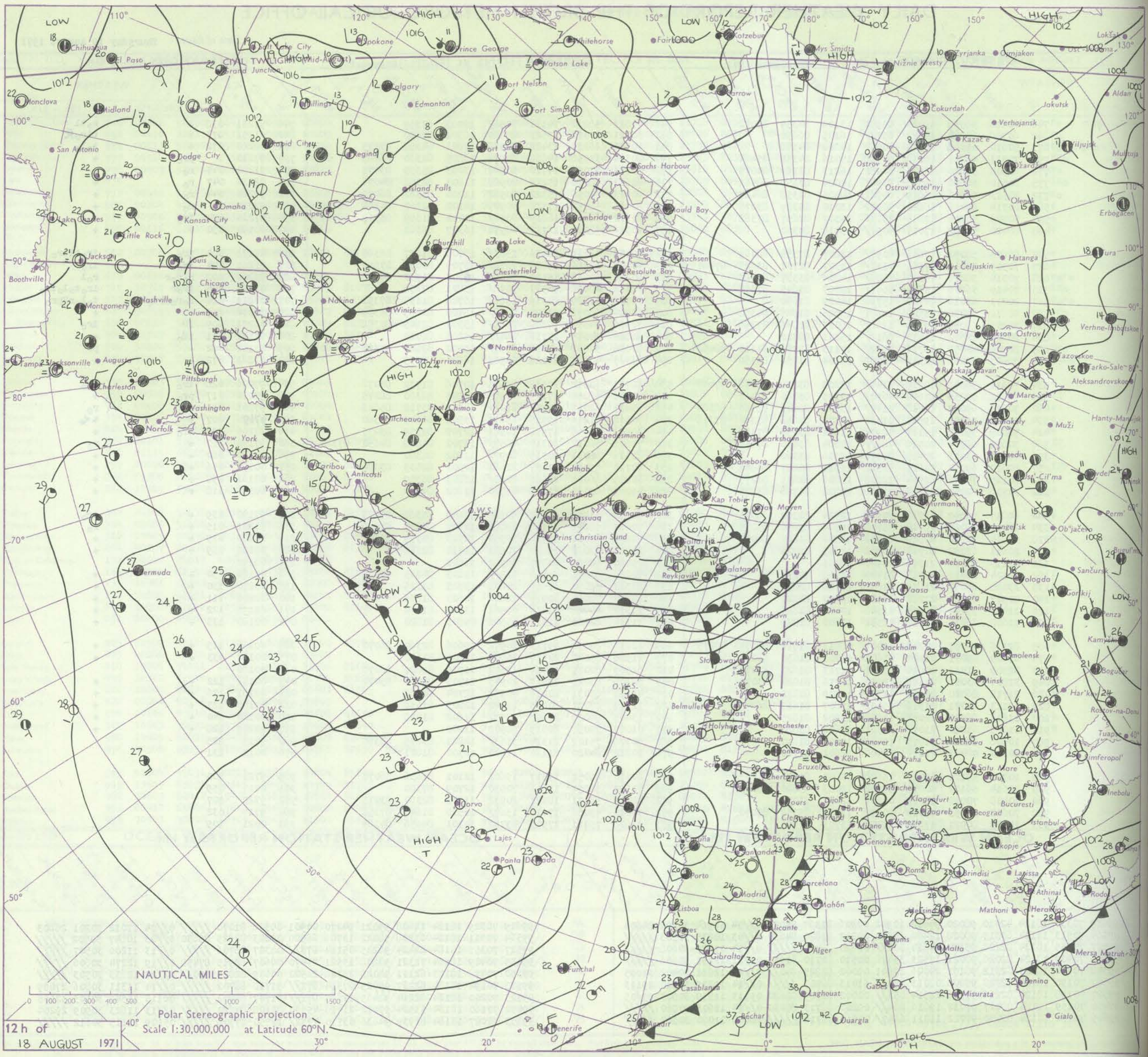
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	18124	42410	98020	94410	10942	00306	81367	84071	0//04	10964	30302	24804
B	99564	70513	18124	63315	98028	12406	68500	00312	83820	84630	0//03	10835	30503	/////
C	99527	70355	18124	82128	95104	04614	862//	00620	88703	/////	0//14	11229	30608	/////
D	99441	70409	18124	82026	98021	17523	33478	00510	82710	81915	0//21	12251	30606	/////
E	99348	70480	18123	62312	98151	24026	22501	00002	82825	840//	0//21	12621	30402	30005
I	99587	70190	18124	82328	95206	08013	872//	51013	88703	/////	0//14	11329	30910	29113
J	99527	70198	18124	82216	97516	22514	853//	00002	82709	88620	05113	11559	30503	99/05
K	99450	70159	18124	83427	97032	19816	864//	00206	86713	88630	0//14	11603	30810	/////
M	99649	70002	18124	82030	97022	11011	6647/	00718	86714	/////	00008	11080	30507	/////

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_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	70329	18184	12608	99021	94210	00901	00306	81070	/////	0//04	11012	30201	26803
B	99564	70511	18184	63208	98022	13706	68500	00203	82825	85630	0//03	10847	30502	/////
C	99527	70355	18184	82424	96205	05114	873//	00307	88706	/////	0//13	11200	30507	/////
D	99439	70409	18184	72321	98008	15521	23470	00607	82915	87458	0//19	12274	30606	/////
E	99350	70478	18183	62111	98028	23326	22502	00609	82825	850//	0//22	12633	30503	/////
I	99585	70194	18184	82227	95025	07314	871//	51710	88702	/////	0//14	11311	30806	27009
J	99523	70200	18184	82214	92465	21815	871//	41707	88702	/////	00115	11548	30503	32605
K	99452	70160	18184	53524	97012	21416	45530	82108	84620	/////	0//13	11623	30909	29204
M	99653	10007	18184	81939	94636	03110	7732/	12750	87708	/////	05109	11115	30612	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
Chihuahua
El Paso
Midland
Dodge City
Fort Worth
Lake Charles
Little Rock
Jackson
Montgomery
Tampa
Jacksonville
Augusta
Charleston
Norfolk
Washington
New York
Pittsburgh
Chicago
Nashville
Columbus
Kansas City
Omaha
Minneapolis
Bismarck
Rapid City
Billings
Regina
Winnipeg
Calgary
Edmonton
Spokane
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Fort Smith
Island Falls
Churchill
Baker Lake
Chesterfield
Nakina
Winisk
Moosonee
Toronto
Ottawa
Montreal
Maniwaki
Caribou
Anticosti
Gaspé
Yarmouth
Sable Island
Bermuda
Gander
Cape Race
Fort Harrison
Resolution
Nottingham Island
Coral Harbour
Coppermine
Sachs Harbour
Cambridge Bay
Resolute Bay
Arctic Bay
Eureka
Alert
Thule
Clyde
Upernavik
Cape Dyer
Godthab
Frederikshab
Narssarssuaq
Prins Christian Sund
Reykjavik
Keflavik
Stornoway
Belmullet
Belfast
Valentia
Holyhead
Manchester
Scilly
Jersey
Cherbourg
Bruxelles
Köln
Hannover
Hamburg
Berlin
Warszawa
Praha
Bodø
Narvik
Harstad
Tromsø
Kap Tobin
Vardø
Murmansk
Archangel'sk
Ob'jačevo
Perm'
Sverdlovsk
Tjumen'
Omsk
Novosibirsk
Barnaul
Irkutsk
Bratsk
Ust'-Kut
Jakutsk
Aldan
Verhojansk
Tiksi
Ostrov Kotel'nyj
Ostrov Žokova
Čokurdah
Nižnie Kresty
Mys Šmidta
Anadyr'
Kazač'e
Olenek
Hatanga
Mys Čeljuskin
Uelkal
Barrow
Kotzebue
Fairbanks
Whitehorse
Lokšak
Ust'-Nera
Oymjakon
Zyrjanka
Vilujujsk
Mirnyj
Erbogačen
Ura
Verhne-Imbatskoe
Aleksandrovskoe
Mare-Sale
Muži
Hanty-Mansijsk
Malye Kokuy
Tarko-Sale
Razovskoe
Russkaja Gavan'
Uelkal
Nikson Ostrov
Barentsburg
Bjørnøya
Hopen
Tromsø
Vardø
Kirkenes
Petsamo
Murmansk
Kandalaksa
Kem'
Onega
Severodvinsk
Archangel'sk
Mezen'
Nes'-Cil'ma
Ukhta
Inta
Pečora
Vorkuta
Salehard
Igarka
Dikson
Mys Čeljuskin
Tiksi
Ust'-Kut
Bratsk
Irkutsk
Ust'-Ilimsk
Tajšet
Abakan
Kemerovo
Novosibirsk
Barnaul
Rubcovsk
Omsk
Tjumen'
Ob'jačevo
Perm'
Kirov
Kotlas
Vologda
Sančursk
Gor'kij
Penza
Kamyšin
Bogučar
Kursk
Har'kov
Rostov-na-Donu
Taganrog
Simferopol'
Sevastopol'
Saki
Saki Mare
Evpatoria
Sulina
Constanta
Bucuresti
Inebolu
Istanbul
Izmir
Ankara
Adana
Beograd
Zagreb
Klagenfurt
Venezia
Milano
Genova
Ancona
Roma
Brindisi
Skopje
Larissa
Athinai
Rodos
Heraklion
Mathoni
Malta
Gabès
Tripoli
Misurata
Benina
Mersa Matruh
Gialo
Aden
Ouargla
Laghouat
Alger
Oran
Béchar
Agadir
Casablanca
Gibraltar
Alicante
Mahón
Barcelona
Madrid
Lisboa
Porto
Santander
Bordeaux
Clermont-Ferrand
Lyon
Dijon
Nancy
Metz
Strasbourg
Bern
Zürich
Milano
Torino
Nice
Marseille
Ajaccio
Cagliari
Palma
Tunis
Funchal
Lajes
Ponta Delgada
Santa Maria
Flores
Terceira
Corvo
Reykjavik
Keflavik
Stornoway
Belmullet
Valentia

18h of 18 AUGUST 1971

Mean Sea Surface Isotherms

00h of 19 AUGUST 1971

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

06h of 19 AUGUST 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 19 August 1971

The complex thundery low over France has filled slightly and moved north to affect southern districts of the British Isles. A weak ridge has been maintained from the Azores high across northern England to Scandinavia. To the north of the ridge a strong southwesterly airflow has been maintained by a series of Atlantic lows tracking northeast across Iceland. During the next 24 hours little change in the pressure pattern is expected.

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

Code FM 11.D

OBSERVATIONS at 00h. — 19 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	40611	48059	14915	40981	14505	84359		
Hurn	862	50205	60139	14016	4578/	14506	84650	84360	
Thorney Island	871	80305	56959	13418	5869/	15812	85635	85358	88360
Manston	797	73605	13131	14517	40986	16806	82359	83364	86272
Gatwick	776	80503	24056	14317	60887	15807	86357	88272	
Kew	775								
Heathrow	772	70409	56216	15217	1748/	15000	81713	87357	
Honington	586	80409	37102	16615	2627/	15803	82705	88460	
Wattisham	590	70509	30032	16115	36232	15503	83704	84365	87075
Gorleston	497	00414	59011	16717	00900	16706			
Aberporth	502	50409	58059	16114	25782	12812	82656	83070	
Ross-on-Wye	627								
Filton	628	80409	62299	16415	6638/	13301	83707	86709	88358
Rhoose	715	80414	60179	15315	896//	13504	88934		
Chivenor	707	80615	56179	14416	6968/	14707	84940	83656	88357
Mount Batten	827	50710	56171	13218	50980	14611	85358		
St. Mawgan	817	70206	37139	13716	2578/	15812	82650	87357	
Scilly	804	40202	48131	14515	46400	15708	84712		
Culdrose	809	80000	26959	14015	5353/	15603	83920	87360	
Guernsey	894	73603	16052	13516	757//	15302	87650		
Elmdon	534	80308	58176	18313	863//	13500	86707	88709	
Cardington	559	80309	59179	17015	873//	15002	83706	88708	
Wittering	462	80314	56052	17615	862//	13502	88705		
Watnall	354	60410	50131	19812	30982	12301	83362	86075	
Shawbury	414	30308	59040	19014	00901	11501	83075		
Finningley	360	43607	56026	19913	00901	12609	84070		
Kilnsea	396	20616	66031	19115	20970	13614	82360		
Leeming	257	33506	09411	21812	30930	11503	83362		
Tynemouth	262	43505	58021	22113	40940	13810	82359		
Carlisle	222	00907	59020	21111	00900	10809			
Valley	302	40814	59041	18015	20932	13809	82360	83075	
Ringway	334	50613	65036	19114	10932	10705	81359	85075	
Squires Gate	318	70708	65022	20514	7097/	12301	87361		
Ronaldsway	204	00308	58041	20114	00900	11805			
Mull of Galloway	131	00509	66010	21013	00900	11801			
Eskdalemuir	162	00000	28101	22308	00900	08709			
Prestwick	135	00000	58041	21211	00900	09707			
Abbotsinch	140	00205	61050	21510	00900	09707			
Leuchars	171	20000	56100	21707	26000	07713	82701		
Dyce	091	00000	80020	21809	00900	08806			
Lerwick	005	42219	74021	19213	25302	09605	81708	83075	
Wick	075	10000	89020	20713	10930	08805	81362		
Sule Skerry	010	72319	82022	19713	755//	11702	87620		
Cape Wrath	049	52310	87022	19013	5094/	10808	85360		
Stornoway	026	22012	82010	20512	20930	11706	82360		
Benbecula	022	21908	85020	21112	10941	11704	81362		
Tiree	100	10204	84120	21309	15702	09004	81650		
Aldergrove	917	00805	56050	20813	00900	10806			
Malin	900	10000	65101	21312	10930	10804	81360		
Belmullet	976	10504	81010	21110	15600	09603	81645		
Birr	965	00000	56101	20111	00900	09701			
Dublin	969	50306	60101	19713	1573/	12707	81656	85360	
Shannon	962	03404	61101	19513	00900	11000			
Roches Point	952	60208	80052	18213	15671	11605	81645	85070	
Valentia	953	00000	56101	19014	00900	12001			

OBSERVATIONS at 06h. — 19 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	70711	28179	13215	6928/	15706	85704	85930	87358
Hurn	862	80208	20139	12517	862//	15706	84704	88708	
Thorney Island	871	60308	23259	12716	33651	15602	83930	83360	
Manston	797	70505	14281	13516	70981	16500	86358		
Gatwick	776	60107	22052	13216	36381	15606	83706	85359	
Kew	775	80106	22051	14216	862//	15500	88704		
Heathrow	772	83609	30212	13816	862//	15607	84705	88706	
Honington	586	80310	32102	14716	5577/	15505	85656	88460	
Wattisham	590	70510	25606	14216	55782	15504	85650	86360	
Gorleston	497	80308	48606	14717	8092/	16702	88460		
Aberporth	502	70313	56056	15314	6578/	12608	86650	87362	
Ross-on-Wye	627	80305	48609	14314	872//	13710	86704	88706	
Filton	628	80207	23979	14414	872//	14702	82705	86708	88710
Rhoose	715	80412	45959	14314	872//	13503	83704	88707	
Chivenor	707	80606	37059	14315	854//	14301	84713	88635	
Mount Batten	827	70503	40059	13617	3568/	15303	83645	87359	
St. Mawgan	817	60703	23609	13715	2568/	15706	82645	86358	
Scilly	804	40703	16051	13615	46300	14705	84708		
Culdrose	809	30602	27109	13514	12531	14703	81820		
Guernsey	894	83005	01464	13215	870//	15304	88700		
Elmdon	534	80607	18959	17014	871//	13202	85702	88704	
Cardington	559	83510	30259	15416	873//	15707	88709		
Wittering	462	80111	40102	15915	862//	14508	88704		
Watnall	354	80309	19109	17713	861//	13507	88702		
Shawbury	414	70206	48049	16412	2648/	11815	82711	87358	
Finningley	360	83408	50102	18113	6647/	12611	86710	88364	
Kilnsea	396	70422	57021	16715	7097/	14716	87360		
Leeming	257	83607	19104	19812	5521/	12813	82703	84657	88468
Tynemouth	262	73406	58021	20912	3264/	12706	83830	87358	
Carlisle	222	70907	56041	20512	65732	11702	86650		
Valley	302	70613	59041	17014	50982	12806	85360	86075	
Ringway	334	60311	58601	16914	6098/	12810	84358	85360	
Squires Gate	318	70607	65032	18313	60892	11808	85357	83363	87070
Ronaldsway	204	70103	57041	19213	15782	11806	81650	86359	85075
Mull of Galloway	131	70710	63031	19512	7093/	10400	87360		
Eskdalemuir	162	60000	48054	21909	25681	07501	82640	84362	85074
Prestwick	135	20902	57040	20809	15742	08101	81656		
Abbotsinch	140	70000	16281	21407	762//	07301	87705		
Leuchars	171	90000	01504	22010	9////	10302	89/00		
Dyce	091	10000	05444	21605	10931	05802	81365		
Lerwick	005	82312	82021	18613	5567/	08301	85640	88645	
Wick	075	12102	89020	20011	10931	08500	81362		
Sule Skerry	010	32313	84011	18313	25530	11705	82625	83360	
Cape Wrath	049	42315	85030	18114	25530	10703	82620	84360	
Stornoway	026	11908	84020	19611	15500	10301	81622		
Benbecula	022	72008	80031	19912	4633/	12607	84707	85364	
Tiree	100	00000	84110	20210	00900	09503			
Aldergrove	917	73001	28101	20311	757//	09201	87650		
Malin	900	03202	60100	20410	00900	10500			
Belmullet	976	10502	70011	20511	16400	10202	81716		
Birr	965	70000	48101	19509	35632	08701	83640	84070	
Dublin	969	70306	08424	19013	6613/	12601	85702	83656	
Shannon	962	40105	50111	18611	20932	09802	82362	83075	
Roches Point	952	63410	40052	17313	15671	11501	81645	83359	85070
Valentia	953	30000	60100	18213	15640	10501	81645	83358	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_h$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	03141	14	tlr_0ltl	tlr_0tlRfr_0
Hurn	862	03151	11	tlrltrl	l
Thorney Island	871	01160	15	$tltlrtlr_0$	$t_0l_0pr_0$
Manston	797	00140	11	l	ifff
Gatwick	776	97150	13	r_0	+
Kew	775	91160	15	$t_0l_0r_0pr$	+
Heathrow	772	91160	14	r_0l	r_0l
Honington	586	92151	14	+	r_0r_0
Wattisham	590	91151	14	+	ir_0
Gorleston	497	97162	15	+	ir_0
Aberporth	502	01131	12	ir_0	ir_0ir
Ross-on-Wye	627	03141	13	$tlRir_0$	ir_0tlr
Filton	628	06141	13	$r_0rTlrTLTlrTL$	$tltlrTLRTlrr_0$
Rhoose	715	15132	12	$ir_0t_0l_0$	$ir_0t_0l_0TLR$
Chivenor	707	01151	13	$t_0l_0r_0R$	$l_0r_0t_0$
Mount Batten	827	00160	14	tl	+
St. Mawgan	817	03151	13	ir_0tlr	$tlririr_0$
Scilly	804	00150	12	l	l
Culdrose	809	96140	12	$pr_0r_0r_0trr_0$	+
Guernsey	894	00150	08	+	ffFFFf
Elmdon	534	11132	13	tlr_0tlRr_0rR	$tlrtlRr_0Rr$
Cardington	559	02151	14	$t_0l_0pr_0tltlr$	$tlrpRpr_0$
Wittering	462	00140	14	+	+
Watnall	354	02121	10	$t_0l_0r-r_0$	lr_0rR
Shawbury	414	02111	08	$t_0l_0r_0r$	$t_0l_0r_0r$
Finningley	360	00120	11	+	+
Kilnsea	396	97140		+	ir_0
Leeming	257	97111	10	fff	$FFir_0$
Tynemouth	262	00111	07	+	+
Carlisle	222	00090	06	+	+
Valley	302	94141	11	+	$irir_0$
Ringway	334	92131	11	+	r_0
Squires Gate	318	97120	10	+	pr_0
Ronaldsway	204	00110	09	+	+
Mull of Galloway	131	00110			
Eskdalemuir	162	00061	03	+	+
Prestwick	135	00000	05	+	+
Abbotsinch	140	00060	01	+	lf
Leuchars	171	97071	01	f-ff	$ffFd_0ff$
Dyce	091	00031	01	+	ff
Lerwick	005	00110	09	+	+
Wick	075	00070	02	+	+
Sule Skerry	010	00120	11		
Cape Wrath	049	00110	09	+	+
Stornoway	026	00070	03	+	+
Benbecula	022	00100	07	+	+
Tiree	100	00070	01	+	+
Aldergrove	917	00091	05	+	+
Malin	900	97091	07		
Belmullet	976	97101	07		
Birr	965	97090	07		
Dublin	969	97121	11		
Shannon	962	97109	08		
Roches Point	952	97131	09		
Valentia	953	97121	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	19004	12713	99020	97409	18502	00218	81820	/////	0//06	11001	30201	23003
B	99565	70511	19004	53211	98022	14706	58500	00306	83825	/////	0//02	10840	30501	99/02
C	99527	70355	19004	03613	98028	10910	884//	00227	86815	/////	0//06	11203	30506	/////
D	99440	70408	19004	02208	98258	14622	3242/	00808	83815	88457	0//20	12270	30301	23706
E	99350	70480	19003	62113	98028	23425	42570	00302	84325	86364	0//22	12626	30503	/////
I	99589	70187	19004	82230	95022	07214	873//	11003	88706	/////	0//13	11301	30910	26908
J	99524	70200	19004	62107	97104	22215	653//	00000	83707	86620	00015	11546	30502	32603
K	99451	70161	19004	23516	97011	22616	25500	00003	82620	/////	0//13	11619	30906	/////
M	99654	10010	19004	72329	97156	04111	6947/	00317	86915	/////	00009	11123	30711	/////

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70326	19064	32904	99030	01808	38500	00221	83820	/////	0//04	10975	30100	24904
B	99565	70510	19064	33217	98008	14606	38500	00501	82820	/////	0//01	10840	30402	/////
C	99527	70355	19064	60112	98022	11710	65400	00002	86615	/////	0//05	11205	30505	/////
D	99440	70407	19064	02717	98021	13521	00900	00802	/////	/////	0//16	12234	30505	/////
E	99350	70479	19063	32112	98020	21225	22560	00713	82825	/////	0//22	12615	30503	/////
I	99587	70188	19064	82226	95632	06713	872//	11303	84703	88706	0//13	11308	30807	25009
J	99525	70201	19064	72211	98021	20415	755//	00709	87620	/////	00014	11545	30502	32602
K	99451	70161	19064	23516	97020	23016	25500	00206	82620	/////	0//13	11627	30905	/////
M	99654	10012	19064	81922	94596	02711	7622/	00722	87705	/////	00110	11060	30507	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40083

Date of Issue Friday 20 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 19 August 1971

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	80405	32059	14217	862//	16001	85705	88706	
Hurn	862	83506	35059	13919	854//	17001	84715	88625	
Thorney Island	871	72205	45051	13822	785//	16008	83823	87640	
Manston	797	41508	40051	13822	10881	17002	81357	84072	
Gatwick	776	60904	45051	13524	60980	18000	86359		
Kew	775	01203	40051	13524	00900	16705			
Heathrow	772	20605	45051	13824	21600	17703	82830		
Honington	586	50106	50056	14623	50982	17500	85359		
Wattisham	590	20605	59016	14224	10981	17501	81359		
Gorleston	497	30111	48056	14717	20931	17400	82358		
Aberporth	502	80415	37219	14915	3527/	14808	81705	83656	88460
Ross-on-Wye	627	80106	24219	15415	872//	14603	86705	88707	
Filton	628	80210	28509	15416	872//	15504	86704	88706	
Rhoose	715	80612	50299	14717	5152/	14501	85824	88460	
Chivenor	707	51702	62029	14320	31433	17002	83817		
Mount Batten	827	82103	37172	14418	4557/	15002	84625	88460	
St. Mawgan	817	43406	28056	14617	6632/	15303	86706	87460	
Scilly	804	60106	16051	15317	66300	15103	86708		
Culdrose	809	82501	30051	14718	3151/	15205	83825	88460	
Guernsey	894	82308	17102	14417	860//	15002	82701	84702	88703
Elmdon	534	70105	40219	15517	6638/	15804	86709	86359	
Cardington	559	20206	58051	14323	11580	17610	81820		
Wittering	462	60413	58012	15319	6098/	16502	86359		
Watnall	354	70312	58052	16419	5853/	15607	82820	85650	86362
Shawbury	414	60902	40049	16519	4548/	16606	83714	83650	85359
Finningley	360	70410	58042	17519	714//	15505	87814		
Kilnsea	396	50520	58016	16616	30971	15803	83360	85075	
Leeming	257	80309	56216	19316	853//	14707	87709	88613	
Tynemouth	262	83508	37102	20314	864//	14804	88712		
Carlisle	222	70912	62022	19017	60982	12707	86358		
Valley	302	70512	59046	17417	7097/	15001	87362		
Ringway	334	80411	50606	17516	3548/	13005	81712	83650	88358
Squires Gate	318	71012	62038	18019	7098/	14704	84358	87360	
Ronaldsway	204	40709	62011	18519	12782	13604	81856	83358	
Mull of Galloway	131	43606	62011	18715	20931	12604	82365		
Eskdalemuir	162	60706	59052	19318	11581	12707	81829	84364	
Prestwick	135	51106	65011	19119	30982	10710	81358	83073	
Abbotsinch	140	60506	65054	19718	11531	09711	81825	85075	
Leuchars	171	71008	60015	20715	11432	11705	81818	87072	
Dyce	091	61512	64054	20217	11534	12705	81825	86070	
Lerwick	005	12214	80011	18318	10949	06709	81362		
Wick	075	21909	89020	19118	15642	11708	81635		
Sule Skerry	010	22609	81010	18716	25500	11702	82620		
Cape Wrath	049	32308	85020	18515	15509	12703	81625		
Stornoway	026	41717	84030	19117	25631	13606	82645	83359	
Benbecula	022	42113	86031	19717	25331	10500	81708		
Tiree	100	10305	83020	20017	10932	12400	81365		
Aldergrove	917	70605	60051	18818	3053/	12708	81820	86359	
Malin	900	10403	62100	19715	10930	13507	81359		
Belmullet	976	20306	72011	20018	16430	13801	81717		
Birr	965	30108	62051	18319	12502	13708	81826	83070	
Dublin	969	70407	56604	19415	5643/	12208	82711	84650	85359
Shannon	962	50109	56052	18519	18682	13704	81830	84362	
Roches Point	952	73309	40056	18017	2567/	14306	82645	87359	
Valentia	953	10309	65100	18420	10940	12000	81359		

OBSERVATIONS at 18h. 19 August 1971

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	73506	32052	13419	754//	17605	82710	87615	
862	73206	26051	13520	754//	17508	81612	87618	
871	31505	24051	13220	36300	18709	83706		
797	21405	40051	13020	10981	19508	81359		
776	22206	36051	13121	12501	18604	81825		
775	32105	56050	12823	30980	18502	83359		
772	72807	58051	12624	6953/	18503	83920	83640	
586	73609	50051	13122	00906	17706	87270		
590	70702	57051	12822	40932	16811	84362	86075	
497	23611	28051	13417	20930	17605	82360		
502	80000	28059	15316	855//	15803	84628	88650	
627	80000	28176	14117	853//	16707	83708	88615	
628	83401	30055	14218	853//	15812	82706	88615	
715	80000	34059	14717	854//	15805	85714	88622	
707	71006	56022	14818	5563/	15802	85638	86360	
827	72204	37059	14617	6557/	15001	86625	87359	
817	43405	37059	14817	25471	15803	81710	83360	
804	80000	16052	15916	863//	15103	88708		
809	83607	23052	15216	3532/	15201	82707	83617	88460
894	83406	08465	14216	860//	15606	83700	88701	
534	70210	56051	14120	32681	15005	83835	85357	
559	50210	58051	13519	50970	15301	85362		
462	70410	56051	14119	00906	15704	87275		
354	60307	58051	15119	10885	15801	81357	86075	
414	60107	56041	15320	686//	16604	82830	85656	
360	70308	61032	16219	55732	15705	85656	85360	
396	80115	57051	16116	8097/	15606	88360		
257	70311	37046	17816	4643/	14610	84712	87360	
262	83513	61026	18614	8097/	14610	88358		
222	70909	59028	17617	5863/	13606	81830	85645	87359
302	70411	58046	16418	7098/	15000	87359		
334	70310	58036	15919	70980	14501	87358		
318	73408	58046	16818	1268/	14501	81845	87359	
204	70203	62031	17619	40982	13702	84362	87073	
131	43209	66031	17517	20931	12707	82365		
162	70502	66032	18017	25676	13606	82633	85460	87072
135	43306	65050	17520	10931	12706	81365	83078	
140	50307	62051	17820	10932	13706	81365	84075	
171	40908	66031	18915	10932	13708	81362	84072	
091	51612	75031	18615	10932	11710	81362	84074	
005	22411	80020	18315	18249	09501	81703		
075	21905	74010	18316	10981	12603	81362		
010	32302	82030	18015	25589	12706	82625	83360	
049	52302	85021	18115	20942	13204	82360	84070	
026	62410	86021	18219	12635	13803	81830	84368	
022	72109	84031	18815	754//	13705	81710	87630	
100	23305	75030	19016	15632	11604	81640		
917	23006	62051	18119	11631	13608	81835		
900	33405	62100	19415	00902	13301	83070		
976	33507	83030	20017	15632	12102	81645		
965	70103	66022	18120	58532	12400	81824	85641	
969	70105	60056	18116	45632	11101	84645	85359	
962	60306	62052	18121	22631	13400	82830	84360	
952	71003	35051	17418	7043/	14301	81816	87645	
953	43511	65101	19417	16440	14308	81716	84359	

OBSERVATIONS during DAY

iii	RRT T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00201	001	+	+
862	00201	001	+	+
871	00230	081	+	f
797	00240		+	+
776	00260	073	+	if
775	00260	035	+	+
772	00270	035	+	+
586	00250		+	+
590	00250	072	+	+
497	00210	071	+	+
502	04171	006	$r_or_otlr_otlr$	tlrF
627	07181	001	tliriR	ir_otir
628	97181	000	d_oid_o	if
715	92191	011	$r_or_ot_ol_o$	+
707	93221	029	r_o	+
827	00190	004	t	+
817	97191	008	$tlir_otl$	ir_o
804	00200	051	+	+
809	00190	000	+	+
894	97170	000	$ffid_o$	ffFF
534	97221	030	rir_o	+
559	00260	056	+	+
462	00220	044	+	+
354	00211	040	+	+
414	04211	027	$t_ol_or_or_oTLR$	+
360	00210	047	+	+
396	00170	063	+	+
257	97181	005	ir_o	+
262	97151	004	id_o	ir_o
222	97181	018	pr_o	ir_o
302	97201	037	ir_o	+
334	96211	037	r_or	+
318	92211	023	+	ir_or
204	00200	051	+	+
131	00190			
162	97191	047	+	ir_o
135	00220	105	+	+
140	00210	085	if	+
171	00160	081	+	+
091	00100	130	+	+
005	00190	090	+	+
075	00190	137	+	+
010	00170			
049	00160	117	+	+
026	00210	121	+	+
022	97191	075	+	id_o
100	00190	131	+	+
917	00190	072	+	+
900	9716	126		
976	0019	116		
965	9721	067		
969	9718	040		
962	9723	085		
952	9120	048		
953	0021	107		

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_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70327	19124	13603	99020	06909	15500	00224	81624	/////	0//05	10975	30100	34704
B	99565	70511	19124	63118	98028	15307	62500	00310	86830	/////	0//03	10045	30402	/////
C	99527	70355	19124	80305	98022	11610	855//	00707	88625	/////	0//04	11160	30000	99/04
D	99440	70408	19124	72416	98030	13523	74506	00302	86625	/////	0//17	12266	30604	/////
E	99350	70480	19123	72518	98151	22325	22562	00213	82825	840//	0//22	12636	30504	/////
I	99588	70184	19124	73603	95615	10212	7532/	11114	82706	86612	0//11	11302	3//00	27008
J	99524	70197	19124	82214	97202	20916	873//	00002	88708	/////	00115	11550	30502	30603
K	99454	70156	19124	43414	97030	24416	45500	00105	84623	/////	0//12	11620	30905	/////
M	99655	10016	19124	82132	95616	03511	6722/	00208	86706	/////	00110	11086	30811	/////

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_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70327	19184	20705	99030	09310	14501	00210	81820	/////	0//05	11017	30201	35703
B	99565	70512	19184	33025	98012	15707	22530	00301	82830	/////	0//04	10045	30402	/////
C	99527	70355	19184	70705	98022	00210	72500	00725	87830	/////	0//06	11208	30000	99/04
D	99439	70409	19184	62627	98515	12223	23462	00503	82915	86357	0//18	12254	30604	/////
E	99350	70479	19183	72614	98258	21424	23566	00710	82925	83360	0//21	12611	30503	24804
I	99588	70182	19184	70207	97036	12412	704//	00210	81812	83615	0//10	11301	30201	27907
J	99524	70195	19184	82111	97022	19516	855//	00708	88620	/////	00115	11562	30502	28803
K	99453	70157	19184	63412	98031	25616	65500	00309	86626	/////	0//11	11651	30805	/////
M	99655	10019	19184	82228	95506	05211	863//	00210	88707	/////	00210	11075	30811	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

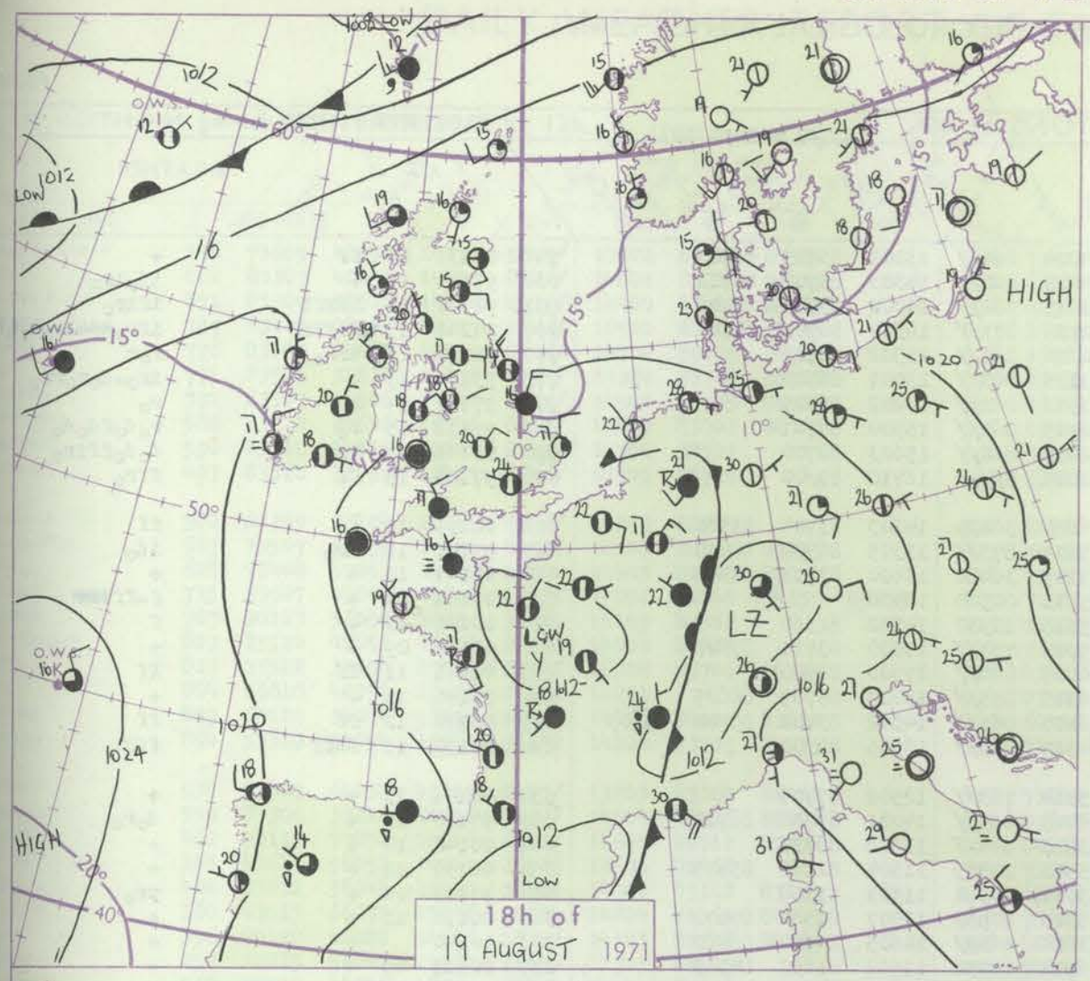
CIVIL TWILIGHT (Mid-August)

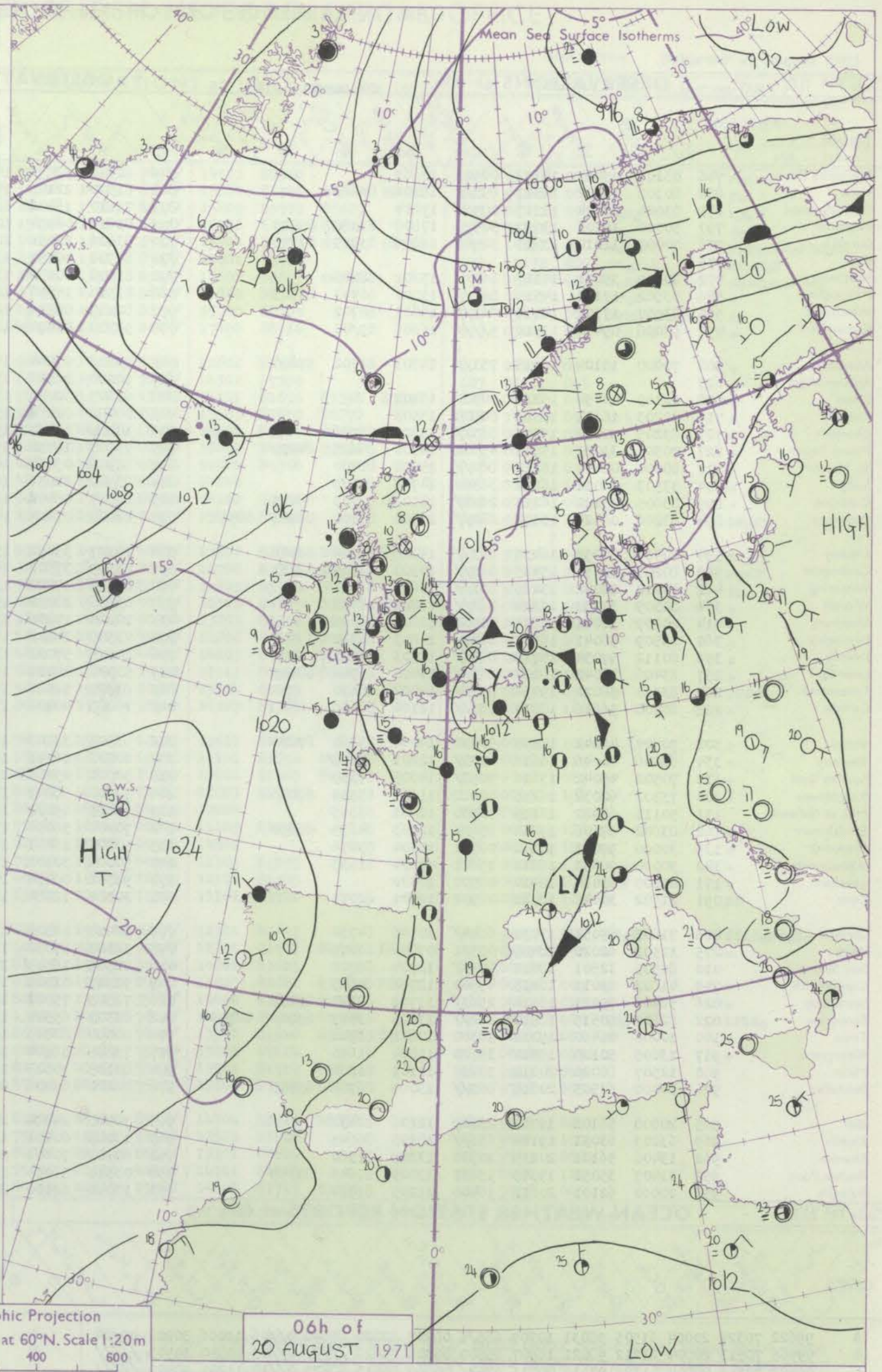
NAUTICAL MILES

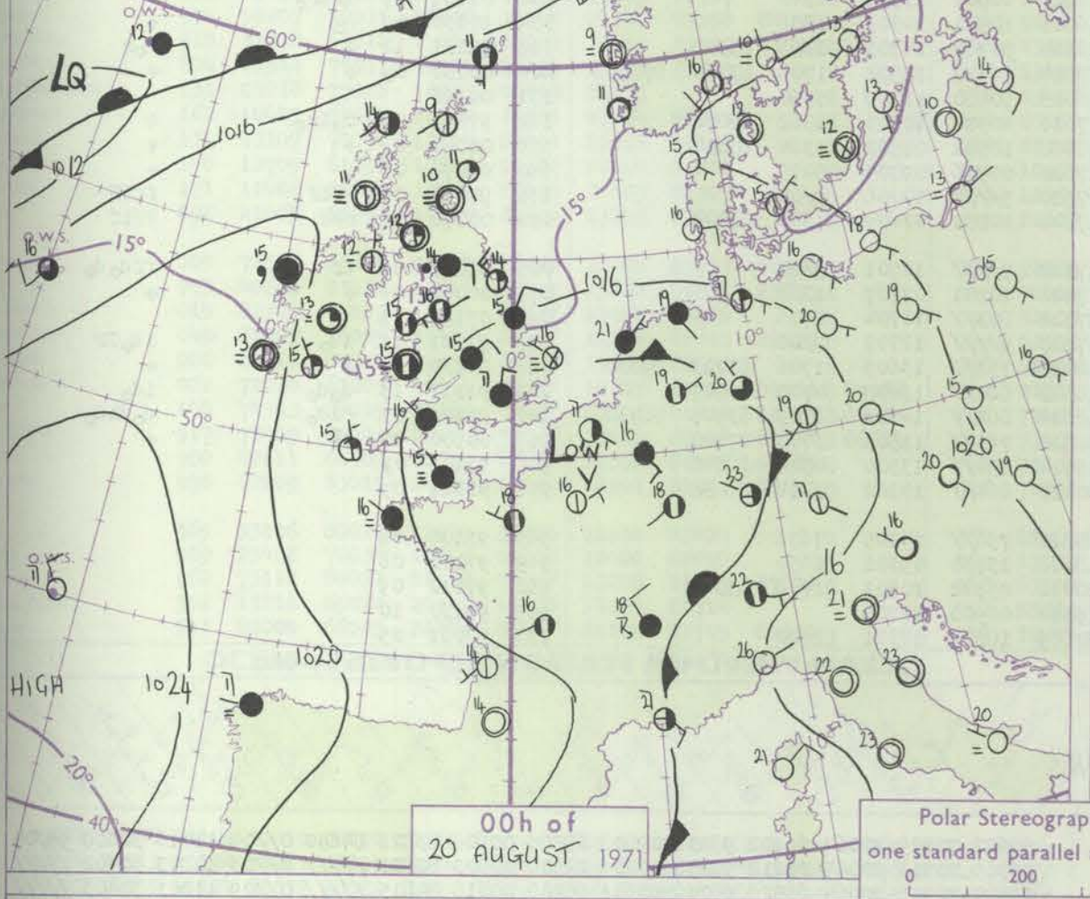
0 100 200 300 400 500 1000 1500

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

12 h of
19 AUGUST 1971







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 20 August 1971

The complex thundery low over France has drifted only a little northeastwards during the last 24 hours and has dominated the weather over southern districts of the British Isles. A ridge of high pressure has been maintained across Scotland from an anticyclone over the Azores to southern Scandinavia. A strong southwesterly airflow north of the ridge has maintained a sequence of depressions tracking northeast over Iceland. Little change is expected during the next 24 hours in the pressure pattern over the British Isles, but, a deepening depression now in mid-Atlantic is expected to become slow-moving southwest of Iceland raising pressure from Greenland to the northern North Sea.

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

Code FM 11.D — **OBSERVATIONS at 00h.** — 20 August 1971

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	03105	03461	14313	00900	13603			
Hurn	862	80302	18102	14517	855//	16301	88623		
Thorney Island	871	03004	08424	13317	00900	17804			
Manston	797	50000	19106	13017	30978	17808	83360	85275	
Gatwick	776	70000	11214	13217	30982	16806	83359	87075	
Kew	775								
Heathrow	772	80109	35051	14117	862//	15202	88705		
Honington	586	83502	17102	14516	862//	15000	86703	88705	
Wattisham	590	83507	17102	14115	861//	15001	88702		
Gorleston	497	93006	09474	13916	9////	16806	89/00		
Aberporth	502	70000	19104	16215	751//	14803	82702	87630	
Ross-on-Wye	627								
Filton	628	00105	40054	15216	00900	15101			
Rhoose	715	02803	16101	15315	00900	15503			
Chivenor	707	83205	32052	15917	863//	15501	88706		
Mount Batten	827	70305	33051	15915	45602	14500	84635	84070	
St. Mawgan	817	80000	02444	16215	860//	15002	88700		
Scilly	804	33503	16011	16915	36300	14704	83708		
Culdrose	809	83605	23102	16215	2622/	14103	82703	88459	
Guernsey	894	83206	08424	15315	860//	15000	83700	86701	88712
Elmdon	534	80409	40052	16015	863//	14306	86706	88708	
Cardington	559	80207	32051	15415	863//	14503	87709	88711	
Wittering	462	80210	22042	15215	863//	13603	88707		
Watnall	354	80309	37052	16314	862//	13701	88705		
Shawbury	414	20109	32041	16214	00901	13002	82075		
Finningley	360	83509	56041	16515	864//	14003	88710		
Kilnsea	396	80112	57054	15715	883//	15003	88708		
Leeming	257	83406	48042	18114	863//	13000	85706	88709	
Tynemouth	262	83310	58022	19114	856//	14002	88630		
Carlisle	222	80908	56616	18614	857//	12106	88656		
Valley	302	70507	48042	17515	50932	14004	85360	87070	
Ringway	334	60206	40046	16616	6093/	12203	86358		
Squires Gate	318	70502	45042	17616	7093/	14005	87359		
Ronaldsway	204	73302	62032	18215	50982	11102	85359	87070	
Mull of Galloway	131	50111	63022	18115	50930	12801	85365		
Eskdalemuir	162	83602	37606	19213	856//	12303	84635	88650	
Prestwick	135	30000	57041	18812	00901	10304	83076		
Abbotsinch	140	30000	58051	18811	15601	09204	81635		
Leuchars	171	00000	03414	18910	00900	10400			
Dyce	091	21602	30042	18711	00902	10301	82075		
Lerwick	005	71805	59051	17711	6644/	10705	84710		
Wick	075	12502	62020	18409	00901	07604	81075		
Sule Skerry	010	82505	32501	18012	873//	12704	88708		
Cape Wrath	049	41802	83011	18213	45500	12702	84625		
Stornoway	026	52405	75021	18514	2563/	13702	82640	85358	
Benbecula	022	82607	50515	18913	862//	13805	83703	85704	88709
Tiree	100	10000	08460	19311	16300	10801	81706		
Aldergrove	917	13605	50100	19512	15700	11004	81650		
Malin	980	12507	80020	20011	10930	11101	81360		
Belmullet	976	80000	67505	20615	863//	13000	86708	85715	
Birr	965	20000	56101	19713	25600	12106	82638		
Dublin	969	63203	63051	19112	656//	10105	86645		
Shannon	962	13408	56101	20115	10930	13209	81360		
Roches Point	952	33407	35051	19315	15630	13009	81645	83359	
Valentia	953	10000	62101	20813	16400	11205	81714		

OBSERVATIONS at 06h. — 20 August 1971

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	80306	32054	14014	862//	13301	85705	88707	
Hurn	862	83509	22105	14015	862//	14303	85704	88712	
Thorney Island	871	73610	15404	13015	762//	14002	83704	87708	
Manston	797	83612	06954	12116	871//	16304	86702	88704	
Gatwick	776	83606	22052	12616	863//	15502	88708		
Kew	775	83508	40051	13216	863//	13501	88708		
Heathrow	772	83508	40052	13516	863//	14202	88709		
Honington	586	83510	14506	12915	861//	15500	88701		
Wattisham	590	80110	08516	12415	860//	15603	88700		
Gorleston	497	93308	04474	12016	9////	16710	89/00		
Aberporth	502	53106	07444	16214	36230	14203	83704	83360	
Ross-on-Wye	627	80000	26506	15214	873//	13305	86707	88710	
Filton	628	63605	32051	15115	36480	13400	83713	84358	
Rhoose	715	00000	02464	15212	00900	12400			
Chivenor	707	10000	05461	15315	10930	14500	81360		
Mount Batten	827	73603	18052	15316	754//	15500	83711	87625	
St. Mawgan	817	82906	05464	16015	860//	15500	88700		
Scilly	804	83507	24051	16915	853//	13000	85709	88625	
Culdrose	809	83507	08444	16115	861//	14602	83702	85704	88705
Guernsey	894	82808	01464	14515	860//	15505	88700		
Elmdon	534	70107	35052	15314	763//	12502	87707		
Cardington	559	83509	37502	14015	863//	14001	87708	88710	
Wittering	462	80110	37022	13815	864//	13606	88710		
Watnall	354	63606	28052	15513	20939	11504	82365	85175	
Shawbury	414	10000	17100	15911	10981	11503	81359		
Finningley	360	73308	24102	15413	10932	12507	81360	87072	
Kilnsea	396	80218	57022	13614	4632/	14605	84708	88460	
Leeming	257	53506	44101	16912	15732	11502	81650	84363	
Tynemouth	262	83309	58021	17213	856//	13601	88630		
Carlisle	222	70000	40106	17113	40972	12501	84360		
Valley	302	63502	33106	16913	60932	13501	86360		
Ringway	334	20203	56111	16013	10982	10503	81358		
Squires Gate	318	50000	45106	16314	50980	14501	81358	85360	
Ronaldsway	204	72906	58042	17014	16332	12502	81708	83360	87070
Mull of Galloway	131	53615	69031	16613	50950	11709	85360		
Eskdalemuir	162	70000	56056	17611	40972	10503	83362	84070	
Prestwick	135	50000	16401	18008	10942	08502	81364	85074	
Abbotsinch	140	50000	30101	17810	00906	09704	85075		
Leuchars	171	92506	00454	17510	9////	10708	89/00		
Dyce	091	30000	12804	17008	10931	07604	81362	83075	
Lerwick	005	92410	02504	17112	9////	12501	89/00		
Wick	075	32302	87030	17408	10941	07707	81362		
Sule Skerry	010	82505	16515	17512	873//	12704	88706		
Cape Wrath	049	92317	01505	17213	9////	12707	89/00		
Stornoway	026	72505	75021	18013	753//	13603	81706	83711	87630
Benbecula	022	82307	65505	18613	862//	13603	84705	88707	
Tiree	100	80000	60515	18814	862//	14701	82703	83705	88710
Aldergrove	917	73608	56104	18812	760//	11503	83701	87702	
Malin	980	83105	70515	19714	854//	13500	84714	88640	
Belmullet	976	82202	65206	20415	864//	14302	85712	86635	
Birr	965	70000	24204	20211	756//	10305	87636		
Dublin	969	13009	60101	18811	15730	09301	81650		
Shannon	962	60103	70401	20012	25322	10501	81706	83362	
Roches Point	952	03515	56050	19314	00900	12205			
Valentia	953	10000	62100	20809	18501	08301	81820		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_aE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00131	09	ff	+
Hurn	862	97141	11	+	id_oir_o
Thorney Island	871	92140	12	fFFff	$ifir_o$
Manston	797	24161	15	ffFFif	ifr_o
Gatwick	776	96151	15	ifr_o	r_or
Kew	775	93161	15	+	$ir_o-d_or_orr_o$
Heathrow	772	97161	14	+	r_o
Honington	586	97151	15	r_o	$r_od_of_d_od_o$
Wattisham	590	03141	15	ir_o	$d_od_offir_o$
Gorleston	497	97161	15	ff	ffr_o
Aberporth	502	00131	11	f	ff
Ross-on-Wye	627	97141	11	ir_o	id_o
Filton	628	00141	12	+	+
Rhoose	715	00121	07	+	f-ff
Chivenor	707	00141	11	+	f
Mount Batten	827	00130	09	+	+
St. Mawgan	817	00141	11	ff	ff
Scilly	804	00141	13	+	+
Culdrose	809	00140	12	ff	ff
Guernsey	894	00150	15	FFff	fff
Elmdon	534	00141	13	+	+
Cardington	559	97150	15	+	d_or_o
Wittering	462	00140	14	+	+
Watnall	354	00130	11	+	+
Shawbury	414	97111	06	+	pr_o
Finningley	360	00130	12	+	+
Kilnsea	396	00140		+	+
Leeming	257	00121	09	+	+
Tynemouth	262	00131	11	+	+
Carlisle	222	03121	11	$r_or_or_or_or_o$	+
Valley	302	01131	09	$irir_o$	+
Ringway	334	97130	09	r_o	+
Squires Gate	318	92131	12	+	r_or
Ronaldsway	204	00130	09	+	+
Mull of Galloway	131	00120			
Eskdalemuir	162	97101	09	r_oir_o	+
Prestwick	135	00080	06	+	+
Abbotsinch	140	00070	03	+	+
Leuchars	171	97080	05	Ffif	fFF
Dyce	091	00070	03	fFF	FFif
Lerwick	005	91091	08	if	ffd_od_o
Wick	075	00060	04	+	+
Sule Skerry	010	97121	11		
Cape Wrath	049	97121	11	id_o	id_oFF
Stornoway	026	00130	12	+	+
Benbecula	022	91131	13	d_od_o	id_o
Tiree	100	91101	05	fid_o	d_odid_o
Aldergrove	917	00100	07	ff	+
Malin	980	97101	09		
Belmullet	976	91111	09		
Birr	965	97100	08		
Dublin	969	97101	08		
Shannon	962	97110	09		
Roches Point	952	97130	10		
Valentia	953	97081	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	99622	70329	20004	61505	98031	10709	685/1	00207	82820	85640	0//06	11006	30202	99/04
B	99565	70513	20004	63212	98021	16907	65500	00306	86628	/////	0//03	10840	30503	/////
C	99527	70355	20004	81125	97616	00011	6742/	00860	86815	88525	0//10	11204	30402	/////
D	99441	70412	20004	53127	97022	16318	52400	00218	85815	/////	0//14	12209	30608	/////
E	99350	70480	20003	71705	98258	22024	33570	00204	83825	87362	0//21	12626	30502	24803
I	99589	70181	20004	90808	98022	13712	884//	00303	83814	88625	0//10	11283	30201	27906
J	99524	70196	20004	62012	97022	18416	655//	00811	86625	/////	00115	11550	30502	28803
K	99454	70156	20004	03308	98021	27016	00900	00104	/////	/////	0//12	11635	30000	34804
M	99656	10022	20004	82918	97158	08809	894//	00220	88912	/////	05307	11085	30304	24608

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	99622	70329	20064	61102	98031	09808	68500	00608	83822	84640	0//04	11016	30000	99/04
B	99565	70513	20064	23212	98258	16606	22500	00603	82820	/////	0//03	10873	30402	/////
C	99527	70355	20064	63525	98036	93611	68400	00618	84815	/////	0//09	11201	30403	/////
D	99439	70410	20064	23325	98012	19016	21400	00213	82815	/////	0//08	12227	30608	/////
E														
I	99590	70165	20064	81313	96516	11313	873//	22506	88706	/////	0//13	11272	30402	26804
J	99523	70200	20064	82022	96505	13816	853//	51717	83707	86711	00216	11543	30805	28803
K	99453	70156	20064	12407	98030	26115	15500	00502	81620	/////	0//13	11632	30000	34002
M	99656	10021	20064	62515	97021	10809	48562	61108	84827	/////	05205	11055	30202	99506

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40084

Date of Issue Saturday 21 August 1971

Code FM 11.D — OBSERVATIONS at 12h. — 20 August 1971

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	73605	48052	14617	5643/	13802	85713	87360	
Hurn	862	83309	40056	14817	864//	14801	83710	88715	
Thorney Island	871	83304	39612	14216	853//	14400	85709	88625	
Manston	797	83411	28109	12217	862//	16500	81703	88704	
Gatwick	776	83309	30636	13215	872//	15704	86705	88708	
Kew	775	83506	32636	14116	873//	14304	86706	88708	
Heathrow	772	83307	27506	14116	872//	14502	85705	88707	
Honington	586	83212	20626	12716	871//	15807	83702	88703	
Wattisham	590	83312	14619	12516	870//	15706	88701		
Gorleston	497	83310	36059	12017	864//	17706	88710		
Aberporth	502	83309	23104	18215	862//	14209	88705		
Ross-on-Wye	627	73507	60055	16321	40938	14207	84359	87275	
Filton	628	73408	57051	15520	11502	14803	81820	87070	
Rhoose	715	63507	45054	15822	12631	14001	81845	83359	85075
Chivenor	707	30113	56054	16821	30980	15109	83362		
Mount Batten	827	23510	48051	16122	21600	15003	82835		
St. Mawgan	817	73512	37054	17517	3638/	16208	83706	86359	
Scilly	804	03610	48050	19118	00900	14211			
Culdrose	809	60110	30054	17318	683//	16209	84709	83820	
Guernsey	894	53310	35054	15717	36332	14104	83709	84075	
Elmdon	534	83409	60032	15119	8097/	13803	83360	88462	
Cardington	559	83305	37216	14716	863//	14504	86706	88708	
Wittering	462	70111	57052	14018	6643/	14607	86712	87358	
Watnall	354	43611	58051	14921	30938	13605	83366		
Shawbury	414	53611	58048	16520	30981	14301	83362	83075	
Finningley	360	43515	66031	15023	10934	14807	81360	84075	
Kilnsea	396	80122	48022	14616	3637/	14103	83708	88460	
Leeming	257	20215	59041	17521	11630	12303	81845		
Tynemouth	262	33518	48051	18215	30940	14104	83358		
Carlisle	222	30000	62021	17920	21530	14001	82823		
Valley	302	23412	61041	18317	16330	13105	81707		
Ringway	334	50207	58031	16422	30982	10500	83358	84075	
Squires Gate	318	33212	62011	17419	10942	16201	81359	83072	
Ronaldsway	204	13314	75011	18518	16431	13003	81715		
Mull of Galloway	131	03218	77010	18217	00900	13206			
Eskdalemuir	162	10405	74011	18020	11630	13204	81831		
Prestwick	135	13107	70051	19219	00901	10106	81075		
Abbotsinch	140	12705	61051	18821	11501	14204	81827		
Leuchars	171	11406	56054	19415	16230	13003	81705		
Dyce	091	21005	65034	19219	21430	13203	82818		
Lerwick	005	72513	66205	18414	762//	12008	83703	86708	
Wick	075	40606	83031	19816	38501	13208	82825	83075	
Sule Skerry	010	82309	74025	19014	855//	13209	88620		
Cape Wrath	049	82307	66025	19314	864//	12214	86710	88615	
Stornoway	026	81712	80022	19815	855//	13309	88626		
Benbecula	022	72010	61205	20015	762//	14207	84704	85706	87708
Tiree	100	70303	82015	20216	784//	13106	81818	83624	87635
Aldergrove	917	73409	80021	20216	753//	13108	83708	85712	86615
Malin	980	82611	60505	20715	862//	15308	86705	88635	
Belmullet	976	62209	83015	20719	684/2	12101	81717	86633	
Birr	965	33106	80021	21217	32500	12104	83824		
Dublin	969	23408	70030	19619	00902	12000	82070		
Shannon	962	73112	80022	21718	784//	13206	81815	87620	
Roches Point	952	13214	65020	20418	16400	14103	81714		
Valentia	953	83004	66025	22217	854//	15103	83715	88630	

OBSERVATIONS at 18h. — 20 August 1971

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	73410	40056	13819	7098/	14703	87360		
862	83104	50606	14219	6542/	16804	81715	86640	88462
871	82705	25216	13317	853//	15809	85709	88625	
797	83309	15202	11817	860//	16806	83701	88702	
776	83202	14616	13015	6532/	15703	83707	85710	88550
775	83605	23616	13417	874//	15701	88712		
772	83608	28636	13518	854//	16602	86615	88640	
586	83509	37056	12916	862//	15000	88704		
590	83511	19106	12516	862//	15000	88703		
497	83512	48102	12317	864//	17400	88710		
502	23212	66021	17915	20941	12602	82360		
627	73407	61052	15120	7093/	14302	87359		
628	73403	56052	15321	15782	14101	81656	83358	87070
715	72906	59058	15719	20946	17303	82359	86270	
707	53009	62051	16918	16431	15202	81714	84360	
827	73311	58051	16319	7097/	15202	84359	86362	
817	43412	48051	18017	40930	14000	84360		
804	03309	48050	19617	00900	14204			
809	60118	56051	17816	60940	14102	86360		
894	72707	26052	15616	7093/	15804	87358		
534	73610	59022	14721	4867/	13302	81840	84656	87363
559	83610	32626	14516	863//	16708	83706	88710	
462	80215	48212	14717	863//	14209	85708	88710	
354	73610	62031	15319	4563/	10306	82645	83656	87362
414	63410	58041	16618	60930	13103	83362	86365	
360	73613	66021	15919	756//	12206	82635	87650	
396	80223	48052	14815	4642/	14103	84710	88460	
257	70212	62051	18217	15742	11111	81650	87080	
262	43517	58024	19314	00901	13304	84075		
222	20407	80030	17721	10942	10303	81360		
302	10112	78020	18718	10931	13601	81362		
334	60211	58021	16022	15732	11101	81650	84360	
318	43309	65011	17217	10932	15601	81365	84075	
204	13413	82020	18117	11482	12603	81712		
131	03417	80020	18115	00900	13804			
162	10407	70020	18319	00901	11103	81077		
135	03308	82010	18918	00900	14801			
140	10907	75050	18523	00901	11301	81075		
171	10907	40050	19813	16230	12101	81705		
091	10605	65050	20015	16301	11102	81706		
005	92709	02455	19412	9////	12301	89/01		
075	70000	60021	20514	750//	12205	81701	84616	86635
010	32405	81011	19915	35500	14202	83625		
049	62305	83012	19913	25571	13203	82620	83360	86070
026	61403	82031	19915	3563/	14400	83630	84359	
022	72207	13285	20314	760//	14500	84701	87704	
100	73405	86022	20115	784//	13502	81816	83622	87640
917	73407	70022	20117	754//	13001	87614		
980	73401	81025	20415	754//	13501	81717	87630	
976	72308	87032	20716	7543/	12601	81718	86635	
965	82905	81022	20917	854//	14704	83715	88638	
969	13009	75011	19519	18500	13500	81826		
962	83108	82022	21517	855//	13301	88626		
952	53219	75031	20319	41402	14701	84818		
953	32804	80021	21817	25402	14605	81717	83070	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	92191	000	r_o	r_oir_o
862	97201	000	+	r_o
871	06171	000	r_or_or	r_or_oY
797	01171		r_o	d_of
776	14161	000	r_or_orr	$r_or_od_or_or$Rd$_o$d$_o$
775	11172	000	rr_or_oR	rr_or_oR
772	06182	000	$r_or_od_or$R	d$_o$-d$_o$r$_o$rRr$_o$
586	92171		ir_or	+
590	05171	000	rrRRtlrr_or_o	+
497	03200	004	irtlpr	+
502	00151	050	+	+
627	00231	056	+	+
628	00220	028	+	+
715	97241	052	pr_o	+
707	00220	088	+	+
827	00240	056	+	+
817	00200	073	+	+
804	00200	111	+	+
809	00190	048	if	+
894	91170	000	+	ir_off
534	97230	024	+	ir_o
559	03191	000	r_o	r_orR
462	97200	001	+	ir_o
354	00230	043	+	+
414	00210	061	+	+
360	00240	087	+	+
396	00160	000	+	+
257	00211	108	+	+
262	00151	077	FF	FFff
222	00231	106	+	+
302	00190	108	+	+
334	00230	117	+	+
318	00210	087	+	+
204	00190	108	+	+
131	00190			
162	00220	126	+	+
135	00190	126	+	+
140	00230	132	+	+
171	00170	076	fif	+
091	00201	122	+	ff
005	91151	005	id$_o$ff	ff1d$_o$Fd$_o$d$_o$
075	00170	095	+	+
010	00160			
049	00150	007	+	+
026	00170	023	+	+
022	97171	023	id$_o$	ifid$_o$
100	00170	001	+	+
917	00180	019	+	+
980	9117	007		
976	9719	050		
965	9719	027		
969	9721	130		
962	9719	032		
952	0021	128		
953	9719	045		

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

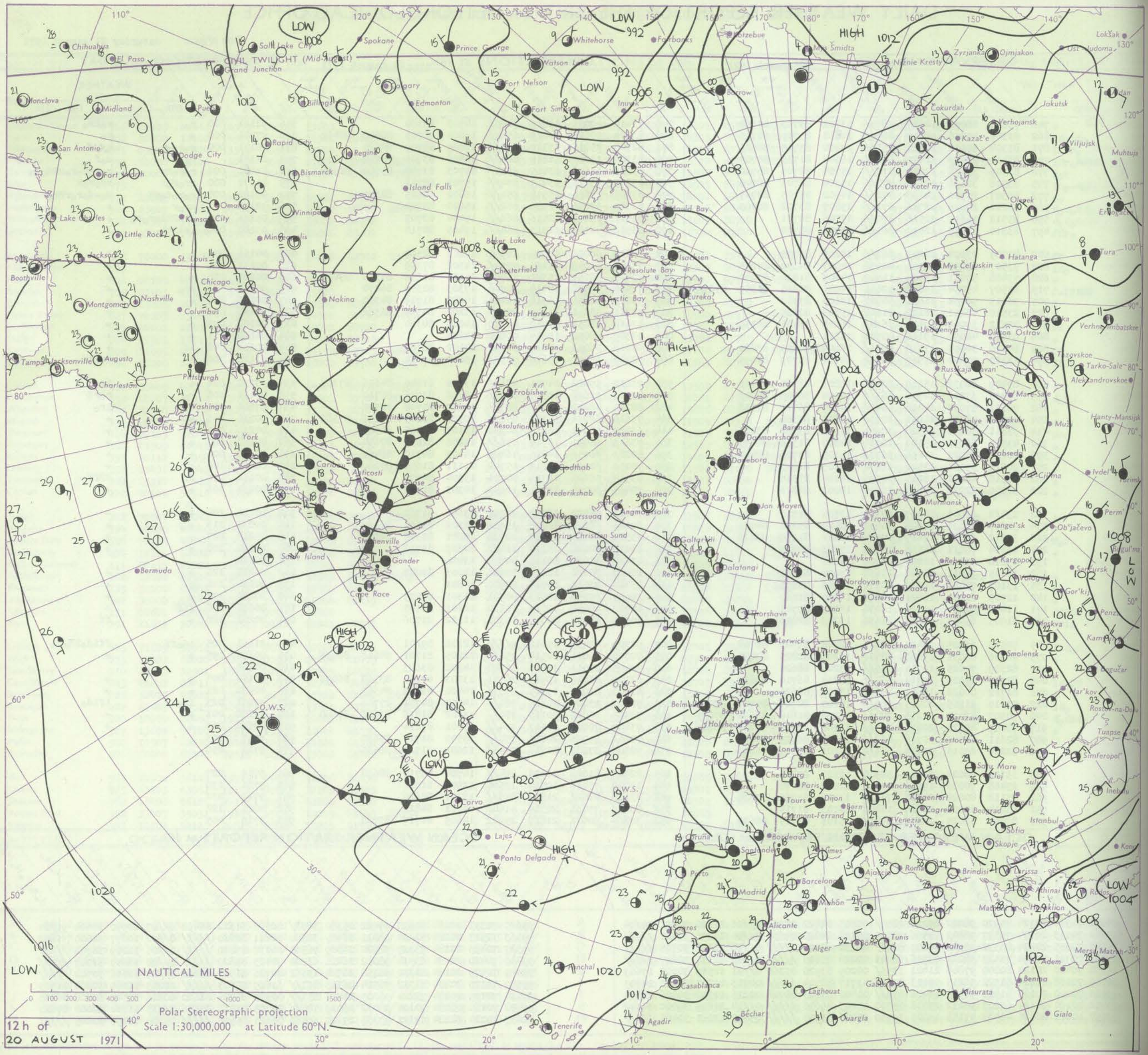
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70330	20124	70910	98022	09110	2857/	00805	81822	87362	0//06	11000	30201	99/04
B	99564	70513	20124	73507	98801	17506	78500	00108	84820	84630	0//04	10870	30301	/////
C	99527	70355	20124	83332	98022	00009	885//	00230	88820	/////	0//06	11208	30708	/////
D	99441	70411	20124	73423	98021	23816	68401	00228	85815	/////	0//09	12137	30607	/////
E	99350	70480	20124	80000	97806	21421	3356/	00209	83920	85360	0//21	12589	30000	19603
I	99589	70168	20124	81722	96215	09113	872//	41717	88704	/////	00213	11257	30503	24803
J	99523	70200	20124	81920	96515	13416	872//	00400	85703	88708	00216	11532	30806	28804
K	99452	70160	20124	62207	98032	27018	65700	00203	86656	/////	0//14	11659	30000	34002
M	99657	10021	20124	42924	97158	14009	39560	00226	83928	/////	05305	11061	30406	/////

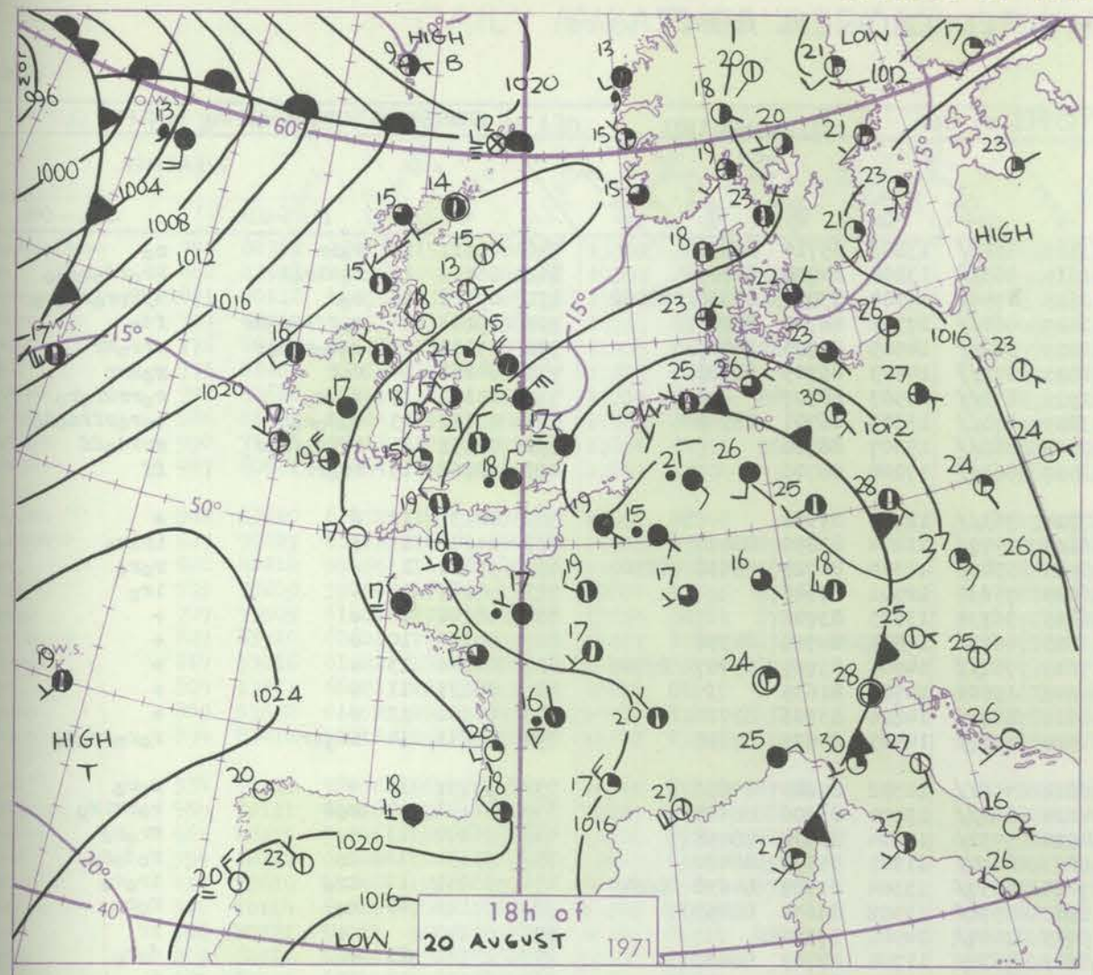
OCEAN WEATHER STATION REPORTS at 18h.

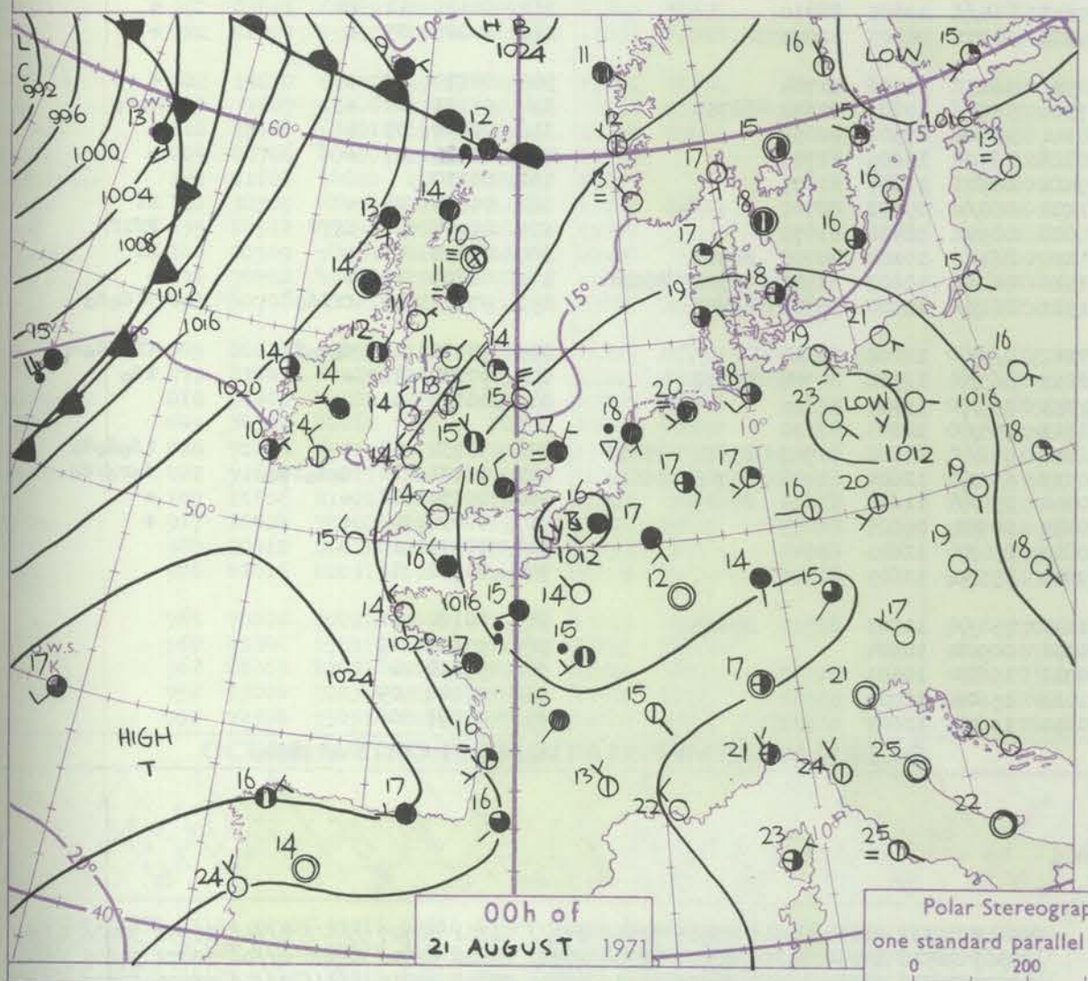
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	20184	80620	97012	05310	3852/	00618	81822	88458	0//07	10990	30404	99/04
B	99563	70513	20184	31404	98011	16407	38500	00811	82820	/////	0//02	10877	30000	31602
C	99527	70355	20184	73129	98022	04809	78500	00218	87820	/////	0//06	11209	30708	/////
D	99440	70410	20184	63514	98022	26416	61500	00113	86820	/////	0//08	12203	31007	/////
E	99349	70479	20184	61110	98158	20724	13562	00706	81920	83362	0//21	12616	30502	/////
I	99589	70175	20184	81718	95514	06313	861//	61619	88703	/////	00213	11244	30402	24903
J	99524	70199	20184	72224	96205	11416	853//	00505	85706	81620	00216	11545	30806	28805
K	99452	70160	20184	72104	98022	26019	784//	00705	81816	87656	0//15	11700	30000	04803
M	99657	10024	20184	63121	97158	19109	59560	00221	85926	/////	05304	11096	30405	/////

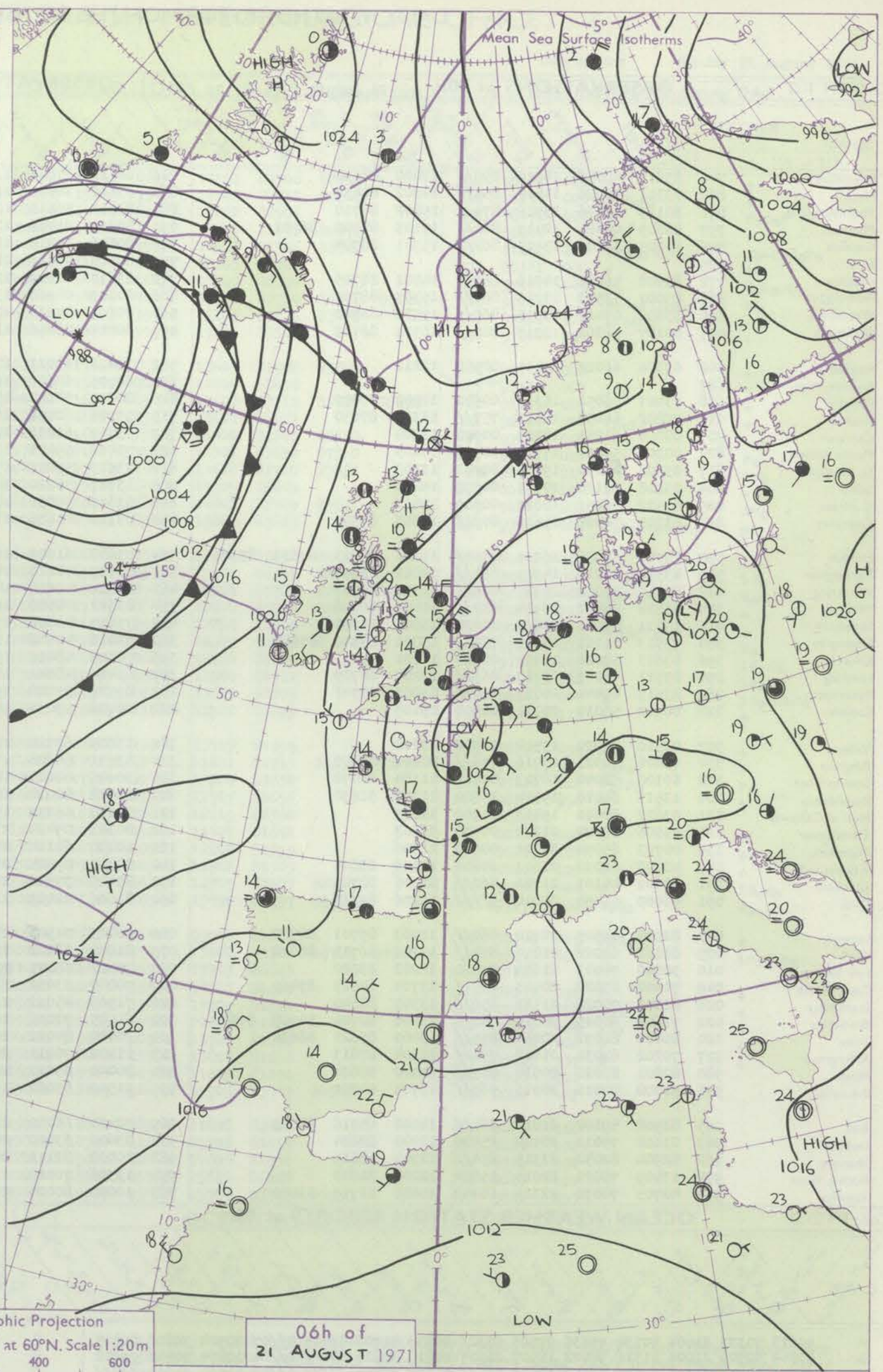
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW 1008
LOW 992
LOW 996
LOW 1000
LOW 1004
HIGH 1012
HIGH 1016
HIGH 1028
HIGH H
HIGH G
LOW A
Chihuahua
El Paso
Salt Lake City
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Barrow
Kotzebue
Mys Šmidta
Nižnie Kresty
Zyrjanka
Ojmjakon
Ust' Udoma
Lokčak
Grand Junction
Calgary
Edmonton
Billings
Midland
Monclova
Rapid City
Regina
Bismarck
Dodge City
Omaha
Winnipeg
Island Falls
Sachs Harbour
Cambridge Bay
Mould Bay
Resolute Bay
Isachsen
Eureka
Alert
Thule
Arctic Bay
Chesterfield
Baker Lake
Coral Harbour
Nottingham Island
Frobisher
Cape Dyer
Upernavik
Egedesminde
Godthab
Frederikshab
Prins Christian Sund
Angmagssalik
Reykjavik
Galtarvit
Dalatangi
Sputitea
Kap Tobin
Jan Mayen
Bjornoya
Hopen
Barentsburg
Dikson Ostrov
Mys Čeljuskin
Hatanga
Tura
Jakutsk
Verhojansk
Čokurdah
Kazač'e
Ostrov Kotel'nyj
Ostrov Kohova
Viljujsk
Olenek
Muhtuja
Verhnejambatskoe
Tazovskoe
Tarko-Sale
Aleksandrovskoe
Mare-Sale
Hanty-Mansijsk
Ivdel'
Ob"jačevo
Perm'
Penza
Kamyšin
Tuapse
Simferopol'
Rostov-na-Donu
Har'kov
Kiev
Smolensk
Moskva
Leningrad
Vyborg
Helsinki
Stockholm
Oslo
Riga
Gdańsk
Warszawa
Częstochowa
Berlin
Hamburg
København
Glasgow
Belmullet
Valentia
Holyhead
Manchester
Aberporth
London
Brussels
Cherbourg
Paris
Tours
Dijon
Bern
München
Zagreb
Beograd
Venezia
Ancona
Brindisi
Sofia
Istanbul
Skopje
Ajaccio
Barcelona
Madrid
Lisboa
Porto
Coruña
Santander
Bordeaux
Limoges
Clermont-Ferrand
Mahón
Alicante
Gibraltar
Oran
Alger
Tunis
Malta
Casablanca
Agadir
Laghouat
Béchar
Ghadames
Murzuq
Benina
Adem
Gialo
Tripoli
Tobruk
Derna
Matruh
Athinai
Iraklion
Larissa
Rodos
Kano
Lajes
Ponta Delgada
Funchal
Tenerife
Corvo
Bermuda
Gander
Stephenville
Sable Island
Cape Race
Yarmouth
Caribou
Presque Isle
Houlton
Caribou
Montreal
Ottawa
Toronto
Timmins
Chapais
Sept-Îles
Wabush
Goose
Nain
Hopedale
Nakina
Winisk
Port Harrison
Pittsburgh
Washington
Norfolk
New York
Columbus
Chicago
St. Louis
Kansas City
Minneapolis
Little Rock
Lake Charles
Jackson
Boothville
Tampa
Jacksonville
Augusta
Charleston
Montgomery
Nashville
San Antonio
Fort Worth
Murmansk
Archangel'sk
Ob"jačevo
Lulea
Myken
Trondheim
Sodankylä
Nordoyan
Ostersund
Vaasa
Vyborg
Helsinki
Oslo
Stockholm
Riga
Smolensk
Moskva
Leningrad
Gor'kij
Kargopol'
Sarapul
Kazan'
Ufa
Orenburg
Saratov
Volgograd
Astrahan'
Groznyj
Baku
Tbilisi
Erevan
Kirovabad
Ašhabad
Mary
Tedžen
Turkmenbaši
Krasnovodsk
Nebit-Dag
Kungrad
Urgench
Buhara
Termez
Kerki
Čardžou
Samarkand
Taškent
Frunze
Dušanbe
Leninabad
Kzyl-Orda
Aralsk
Guryev
Aktjubinsk
Uralsk
Orsk
Čkalov
Kujbyšev
Penza
Kamyšin
Tambov
Voronež
Rostov-na-Donu
Har'kov
Kiev
Odessa
Simferopol'
Tuapse
Sevastopol'







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 21** August 1971

The complex thundery low over the Low Countries moved southwest into the eastern English Channel and continued to dominate the weather over southeast England. The ridge of high pressure extending from the Azores across northern districts of Britain to the Norwegian Sea has shown little change of position or intensity. The vigorous low in mid-Atlantic continued its slow northeastward movement towards southwest Iceland. During the next 24 hours little change is expected in the pressure distribution with pressure remaining relatively high over central districts of Britain. A shallow low pressure area will persist to the southeast of England and pressure will remain low over Iceland.

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

Code FM 11.D **OBSERVATIONS at 00h.** 21 August 1971

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	83612	48056	14516	856//	13000	88630		
Hurn	862	83311	50026	14417	856//	14802	88630		
Thorney Island	871	80113	45026	13716	874//	15802	88710		
Manston	797	83609	08425	12417	860//	17103	84700	88701	
Gatwick	776	80205	30206	13515	862//	15301	88704		
Kew	775								
Heathrow	772	83508	56036	14016	862//	14801	88705		
Honington	586	83607	13502	13715	860//	15303	88701		
Wattisham	590	83608	07462	13215	860//	15502	88700		
Gorleston	497	80107	32102	12717	862//	16301	88703		
Aberporth	502	03308	66010	19414	00900	12211			
Ross-on-Wye	627								
Filton	628	73407	56051	16317	00902	12000	87070		
Rhoose	715	72802	58053	16817	757//	13303	87650		
Chivenor	707	00000	61051	18015	00900	13204			
Mount Batten	827	00307	59051	17715	00900	13203			
St. Mawgan	817	03508	58050	19215	00900	13203			
Scilly	804	03208	32100	20315	00900	15802			
Culdrose	809	03412	56051	18814	00900	12802			
Guernsey	894	83208	30026	15616	8093/	14806	87360		
Elmdon	534	73507	58056	16115	5557/	11001	83623	83632	85360
Cardington	559	83510	32216	14915	863//	14001	88707		
Wittering	462	80116	59036	15015	863//	13301	88707		
Watnall	354	63510	56052	16414	657//	11802	86656		
Shawbury	414	13511	59041	17615	10930	13801	81360		
Finningley	360	73513	61012	17015	755//	13801	83620	87648	
Kilnsea	396	03623	58020	15615	00900	14701			
Leeming	257	83511	48041	19413	863//	12204	88709		
Tynemouth	262	83517	09444	20013	860//	13203	88701		
Carlisle	222	00402	58010	20311	00900	09109			
Valley	302	03510	80020	19514	00900	13202			
Ringway	334	73406	70021	17916	756//	08001	87630		
Squires Gate	318	10106	58040	18713	00902	11104	81072		
Ronaldsway	204	13511	84010	19314	15600	11002	81630		
Mull of Galloway	131	03627	80010	19413	00900	11203			
Eskdalemuir	162	03506	62020	21209	00900	06103			
Prestwick	135	00703	65050	20711	00900	11206			
Abbotsinch	140	40707	62030	21013	35601	10109	83645		
Leuchars	171	80402	44101	21711	862//	11206	88703		
Dyce	091	90000	06454	22010	9////	10206	89///		
Lerwick	005	82905	19505	20912	860//	12003	85701	88702	
Wick	075	81802	62022	21814	854//	12102	86711	88618	
Sule Skerry	010	30000	74011	21613	35500	12202	83620		
Cape Wrath	049	71402	83022	20913	4551/	13704	84625	87460	
Stornoway	026	81806	70022	21113	856//	13302	88640		
Benbecula	022	71606	60015	20814	762//	13400	82704	84708	87624
Tiree	100	80000	82032	20814	855//	13400	85621	88630	
Aldergrove	917	70202	62031	21412	754//	11104	87613		
Malin	980	82801	83022	20914	855//	11000	88624		
Belmullet	976	51708	82011	20916	565//	13703	84721		
Birr	965	82908	59102	21814	864//	11000	85716	88633	
Dublin	969	23108	75011	20914	25500	12002	82624		
Shannon	962	82904	82032	22315	854//	12302	88619		
Roches Point	952	13509	75021	22014	15602	12205	81640		
Valentia	953	40703	70030	22310	16402	10000	81717	83070	

OBSERVATIONS at 06h. 21 August 1971

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	80112	37606	13513	854//	13806	85710	88630	
Hurn	862	83410	30059	13615	863//	13804	84706	88710	
Thorney Island	871	83510	56618	12615	3747/	14704	83710	83358	88462
Manston	797	80210	09446	11417	860//	17302	86700	88701	
Gatwick	776	80106	45216	12215	862//	14505	84705	88707	
Kew	775	80108	40616	12915	872//	14503	86705	88708	
Heathrow	772	83610	40616	12915	873//	14503	88707		
Honington	586	80109	04466	13215	870//	15303	86701	88702	
Wattisham	590	80209	07536	12915	860//	15307	88700		
Gorleston	497	80211	08466	12517	863//	17208	88706		
Aberporth	502	73412	62021	17714	763//	12714	87706		
Ross-on-Wye	627	80105	60606	16115	3577/	11204	83650	88458	
Filton	628	80211	50602	15915	5547/	12304	81715	85656	88360
Rhoose	715	73205	62053	16015	75638	12501	87645		
Chivenor	707	53407	61031	16815	36331	13603	83708		
Mount Batten	827	73402	59051	16515	4623/	14504	84705	84358	
St. Mawgan	817	73513	59051	17615	762//	14506	83705	85707	87709
Scilly	804	13307	58020	19315	15601	14706	81635		
Culdrose	809	83615	50051	18015	863//	14806	83706	88710	
Guernsey	894	83310	40636	14515	4557/	14505	84625	87358	
Elmdon	534	73608	61602	16014	756//	10302	85640	87656	
Cardington	559	83513	40216	14114	863//	13501	83706	88708	
Wittering	462	83614	40616	14514	5732/	13304	85707	88458	
Watnall	354	83612	40586	16013	8097/	11301	85358	88460	
Shawbury	414	73610	48606	17415	6537/	13304	81707	84630	86645
Finningley	360	83412	44606	16913	3577/	13302	83650	88459	
Kilnsea	396	70124	48016	15015	7097/	14502	87360		
Leeming	257	83414	48042	18812	7632/	11704	87707	88460	
Tynemouth	262	83523	37104	19213	864//	12805	88710		
Carlisle	222	20706	59030	19909	00901	08803	82073		
Valley	302	13604	62110	18512	16201	11706	81704		
Ringway	334	83611	50606	17514	5577/	10801	85650	88359	
Squires Gate	318	30605	62020	18311	25781	09501	82656		
Ronaldsway	204	13508	82010	18813	16301	10605	81707		
Mull of Galloway	131	13610	66030	19412	00901	11807	81075		
Eskdalemuir	162	80303	07424	21108	860//	07002	88701		
Prestwick	135	10000	60114	20608	00901	08400	81075		
Abbotsinch	140	80805	09424	21110	861//	10102	84702	88706	
Leuchars	171	80405	37102	21510	860//	10602	81701	85702	88704
Dyce	091	83606	22405	21911	861//	10400	85702	88703	
Lerwick	005	90403	01505	22212	9////	12208	89/00		
Wick	075	81802	28102	22113	863//	12500	84707	88710	
Sule Skerry	010	80000	66021	20913	855//	13707	88620		
Cape Wrath	049	70000	83031	21613	755//	12203	87620		
Stornoway	026	71503	45022	21213	752//	13101	82703	85628	87635
Benbecula	022	61505	72016	20313	652//	12604	81704	83706	86612
Tiree	100	70000	84022	20614	754//	11602	83618	87629	
Aldergrove	917	11102	70111	20409	00901	09605	81075		
Malin	980	80000	83022	20614	856//	12603	88640		
Belmullet	976	21509	83021	19815	25530	13605	81720		
Birr	965	72401	66012	21113	754//	11503	82717	87634	
Dublin	969	03006	63020	20211	00900	10604			
Shannon	962	10000	82111	20911	15600	10503	81630		
Roches Point	952	13308	70020	21013	15600	12701	81640		
Valentia	953	10000	80020	20811	15600	10607	81632		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	02131	12	roir	ro
Hurn	862	06141	13	rotlroR	RrordorodoR
Thorney Island	871	09141	14	roR	RpRprorroro
Manston	797	09161	16	doffFFroRr	fdo
Gatwick	776	09151	14	dodorodor	rrroRr
Kew	775	04151	14	ror	roRrr
Heathrow	772	05151	15	do-ro	rorrRroro
Honington	586	03151	13	dodoror	rororffdodo
Wattisham	590	03151	15	ifiroffrr	rridoff
Gorleston	497	02162	15	irorr	ff
Aberporth	502	00131	12	+	+
Ross-on-Wye	627	01141	13	+	iriro
Filton	628	96141	13	+	roro
Rhoose	715	97141	11	+	iro
Chivenor	707	00140	10	+	+
Mount Batten	827	00150	10	+	+
St. Mawgan	817	00140	13	+	+
Scilly	804	00131	11	+	+
Culdrose	809	00140	12	+	+
Guernsey	894	08141	14	iroir	rororroro
Elmdon	534	93131	12	+	roro
Cardington	559	02141	14	roR	roRriro
Wittering	462	96140	13	+	rroro
Watnall	354	95131	12	ro	rodoro
Shawbury	414	93141	12	iro	iroro
Finningley	360	91131	13	ro	roro
Kilnsea	396	97140		+	ir
Leeming	257	97121	11	+	doro
Tynemouth	262	00121	12	FF	+
Carlisle	222	00080	05	+	+
Valley	302	00110	07	+	+
Ringway	334	93131	12	+	roro
Squires Gate	318	00090	05	+	+
Ronaldsway	204	00120	07	+	+
Mull of Galloway	131	00110			
Eskdalemuir	162	00060	04	+	ff
Prestwick	135	00070	05	iffF	Ffif
Abbotsinch	140	00090	05	+	if
Leuchars	171	00100	10	+	+
Dyce	091	97101	10	ffido	if dodo
Lerwick	005	93111	11	dodoff	ffFFdodo
Wick	075	97130	11	+	ido
Sule Skerry	010	00120	11		
Cape Wrath	049				
Stornoway	026	97130	13	+	idododo
Benbecula	022	01121	11	dodoido	doroido
Tiree	100	00130	12	+	+
Aldergrove	917	00090	04	+	+
Malin	980	00141	12		
Belmullet	976	00141	12		
Birr	965	00120	11		
Dublin	969	97111	09		
Shannon	962	97110	06		
Roches Point	952	97120	09		
Valentia	953	97091	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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	21004	80130	95636	97508	6532/	00838	81708	86615	0//07	10924	30606	03805
B	99564	70509	21004	81316	98022	14507	21507	00810	82820	882//	0//04	10874	30402	99/02
C	99527	70355	21004	83125	96518	10809	884//	00222	86815	/////	0//07	11200	30707	/////
D	99438	70408	21004	83307	98022	29415	41507	00219	84820	882//	0//06	12184	30301	34007
E	99350	70480	21004	51205	98012	21624	24572	00309	82625	/////	0//21	12619	30501	/////
I	99590	70185	21004	81619	96204	05213	852//	61002	84705	88618	00112	11304	30503	24903
J	99525	70200	21004	82127	96605	10814	862//	00806	88703	/////	05105	11558	30804	28805
K	99453	70161	21004	62009	98031	26417	65700	00802	86656	/////	0//16	11670	30000	04803
M	99657	10023	21004	63017	97152	23508	49560	00218	84926	/////	05502	11106	30405	/////

Code FM 21.D **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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70333	21064	80512	96506	91409	873//	11301	88707	/////	0//09	10958	30404	03909
B	99565	70510	21064	81230	97612	08308	2752/	00740	82820	88550	0//06	10872	30605	/////
C	99527	70355	21064	43032	98025	14210	48400	00218	83815	/////	0//06	11200	30707	/////
D	99438	70408	21064	20503	98021	29216	25500	00502	82620	/////	0//07	12178	30000	34007
E	99350	70480	21064	11610	98010	20525	14500	00609	81625	/////	0//23	12641	30501	/////
I	99590	70190	21064	81720	97805	02413	894//	41616	83910	86615	00212	11267	30503	/////
J	99523	70200	21064	52616	98022	13214	48531	00319	84820	83070	05210	11533	30804	28805
K	99452	70161	21064	72108	97032	24617	75614	00604	87633	/////	0//16	11679	30000	04803
M	99659	10020	21064	63015	97022	26408	55541	00216	85629	/////	05502	11094	30404	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40085

Date of Issue Sunday 22 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 21 August 1971

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	80312	48056	15114	863//	13302	88706		
Hurn	862	83513	40056	14915	853//	14303	84707	88610	
Thorney Island	871	80112	48056	13816	6632/	15207	86706	88458	
Manston	797	41010	50055	13620	38401	16211	81817		
Gatwick	776	80108	15516	13616	871//	15207	86702	88703	
Kew	775	83609	32056	14216	863//	15307	88707		
Heathrow	772	83610	48016	14416	872//	15207	85704	88706	
Honington	586	83607	09584	14517	861//	16209	88701		
Wattisham	590	71106	37016	13920	724//	17206	84710	86815	
Gorleston	497	60602	08464	14418	66200	17210	86704		
Aberporth	502	83010	62032	18514	863//	13000	88708		
Ross-on-Wye	627	70107	62016	16117	30938	11806	83359	87275	
Filton	628	80212	57056	16616	855//	11500	84628	88650	
Rhoose	715	73209	59056	16716	1577/	12801	81656	87359	
Chivenor	707	73505	61601	17517	2547/	15204	81714	87359	
Mount Batten	827	83510	62601	17118	3547/	14207	81712	83645	88358
St. Mawgan	817	73416	61022	18217	763//	14000	83707	87709	
Scilly	804	13311	66021	20118	11400	16400	81815		
Culdrose	809	53522	61052	18117	48410	14000	83812	83815	
Guernsey	894	83412	50216	15115	863//	14303	83708	87711	
Elmdon	534	70313	58056	16417	784//	12501	85818	87650	
Cardington	559	80111	56016	15615	854//	15205	87710	88620	
Wittering	462	80315	59506	15816	853//	13306	85707	88611	
Watnall	354	60312	62016	16419	685//	13802	83820	85630	
Shawbury	414	73610	48046	17716	5567/	10704	85640	87360	
Finningley	360	10114	69026	17020	11500	13706	81825		
Kilnsea	396	80321	57021	16415	6642/	14303	86710	88460	
Leeming	257	60316	58046	19017	6643/	12806	86714		
Tynemouth	262	83621	66022	20214	855//	13803	88620		
Carlisle	222	41007	59050	19918	11530	13806	81828	83362	
Valley	302	13610	61040	19119	15700	13101	81650		
Ringway	334	73609	56046	17817	5578/	11506	85650	84359	
Squires Gate	318	73408	68601	18717	757//	10804	87656		
Ronaldsway	204	00706	10010	19519	00900	09001			
Mull of Galloway	131	01106	74020	20417	00900	10103			
Eskdalemuir	162	30309	61054	20915	11630	11803	81833		
Prestwick	135	00512	75050	20219	00900	11604			
Abbotsinch	140	00509	58054	21617	00900	10000			
Leuchars	171	70408	48052	22613	763//	11003	87707		
Dyce	091	80706	65025	22714	863//	13205	86706	88707	
Lerwick	005	80613	59055	23312	853//	11205	85707	88616	
Wick	075	81403	80025	22915	853//	12204	83709	88614	
Sule Skerry	010	81405	74022	22615	854//	13203	88615		
Cape Wrath	049	30502	81011	21714	22530	13400	82820		
Stornoway	026	71406	65015	21815	754//	13203	82712	87618	
Benbecula	022	71607	87015	20816	754//	12101	82618	87624	
Tiree	100	11606	81021	20917	15401	12303	81618		
Aldergrove	917	10504	75020	19920	11501	12806	81825		
Malin	980	20912	86011	20815	28400	11101	81818		
Belmullet	976	42016	82031	19819	48402	14400	81718		
Birr	965	70000	80022	20917	756//	11801	87635		
Dublin	969	43304	65011	20019	41500	13601	84820		
Shannon	962	21403	82021	20519	28500	12704	81821		
Roches Point	952	53004	70031	20619	564//	13702	85715		
Valentia	953	72304	75031	20719	785//	14602	83823	86640	

OBSERVATIONS at 18h. 21 August 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
746	80310	48052	15016	863//	14101	84708	88711	
862	70111	45052	15017	7543/	14101	84710	87618	
871	83610	40056	14417	863//	15202	88706		
797	40310	32491	13818	11482	18301	81810	84072	
776	73607	32216	13818	753//	16400	81706	86620	
775	83606	56052	14517	863//	15303	88706		
772	83510	40022	14617	862//	15203	88704		
586	70108	40215	14519	784//	17301	83710	86816	87620
590	50000	65018	14019	35501	15101	83625	83075	
497	50306	48054	14717	50950	17204	85360		
502	43106	62011	17414	25331	13605	81708	83359	
627	80000	57042	15817	8097/	12805	88458		
628	83102	48052	16316	854//	13602	83712	86620	88630
715	80000	62022	16517	855//	13601	88622		
707	72805	62026	16817	2563/	14400	81645	86362	
827	73608	57056	16517	3567/	14301	83640	87360	
817	73414	62022	17715	1647/	13602	81710	87460	
804	63309	74021	19117	65500	14705	86620		
809	73612	61051	18016	6833/	14802	83709	83620	
894	83511	40052	15115	854//	13802	87613		
534	80308	61022	16616	854//	13304	82616	88622	
559	80108	48505	15715	853//	15302	86707	88620	
462	80213	37505	15715	871//	14601	83702	87704	88706
354	80411	61022	17115	854//	12202	83716	88645	
414	73610	58041	16917	2563/	12802	82640	86360	
360	80110	72021	17616	855//	12002	82625	88630	
396	80219	12535	16414	862//	14102	88705		
257	80211	69022	19015	864//	13000	88711		
262	83518	32602	19313	872//	13609	88705		
222	20811	81031	19017	11580	12502	81825		
302	10210	61041	17818	10980	13707	81359		
334	70209	60021	17517	55432	11201	81715	85656	85070
318	32704	62016	17618	35700	15504	83650		
204	12606	66011	18217	15730	11707	81656		
131	20000	70030	18119	20930	12819	82360		
162	20309	83030	19515	15641	11604	81640		
135	10608	65010	18719	10980	12605	81359		
140	10710	65050	19818	10940	12706	81365		
171	80806	70022	21014	863//	12707	84707	88710	
091	80804	70025	21214	863//	13708	85707	88708	
005	10510	80021	23211	11400	09706	81815		
075	70905	40102	22013	752//	13602	85703	86705	87620
010	60909	81031	21614	655//	13707	86625		
049	10903	82010	20313	15500	13705	81625		
026	10706	75020	20615	11400	13709	81814		
022	12405	85021	20016	15500	12607	81625		
100	10203	80020	19616	00901	13707	81075		
917	10706	75010	18621	15700	13605	81656		
980	10912	86020	19514	00901	11607	81070		
976	52308	83011	18617	584/2	15708	83717	84640	
965	33003	83031	18820	38500	11608	82826		
969	10705	75010	18517	11640	09706	81835		
962	22303	82011	19020	28608	14606	81830		
952	62401	80031	18619	655//	15610	86628		
953	72005	70022	19517	754//	15704	83718	87630	

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00161	000	+	+
862	91171	000	$r_0d_0r_0$	+
871	96171	000	+	r_0d_0r
797	00211		+	+
776	01181	000	$rr_0d_0d_0R$	d_0-$r_0d_0r_0$
775	00181	000	+	+
772	97181	000	r_0	d_0r_0-r_0
586	97201		$d_0d_0ffd_0r_0$	r_0
590	97211	010	ir_0pr_0	+
497	97200	059	ff	+
502	00151	006	+	+
627	97181	007	ir_0	+
628	91171	000	r_0	+
715	92181	002	$ir_0r_0r_0$	+
707	97180	007	ir_0	+
827	94191	018	r_0	r_0
817	98171	018	+	ir_0
804	00201	105	+	+
809	91181	071	+	ir_0
894	97161	001	$r_0r_0ir_0d_0r_0$	+
534	00180	005	+	+
559	91161	000	ir_0id_0	id_0
462	92161	000	$r_0dd_0d_0$	d_0d_0
354	00190	012	+	+
414	94190	016	$r_0r_0rr_0$	+
360	97200	036	+	d_0
396	97141	006	+	id_0dd
257	97171	013	+	ir_0
262	92141	000	+	id_0ddid_0
222	00210	120	+	+
302	00190	099	+	+
334	97201	045	r_0r_0	+
318	97210	022	r_0ir_0	r_0
204	00200	106	+	+
131	00190			
162	00180	090	+	+
135	00220	127	+	+
140	00200	105	+	+
171	97160	002	+	id_0d_0
091	97171	000	d_0d_0	d_0
005	97140	059	ffd_0d_0	+
075	97151	000	+	$ir_0d_0r_0$
010	00160			
049	00150	091	+	+
026	97170	058	d_0d_0	+
022	97180	046	id_0	+
100	00190	108	+	+
917	00220	137	+	+
980	0016	101		
976	0020	083		
965	0021	066		
969	0021	122		
962	9722	091		
952	0020	101		
953	9721	059		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

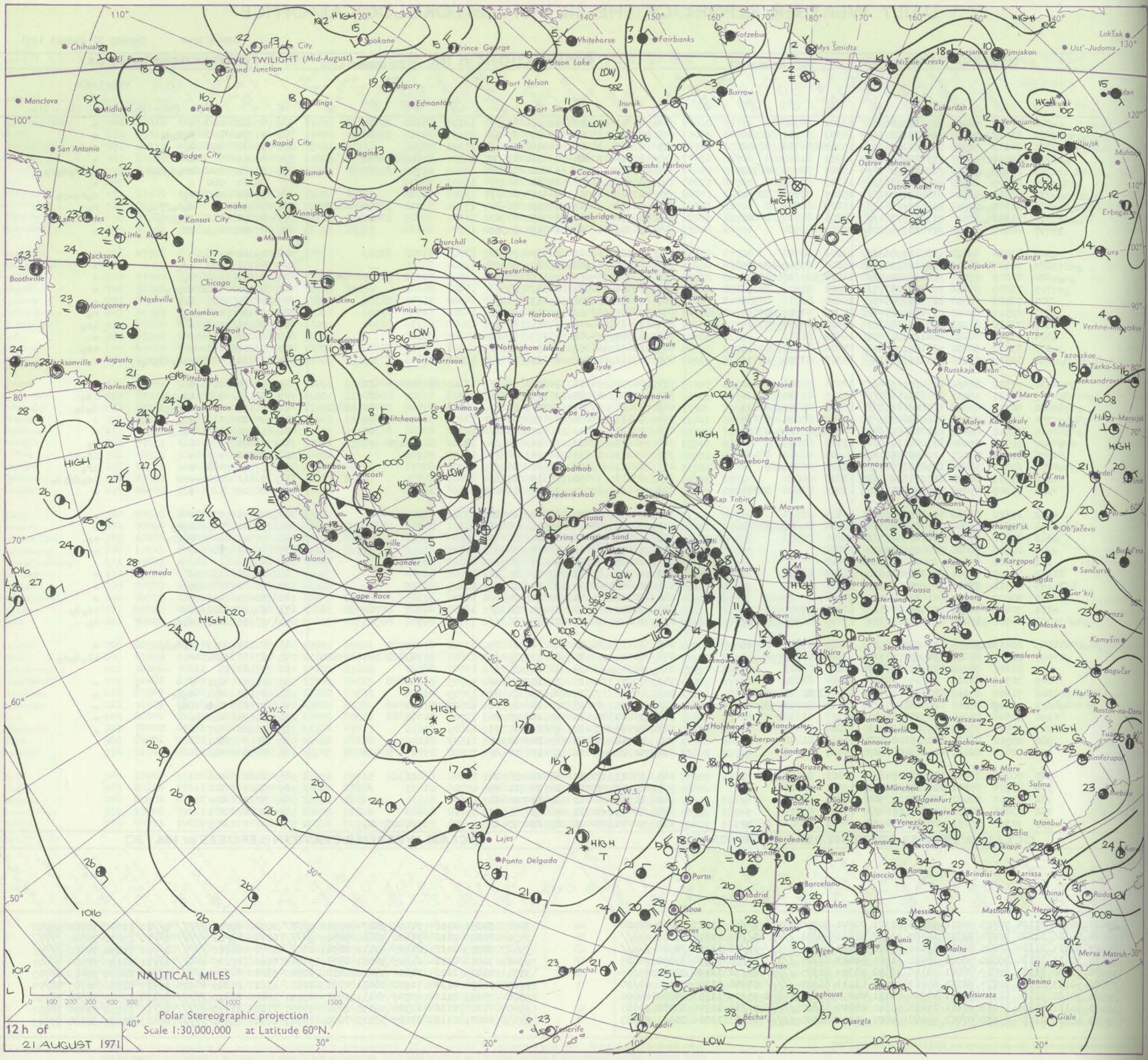
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	21124	72705	95216	92010	67321	00101	84706	85712	0//10	11027	30200	02008
B	99564	70506	21124	91038	92616	01509	9////	00636	89/01	/////	0//09	10870	30809	/////
C	99527	70355	21124	43025	98018	19010	42400	00222	84820	/////	0//06	11121	30506	/////
D	99439	70410	21124	30000	98020	30018	11505	00003	81825	/////	0//08	12178	30000	36007
E	99350	70480	21124	21819	98011	22126	19502	00209	81925	/////	0//22	12590	30403	99/05
I	99586	70193	21124	22027	98018	04713	12541	41219	81820	/////	00208	11286	30606	00/00
J	99524	70198	21124	62522	98031	17714	48431	00222	81818	84640	05209	11553	30804	28806
K	99450	70161	21124	12210	98011	25418	18540	00000	81820	/////	0//16	11746	30000	30803
M	99659	10020	21124	63308	97022	29408	65500	00214	86630	/////	05403	11086	30101	99503

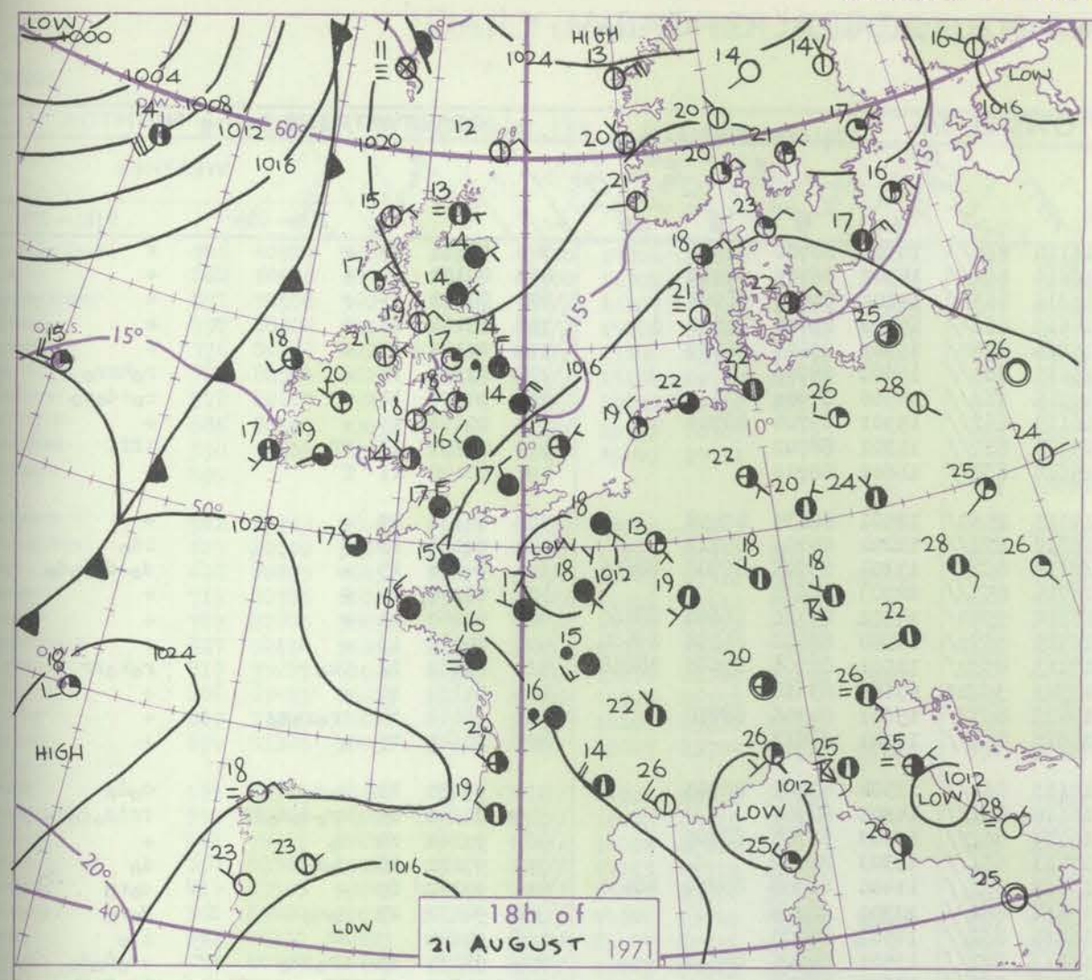
OCEAN WEATHER STATION REPORTS at 18h.

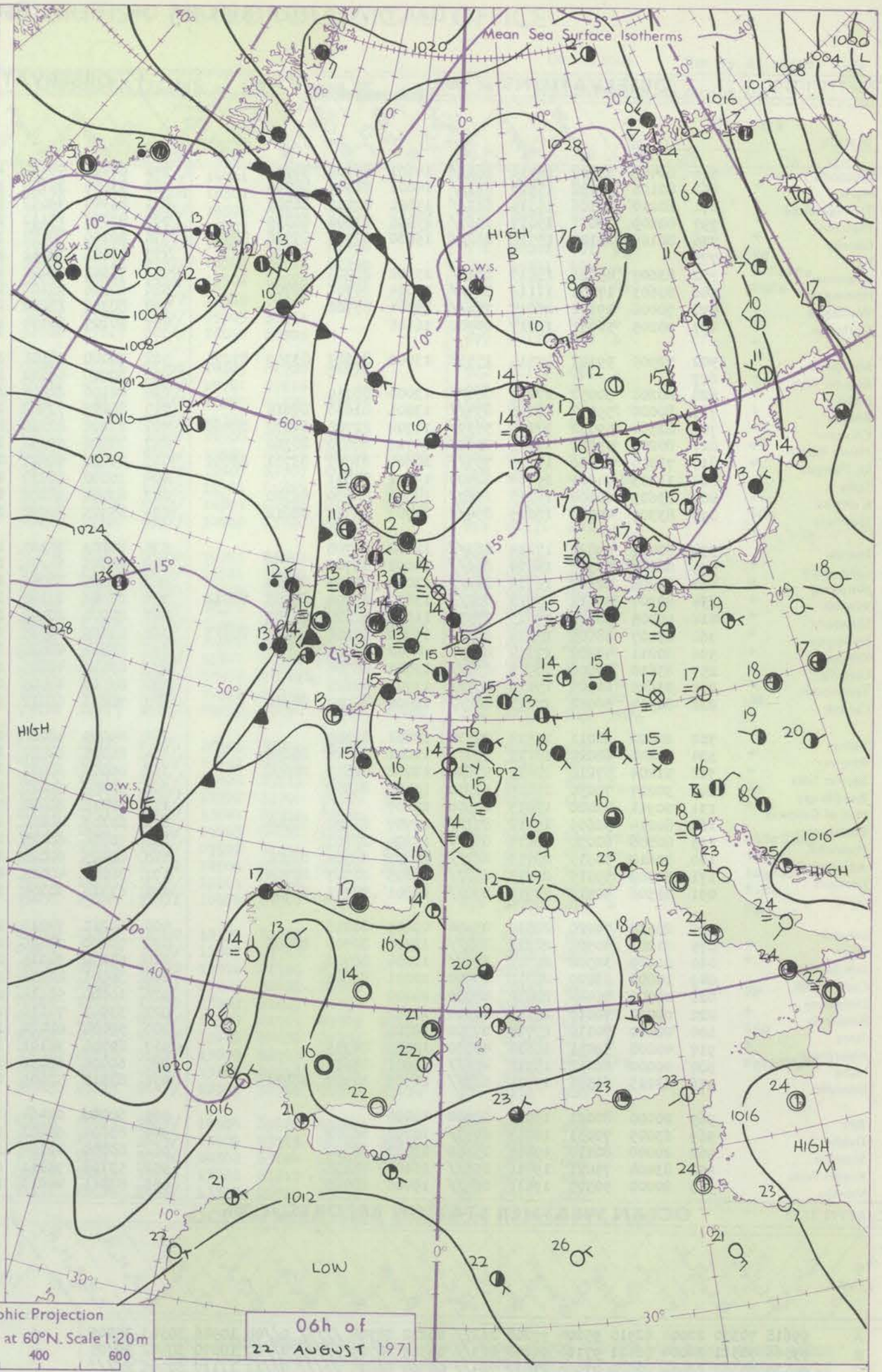
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	21184	92805	92474	92910	9////	00306	89/03	/////	0//10	11045	30100	05008
B	99564	70509	21184	91820	93616	94509	9////	00735	89/02	/////	0//10	10878	30808	/////
C	99527	70355	21184	82215	97612	20311	874//	00707	88716	/////	0//08	11090	30505	/////
D	99439	70412	21184	61615	98031	29019	51506	00806	85825	860//	0//11	12194	30404	36605
E	99351	70479	21184	21816	98020	22526	22500	00802	82825	/////	0//23	12610	30403	16705
I	99590	70190	21184	71930	98031	07913	12546	41111	81820	84070	00307	11236	30705	00/00
J	99524	70195	21184	22719	98151	19715	23501	00208	81920	/////	05110	11550	30804	21506
K	99450	70154	21184	22310	98030	24318	15743	21603	81650	/////	0//16	11750	30000	30803
M	99658	10021	21184	63407	98022	30808	55581	00108	85630	/////	05403	11097	30000	99503

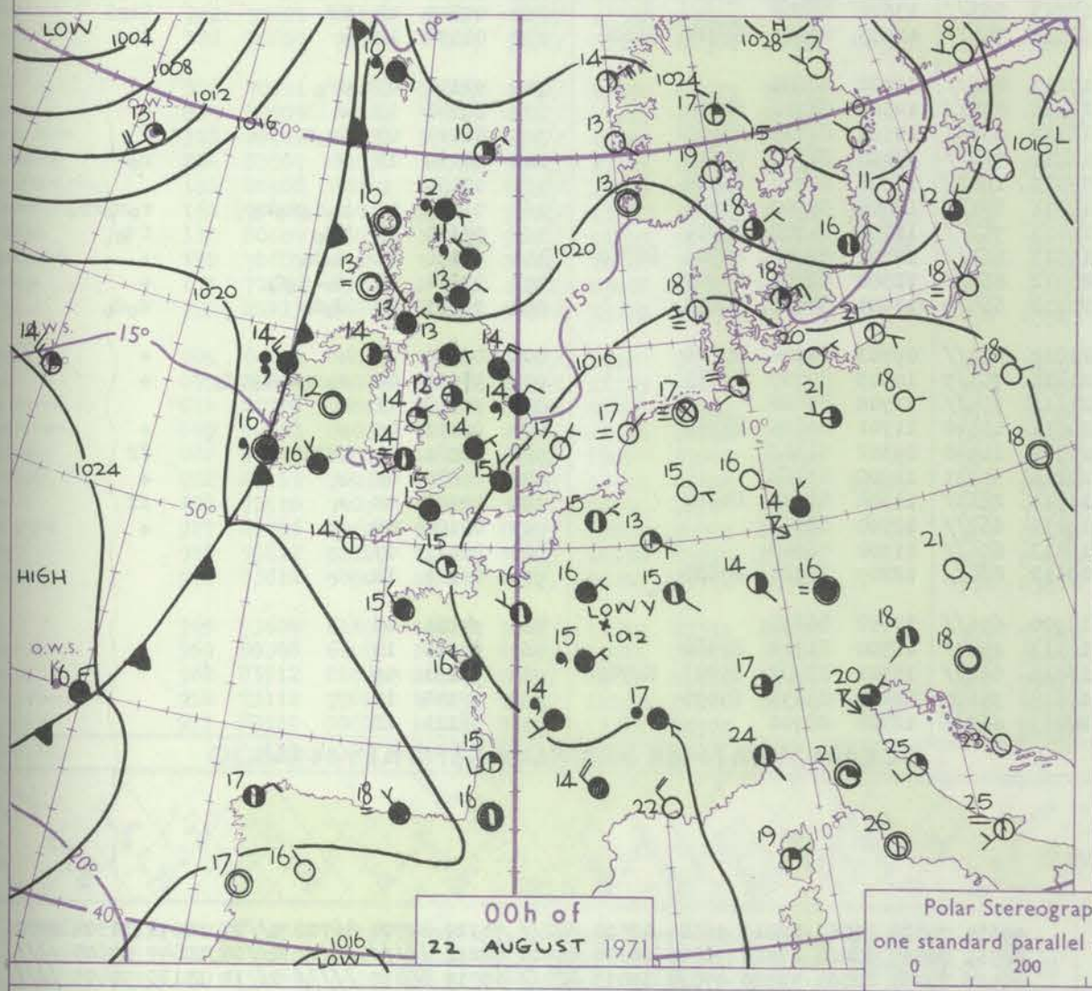
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 22 August 1971

A large slack low pressure area has persisted over western Europe during the last 24 hours. A ridge of high pressure from Finisterre across Scotland to the west of Norway has remained almost stationary, with a sustained rise in pressure occurring over the Norwegian Sea. A vigorous depression southwest of Iceland has drifted slowly north and filled a little, whilst an associated weak cold front approached western districts of the British Isles. Little change is expected in the low complex over western Europe during the next 24 hours. The Atlantic cold front is expected to drift slowly eastwards over Scotland and western England, followed by a rise of pressure as a ridge extends northeastwards from the anticyclone over the Azores.

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

Code FM 11.D

OBSERVATIONS at 00h. 22 August 1971

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	80406	32102	16114	861//	14101	86702	88703	
Hurn	862	80106	50052	15916	863//	14001	84707	88709	
Thorney Island	871	60210	40106	15315	663//	15801	82706	86708	
Manston	797	80409	23051	15017	1567/	15400	81640	88359	
Gatwick	776	80105	28102	15516	862//	15000	82704	85706	88710
Kew	775								
Heathrow	772	83607	45026	15815	862//	15802	88703		
Honington	586	80603	17102	11116	862//	15004	84704	88708	
Wattisham	590	70406	19102	16015	761//	15004	87702		
Gorleston	497	00205	56051	16317	00900	16106			
Aberporth	502	72505	59101	17514	15538	13702	81625	83359	87275
Ross-on-Wye	627								
Filton	628	80208	50052	17115	864//	13000	88710		
Rhoose	715	80000	59052	17016	854//	13001	81610	88614	
Chivenor	707	82904	59032	17115	5537/	14704	82709	84638	88462
Mount Batten	827	80207	59022	17315	2567/	14702	82630	88360	
St. Mawgan	817	73306	62036	18115	753//	14801	81707	83711	86650
Scilly	804	13203	74021	19414	12400	14801	81811		
Culdrose	809	83603	60106	18215	2567/	14803	82630	86360	
Guernsey	894	83307	40052	16015	854//	14703	83710	88612	
Elmdon	534	80407	59022	17214	863//	12802	88708		
Cardington	559	80104	13586	16814	861//	14001	88701		
Wittering	462	80208	32105	16714	862//	13000	85703	88704	
Watnall	354	80307	56512	17613	862//	13802	83704	86708	88712
Shawbury	414	50405	58042	17813	25530	11101	82624	85361	
Finningley	360	83407	48505	18014	863//	13000	82708	85710	88713
Kilnsea	396	80211	48505	17314	862//	14202	88705		
Leeming	257	83610	40506	18714	873//	13704	88708		
Tynemouth	262	83615	61505	19113	855//	13705	88625		
Carlisle	222	80904	66031	19613	864//	12400	85710	88714	
Valley	302	20402	62011	17914	20930	12801	82359		
Ringway	334	80208	68022	18115	854//	11001	87616	88656	
Squires Gate	318	51204	57216	18612	55600	12002	82640	84656	
Ronaldsway	204	30207	70030	18215	30930	12400	83362		
Mull of Galloway	131	00911	82020	18813	00900	12107			
Eskdalemuir	162	80214	32605	19912	871//	11707	83702	88706	
Prestwick	135	80806	62030	20113	863//	12204	88707		
Abbotsinch	140	80610	50515	20713	862//	12801	83704	88706	
Leuchars	171	80509	59515	20913	862//	12805	81703	88704	
Dyce	091	83506	30515	21711	870//	11801	82701	88702	
Lerwick	005	20610	74020	22810	28400	09805	81818		
Wick	075	81003	40506	22212	872//	12500	86703	88706	
Sule Skerry	010	81409	32502	22212	873//	11204	88708		
Cape Wrath	049	10000	83020	20812	15500	12201	81625		
Stornoway	026	00000	05444	20810	00900	10400			
Benbecula	022	00000	70010	20211	00900	11101			
Tiree	100	00000	70110	19713	00900	12000			
Aldergrove	917	40808	59051	18614	40930	12505	84359		
Malin	980	40000	86012	19512	456//	11801	84632		
Belmullet	976	83215	61586	19314	863//	14303	84707	88711	
Birr	965	00000	80021	19512	00900	10000			
Dublin	969	63005	70031	18813	6093/	10703	86362		
Shannon	962	20000	80110	19415	25600	13802	82640		
Roches Point	952	83404	75021	19416	856//	15104	88638		
Valentia	953	80000	50505	19616	864//	15400	88710		

OBSERVATIONS at 06h. 22 August 1971

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	80206	09462	16114	860//	14304	88700		
Hurn	862	83506	35102	16015	862//	14302	86705	88710	
Thorney Island	871	83407	39052	15615	863//	14104	84707	88708	
Manston	797	83607	15112	14617	860//	17302	83701	88702	
Gatwick	776	80105	18052	15216	3567/	15303	83645	88359	
Kew	775	83601	32052	15615	863//	14500	88706		
Heathrow	772	73302	25022	15715	763//	14500	87707		
Honington	586	80306	25102	16115	862//	15301	85704	88706	
Wattisham	590	80310	13284	15715	861//	15301	88702		
Gorleston	497	80107	26104	15616	864//	16601	88710		
Aberporth	502	70000	56101	17113	2567/	12501	82635	87458	
Ross-on-Wye	627	80000	48502	16814	873//	12202	84709	88712	
Filton	628	80106	22206	17114	852//	13304	83705	85708	88615
Rhoose	715	80402	57042	16714	855//	12303	88620		
Chivenor	707	81002	28102	16614	7547/	14302	83710	86640	88460
Mount Batten	827	73506	59052	16715	6577/	14500	86650	85358	87460
St. Mawgan	817	80207	48622	17113	4537/	11501	81708	83640	88458
Scilly	804	30000	66030	17913	35402	13606	83618		
Culdrose	809	83504	58102	17415	863//	15601	84706	88710	
Guernsey	894	83305	24052	15915	854//	14301	88613		
Elmdon	534	80203	35105	17113	861//	13304	83702	88703	
Cardington	559	83505	14206	16614	861//	14203	88701		
Wittering	462	83607	40042	16414	862//	13103	86705	88709	
Watnall	354	83602	37105	17513	861//	13303	88702		
Shawbury	414	80000	20042	17413	853//	11400	81708	83714	88630
Finningley	360	83605	40505	17414	862//	13301	88703		
Kilnsea	396	83504	48025	16814	862//	14502	88705		
Leeming	257	83610	40205	18113	872//	13501	84705	88714	
Tynemouth	262	83519	48505	18213	863//	13604	88708		
Carlisle	222	70103	66012	18513	754//	12503	81710	86714	86628
Valley	302	80000	48028	17213	856//	12702	88645		
Ringway	334	80305	58022	17514	854//	12505	81712	88614	
Squires Gate	318	80000	62021	18114	854//	12501	81715	88645	
Ronaldsway	204	70203	59026	18215	754//	13400	81713	87617	
Mull of Galloway	131	50810	80022	18013	1643/	11500	81718	85360	
Eskdalemuir	162	80109	40606	18811	871//	10607	85702	88706	
Prestwick	135	70806	66025	19413	753//	11702	84708	86710	
Abbotsinch	140	80403	60025	19813	863//	12702	82706	85708	88710
Leuchars	171	80000	40025	20012	860//	11500	82701	88702	
Dyce	091	63310	30205	20710	660/9	10501	84701	84650	
Lerwick	005	60311	74011	21810	682//	09703	82704	85628	
Wick	075	70000	70035	21410	753/9	10503	82709	87614	
Sule Skerry	010	71109	74015	21611	755//	11702	87620		
Cape Wrath	049	30901	82030	20611	15540	11701	81625	83360	
Stornoway	026	10000	50114	20709	10930	09302	81362		
Benbecula	022	33503	74110	20111	30931	11500	83362		
Tiree	100	50000	08424	19711	25632	11304	82635	84360	
Aldergrove	917	80706	30101	19213	862//	12500	88705		
Malin	980	60000	86032	19513	656//	11302	86640		
Belmullet	976	83515	58605	20612	864//	12209	86714	87630	
Birr	965	60000	04464	18910	656//	10602	86635		
Dublin	969	83604	65401	18313	2547/	12500	81712	87460	
Shannon	962	80000	40104	18815	861//	15301	83702	85703	88705
Roches Point	952	53108	75011	18614	35602	14400	83638	85070	
Valentia	953	83516	40616	20413	863//	12308	88706		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00131	14	+	f
Hurn	862	00151	15	+	+
Thorney Island	871	00151	13	+	+
Manston	797	00161	13	+	+
Gatwick	776	00161	15	+	+
Kew	775	01151	14	+	roRrro
Heathrow	772	94151	12	+	rordoro
Honington	586	00151	15	+	+
Wattisham	590	00151	13	ff	ifff
Gorleston	497	00140	11	f	+
Aberporth	502	00131	09	+	+
Ross-on-Wye	627	97131	13	+	ido
Filton	628	94131	13	+	do-dorodo
Rhoose	715	00141	14	+	+
Chivenor	707	00140	11	+	+
Mount Batten	827	00150	13	+	+
St. Mawgan	817	03131	12	iro	rororr
Scilly	804	00130	10	+	+
Culdrose	809	96140	14	irororo	+
Guernsey	894	00141	15	+	+
Elmdon	534	97131	13	dodo	dodo
Cardington	559	01141	15	rrododoff	ffidododo
Wittering	462	97141	14	do	+
Watnall	354	97131	13	dodo	do
Shawbury	414	97110	09	+	doro
Finningley	360	92131	13	dodo	dodo
Kilnsea	396	97141		dd	ido
Leeming	257	92131	13	iroido	idododo
Tynemouth	262	07121	13	id	tlpR
Carlisle	222	01131	12	+	rR
Valley	302	91111	07	pro	+
Ringway	334	00141	13	+	+
Squires Gate	318	01111	07	lroR	+
Ronaldsway	204	97130	11	+	ro
Mull of Galloway	131	00130			
Eskdalemuir	162	01101	10	dodororo	rororro
Prestwick	135	97120	11	ido	ido
Abbotsinch	140	97130	13	dodo	+
Leuchars	171	97111	12	do-dodo	+
Dyce	091	91101	09	dodo	dodo
Lerwick	005	00090	08	+	+
Wick	075	91091	04	rododododido	+
Sule Skerry	010	97100	11		
Cape Wrath	049	00111	09	+	+
Stornoway	026	00081	04	ifff	ff
Benbecula	022	00080	06	+	+
Tiree	100	00100	05	+	ff
Aldergrove	917	00120	08	+	+
Malin	980	97111	07		
Belmullet	976	05121	12		
Birr	965	97081	06		
Dublin	969	97110	10		
Shannon	962	97131	09		
Roches Point	952	97140	10		
Valentia	953	06121	12		

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70330	22004	82918	95204	97208	862//	00222	88704	/////	0//08	10986	30303	34005
B	99566	70511	22004	82621	97106	94208	863//	00319	88709	/////	0//07	10870	30402	99/05
C	99527	70355	22004	82320	97028	21812	784//	00304	86815	/////	0//11	11117	30505	/////
D	99441	70403	22004	41916	97020	29120	41501	00209	84823	/////	0//13	12200	30504	36605
E	99350	70480	22004	31814	98020	24025	32500	00315	83825	/////	0//22	12616	30504	/////
I	99588	70191	22004	22120	98018	12012	29400	41223	81915	/////	05009	11275	30806	00/00
J	99524	70196	22004	32817	99028	23714	22401	00321	82818	/////	05209	11544	30704	23707
K	99451	70151	22004	83517	97201	24616	862//	00302	88704	/////	0//15	11690	30000	30803
M	99658	10020	22004	70808	98022	31208	65680	00106	86635	/////	05603	11113	30000	99503

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	22064	82913	96604	02508	872//	71329	82704	86706	0//07	10972	30302	35806
B	99563	70527	22064	02426	98820	99307	00900	62222	/////	/////	0//06	10849	30605	/////
C	99527	70355	22064	72320	97028	19013	884//	10719	86815	/////	0//11	11110	30405	/////
D	99442	70413	22064	21917	98011	27320	21500	00609	82820	/////	0//14	12146	30504	/////
E	99350	70480	22063	21815	98020	24425	22500	00602	82825	/////	0//21	12612	30504	/////
I	99591	70189	22064	42319	98031	16312	48440	11221	81815	83620	00008	11200	30805	00/00
J	99525	70200	22064	72815	98038	26113	784//	00214	81918	83818	05409	11535	30703	23706
K	99453	70146	22064	63520	98016	24616	45520	00302	84620	84458	0//13	11661	30605	/////
M	99658	10020	22064	81012	98022	30708	864//	00801	88716	/////	05605	11080	30101	99503

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40086

Date of Issue Monday 23 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 22 August 1971

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	40907	56054	16718	41400	14204	84814		
Hurn	862	60506	62031	16820	61500	16302	86825		
Thorney Island	871	70508	56052	16619	784//	16207	83716	83818	87645
Manston	797	80306	14106	16018	862//	17006	83703	85704	88706
Gatwick	776	80506	40212	16717	862//	15108	83705	86708	88711
Kew	775	80304	40056	16818	864//	15104	82710	88712	
Heathrow	772	80107	45036	17018	864//	15005	84710	88712	
Honington	586	80307	37052	17118	863//	15003	88709		
Wattisham	590	70508	32022	16618	764//	15003	87711		
Gorleston	497								
Aberporth	502	63403	56052	17516	65830	13002	86657		
Ross-on-Wye	627	80000	56045	17616	854//	14203	84710	88615	
Filton	628	80205	40052	17817	854//	14305	83712	86620	88635
Rhoose	715	80706	60012	17617	854//	14206	81612	88618	
Chivenor	707	82805	58052	17318	7857/	15104	83822	86656	88362
Mount Batten	827	72104	56052	17218	1863/	14103	81840	87363	
St. Mawgan	817	73207	61026	17717	3847/	13204	81815	83650	87462
Scilly	804	63403	66021	19019	60970	15206	86358		
Culdrose	809	73204	60052	17717	756//	14103	83630	85650	
Guernsey	894	83306	30052	17416	852//	15207	83704	85706	86709
Elmdon	534	80505	38205	17916	863//	14204	86706	88708	
Cardington	559	80406	58055	17618	854//	16002	85710	88625	
Wittering	462	70406	58022	17518	754//	14004	87615		
Watnall	354	80305	59022	18017	854//	14103	85714	88620	
Shawbury	414	83503	59046	18116	854//	13301	83712	88619	
Finningley	360	83402	67025	18116	854//	14004	83710	~~84625~~	88625
Kilnsea	396	80210	60025	17815	5642/	15004	85710	88460	4
Leeming	257	80107	40105	18715	862//	14007	85705	88706	
Tynemouth	262	73621	66029	18114	725//	13308	87820		
Carlisle	222	70000	75026	18817	753//	13501	82708	84712	86618
Valley	302	70711	61042	17819	784//	13400	83817	87650	
Ringway	334	80505	64022	18217	854//	12002	81711	88618	
Squires Gate	318	80902	62032	18716	854//	14500	84615	88630	
Ronaldsway	204	83507	82032	18916	7547/	12201	84711	87616	88460
Mull of Galloway	131	80908	80022	19115	856//	13201	88645		
Eskdalemuir	162	70407	61019	18915	5848/	13502	82712	83820	85365
Prestwick	135	80607	68032	19515	3547/	12805	81618	83650	88460
Abbotsinch	140	70607	65052	19717	1147/	12806	81818	86362	
Leuchars	171	70606	83021	20317	15332	09001	81708	87070	
Dyce	091	20213	86021	20819	00902	09801	82070		
Lerwick	005	60205	66031	22513	684//	10102	85812		
Wick	075	50804	84031	22413	26482	11303	82712		
Sule Skerry	010	20705	74011	22515	25500	12208	82620		
Cape Wrath	049	50903	81031	21514	22562	12206	82820	84360	
Stornoway	026	50505	82022	21716	32530	14004	83824	83359	
Benbecula	022	63413	70011	21817	3533/	13208	81709	83645	85360
Tiree	100	73510	70034	21016	38432	14210	81816	83630	
Aldergrove	917	80406	30626	20314	863//	13208	84706	88708	
Malin	980	73612	58102	20814	764//	14108	85712	87645	
Belmullet	976	83612	58506	22414	864//	13208	82710	88716	
Birr	965	73604	61104	19618	784//	14203	81715	87638	
Dublin	969	80308	62026	19315	864//	13106	87711	88645	
Shannon	962	83512	81025	20116	864//	14008	81710	86715	
Roches Point	952	73112	70022	18919	5847/	15002	82814	84640	87358
Valentia	953	83510	50616	21913	863//	13211	88706		

OBSERVATIONS at 18h. 22 August 1971

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	70907	40051	16818	754//	14301	84618	87626	
862	32705	50051	16920	35500	16301	83625		
871	70404	48052	16619	3843/	16302	82814	83656	87360
797	70314	18052	16117	762/2	16702	81704	83705	87706
776	73602	40052	16219	754//	16602	82618	87650	
775	80304	48252	16719	4257/	16500	84822	88359	
772	73406	56035	16621	755//	15502	82625	87645	
586	70407	50052	17318	654/2	15501	84616	85650	87070
590	80606	37052	17117	864//	15303	88711		
497	83610	32102	17217	862//	16000	88705		
502	43405	56051	18115	45300	14305	81708	84650	
627	70000	56042	17317	754//	15701	87618		
628	70404	58052	17818	785//	15500	81824	87637	
715	80404	57052	17517	855//	15301	88626		
707	50405	61051	17319	3463/	14500	83630	83360	
827	72302	56052	17417	5543/	15500	81715	85650	86359
817	73106	56052	17716	753//	15500	83707	87645	
804	63602	59021	18517	15532	15301	81628	83360	86075
809	70000	57216	17716	5547/	14703	82710	83640	87462
894	50000	40052	17516	553//	14000	83706	85620	
534	53401	56052	17418	55600	15803	85640		
559	70205	59052	17119	725//	16501	87820		
462	40206	56011	17119	45501	14602	84624		
354	73401	48052	18018	755//	14501	84626	87640	
414	80000	59042	17918	6547/	14302	82618	86633	88359
360	63506	56042	18217	654//	14500	82712	85635	
396	80605	48022	17815	4642/	15502	84710	88460	
257	80502	48042	18216	864//	14502	88711		
262	83414	32102	18114	864//	14501	88710		
222	70106	74032	18517	1567/	10000	81630	85362	87465
302	80408	62022	18715	853//	13203	82706	88615	
334	73003	40042	18117	755//	13102	87625		
318	83506	59045	18816	854//	13400	83715	88625	
204	83202	70022	19316	853//	12202	81706	84624	88635
131	83516	60022	18915	2642/	13604	82715	88460	
162	83509	78172	19613	4568/	07203	84638	86358	
135	70603	78016	19617	1577/	07501	81656	85459	87360
140	70000	63056	19420	35771	12605	83650	83362	85365
171	70910	70022	19415	757//	11101	87656		
091	83513	75031	20214	763/1	10400	83708	87711	
005	11701	62051	22313	10980	10500	81360		
075	70507	69031	22012	763//	11303	87709		
010	30705	66030	22314	35400	11702	81710	83620	
049	30903	81030	21913	25501	10203	82625	83070	
026	50110	80024	22215	15532	13303	81625	84070	
022	83520	66031	21914	852//	13500	81705	85709	88618
100	73318	70032	20715	4568/	13601	84630	84359	86362
917	83508	30616	20314	5622/	13000	82703	83705	88550
980	83410	65216	21414	4647/	13102	82712	84635	88460
976	83614	80025	23215	864//	12302	81710	84718	87638
965	73608	62022	20417	785//	14304	85822	87640	
969	80206	63022	19715	5647/	13400	83713	85720	85458
962	73412	70026	20617	35576	14302	83624	86359	85270
952	70112	60052	19218	18478	13203	81817	87270	
953	80112	60216	21614	864//	13302	86715	87632	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00201	034	+	+
862	00210	026	+	+
871	00210	010	+	+
797	97191		ir$_o$	+
776	92201	001	r$_o$	r$_o$
775	95211	004	+	prr$_o$ir$_o$
772	91211	015	d$_o$	r$_o$r$_o$
586	00201		+	+
590	00201	007	+	+
497	00170	000	+	+
502	00171	036	+	+
627	00181	000	+	+
628	00190	004	+	+
715	00180	000	+	+
707	00200	010	+	+
827	00200	030	+	+
817	97171	021	ir$_o$	+
804	00220	072	+	+
809	91170	000	+	ir$_o$
894	91171	003	+	+
534	97191	001	d$_o$d$_o$id$_o$	+
559	00201	002	+	+
462	00210	019	+	+
354	00190	005	+	+
414	00190	000	+	+
360	00180	001	+	+
396	00160	000	+	+
257	97171	000	d$_o$	+
262	92141	003	pr	dd
222	02191	013	Rrr$_o$	l
302	00190	005	+	+
334	00181	000	+	+
318	97161	000	d$_o$	d$_o$
204	00170	001	+	+
131	00160			
162	03171	010	rr$_o$tlr	tlRrTLr$_o$
135	97190	013	ir$_o$	tl
140	02202	035	ir$_o$	ir$_o$tlr
171	97181	054	+	t-r$_o$
091	97190	082	+	d$_o$
005	00150	108	+	+
075	00150	097	+	+
010	00160			
049	00141	075	+	FF
026	00160	104	jf	+
022	97191	064	+	id$_o$
100	00180	075	+	+
917	05161	000	ir$_o$	r$_o$r$_o$rr$_o$r$_o$
980	9716	009		
976	0215	000		
965	9718	005		
969	9716	008		
962	9718	005		
952	0019	023		
953	0315	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

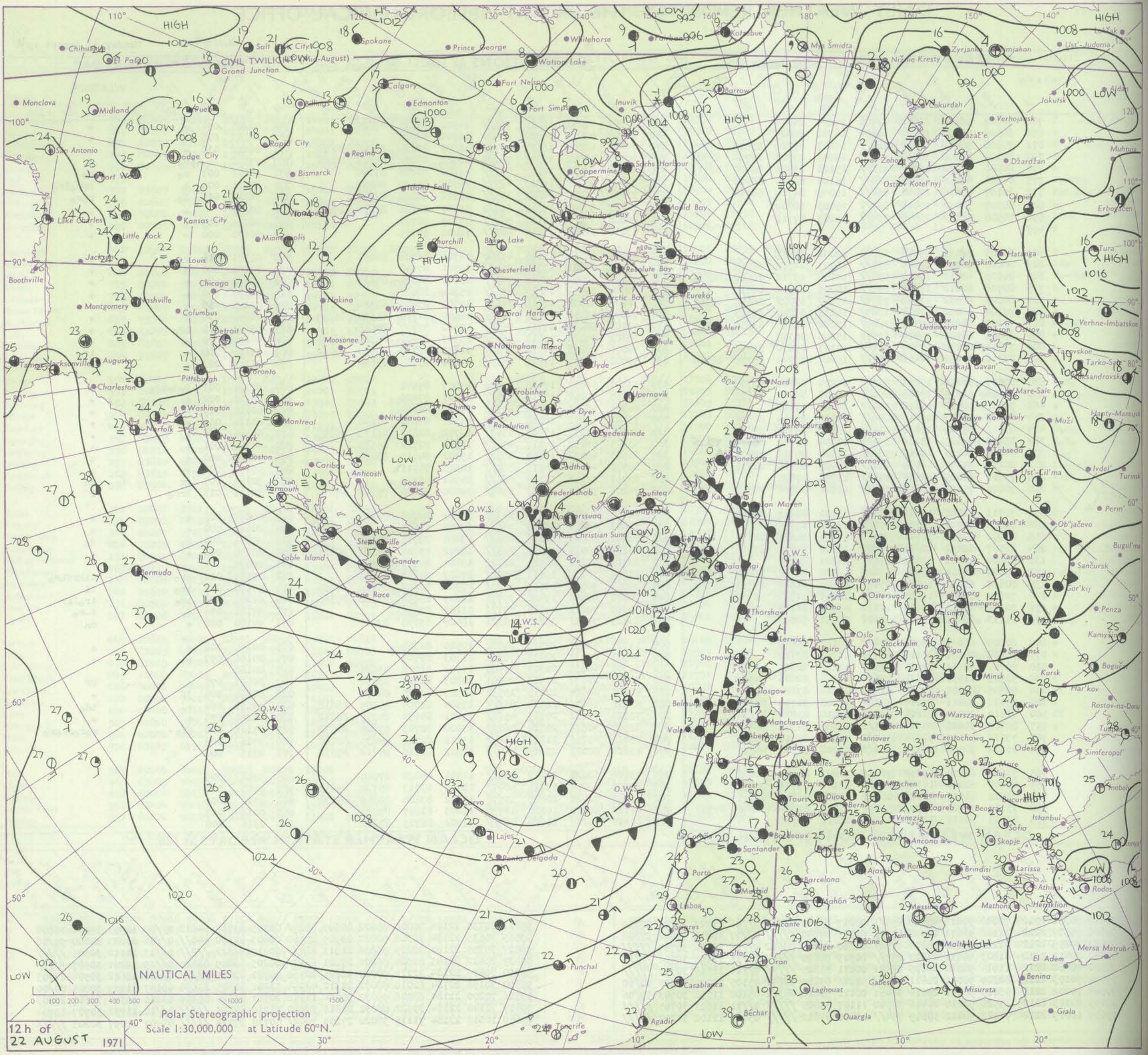
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	22124	72808	97026	05908	653/1	00217	83708	86616	0//06	11023	30201	02110
B	99560	70537	22124	72108	98031	03308	755//	61215	87630	/////	0//07	10841	30402	22808
C	99527	70355	22124	82226	95616	18814	6732/	00308	86806	88512	0//12	11120	30707	/////
D	99441	70412	22124	81823	98031	27822	855//	00303	88620	/////	0//16	12195	30506	/////
E	99350	70480	22124	11814	98020	26125	12501	00211	81825	/////	0//21	12619	30505	/////
I	99590	70193	22124	82320	98031	20611	885//	51226	83820	88642	05105	11237	30907	00/00
J	99524	70202	22124	53115	98011	29814	38431	00121	81818	84362	05108	11538	30603	99/06
K	99455	70143	22124	33522	98010	26416	38500	11107	83825	/////	0//11	11683	30705	/////
M	99659	10019	22124	71112	98022	30609	754//	00400	87612	/////	05406	11102	30202	/////

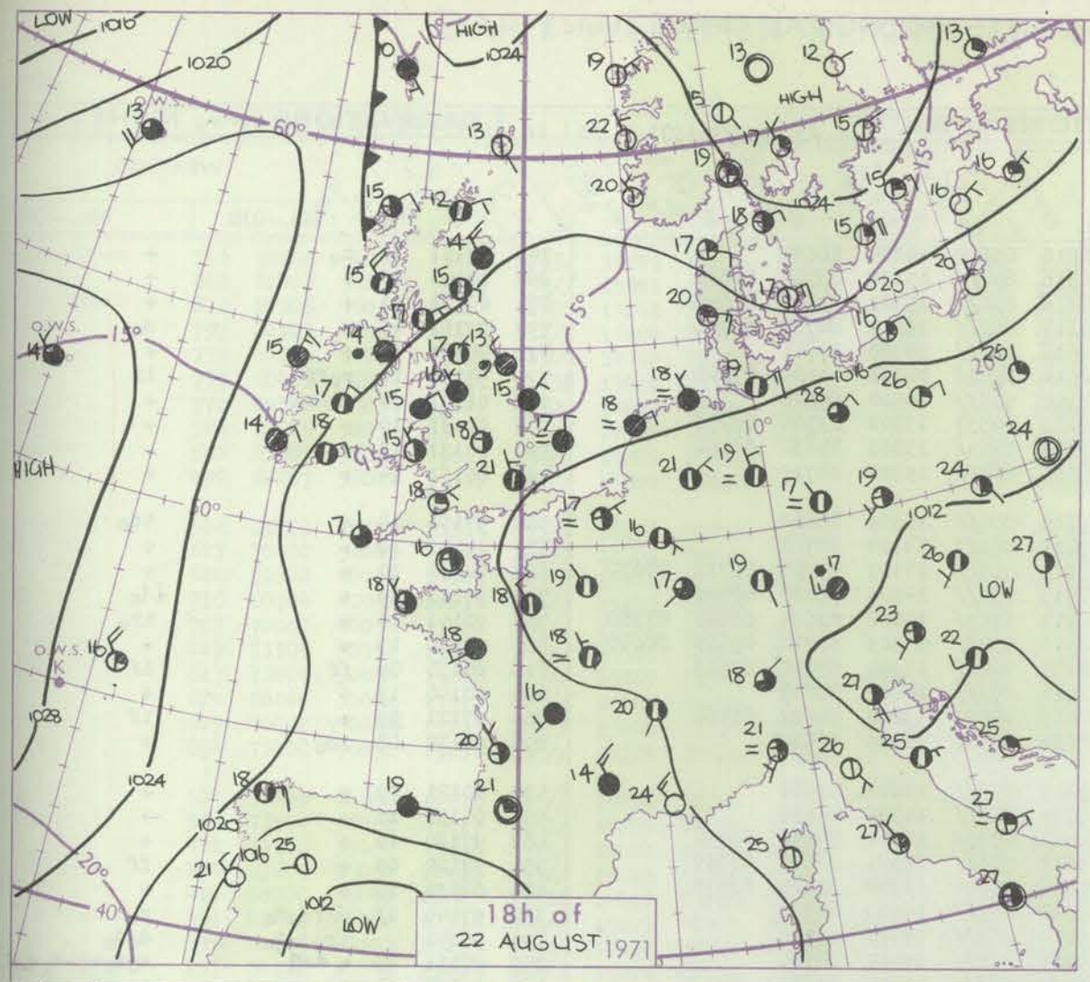
OCEAN WEATHER STATION REPORTS at 18h.

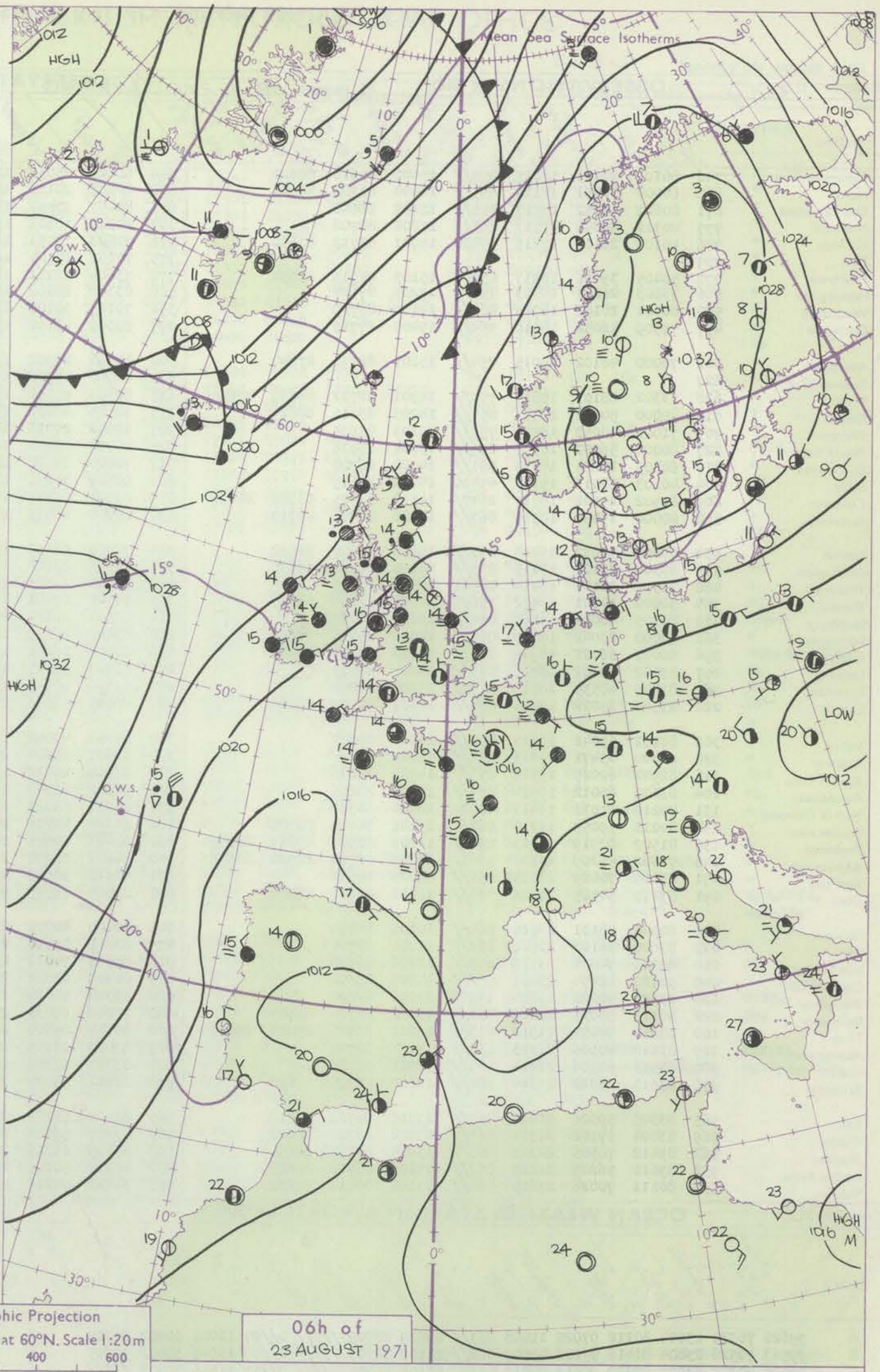
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70330	22184	70000	95402	07609	5527/	00305	83705	84618	0//08	10993	30000	36808
B	99565	70539	22184	61306	98022	03909	25502	00803	82630	840//	0//08	10843	30000	99/06
C	99527	70355	22184	82223	96806	21013	884//	00217	86812	/////	0//13	11112	30506	/////
D	99439	70412	22183	81928	96602	27021	6732/	00205	86809	88525	0//19	12201	30607	/////
E	99350	70479	22184	31712	98020	26826	22560	00701	82825	/////	0//20	12612	30504	22705
I	99590	70198	22184	62018	98031	21312	48544	51002	81825	83650	00107	11239	30805	00/00
J	99526	70200	22184	63206	99032	30014	14552	00501	81625	85359	05210	11544	30607	25805
K	99457	70140	22184	33522	98031	24816	38500	11710	82825	/////	0//10	11732	30707	03704
M	99659	10018	22184	71116	98022	27209	764//	00718	87714	/////	05207	11097	30203	/////

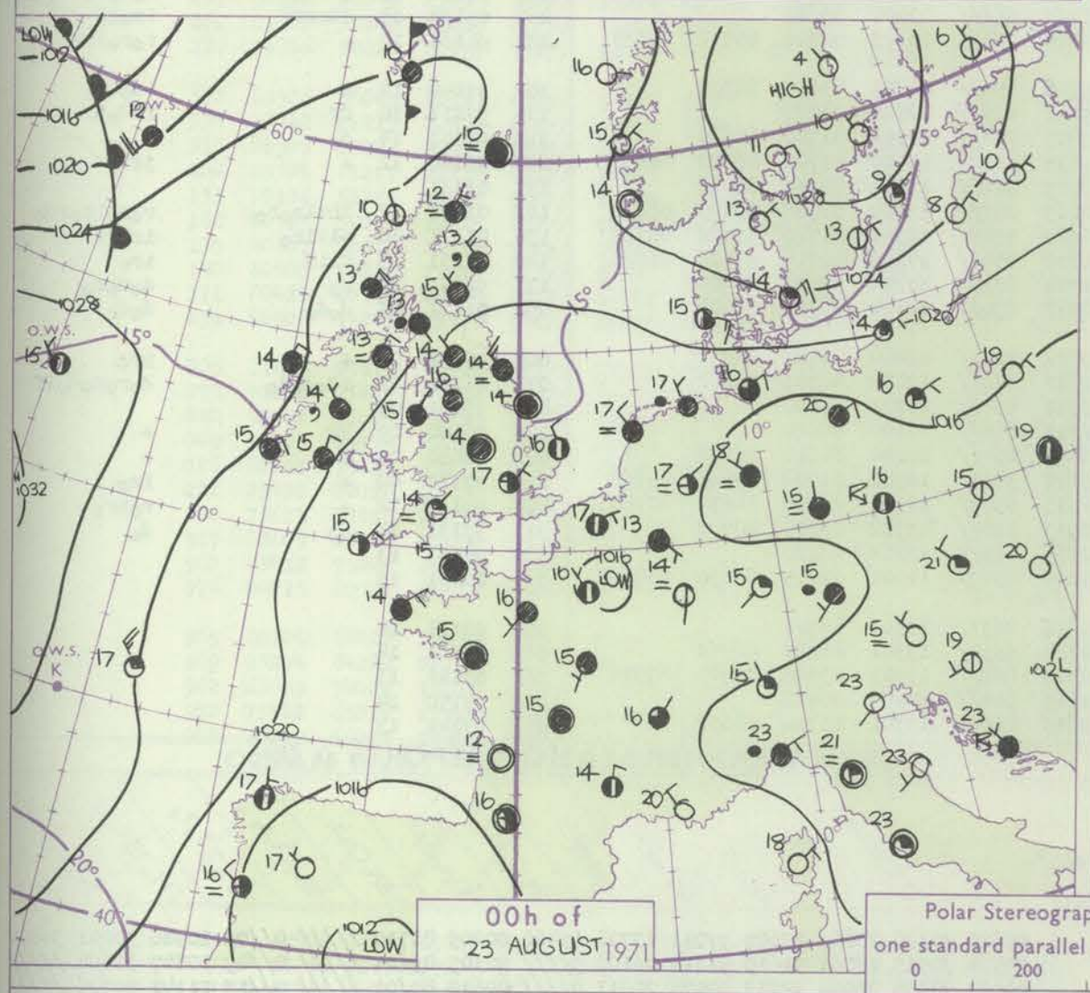
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
HIGH
LOW
Chihuahua
El Paso
Grand Junction
Salt Lake City
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Barrow
Kotzebue
Mys Šmidta
Nižnie Kresty
Zyrjanka
Omjakon
Ust'-Judoma
Jakutsk
Aldan
Oymjakon
Verhojansk
Vilujsk
Muhtuja
Džardžan
Erbogačen
Tura
Hatanga
Dikson Ostrov
Tajmyrskoe
Tarko-Sale
Igarka
Mare-Sale
Mužī
Ivdel'
Turinsk
Perm'
Ob"jačevo
Bugul'ma
Sančursk
Kirov
Penza
Kamyšin
Saratov
Bogučar
Har'kov
Rostov-na-Donu
Simferopol'
Sevastopol'
Odessa
Kiev
Minsk
Smolensk
Kursk
Riga
Gdańsk
Warszawa
Częstochowa
Berlin
Hannover
Köln
Frankfurt
Prague
Wien
München
Zagreb
Beograd
Sofia
Istanbul
Skopje
Venezia
Genova
Ancona
Roma
Brindisi
Larissa
Athinai
Rodos
Heraklion
Mathon
Messina
Malta
Tripoli
Misurata
Gialo
Mersa Matruh
El Adem
Benina
Gabes
Laghouat
Ouargla
Béchar
Alger
Bône
Oran
Casablanca
Agadir
Funchal
Tenerife
Lisboa
Porto
Madrid
Gibraltar
Barcelona
Mahón
Alicante
Santander
Bordeaux
Brest
Paris
Dijon
Tours
Lyon
Nice
Ajaccio
Cagliari
Thorshavn
Lerwick
Stornoway
Glasgow
Belfast
Manchester
London
Oslo
Stockholm
Vaasa
Ostersund
Leningrad
Helsinki
Murmansk
Archangel'sk
Sodankylä
Mys Čeljuskin
Uelen
Ostrov Kotel'nyj
Ostrov Žohova
Cape Dyer
Resolution
Frobisher
Nottingham Island
Port Harrison
Winisk
Churchill
Baker Lake
Chesterfield
Coral Harbour
Arctic Bay
Resolute Bay
Eureka
Alert
Thule
Upernavik
Godthaab
Frederikshab
Angmagssalik
Prins Christian Sund
Cape Race
Gander
Stephenville
Goose
Anticosti
Caribou
Sable Island
Bermuda
Nitchequon
Chimo
Cambridge Bay
Coppermine
Sachs Harbour
Mould Bay
Isachsen
Danmarkshavn
Daneborg
Bjornoya
Hopen
Jan Mayen
Kap Tordenskjold
Kap Heiberg
Kap Cheluskin
Nord
Ostrov Uedineniya
Russkaja Gavan'
Mys Čeljuskin
Dikson Ostrov
Tajmyrskoe







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

06h of
23 AUGUST 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 23 August 1971

The complex shallow low pressure area over southern and southwestern Europe still persists though the anticyclone over Scandinavia is now moving slowly south. An anticyclone north of theAzores is almost stationary, but the ridge from it to northwest Scotland will move slowly south over western Britain. Low pressure persisting in the Denmark Strait area will maintain a southwesterly flow over the northern Atlantic with troughs moving northeast to the Norwegian Sea.

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

Code FM 11.D — OBSERVATIONS at 00h. — 23 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Boscombe Down	746	80105	28101	18015	854//	15400	85616	88620	
Hurn	862	60000	40051	18115	653//	14400	81708	86640	
Thorney Island	871	80602	48052	17917	856//	16202	88640		
Manston	797	80312	30052	17517	863//	15801	88708		
Gatwick	776	40103	26106	17815	45400	15701	82712	83650	
Kew	775								
Heathrow	772	50405	35056	18217	55400	15103	81714	85650	
Honington	586	73603	26101	18813	755//	13204	87628		
Wattisham	590	80504	28102	18715	863//	14104	88709		
Gorleston	497	73509	56052	18516	764//	15400	87715		
Aberporth	502	70000	48102	19015	754//	15205	82710	87640	
Ross-on-Wye	627								
Filton	628	73302	28101	18815	754//	14301	82712	84630	87645
Rhoose	715	80000	50052	18715	854//	14203	83616	88624	
Chivenor	707	71002	48052	18517	756//	15103	87635		
Mount Batten	827	80000	56052	18316	856//	15801	88638		
St. Mawgan	817	60505	15284	18414	661//	14000	86702		
Scilly	804	40203	58011	19115	45400	14400	84615		
Culdrose	809	60502	25102	18614	2647/	14104	82715	83360	86462
Guernsey	894	80000	15051	18315	863//	14400	86706	88710	
Elmdon	534	80000	40052	19014	855//	14000	83620	88638	
Cardington	559	80304	32101	19115	855//	14106	86621	88630	
Wittering	462	33502	30101	19014	00901	13303	83075		
Watnall	354	30000	14101	19412	15601	12500	81645	83075	
Shawbury	414	80105	40042	19115	856//	13801	88633		
Finningley	360	80000	23042	19115	854//	14000	83715	88629	
Kilnsea	396	80000	66022	18914	3642/	14104	83710	88460	
Leeming	257	83002	32102	18815	863//	14804	88709		
Tynemouth	262	83408	48535	18813	873//	13803	88708		
Carlisle	222	83503	65022	19814	854//	10801	82712	88615	
Valley	302	80102	59042	19615	855//	14000	88627		
Ringway	334	90000	03471	19313	9////	13802	89///		
Squires Gate	318	82902	62025	19516	855//	14702	88626		
Ronaldsway	204	83602	60012	19714	857//	12801	88656		
Mull of Galloway	131	40210	81011	19413	40920	12400	84360		
Eskdalemuir	162	80211	59059	19714	862//	13806	84705	88708	
Prestwick	135	81502	62919	20313	2968/	11003	82930	83357	88359
Abbotsinch	140	73602	56299	20114	5948/	13805	82710	82920	84656
Leuchars	171	83205	70029	20615	856//	12004	88640		
Dyce	091	83113	30515	21313	870//	12002	86701	88702	
Lerwick	005	80000	58101	23810	864//	10106	88710		
Wick	075	83606	56102	22912	862//	11004	88704		
Sule Skerry	010	60505	74031	23912	655//	11206	86620		
Cape Wrath	049	90503	02454	23011	9////	11203	89/00		
Stornoway	026	13508	70021	23810	15500	10001	81620		
Benbecula	022	80113	58025	23412	862//	12102	85704	88707	
Tiree	100	83618	58052	21913	853//	12201	84706	85710	88622
Aldergrove	917	83610	40106	21313	861//	13104	88702		
Malin	980	83513	62106	22414	863//	13001	88706		
Belmullet	976	83611	68022	24314	864//	12002	86715	87638	
Birr	965	83305	59506	21814	863//	13301	85708	88716	
Dublin	969	83404	57102	20514	864//	13802	86713	88622	
Shannon	962	83412	70505	22315	863//	13400	84708	88635	
Roches Point	952	83610	56205	21215	863//	14106	85708	88628	
Valentia	953	80111	70026	23015	864//	13102	86714	88632	

OBSERVATIONS at 06h. — 23 August 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
746	60805	25056	18516	65600	14204	86630		
862	80405	20102	18516	854//	15102	83710	88630	
871	80407	37052	18616	854//	15301	83712	88640	
797	80210	18502	18117	862//	16203	84703	88704	
776	70603	17051	18516	764//	15500	87711		
775	70102	15104	18914	3563/	14303	83632	87359	
772	73604	18101	18914	756//	14500	87640		
586	83302	28102	19213	30937	13302	83366	88270	
590	70103	30102	19113	5563/	13303	85630	87360	
497	83006	48102	18315	864//	15302	88715		
502	80402	23502	19315	854//	15302	88616		
627	80000	17102	19015	863//	14202	88708		
628	80304	23052	19215	853//	14303	83708	86712	88630
715	70505	40052	18715	755//	14101	82620	87645	
707	70000	29216	18715	6557/	14102	83624	86645	87360
827	80000	28102	18516	854//	15303	81710	85625	88640
817	70000	14102	18515	754//	15301	83710	87623	
804	80404	32051	18914	853//	14000	88609		
809	80501	09444	18613	4552/	13202	84622	88460	
894	60000	40055	18614	65532	12306	86620		
534	70000	10112	19413	756//	13202	87638		
559	82602	29102	19514	856//	14302	88630		
462	82702	14101	19313	4577/	12304	84650	88358	
354	70000	07441	19612	756//	12301	86645	87657	
414	42902	16101	19614	35602	13500	83640	83075	
360	83402	26285	19315	862//	14500	88703		
396	80506	16106	19014	863//	14301	88706		
257	83403	37105	19714	862//	14500	88704		
262	93510	00456	19713	9////	13400	89/00		
222	80000	58216	20014	853//	13303	82706	85712	88635
302	80000	40042	19715	854//	14301	83614	88628	
334	82103	06464	19712	855//	12501	88625		
318	82506	60012	19415	854//	14301	81710	88630	
204	82602	61022	19815	851//	13400	81702	86628	88656
131	83511	63022	19513	2642/	13400	82712	88460	
162	80208	40216	20013	883//	13000	83708	83820	88632
135	80403	60606	20615	7548/	13301	81710	87622	88358
140	80402	50102	21115	854//	14206	82714	83618	86625
171	80512	30515	21414	871//	13204	87702	88704	
091	83408	16515	22212	870//	12104	87701	88702	
005	70000	40802	23812	722//	12400	84704	84812	
075	83203	09516	22612	870//	12802	86701	88702	
010	80505	74032	23511	855//	11203	88620		
049	80503	82014	22911	864//	10400	88610		
026	63508	70021	23511	654//	10000	81618	86632	
022	70111	65032	23111	3533/	10500	81708	83635	85362
100	80114	65606	21513	6537/	12304	82708	84630	87460
917	83410	20105	20913	860//	13702	86700	88702	
980	83313	62102	22313	863//	12203	88709		
976	80112	75022	24214	6547/	11302	82715	85638	88459
965	83405	58105	21614	863//	13301	88708		
969	83203	59606	20714	6557/	13301	86627	88460	
962	83609	66216	22314	863//	13303	83706	85709	87714
952	80110	60205	21515	864//	14207	88711		
953	80211	70216	22615	864//	13301	86714	88632	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97151	13	r_o	+
862	00141	10	+	+
871	00151	11	+	+
797	97161	15	+	d_o
776	00151	13	+	+
775	97131	11	$r_o$ff	if
772	01141	10	r_oIr_o	+
586	00131	10	+	+
590	00131	12	+	+
497	00151	14	+	+
502	97151	14	+	id_o
627	00141	10	+	+
628	00150	10	+	+
715	97141	09	+	id_o
707	92151	14	+	ir_o
827	00160	13	+	+
817	00130	09	ff	if
804	00140	12	+	+
809	97121	09	+	if
894	97130	08	id_o	+
534	00121	09	+	+
559	00131	11	+	+
462	97130	10	+	+
354	97120	09	+	ff
414	00130	10	+	+
360	97140	13	$d_of_Id_od_o$	r_o
396	96141		$ir_od_od_o$	d_od_o
257	97131	13	d_od_o	~~$d_od_oif_Id_o$~~ d_oI_of
262	05132	13	ddrrFF	ir_oFF
222	95131	14	+	$r_or_oir_o$
302	97140	12	+	id_o
334	97111	10	ff	ff_d_o8
318	97151	14	d_o	+
204	00140	12	+	jf
131	01131			
162	01111	12	TLtlr$_o$r$_o$	r$_o$r$_o$ir$_o$r$_d_o$
135	01121	10	tltlr$_o$	ir$_o$ir
140	05131	13	tliR	ir$_o$
171	91141	13	r$_o$	d$_o$d$_o$r$_o$
091	91121	12	d$_o$d$_o$	d$_o$d$_o$
005	97091	05	+	pr$_o$
075	01111	11	i$d_od_od_o$	d$_o$r$_o$d$_o$d$_o$ff
010	97101	09		
049	00100	09	FF	+
026	00080	07	+	+
022	97110	09	+	ir$_o$
100	97130	12	+	r$_o$ir$_o$
917	97131	13	d_o	d_o
980	97131	13		
976	00131	13		
965	93141	14		
969	97141	14		
962	03141	13		
952	97150	14		
953	97141	13		

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	23004	80112	97025	11508	863//	00219	88709	/////	0//07	11006	30202	34805
B	99563	70528	23004	81416	95202	05509	862//	21109	88705	/////	0//09	10840	30402	99/05
C	99527	70355	23004	82222	95618	22213	6732/	00104	86705	/////	0//13	11148	30707	/////
D	99440	70412	23004	31925	97016	27921	35500	00107	83820	/////	0//20	12187	30608	/////
E	99350	70480	23003	11610	98020	28025	12500	00312	81825	/////	0//21	12614	30503	/////
I	99588	70195	23004	82025	97022	19411	855//	51809	88620	/////	00111	11269	30806	00/00
J	99524	70196	23004	72807	98022	30314	784//	61606	83818	87630	05213	11535	30605	25803
K	99459	70135	23004	23526	98021	24016	28500	12713	81825	/////	0//12	11756	30707	03704
M	99659	10020	23004	51312	97022	24709	56480	00723	85714	/////	05207	11097	30202	99503

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	23064	13607	97011	13708	15400	00205	81710	/////	0//05	10986	30201	34804
B	99564	70513	23064	91619	91614	06108	9////	22105	89/01	/////	0//09	10847	30604	/////
C	99527	70355	23064	92217	93476	20813	9////	00612	89/01	/////	0//13	11141	30706	/////
D	99441	70411	23064	82022	98030	28022	855//	00500	88620	/////	0//21	12170	30608	/////
E	99350	70480	23063	01305	98020	27025	00900	00708	/////	/////	0//21	12615	30402	/////
I	99589	70198	23064	82218	97602	16813	7742/	51504	87710	/////	00112	11251	30806	00/00
J	99526	70204	23064	82515	97505	28115	3527/	00614	81705	88359	00114	11514	30605	25803
K	99459	70138	23064	73430	96801	21015	784//	00605	85816	87640	0//12	11805	30805	/////
M	99660	10020	23064	82506	97022	20610	864//	00717	88713	/////	05108	11073	30000	99503

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40087

Date of Issue Tuesday 24 August 1971

Code FM 11.D

OBSERVATIONS at 12h. — 23 August 1971

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	70905	58052	19221	6263/	14801	86830	83362	
Hurn	862	81403	50052	19719	854//	15001	84615	88630	
Thorney Island	871	50505	48052	19222	51600	15102	85835		
Manston	797	80107	40055	19318	852//	16004	82705	85706	88615
Gatwick	776	40306	50051	19121	48500	14002	84825		
Kew	775	60403	56052	19321	3153/	14000	83828	86363	
Heathrow	772	40302	56031	19422	48600	14802	82830	84645	
Honington	586	83205	50052	19618	854//	14000	85616	88645	
Wattisham	590	83507	56032	19517	854//	14002	88615		
Gorleston	497	83207	58022	19317	854//	14202	88618		
Aberporth	502	83303	19105	20316	853//	16208	85708	88630	
Ross-on-Wye	627	70000	56042	19421	32538	15801	83825	86275	
Filton	628	72502	60012	20121	785//	15001	81828	87656	
Rhoose	715	80704	40056	20216	856//	15105	88645		
Chivenor	707	70000	44052	19420	784//	17002	82815	87645	
Mount Batten	827	71105	40052	19520	785//	16106	86820	86635	
St. Mawgan	817	73006	50054	19618	753//	15207	81708	84714	87640
Scilly	804	80000	32052	19917	862//	16207	88704		
Culdrose	809	70000	40054	19119	784//	15004	82818	83622	86650
Guernsey	894	73408	56052	19217	755//	14104	84621	87640	
Elmdon	534	73605	40052	20018	757//	15004	87656		
Cardington	559	73504	56052	19819	2153/	14501	82825	87360	
Wittering	462	70106	37052	19518	2643/	14001	82714	87360	
Watnall	354	83601	28054	20417	853//	15103	81706	85709	88645
Shawbury	414	50000	57041	20020	31531	14002	83825	84075	
Finningley	360	83603	32046	20516	862//	15101	81705	86707	88710
Kilnsea	396	80107	48102	20215	3641/	15302	83710	88460	
Leeming	257	80102	32045	21116	862//	15206	85705	88710	
Tynemouth	262	81002	32106	21415	855//	15109	88620		
Carlisle	222	70806	62026	20717	752//	15001	81705	83708	87625
Valley	302	83508	56045	20717	853//	14105	84706	88645	
Ringway	334	80402	22215	20617	853//	14104	83708	88640	
Squires Gate	318	81907	62022	20617	3547/	15207	81715	83635	88360
Ronaldsway	204	83304	61216	20616	851//	14106	81702	87618	88656
Mull of Galloway	131	80106	60026	20715	5642/	14106	85715	88460	
Eskdalemuir	162	80705	58055	21215	862//	14206	86703	88706	
Prestwick	135	80607	60216	21315	7547/	14205	81710	86617	88358
Abbotsinch	140	80508	50216	21815	873//	14207	82706	85708	88710
Leuchars	171	80411	20516	22514	860//	14205	88701		
Dyce	091	80908	14285	23315	861//	14104	82702	86703	88704
Lerwick	005	81809	56179	24314	871//	13305	83702	88708	
Wick	075	91202	03475	23414	9////	13107	89/00		
Sule Skerry	010	80702	58025	23213	864//	12703	88710		
Cape Wrath	049	90503	04474	22611	9////	11703	89/00		
Stornoway	026	80411	75032	23013	2547/	10606	82618	83359	88462
Benbecula	022	23410	82016	22616	15430	11605	81616		
Tiree	100	73611	80036	22014	26436	12400	81710	85362	87275
Aldergrove	917	83607	40586	21614	7612/	13104	81702	84703	86705
Malin	980	83412	75022	22514	864//	12001	88710		
Belmullet	976	40215	80021	24116	48430	11802	81719		
Birr	965	80104	66022	22515	864//	13103	86716	88632	
Dublin	969	83204	64102	21216	863//	13105	83709	88712	
Shannon	962	83609	74022	22616	864//	13002	82710	88715	
Roches Point	952	73512	65012	21716	764//	14104	87714		
Valentia	953	70209	65022	22916	754//	13000	87617		

OBSERVATIONS at 18h. — 23 August 1971

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	10307	50051	18421	12630	13501	81830		
862	32402	45051	18919	12580	17101	81828	83358	
871	21903	58051	18619	11601	17301	81830		
797	60604	56051	19018	00901	15703	86078		
776	70104	57051	18421	35731	14502	83650	86075	
775	30205	56051	18920	12630	13302	81832	83360	
772	43405	50051	19022	15631	13400	81640	83075	
586	83204	56052	19317	854//	14500	81615	84624	88650
590	83505	50052	19217	854//	14500	85614	88622	
497	83205	36505	19016	855//	16400	88620		
502	73403	19285	20315	761//	15000	84702	87710	
627	72305	58042	18921	48538	15601	84825	83360	86275
628	43102	48051	19121	45700	16804	84650		
715	12501	56051	19020	00901	16605	81075		
707	63604	32052	19020	685//	17301	83824	84656	
827	52305	23052	19817	564//	15304	83712	83630	
817	70000	32108	19618	6547/	17302	81710	85630	87359
804	90000	08474	19817	9////	16400	89/00		
809	60000	37052	19418	684//	15301	81816	86630	
894	30107	23401	19017	36202	16801	83705		
534	40606	40051	19419	12531	15501	81825	83075	
559	70105	48052	19719	6853/	15104	83820	84825	85359
462	80105	32052	19717	854//	14301	86710	88615	
354	80304	28212	20316	3647/	14301	83710	88363	
414	60408	37042	19520	55630	15500	85630	86362	
360	80405	21516	20516	873//	15301	86707	88711	
396	80708	16505	20214	863//	14400	88708		
257	81004	40502	21116	853//	15303	84707	88620	
262	81110	48104	22115	855//	15103	88620		
222	70710	48052	20418	6543/	15001	83715	83620	85630
302	73407	58042	20615	762//	14601	87704		
334	70305	30502	20019	755//	14502	81620	87650	
318	42605	60012	20617	30932	15201	83365		
204	81602	58032	20717	862//	14701	81704	88711	
131	80000	60022	20215	864//	14705	88715		
162	70705	58052	20917	785//	15501	83822	84634	
135	70305	58022	21017	754//	15500	82714	85618	87626
140	80507	40042	21417	853//	15502	81706	85708	88626
171	81012	06425	22414	860//	14500	88700		
091	81511	40205	23315	862//	14301	84704	88705	
005	71910	59059	23813	4638/	13502	84708	86358	
075	81605	50054	22414	852//	13503	83704	85710	88616
010	80000	64172	22013	864//	13705	88710		
049	91402	02474	21613	9////	12702	89/00		
026	73607	80602	22513	7092/	11501	87462		
022	73509	70021	22514	2647/	11501	82711	87360	
100	83509	80026	21913	7097/	11101	84358	87462	88272
917	83507	30586	21713	860//	13500	81701	86703	88710
980	83311	70106	22313	7642/	12602	87714	88458	
976	50111	84031	24015	584//	11502	82719	83640	
965	83205	62505	22015	7747/	13400	87712	88458	
969	80000	65102	21215	864//	13501	83713	87717	
962	83608	75216	22416	854//	13101	83714	85622	85635
952	83407	65022	21616	854//	14205	83713	88633	
953	70306	70216	22915	764//	13301	81713	85719	87638

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00231	048	+	+
862	00231	032	+	+
871	00220	046	+	+
797	00201		+	+
776	00231	074	+	+
775	00220	057	+	+
772	00231	047	+	+
586	00180		+	+
590	00191	002	+	+
497	97201	001	+	d_o
502	97171	000	id_o	id_of
627	00231	046	+	+
628	00220	013	+	+
715	92210	023	d_or_o	+
707	02231	006	+	prpR
827	00200	010	+	+
817	05201	006	+	pR
804	00190	016	+	ff
809	00200	000	+	+
894	00190	027	+	jf
534	00210	022	+	+
559	00201	015	+	+
462	97191	000	+	r_o
354	97181	000	+	ir_od_o
414	00210	034	+	+
360	91181	000	+	$d_or_od_or_od_od_o$
396	97161	000	+	d_o
257	91181	000	ff	d_o
262	97161	000	FF	FF
222	97201	002	id_o	+
302	00170	004	+	+
334	97201	001	$fff r_o$	d_od
318	97190	019	+	r_o
204	91170	000	r_or_o	+
131	00150			
162	97181	003	d_o	+
135	92171	000	$ir_or_or_od_or_o$	+
140	01171	000	$irir_o$	+
171	91151	000	d_od_offf	$d_od_offFd_o$
091	01151	000	d_od_offd	$d_od_oid_o$
005	97151	002	tir_o	+
075	97151	000	$d_od_oid_oif$	if
010	00160			
049	92141	000	FF	$FFir_o$
026	92140	011	+	ir_o
022	00170	046	+	+
100	93151	012	ir_or	rir_or_o
917	04141	000	$d_o-d_or_orrr_or_o$	$r_o-d_od_o-d_or_o$
980	0214	000		
976	0017	079		
965	9717	000		
969	0016	000		
962	9716	000		
952	0018	004		
953	9717	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

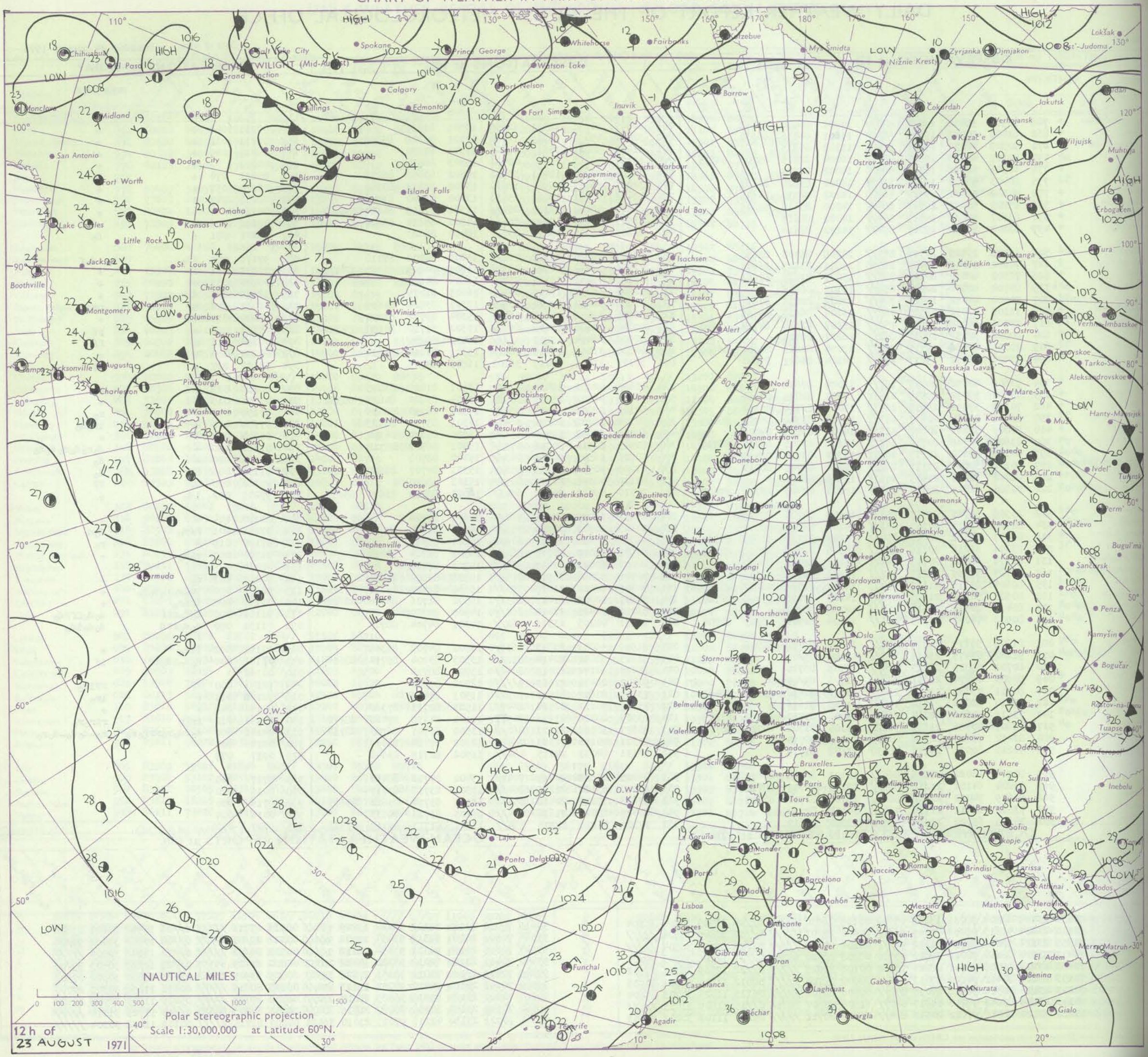
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	23124	62404	98031	15209	65600	00105	86630	/////	0//04	10999	30100	36804
B	99563	70510	23124	91815	91458	07009	9////	00602	89/01	/////	0//10	10845	30604	/////
C	99527	70355	23124	92413	94454	21612	9////	00104	89/02	/////	0//12	11159	30504	/////
D	99439	70412	23124	62114	98012	29822	25536	00208	82620	84357	0//21	12196	30503	99/04
E	99350	70480	23124	11008	98151	28025	13560	00106	81925	/////	0//22	12569	30301	17502
I	99588	70193	23124	82412	94106	17013	862//	00000	88704	/////	00012	11300	30301	24905
J	99525	70203	23124	82516	95516	27015	872//	00706	88704	/////	00115	11525	30703	28804
K	99459	70143	23124	83641	96218	19917	883//	61506	83807	88618	0//15	11809	31013	/////
M	99660	10020	23124	82415	97022	20310	864//	00400	88711	/////	05208	11102	30202	99503

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	99619	70330	23184	72112	98022	13209	764//	00713	87716	/////	0//06	10992	30201	23806
B	99564	70508	23184	92518	91454	10008	9////	00322	89/01	/////	0//08	10843	30402	99/04
C	99527	70355	23184	92511	93454	22012	9////	00500	89/02	/////	0//12	11146	30504	/////
D	99440	70411	23184	62012	98022	30422	25551	00000	82725	85357	0//21	12225	30503	99/03
E	99349	70479	23184	71011	98151	27526	33563	00805	83925	83362	0//23	12600	30302	07503
I	99589	70193	23184	82812	97022	17113	854//	00103	88615	/////	00011	11291	30301	24003
J	99526	70200	23184	82818	96025	26315	872//	00702	87703	/////	05015	11543	30704	22803
K	99460	70140	23184	80435	96022	21915	884//	00103	84813	88620	0//15	11725	31014	/////
M	99661	10021	23184	42216	97025	21010	36481	00000	83715	/////	00109	11058	30304	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


TWILIGHT (Mid-August)
HIGH
LOW
Whitehorse
Fairbanks
Kotzebue
Nižnie KrestY
Zyrjanka
Ojmjakon
Lokšak
Barrow
Inuvik
Fort Simpson
Fort Nelson
Watson Lake
Calgary
Edmonton
Spokane
Prince George
Grand Junction
Billings
Rapid City
Bismarck
Fort Smith
Island Falls
Winnipeg
Omaha
Kansas City
Minneapolis
Dodge City
San Antonio
Fort Worth
Lake Charles
Little Rock
Jackson
St. Louis
Chicago
Nashville
Montgomery
Columbus
Detroit
Pittsburgh
Washington
Norfolk
Charleston
Jacksonville
Augusta
Atlanta
Boothville
Midland
Monclova
Chihuahua
El Paso
Coppermine
Sachs Harbour
Mould Bay
Resolute Bay
Isachsen
Eureka
Arctic Bay
Alert
Churchill
Baker Lake
Chesterfield
Winisk
Moosonee
Nottingham Island
Fort Harrison
Lyde
Upernavik
Cape Dyer
Fort Chimo
Resolution
Nitchequon
Ottawa
Montreal
Toronto
Caribou
Antigonish
Goose
Yarmouth
Stephenville
Sable Island
Gander
Cape Race
Bermuda
Frederikshab
Godthab
Angmagssalik
Prins Christian Sund
Kap Tobin
Aputiteq
Danmarkshavn
Nord
Daneborg
Jan Mayen
Tromsø
Bodø
Narvik
Thorshavn
Lerwick
Stornoway
Glasgow
Belfast
Holyhead
Manchester
Valentia
Scilly
London
Bruxelles
Paris
Tours
Cherbourg
Brest
Oslo
Stockholm
Helsinki
Ostersund
Ona
Mordoyan
Vaasa
Kajaani
Ostrov Kotel'nyj
Ostrov Čeljuskin
Ostrov Uedineniya
Ostrov Sverdlova
Russkaja Gavan'
Mare-Sale
Tarko-Sale
Aleksandrovskoe
Verhne-Imbatskoe
Dikson Ostrov
Malye Karmakuly
Hanty-Mansijsk
Tobseda
Ivdel'
Turinsk
Cil'ma
Ust'-Judoma
Jakutsk
Viljujsk
Verchojansk
Kazač'e
Čokurdah
Olenek
Tiksi
Erbogačen
Muhtuja
Murmansk
Kandalaksa
Kem'
Archangel'sk
Onega
Belomorsk
Petrozavodsk
Vologda
Gorkij
Sancursk
Bugul'ma
Perm'
Penza
Moskva
Kamyšin
Bogučar
Kursk
Minsk
Kiev
Rostov-na-Donu
Tuapse
Simferopol
Odessa
Warszawa
Gdańsk
Berlin
Hannover
Köln
Wien
Czestochowa
Lodz
Poznań
Frankfurt
Zagreb
Beograd
Sofia
Skopje
Bucuresti
Istanbul
Sulina
Inebolu
Sutu Mare
Venezia
Milano
Genova
Ancona
Roma
Brindisi
Ajaccio
Napoli
Messina
Athinai
Heraklion
Rodos
Larissa
Matruh
Mersa Matruh
El Adem
Benina
Gialo
Kufra
Gabes
Tunis
Malta
Cagliari
Palma
Barcelona
Mahón
Alicante
Madrid
Porto
La Coruña
Lisboa
Gibraltar
Casablanca
Agadir
Funchal
Tenerife
Laghouat
Béchar
Ouargla
Oran
Alger
Tamanrasset
Nouakchott
Dakar
Bathurst
Conakry
Freetown
Monrovia
Abidjan
Accra
Lagos
Port Harcourt
Douala
Libreville
Pointe Noire
Brazzaville
Luanda
Lobito
Windhoek
Walvis Bay
Upington
Cape Town
Port Elizabeth
East London
Durban
Lourenço Marques
Beira
Salisbury
Bulawayo
Francistown
Johannesburg
Pretoria
Bloemfontein
Kimberley
Port Nolloth
Walvis Bay
Tristan da Cunha
Gough Island
Ascension
Belém
Fortaleza
Natal
Recife
Maceió
Salvador
Vitória
Rio de Janeiro
São Paulo
Curitiba
Florianópolis
Porto Alegre
Montevideo
Buenos Aires
Bahia Blanca
Comodoro Rivadavia
Rio Gallegos
Ushuaia
Puerto Montt
Valdivia
Concepción
Santiago
Antofagasta
Arica
Iquique
Lima
Callao
Trujillo
Talara
Guayaquil
Quito
Bogotá
Cali
Medellín
Barranquilla
Maracaibo
Caracas
Valencia
Ciudad Bolívar
Boa Vista
Manaus
Belém
Fortaleza
Natal
Recife
Maceió
Salvador
Vitória
Rio de Janeiro
São Paulo
Curitiba
Florianópolis
Porto Alegre
Montevideo
Buenos Aires
Bahia Blanca
Comodoro Rivadavia
Rio Gallegos
Ushuaia
Puerto Montt
Valdivia
Concepción
Santiago
Antofagasta
Arica
Iquique
Lima
Callao
Trujillo
Talara
Guayaquil
Quito
Bogotá
Cali
Medellín
Barranquilla
Maracaibo
Caracas
Valencia
Ciudad Bolívar
Boa Vista
Manaus
O.W.S.
Corvo
Lajes
Ponta Delgada
Terceira
Santa Maria
Flores
Horta
Graciosa
Pico
São Miguel
Santa Maria
Ilhéu de Vila Franca
Ilhéu de Baixo
Ilhéu de Cima
Ilhéu de Fora
Ilhéu de Dentro
Ilhéu de Meio
Ilhéu de Sul
Ilhéu de Norte
Ilhéu de Leste
Ilhéu de Oeste
Ilhéu de Centro

18h of 23 AUGUST 1971

Mean Sea Surface Isotherms

00h of 24 AUGUST 1971

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

06h of 24 AUGUST 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 24 August 1971

The large anticyclone north of the Azores receded a little southwest with little change of intensity while the high over Swedan moved southeast into the south Baltic. A rather slack pressure gradient persisted over most of the British Isles. Pressure remained relatively low over southern Europe and a depression developed over western Iberia. During the next 24 hours little change is expected in the pressure distribution with a slack pressure gradient over most of Britain.

Code FM 11.D **OBSERVATIONS at 00h.** 24 August 1971

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	20000	37051	20917	00901	13106	82075		
Hurn	862	00000	18101	20814	00900	14005			
Thorney Island	871	20506	23101	20815	25700	15106	82656		
Manston	797	72502	13104	21015	755//	15108	87622		
Gatwick	776	80000	20101	20814	856//	14007	88640		
Kew	775								
Heathrow	772	50205	26051	21216	35501	14207	83625	83075	
Honington	586	80502	32206	20915	862//	15209	88703		
Wattisham	590	80102	19102	20915	860//	15207	83701	88702	
Gorleston	497	80710	12502	20617	861//	17105	88702		
Aberporth	502	93402	03474	22114	9////	14207	89/01		
Ross-on-Wye	627								
Filton	628	70000	26051	21417	4563/	15206	84640	87362	
Rhoose	715	50000	50041	21115	55500	14005	85622		
Chivenor	707	90000	00478	21115	9////	15205	89///		
Mount Batten	827	50000	48102	20815	26401	15000	82715	85075	
St. Mawgan	817	90000	04471	21214	9////	14103	89/00		
Scilly	804	90403	08454	21315	9////	15202	89/00		
Culdrose	809	50000	20102	20914	58400	14104	81816	84630	
Guernsey	894	00202	04464	20614	00900	14103			
Elmdon	534	80101	22051	21616	854//	15105	82618	84625	88650
Cardington	559	82802	18102	21316	863//	15205	88707		
Wittering	462	80305	11206	21115	861//	15105	88702		
Watnall	354	80405	07465	21915	870//	14205	88701		
Shawbury	414	80603	23042	22116	855//	14108	83620	88640	
Finningley	360	80403	12505	22215	861//	15103	88702		
Kilnsea	396	80815	66025	21915	3632/	14207	83708	88460	
Leeming	257	83502	40105	23115	854//	14104	83710	84712	88624
Tynemouth	262	81206	61022	23815	855//	14207	88625		
Carlisle	222	70807	56042	22616	755//	14209	87629		
Valley	302	80000	32102	22214	860//	13207	85701	88702	
Ringway	334	80204	40215	22016	854//	14207	83714	83622	88650
Squires Gate	318	80000	30216	22315	853//	15105	84709	88635	
Ronaldsway	204	80000	57042	22116	862//	14106	81704	85706	88707
Mull of Galloway	131	80209	48052	21615	864//	14106	88715		
Eskdalemuir	162	80802	48052	23015	854//	13105	85710	88620	
Prestwick	135	80000	35202	22315	854//	15105	82615	85624	88643
Abbotsinch	140	80506	35042	22616	6637/	15304	86706	88360	
Leuchars	171	81105	60105	23514	863//	14104	88708		
Dyce	091	81708	60052	24314	863//	13202	86706	88708	
Lerwick	005	81812	62022	23012	863//	12805	88708		
Wick	075	81708	56102	22714	863//	13102	88706		
Sule Skerry	010	80000	58209	21913	864//	12702	88710		
Cape Wrath	049	92302	02474	22112	9////	12400	89/00		
Stornoway	026	80000	60026	22612	1552/	11602	81625	88460	
Benbecula	022	83306	66032	22812	853//	11400	82707	85711	88625
Tiree	100	83606	81036	22513	854//	12202	82710	88619	
Aldergrove	917	83505	30106	22913	861//	13103	82702	86703	88709
Malin	980	83506	75216	22913	864//	12102	82712	86717	88650
Belmullet	976	13502	80011	24009	11502	08802	81821		
Birr	965	83302	24515	23413	872//	13207	88704		
Dublin	969	83301	66025	22614	862//	13104	81704	85706	88620
Shannon	962	83405	75022	23514	855//	12204	88625		
Roches Point	952	83506	62022	22815	854//	13103	82710	88626	
Valentia	953	80000	75022	23714	864//	13400	85718	88625	

OBSERVATIONS at 06h. 24 August 1971

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	70000	16401	21514	756//	13305	87633		
862	23002	12100	21612	20970	12207	82359		
871	70202	14101	21414	756//	14207	82635	86657	
797	80000	20102	21316	852//	15306	82703	85704	88623
776	70000	18104	21115	755//	14304	87620		
775	80000	17054	21416	854//	15308	88618		
772	83302	14102	21515	855//	14306	88621		
586	90000	02476	21316	9////	16205	89/00		
590	80502	03466	21515	860//	15207	88700		
497	80910	16102	21417	864//	17208	88710		
502	93302	01474	22014	9////	14304	89/01		
627	70000	13042	21715	756//	14204	87630		
628	80502	17052	22016	856//	14307	88635		
715	10606	22101	21413	10930	13207	81360		
707	00000	04424	21313	00900	13304			
827	20000	09461	21213	10930	13304	82365		
817	71007	32104	21015	757//	14303	87656		
804	90000	02474	20915	9////	15400	89/00		
809	90000	00474	21013	9////	13301	89/00		
894	00505	10414	20915	00900	15308			
534	80305	13516	21915	870//	15306	88701		
559	80503	15206	21715	861//	15307	88702		
462	80302	03424	21515	860//	15305	88701		
354	80401	05514	22115	870//	14305	88701		
414	80000	22216	22115	874//	14304	88712		
360	80302	13584	22215	860//	15304	85701	88702	
396	80909	57022	22115	6642/	15205	86710	88460	
257	83605	17205	23115	851//	15301	84702	84710	88625
262	80000	32505	23814	863//	14400	88708		
222	70905	60022	23115	5557/	14304	85628	87358	
302	90000	05434	22413	9////	13305	89///		
334	70202	35046	22315	755//	14303	87626		
318	80806	58102	22615	6567/	15304	86630	88360	
204	81002	30045	22615	852//	13306	83705	83713	88625
131	91108	07474	22415	9////	14205	89///		
162	70102	48052	23613	754//	12304	82714	87628	
135	70000	30102	22615	757//	14305	87650		
140	80502	30106	22715	854//	15304	81712	88617	
171	60000	56101	23712	661//	11303	86702		
091	81704	40502	24114	862//	13201	81703	86704	88705
005	82017	59022	21713	3537/	11708	81708	83630	88465
075	71707	58052	21913	45638	13500	84645	86360	87270
010	80000	64022	21812	3647/	12400	83710	88460	
049	82302	66014	22011	864//	11202	88710		
026	80000	58102	22512	6532/	11400	81706	86613	88460
022	32104	83011	22410	15431	08603	81618		
100	83305	63505	22613	853//	12302	81707	84710	88618
917	83504	40102	22813	862//	12303	88703		
980	80103	70026	23113	864//	12204	87710	88640	
976	60000	75031	24010	656//	09303	86643		
965	80000	48105	23313	863//	12500	88707		
969	83001	59102	22914	863//	13206	84706	88710	
962	83507	75022	23113	854//	11400	83712	88620	
952	83406	60022	22714	864//	13302	88712		
953	80000	80022	23014	854//	13500	82718	88630	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00131	09	+	jf
862	00111	08	+	+
871	00130	10	+	+
797	00131	10	if	+
776	00131	11	if	+
775	00130	09	fFff	+
772	00151	11	+	+
586	95151	15	$d_o r_o d_o$dr	$d_o r_o d_o d_o$ff
590	91141	11	fd_o	$d_o d_o r_o$ff
497	93162	15	d_o	+
502	97141	14	ff	ff f d_o
627	00151	11	+	+
628	00150	13	+	+
715	92131	09	+	+
707	91131	12	pr$_o$FF	FFf
827	00130	09	+	if
817	00131	10	FFff	+
804	00151	15	ff	ff
809	97131	10	+	FFif
894	00140	11	ff	if
534	93151	14	r_o-d_o	$d_o r_o d_o d_o$dd
559	93151	14	$d_o d_o d_o r_o$	$d_o r_o d_o d_o$
462	92151	15	$r_o d_o d_o$f	fffd$_o$
354	91141	15	$d_o d_o$ff	$d_o d_o$dff
414	97150	11	$d_o r_o$	$d_o r_o d_o r_o$
360	96151	15	$d_o d_o$ff	$d_o d_o d_o r_o d_o r_o$f
396	97140		+	ir_o
257	93151	14	id_o	id_o
262	01141	13	dd	$d_o d_o id_o$
222	00151	14	+	+
302	00130	13	f	ff
334	97151	14	$r_o d_o r_o$	$d_o r_o$
318	92141	13	$r_o r_o$r	+
204	97140	14	$d_o d_o$	$d_o d_o$
131	00130			
162	00131	13	+	+
135	97151	13	id_o	+
140	97151	14	$id_o id_o r_o$	$id_o r_o$
171	97111	07	d_o	+
091	97131	12	+	d_o
005	97121	12	+	id_o
075	00130	13	+	+
010	00110	10		
049	00111	10	FF	FF
026	00110	11	+	+
022	00090	04	+	+
100	97130	12	r_o	id_o
917	97121	12	+	d_o
980	97131	12		
976	97071	03		
965	92131	13		
969	91141	13		
962	97131	13		
952	00140	14		
953	97131	13		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70329	24004	82314	97036	11008	864//	00612	88710	/////	0//07	11014	30202	21804
B	99564	70507	24004	82720	96104	13708	863//	00216	88707	/////	0//08	10843	30604	/////
C	99527	70355	24004	92512	92455	23313	9////	00206	89/02	/////	0//12	11180	30703	/////
D	99440	70410	24004	22010	98016	31222	25400	00108	82610	/////	0//21	12210	30402	99/04
E	99350	70480	24003	20915	98010	27825	24500	00206	82625	/////	0//22	12602	30403	/////
I	99589	70191	24004	82505	97205	17512	863//	00000	88707	/////	00111	11315	30201	24903
J	99525	70200	24004	82512	95585	26215	872//	00500	88703	/////	05015	11543	30704	33702
K	99454	70148	24004	70124	97012	22716	784//	00806	82816	87650	0//13	11701	31205	/////
M	99661	10022	24004	82015	97021	18609	864//	00721	88715	/////	05208	11076	30303	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70328	24064	82213	96216	05609	6732/	00725	86708	87535	0//08	10981	30302	21805
B	99559	70508	24064	83613	97022	16207	854//	42108	88615	/////	0//06	10856	30302	28604
C	99527	70355	24064	92310	93454	21712	9////	00714	89/02	/////	0//12	11186	30603	/////
D	99442	70411	24064	82408	97216	31222	853//	00000	88610	/////	0//21	12144	30402	99/04
E	99350	70480	24063	10910	98020	27225	14500	00710	81625	/////	0//22	12603	30503	/////
I	99590	70191	24064	82505	97025	16512	854//	00602	88615	/////	05111	11307	30201	24903
J	99525	70203	24064	82413	97206	23215	873//	00615	85708	88711	00015	11524	30704	28805
K	99453	70148	24064	80127	97012	19916	856//	00609	88630	/////	0//13	11690	31205	/////
M	99660	10020	24064	82016	97026	14510	864//	51720	88719	/////	05109	11085	30203	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40088

Date of Issue Wednesday 25 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 24 August 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CM_CH$	T_dT_dapp	$8N_Ch_Ch_h$	$8N_Ch_Ch_h$	$8N_Ch_Ch_h$
Boscombe Down	746	70607	48051	22018	784//	15000	83712	86820	87645
Hurn	862	71503	30051	22020	755//	16802	82625	87640	
Thorney Island	871	80907	56051	21820	885//	14801	83823	88640	
Manston	797	40407	58011	22320	48400	16000	84815		
Gatwick	776	71106	56052	22119	785//	14002	81824	87645	
Kew	775	80605	28052	22219	6551/	14102	82620	86656	88460
Heathrow	772	80806	50052	22519	884//	15103	84817	88640	
Honington	586	71209	44215	23019	784//	16003	86816	87640	
Wattisham	590	71208	50054	22719	754//	16003	84710	85620	87645
Gorleston	497	01010	56051	23817	00900	15207			
Aberporth	502	83405	12285	22615	860//	15703	88701		
Ross-on-Wye	627	50606	58041	22120	21501	15801	82820	83075	
Filton	628	40110	59051	22420	41500	16802	84820		
Rhoose	715	00710	36041	22120	00900	16502			
Chivenor	707	32203	38054	21323	38400	17807	82818		
Mount Batten	827	42305	37054	21319	48500	16805	81820	83645	
St. Mawgan	817	60000	40051	21421	68500	16802	85820		
Scilly	804	90803	02454	21616	9////	16801	89/00		
Culdrose	809	21106	34054	21319	20930	16001	82362		
Guernsey	894	00710	50054	20720	00900	16804			
Elmdon	534	80202	59025	22918	853//	15001	82709	85612	88650
Cardington	559	80306	59052	22719	863//	15500	83707	85712	88717
Wittering	462	70705	56015	22819	754//	16000	85710	87635	
Watnall	354	70805	48055	23418	754//	16104	83710	87645	
Shawbury	414	80903	56042	22918	884//	15001	83814	88630	
Finningley	360	71603	50046	23519	753//	17000	85708	87640	
Kilnsea	396	81214	58026	23915	8097/	14103	88360		
Leeming	257	81202	56046	24217	853//	16001	83706	85710	88625
Tynemouth	262	81508	48105	24616	855//	15101	88620		
Carlisle	222	71002	61012	23519	755//	15801	82625	86633	86650
Valley	302	82502	50054	22917	763//	15802	82708	85709	87711
Ringway	334	80000	50206	23317	852//	15500	83704	84709	88612
Squires Gate	318	80907	65032	23219	6547/	17802	84712	85635	88460
Ronaldsway	204	71005	58042	23517	784//	14000	81714	83622	87656
Mull of Galloway	131	81107	48052	23617	863//	15103	88708		
Eskdalemuir	162	81302	66032	23817	885//	13702	85822	88650	
Prestwick	135	80000	50042	23418	884//	15802	81814	84618	88650
Abbotsinch	140	80306	45052	23618	855//	15801	83620	88650	
Leuchars	171	60809	66052	24218	65200	15803	81705	83708	86650
Dyce	091	71814	66055	24119	48401	14804	81818	83656	85070
Lerwick	005	81812	48105	22213	7617/	13000	82702	85705	88457
Wick	075	80704	65052	23014	853//	12000	81706	83710	88635
Sule Skerry	010	32305	74011	22814	35500	12202	83620		
Cape Wrath	049	52303	74012	22713	35405	12400	81710	83620	85070
Stornoway	026	11611	84021	22716	00901	12803	81070		
Benbecula	022	32211	88020	23016	15601	11803	81635	83075	
Tiree	100	72201	74015	23415	754//	11500	81712	87622	
Aldergrove	917	80102	12515	23414	860//	14000	83700	88702	
Malin	980	70404	75032	23815	754//	12000	83715	87640	
Belmullet	976	11804	86011	23817	18402	11704	81718		
Birr	965	83301	75022	23715	864//	13706	85714	88632	
Dublin	969	83502	60102	23216	863//	13805	83709	88711	
Shannon	962	80901	75022	23117	854//	14708	82713	85624	88650
Roches Point	952	81802	60102	23016	864//	14703	87712	88628	
Valentia	953	80303	80022	22916	855//	12806	81720	88630	

OBSERVATIONS at 18h. 24 August 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CM_CH$	T_dT_dapp	$8N_Ch_Ch_h$	$8N_Ch_Ch_h$	$8N_Ch_Ch_h$
746	60704	40052	20619	65600	14705	86645		
862	21002	30051	20719	25600	16707	82640		
871	22201	40051	20619	24500	16605	81628		
797	00615	56051	21318	00900	14704			
776	70707	50052	21019	785//	15603	81820	87645	
775	30809	56058	21419	18530	09501	81820		
772	30812	56211	21320	38500	13503	81824	83645	
586	01008	69021	22819	00900	09400			
590	00909	61011	22519	00900	12602			
497	00918	60020	23317	00900	14805			
502	83506	04464	21615	860//	14602	88701		
627	40603	60011	20820	45600	16604	84635		
628	20606	64051	20920	25600	15707	81640		
715	10910	61020	20619	12500	15604	81820		
707	00705	59058	20122	00900	15605			
827	31307	37050	20120	22530	16502	82820		
817	71705	28058	20020	4253/	15705	84820	86358	
804	00405	16054	20117	00900	16708			
809	40601	24050	20119	22430	16705	82818		
894	00611	35050	19417	00900	15605			
534	71305	60022	21620	784//	15703	81818	85623	86650
559	11105	59058	21919	15630	14501	81645		
462	11304	56046	22020	18500	14504	81825		
354	81105	56052	22419	854//	16702	82715	88650	
414	11103	58041	21621	18500	15604	81820		
360	21602	56041	22620	28500	17602	81828		
396	21220	60030	23816	20970	14301	82360		
257	81303	56602	22919	854//	17606	87617	88650	
262	81508	32102	23815	5561/	14603	85635	88459	
222	80000	56052	22320	885//	16703	81820	85625	88642
302	80807	28051	22017	862//	15703	88705		
334	70000	56046	22019	755//	15504	81625	87650	
318	71303	57042	22320	756//	16603	83635	86656	
204	10804	61011	22517	11400	14606	81818		
131	70000	63014	22517	756//	14705	87645		
162	70000	61212	22717	784//	15704	82712	83820	86645
135	80102	28505	22816	852//	15703	81703	84622	88645
140	80505	33056	22718	854//	15704	81715	86624	88642
171	80708	58052	23315	856//	14803	88645		
091	11711	62051	23217	15400	14707	81710		
005	82105	80032	21613	852//	11707	82705	88630	
075	71502	58052	21615	7553/	13707	81625	87640	
010	62305	74031	21514	25506	13707	82620	86070	
049	52303	81031	21513	12545	13705	81820	84360	85070
026	21811	86010	21615	25630	12805	82635		
022	12112	87011	21815	15430	12707	81616		
100	72506	82031	22814	7095/	11603	87362		
917	80302	14205	22715	861//	15802	82702	85705	88706
980	80703	80022	23014	864//	12804	84716	88640	
976	43502	86031	22815	18502	11706	81820	83070	
965	80000	64022	22716	864//	14703	85717	88633	
969	81003	30101	22615	861//	14602	83702	86704	86706
962	80402	74505	22217	864//	14704	83715	88723	
952	11404	56100	21816	11400	15606	81817		
953	70000	82022	22116	756//	13703	87640		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00201	020	+	+
862	00211	013	+	+
871	97210	008	+	ro
797	00210		+	+
776	00221	007	+	+
775	97210	011	+	pro
772	97221	004	+	ro
586	97221		do-doro	+
590	00211	065	+	+
497	00180	097	+	+
502	97161	000	doFFff	fFFF
627	00230	029	+	+
628	00210	044	+	+
715	00220	091	+	+
707	97241	040	pro	+
827	00230	064	+	+
817	97221	030	pro	+
804	00200	048	ff	ff
809	00210	049	+	+
894	00200	108	+	+
534	00210	005	+	+
559	97201	000	pro	ro
462	97200	013	doro	+
354	00200	000	+	+
414	00210	020	+	+
360	97211	001	doro	+
396	00170	062	+	+
257	91191	000	doro	iro
262	00161	008	+	+
222	00211	004	+	+
302	00200	039	+	if
334	95191	001	rodrdo	ro
318	00210	009	+	+
204	00190	009	+	+
131	00170			
162	91181	000	+	ro
135	97191	000	idododo	ido
140	97191	000	+	irodo
171	00180	008	+	fif
091	00190	108	+	+
005	97130	000	+	ro
075	00180	006	+	+
010	00160			
049	00141	060	+	+
026	00170	085	+	+
022	00170	117	+	+
100	00170	040	+	+
917	92161	000	do-dodo	dofdodo
980	0015	002		
976	0018	118		
965	9117	000		
969	0018	012		
962	9717	000		
952	0017	022		
953	0018	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

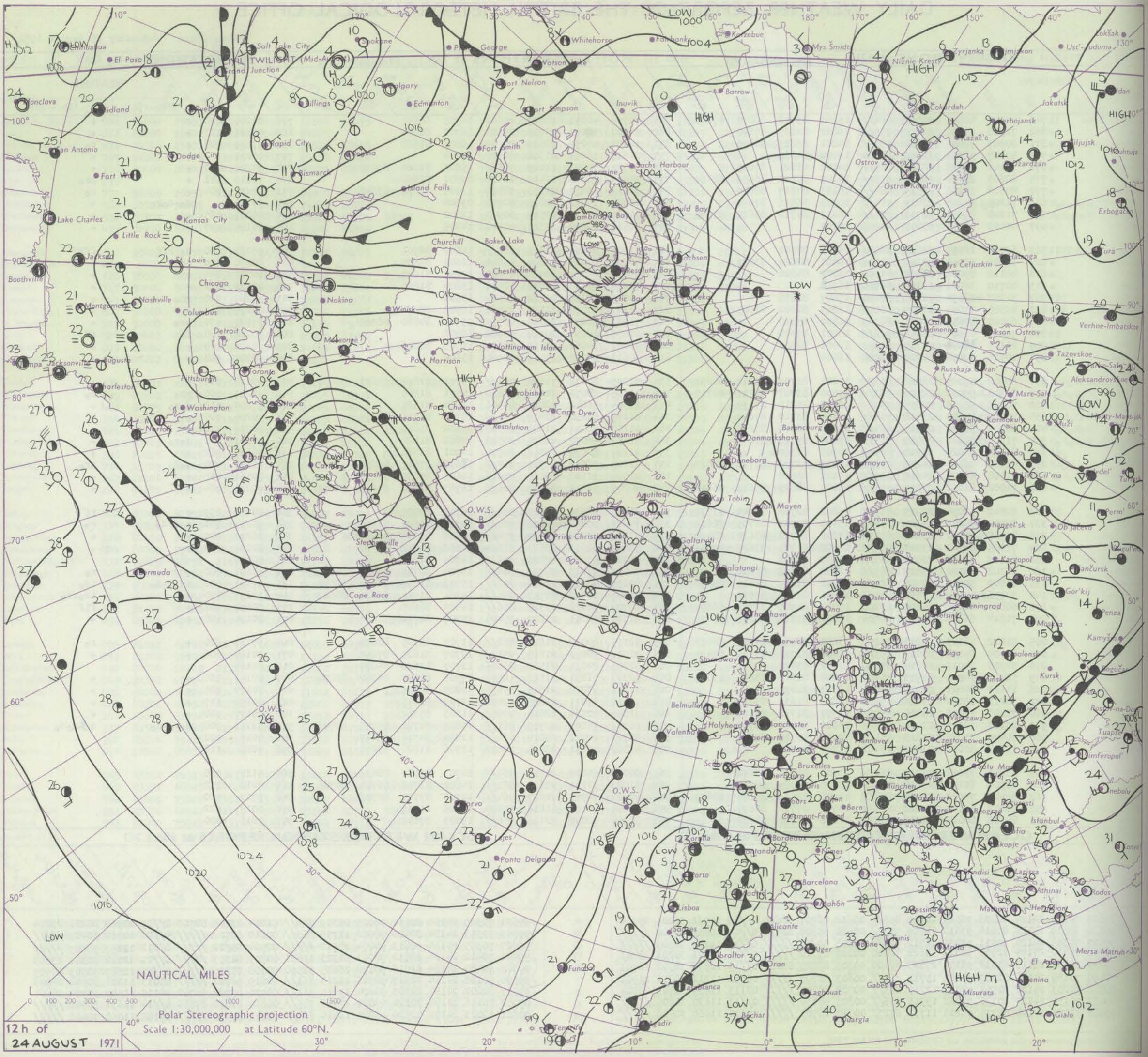
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_lh_CM_CH$	D_sv_sapp	$8N_Ch_Ch_h$	$8N_Ch_Ch_h$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70327	24124	82308	96519	02110	853//	00612	86707	88625	0//10	10961	30201	23905
B	99556	70510	24124	80514	97612	14507	5732/	00620	85808	88530	0//07	10859	30302	/////
C	99527	70355	24124	92511	93434	21712	9////	00803	89/03	/////	0//12	11208	30503	/////
D	99442	70410	24124	72508	98022	32622	76400	00106	87710	/////	0//21	12221	30301	23703
E	99349	70480	24123	61012	98151	27825	64500	00305	82825	85656	0//19	12566	30302	12703
I	99590	70189	24124	82207	97025	15713	863//	00803	88707	/////	00012	11311	30301	24903
J	99526	70203	24124	82308	97012	22215	863//	00708	88707	/////	00115	11539	30703	28804
K	99452	70154	24124	80120	97022	19916	856//	00803	88630	/////	0//13	11630	31005	/////
M	99660	10021	24124	82324	96206	11711	6727/	00713	86705	/////	00110	11060	30406	/////

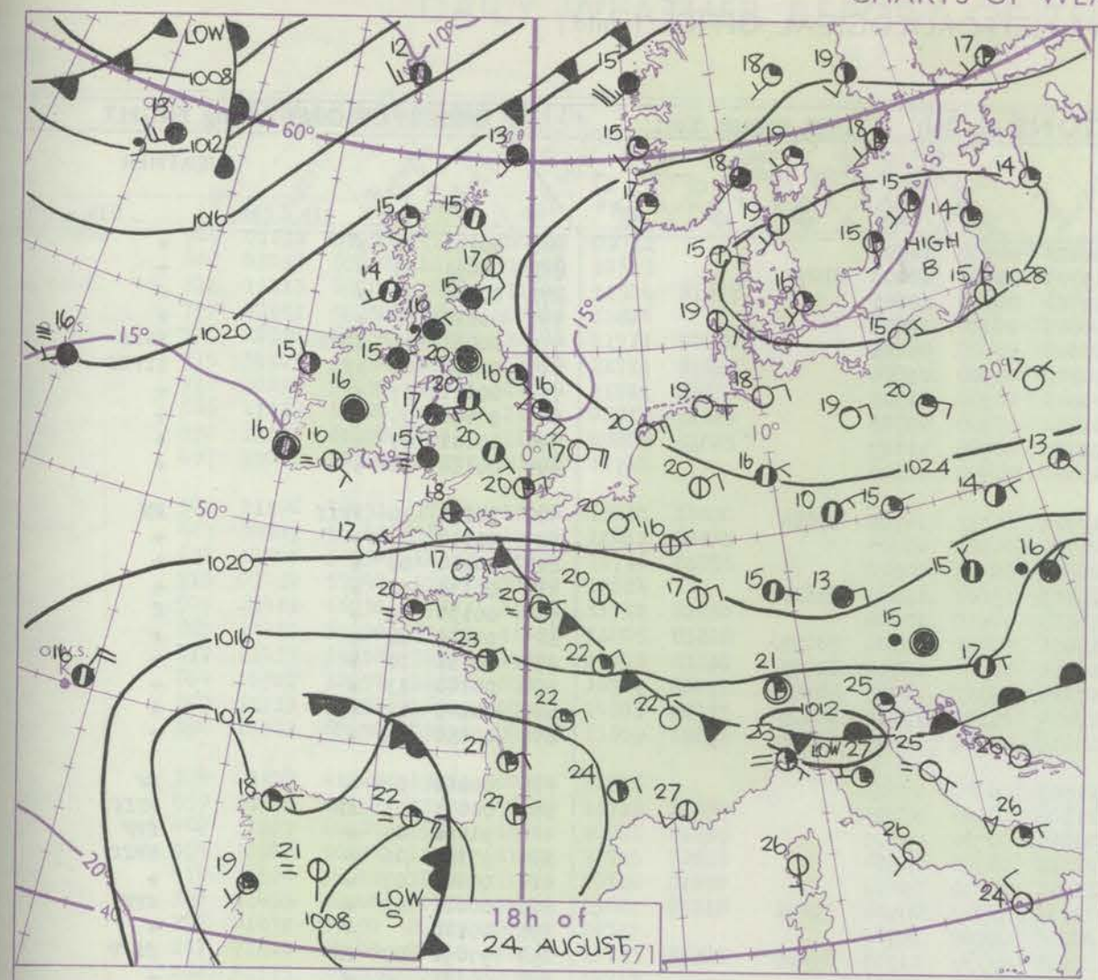
OCEAN WEATHER STATION REPORTS at 18h.

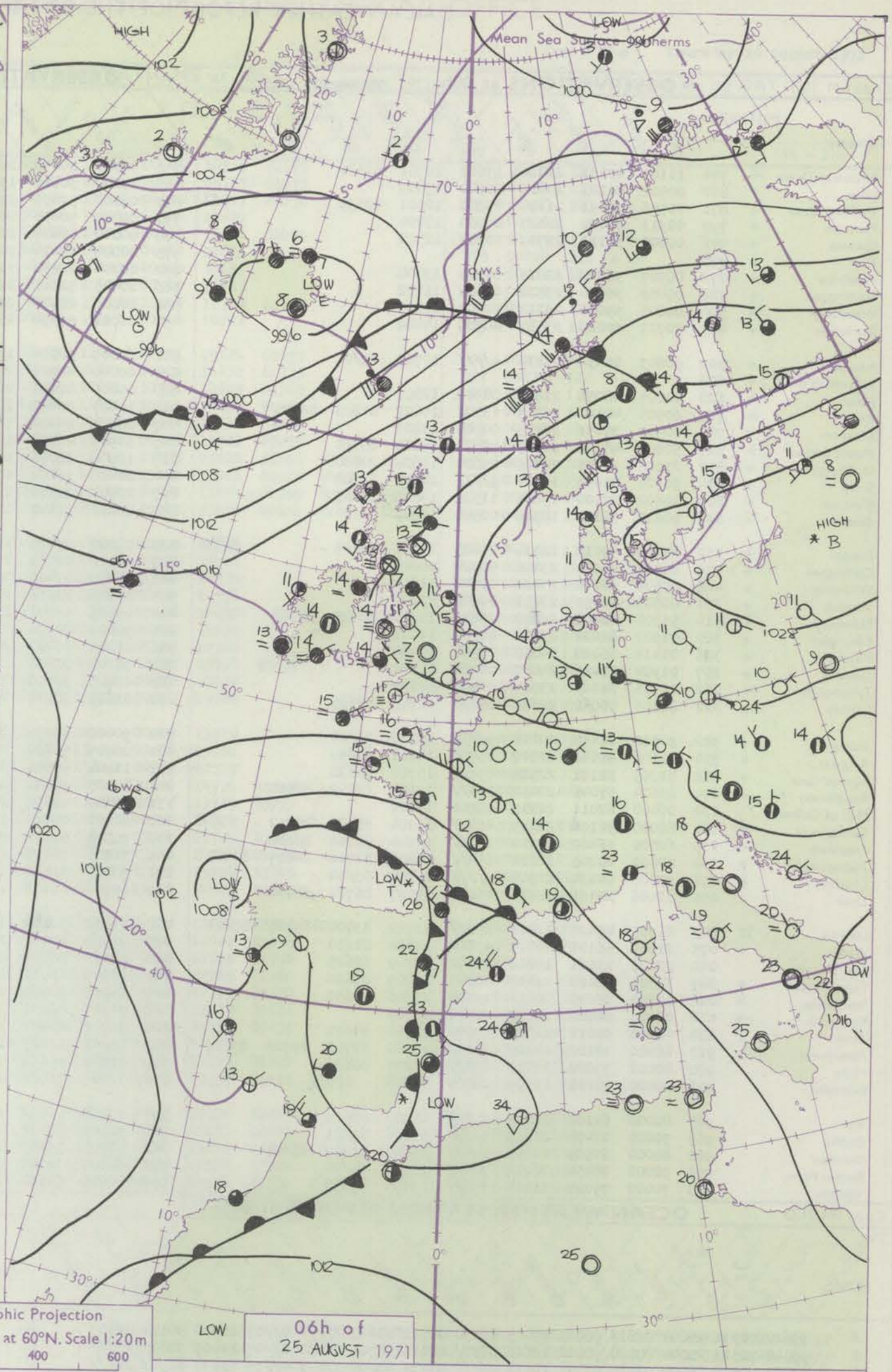
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_lh_CM_CH$	D_sv_sapp	$8N_Ch_Ch_h$	$8N_Ch_Ch_h$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70329	24184	82610	96025	01309	862//	51804	83704	88708	0//09	10968	30201	23804
B	99549	70513	24184	80420	98026	11709	863//	00610	88708	/////	0//08	10780	30403	/////
C	99527	70355	24184	92413	94474	20512	/////	00504	89/02	/////	0//12	11199	30503	/////
D	99441	70412	24184	12512	98021	31723	10831	00805	81357	/////	0//21	12182	30301	23603
E	99349	70480	24184	61016	98158	26625	52560	00708	85825	/////	0//22	12585	30503	07705
I	99590	70188	24184	82317	94516	11213	861//	00619	88702	/////	00013	11301	30502	24903
J	99527	70202	24184	82303	94424	19815	861//	00720	85702	88702	00115	11549	30704	28804
K	99453	70156	24184	70122	97021	17416	785//	00610	81820	87650	0//14	11631	30906	/////
M	99661	10023	24184	72520	97025	13010	764//	00212	87710	/////	05108	11050	30406	/////

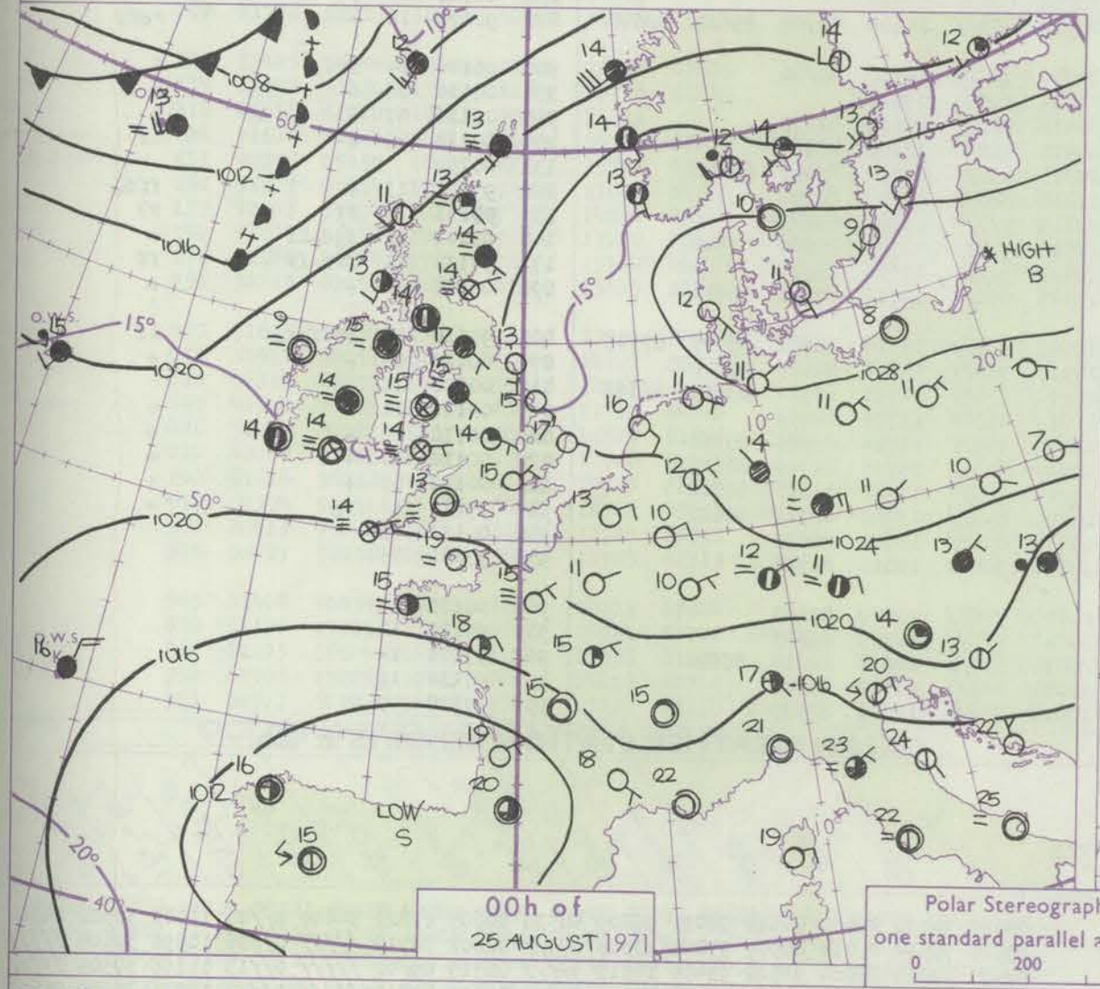
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Edmonton
Calgary
Spokane
Billings
Rapid City
Bismarck
Winnipeg
Minneapolis
Kansas City
St. Louis
Chicago
Nashville
Columbus
Detroit
Pittsburgh
Washington
New York
Boston
Cape Race
Sable Island
Bermuda
Churchill
Baker Lake
Coral Harbour
Nottingham Island
Port Harrison
Resolution
Cape Dyer
Frobisher
Inuvik
Barrow
Sachs Harbour
Resolute Bay
Eureka
Alert
Thule
Clyde
Danmarkshavn
Barencburg
Jan Mayen
Keflavik
Prins Christian Sund
Godthab
Frederikshab
Angmagssalik
Julianehab
Narssarssuaq
Galatangi
Stornoway
Belmullet
Holyhead
Glasgow
Valentia
Shannon
Lerwick
Oslo
Stockholm
Riga
Helsinki
Leningrad
Murmansk
Archangel'sk
Ostrov Dikson
Ostrov Kotel'nyj
Ostrov Čeljuskin
Nižnie Kresty
Čokurdah
Kazač'e
Ostrov Vrangelja
Jakutsk
Olenek
Verhne-Imbatskoe
Aleksandrovskoe
Mare-Sale
Tazovskoe
Russkaja
Malye Karmakuly
Ust'-Cil'ma
Ust'-Kut
Irkutsk
Bratsk
Ust'-Udoma
Tynda
Skovorodino
Komsomol'sk
Khabarovsk
Nikolajevsk
Petropavlovsk
Magadan
Anadyr'
Provideniya
Nome
Kotzebue
Fairbanks
Whitehorse
Mys Šmidta
Zyrjanka
Omsukon
Oymjakon
Verchojansk
Ojmjakon
Tiksi
Mys Čeljuskin
Dikson
Igarka
Turuhansk
Jenisejsk
Kureyka
Tura
Erbogačen
Kirensk
Olekminsk
Yakutsk
Aldan
Ust'-Maja
Ust'-Nera
Zyrjanka
Omsukon
Oymjakon
Verchojansk
Ojmjakon
Tiksi
Mys Čeljuskin
Dikson
Igarka
Turuhansk
Jenisejsk
Kureyka
Tura
Erbogačen
Kirensk
Olekminsk
Yakutsk
Aldan
Ust'-Maja
Ust'-Nera
Tynda
Skovorodino
Komsomol'sk
Khabarovsk
Nikolajevsk
Petropavlovsk
Magadan
Anadyr'
Provideniya
Nome
Kotzebue
Fairbanks
Whitehorse
Mys Šmidta







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 25 August 1971

The large anticyclones west of the Azores and over southern Scandinavia respectively have remained slow moving over the last 24 hours with small changes in central pressure. A broad ridge connecting these systems has persisted over the British Isles but a drier easterly airflow from the Continent has extended into the southeastern half of the U.K. Pressure has remained low over north Spain and has also fallen substantially over Iceland. During the next 24 hours a strengthening southwesterly gradient is expected to develop over northern districts of the U.K. as a depression over Iceland moves northeast into the Norwegian Sea, otherwise little change is expected in the pressure pattern over Britain.

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

Code FM 11.D

OBSERVATIONS at 00h. 25 August 1971

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	11107	40051	21414	15600	12701	81630		
Hurn	862	00502	40101	20914	00900	13803			
Thorney Island	871	20506	56051	21114	25600	12001	82635		
Manston	797	00911	70020	22017	00900	13704			
Gatwick	776	00000	36111	21713	00900	12502			
Kew	775								
Heathrow	772	00507	56020	22015	00900	13804			
Honington	586	00403	56020	23512	00900	11702			
Wattisham	590	00605	59020	23113	00900	11804			
Gorleston	497	00912	60020	23517	00900	14400			
Aberporth	502	90803	01454	21614	9////	14703	89/01		
Ross-on-Wye	627								
Filton	628	00604	48051	21716	00900	12801			
Rhoose	715	60505	40101	21215	15501	14802	81623	86075	
Chivenor	707	00902	37051	20715	00900	15803			
Mount Batten	827	50802	48101	20315	50930	14804	85360		
St. Mawgan	817	21004	32051	20415	25600	14604	82630		
Scilly	804	90504	01454	19714	9////	14708	89/00		
Culdrose	809	20602	40100	19815	11530	14805	81825		
Guernsey	894	00610	30100	18919	00900	14809			
Elmdon	534	21203	59011	22914	25600	11001	82645		
Cardington	559	00403	48120	23108	00900	08803			
Wittering	462	00505	48040	23413	00900	11802			
Watnall	354	00805	56051	23811	00900	09001			
Shawbury	414	51304	48041	22517	25630	15400	82630	85363	
Finningley	360	01502	62021	23812	00900	11001			
Kilnsea	396	01414	66020	24315	00900	14400			
Leeming	257	01904	59026	24013	00900	12102			
Tynemouth	262	01711	61021	23914	00900	12803			
Carlisle	222	81105	50042	22317	856//	16703	88635		
Valley	302	90000	01454	22215	9////	15400	89/00		
Ringway	334	41106	40046	22717	45700	14101	84650		
Squires Gate	318	81005	22101	22515	856//	15702	88638		
Ronaldsway	204	83604	57041	22414	853//	13603	83709	88618	
Mull of Galloway	131	00000	62011	22315	00900	14101			
Eskdalemuir	162	80000	32106	22715	863//	15704	83706	88712	
Prestwick	135	60000	16402	22314	652//	14704	83705	86640	
Abbotsinch	140	80000	20205	22116	854//	16804	82710	84617	88640
Leuchars	171	90606	04434	22514	9////	14707	89/00		
Dyce	091	81406	20101	22614	860//	14707	86701	88702	
Lerwick	005	81905	09426	19813	850//	13712	83701	85705	88621
Wick	075	21302	56101	20113	15601	12814	81630		
Sule Skerry	010	22005	81021	19813	25500	12709	82625		
Cape Wrath	049	32305	82020	19513	35540	12709	83620		
Stornoway	026	12308	86020	20411	15700	10806	81650		
Benbecula	022	02010	80020	20612	00900	12709			
Tiree	100	41908	80012	21413	45500	12712	84621		
Aldergrove	917	80000	18102	22215	851//	15705	82702	85708	87617
Malin	980	80000	75022	22013	855//	12807	88626		
Belmullet	976	00000	78111	21909	00900	08708			
Birr	965	80000	60102	22314	855//	14703	88627		
Dublin	969	90000	02474	22313	9////	13806	89/01		
Shannon	962	80000	62505	21815	854//	15805	83710	88625	
Roches Point	952	90000	08454	22014	9////	14703	89/00		
Valentia	953	70000	75022	21814	756//	13705	87635		

OBSERVATIONS at 06h. 25 August 1971

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	00911	20050	20112	00900	11505			
862	10000	30110	19709	00901	08603	81070		
871	00206	57050	19712	00900	10605			
797	00705	50050	20813	00900	12607			
776	00000	08414	20606	00900	06605			
775	00000	01424	20809	00900	09604			
772	00204	28050	20812	00900	11505			
586	00405	32100	22110	00900	09705			
590	00605	28100	21712	00900	11607			
497	01011	56050	22117	00900	12605			
502	60805	18104	19714	657//	14708	86656		
627	00000	48041	20711	00900	00705			
628	00605	40051	20712	00900	10502			
715	10407	50051	19913	15601	12503	81635		
707	00803	24284	18813	00900	13608			
827	30907	48051	18015	00902	14508	83075		
817	10906	28050	17914	00901	13712	81075		
804	80406	16104	17015	863//	14714	88708		
809	20907	22100	17814	11501	13610	81825		
894	20810	50100	16816	00902	15609	82075		
534	00000	03420	21907	00900	07604			
559	00102	00464	21808	00900	08604			
462	00305	01460	22010	00900	09609			
354	00405	01460	22611	00900	11504			
414	00806	44041	21511	00900	09604			
360	90000	00454	22708	9////	08704	89/00		
396	01004	66010	22615	00900	14708			
257	91702	00434	23111	9////	11505	89/00		
262	01708	32100	22512	00900	12614			
222	81605	38216	20917	853//	14608	82709	85620	88640
302	90000	00454	20214	9////	14708	89/00		
334	00705	58020	21811	00900	09708			
318	11208	50041	21411	00901	10605	81075		
204	30405	20041	20414	36200	13708	83704		
131	80000	48051	20315	854//	14710	85712	88640	
162	80000	04424	21015	861//	14607	88702		
135	90000	01454	20813	9////	13706	89///		
140	71805	30115	20515	753//	14706	82708	87645	
171	90000	01436	20613	9////	13606	89/00		
091	80902	14102	19914	860//	14711	87701	88702	
005	71910	30286	16913	760//	12716	83701	85703	87705
075	72002	50051	17915	755//	14712	82625	87640	
010	62113	58021	16614	3547/	12717	82710	83615	86360
049	52308	66031	16313	4634/	13716	84709		
026	61915	80030	17213	3553/	11716	83625	85358	
022	71915	82031	17614	6533/	13716	81709	86625	
100	71911	60031	19214	784//	13711	81816	86622	
917	80602	12115	20214	854//	13709	82713	88622	
980	81802	65102	19714	855//	13810	88625		
976	32004	75030	19311	38400	10811	81716		
965	70000	66012	20314	756//	13709	87633		
969	90000	02514	20712	9////	12709	89/01		
962	81203	56102	20015	854//	14608	82710	88624	
952	80503	16104	20014	861//	14512	88702		
953	80000	60102	19813	856//	12709	88635		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00121	10	+	+
862	00091	03	+	+
871	00110	07	+	+
797	00120	08	+	+
776	00061	04	1fff	ff1f
775	00080	04	1f	1ffff
772	00121	07	+	+
586	97080	05	+	+
590	00101	07	+	+
497	00160	14	+	+
502	00131	10	ffff	ff
627	00110	07	+	+
628	00110	08	+	+
715	00130	11	+	+
707	00131	09	+	f
827	00140	08	+	+
817	00131	11	+	+
804	00140	13	+	+
809	00140	12	+	+
894	00150	13	+	+
534	00060	02	+	ff
559	00051	03	ff	ffff
462	91090	05	+	fff
354	97100	06	+	ffff
414	00100	07	+	+
360	00081	07	+	fff
396	00140		+	+
257	97091	07	ff	ffff
262	00121	08	+	+
222	92171	16	+	ror_oo
302	00140	14	ff	f
334	00110	08	+	+
318	00110	09	+	+
204	00110	09	+	1f
131	00130			
162	97151	13	+	ffd_o
135	97131	11	ff	FF
140	93141	11	d_od_o1f	+
171	97131	11	ff$r_o$ff	ff
091	00140	12	+	+
005	97110	10	FFffr_o	1f
075	00120	08	+	+
010	00120	11		
049	00121	11	+	+
026	00110	06	+	+
022	00110	10	+	+
100	00110	09	+	+
917	97131	12	d_o	+
980	00131	13		
976	97081	05		
965	00130	12		
969	97121	12		
962	97141	14		
952	97130	11		
953	97120	09		

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_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	25004	22813	98025	99409	15530	00712	81625	/////	0//07	10980	30101	24703
B	99549	70513	25004	80520	98022	13608	6632/	00118	86706	88530	0//07	11009	30605	/////
C	99527	70355	25004	92415	93454	18013	9////	00711	89/02	/////	0//13	11197	30503	/////
D	99437	70410	25004	02404	98020	32521	00900	00005	/////	/////	0//19	12179	30000	24803
E	99350	70480	25003	11215	98020	27524	12500	00209	81825	/////	0//22	12589	30503	/////
I	99592	70186	25004	82321	95105	08113	862//	61714	88704	/////	00112	11262	30604	00/00
J	99526	70200	25004	82108	92515	19715	870//	41803	88701	/////	00015	11533	30704	99/04
K	99452	70160	25004	80122	96032	17616	863//	00400	88709	/////	0//15	11641	31005	/////
M	99660	10020	25004	72415	97508	11709	763//	00712	87708	/////	05208	11066	30202	99605

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_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	25064	53618	98031	96809	48530	00607	81822	84640	0//06	11002	30302	24804
B	99548	70514	25064	80909	97025	13308	874//	82802	88710	/////	0//06	10896	30604	/////
C	99527	70355	25064	92520	93454	14213	9////	00719	89/02	/////	0//13	11196	30504	/////
D	99438	70411	25064	22307	98030	31221	21400	00605	82815	/////	0//20	12276	30000	24803
E	99350	70480	25063	11416	98020	27224	11500	00605	81825	/////	0//22	12588	30503	/////
I	99591	70188	25064	82217	96632	01512	872//	51837	88705	/////	05012	11319	30705	00/00
J	99524	70201	25064	82408	92445	16414	860//	00717	88701	/////	05115	11539	30702	99/04
K	99451	70160	25064	83617	96022	15416	862//	00611	88706	/////	0//15	11640	31004	/////
M	99660	10020	25064	81918	95636	04710	7732/	51743	87707	/////	00010	11077	30304	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40089

Date of Issue Thursday 26 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 25 August 1971

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	01212	59050	17821	00900	09712			
Hurn	862	01012	65010	18122	00900	10609			
Thorney Island	871	11213	66020	18621	11600	11504	81837		
Manston	797	00913	50050	19418	00900	12806			
Gatwick	776	20910	60034	18822	22600	11711	82840		
Kew	775	30905	56054	18921	32500	11711	83626		
Heathrow	772	20810	56050	19021	21600	11711	82838		
Honington	586	11112	66020	20120	11500	08712	81825		
Wattisham	590	11112	61020	20019	11500	09809	81825		
Gorleston	497	01016	60020	21117	00900	11710			
Aberporth	502	11106	48051	17321	11600	13815	81830		
Ross-on-Wye	627	30607	58040	18221	31600	12817	83835		
Filton	628	10908	56050	18222	11600	11716	81835		
Rhoose	715	01010	57040	17721	00900	12814			
Chivenor	707	21413	66030	17323	21601	11712	82830		
Mount Batten	827	11110	62050	17121	11502	13805	81828		
St Mawgan	817	11417	64010	16421	11601	09708	81830		
Scilly	804	30907	32050	16218	00901	16709	83075		
Culdrose	809	31313	58050	16920	00902	14803	83075		
Guernsey	894	10712	60050	15719	00902	13609	81075		
Elmdon	534	01108	61024	19021	00900	10716			
Cardington	559	11006	61054	19321	18600	11718	81830		
Wittering	462	11207	62024	19321	11600	10721	81835		
Watnall	354	20906	56044	19920	21500	13715	82822		
Shawbury	414	11504	58040	18620	11600	10718	81830		
Finningley	360	31403	56044	20120	31400	15821	83818		
Kilnsea	396	01412	57050	20917	00900	14722			
Leeming	257	71810	40044	20915	763//	13715	87708		
Tynemouth	262	01515	58020	20115	00900	14717			
Carlisle	222	01708	62011	18022	00900	11722			
Valley	302	12405	56044	18021	11400	16715	81815		
Ringway	334	11108	65030	19121	11600	09716	81835		
Squires Gate	318	01511	62020	18823	00900	13819			
Ronaldsway	204	71106	30044	18316	752//	14715	81704	83630	87650
Mull of Galloway	131	92008	05454	18017	9////	15720	89///		
Eskdalemuir	162	51907	56054	17821	52500	15822	85828		
Prestwick	135	72803	57054	17218	754//	14724	84714	86635	
Abbotsinch	140	71805	56052	17019	754//	15828	82714	86630	
Leuchars	171	72106	56044	17620	785//	15720	84828	87645	
Dyce	091	32219	61051	16420	31500	13823	83820		
Lerwick	005	71815	32054	13514	2633/	13720	82706	87359	
Wick	075	31912	62051	14119	38500	14721	82820		
Sule Skerry	010	52319	66031	12715	555//	12727	85620		
Cape Wrath	049	42310	74031	11415	45540	13731	84620		
Stornoway	026	71924	80022	12617	5853/	12827	81820	85635	85360
Benbecula	022	42022	70011	13417	38401	12728	82816		
Tiree	100	81814	56052	15315	852//	14723	82704	85707	88622
Aldergrove	917	62304	56051	16919	684//	15722	83715	84818	
Malin	980	82013	75022	16016	864//	13724	88717		
Belmullet	976	52017	72011	15517	584//	13725	82719	83821	
Birr	965	31404	60054	17120	32500	14721	83824		
Dublin	969	81106	14105	17715	861//	14721	84702	88703	
Shannon	962	11103	59104	16819	11500	15823	81820		
Roches Point	952	80906	15285	17415	861//	14818	88702		
Valentia	953	52703	60102	16818	56400	15718	83718	83640	

OBSERVATIONS at 18h. 25 August 1971

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	21810	64020	12818	00909	10727	82175		
862	11009	65010	13119	00901	09727	81075		
871	11208	59050	13718	00901	12727	81070		
797	00712	50050	14817	00900	13630			
776	20910	61031	14119	00901	12626	82075		
775	01007	56050	14219	00900	10623			
772	01011	58020	14120	00900	10625			
586	01008	61020	15518	00900	11728			
590	11207	58030	15317	15500	11729	81625		
497	00911	60020	17017	00900	14723			
502	11406	61050	12220	00901	09624	81075		
627	10000	60020	12321	00901	10632	81075		
628	11407	61020	12621	10931	10629	81362		
715	21007	61030	12220	10931	10630	81359		
707	11407	74020	11721	00902	12626	81078		
827	71010	66051	11618	00906	12721	87275		
817	61110	69031	11519	15788	09620	81656	83360	85275
804	60907	58021	11618	25522	13706	82625	84458	
809	61111	58051	11717	30982	13614	81359	83360	85075
894	70814	58051	10618	39781	12820	83850	86075	81950
534	01407	64020	13121	00900	10733			
559	00908	59050	14219	00900	10721			
462	01308	62020	14120	00900	10730			
354	01108	59010	13720	00900	11734			
414	01905	66020	12921	00900	10833			
360	01307	62040	14120	00900	12732			
396	01419	58020	15616	00900	12728			
257	12005	58041	14621	11600	13731	81830		
262	01607	58020	14716	00900	13724			
222	02006	62020	13021	00900	09724			
302	02603	61040	12720	00900	13729			
334	01704	65010	13521	00900	09631			
318	01610	65020	13221	00900	12729			
204	10903	50041	12717	10930	14730	81362		
131	92010	03454	12114	9////	13734	89///		
162	02206	62051	12818	00900	10824			
135	11906	58051	11719	15730	11729	81656		
140	41709	58051	11619	45600	10726	84638		
171	11502	60041	11919	15600	15728	81645		
091	11718	60051	11816	15630	10827	81645		
005	71914	28104	09013	3613/	13725	83702	87359	
075	11811	56050	08618	10930	12627	81359		
010	22519	58011	06415	26400	13739	82710		
049	12316	59050	06315	10940	14729	81360		
026	51824	75031	06015	52500	12739	85820		
022	11822	70010	06316	15401	13735	81616		
100	51716	58051	08416	55600	14735	85637		
917	01807	50051	10819	00900	16727			
980	21713	65105	08819	28500	14735	81820		
976	81921	62032	08915	864//	13737	86716	88718	
965	51706	56051	10920	525//	16730	85823		
969	31502	20104	11716	35700	15731	83650		
962	62808	57051	11218	32506	15626	83626	86268	
952	81102	16102	12216	862//	15726	88704		
953	72207	40102	11817	3643/	14724	83710	86360	

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00231	127 +		+
862	00230	117 +		+
871	00220	123 +		+
797	00190	+		+
776	00221	121 +		+
775	00220	116 +		+
772	00230	112 +		+
586	00210	+		+
590	00201	126 +		+
497	00190	117 +		+
502	00230	092 +		+
627	00230	122 +		+
628	00230	117 +		+
715	00230	121 +		+
707	00240	120 +		+
827	00220	095 +		+
817	00220	104 +		+
804	00210	077 +		+
809	00200	042 +		+
894	00220	102 +		+
534	00230	117 +		+
559	00220	105 f		+
462	00220	101 +		+
354	00230	085 +		+
414	00230	123 +		+
360	00230	084 +		+
396	00170	132 +		+
257	00221	067 ff		+
262	00161	123 +		+
222	00230	106 +		+
302	00220	099 +		+
334	00220	126 +		+
318	00230	123 +		+
204	00190	069 f		+
131	00180			
162	97221	072 do		+
135	00220	051 +		+
140	00211	023 +		+
171	00231	043 +		+
091	00200	067 +		+
005	00170	008 lf		lf
075	00200	091 +		+
010	00170			
049	00161	107 +		+
026	00170	045 +		+
022	00170	057 +		+
100	00170	020 +		+
917	00211	097 +		+
980	0020	030		
976	9718	047		
965	9722	088		
969	9716	000		
962	9722	048		
952	9716	000		
953	0020	030		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

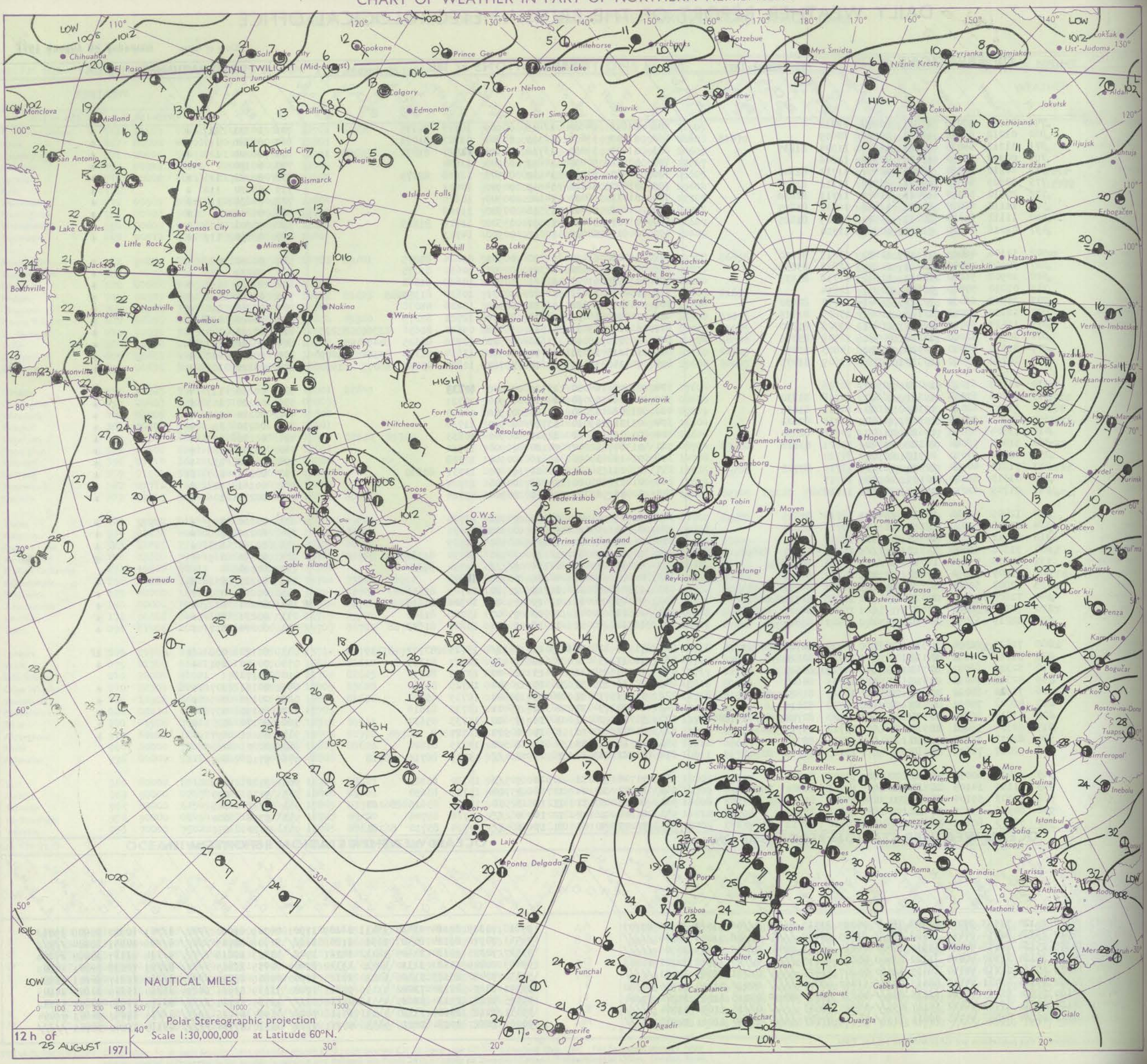
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	25124	73523	97028	02508	784//	00229	81715	86630	0//06	11017	30605	27707
B	99555	70512	25124	80914	97025	13308	863//	81805	88708	/////	0//08	11005	30604	/////
C	99527	70355	25124	83018	97026	15912	8742/	00214	86711	88435	0//12	11203	30505	/////
D	99439	70410	25124	22307	98020	31122	21400	00601	82815	/////	0//20	12212	30301	24803
E	99348	70479	25123	21212	98150	28225	12560	00207	81825	/////	0//21	12563	30403	/////
I	99589	70192	25124	82421	95616	88513	873//	51752	88707	/////	00012	11310	30706	00/00
J	99525	70199	25124	82115	96024	11115	852//	00832	83703	88610	05115	11585	30502	99/04
K	99451	70160	25124	83522	96022	15117	855//	00805	88623	/////	0//15	11656	31004	/////
M	99660	10021	25124	82226	95586	99811	7732/	00501	87707	/////	00110	11061	30508	/////

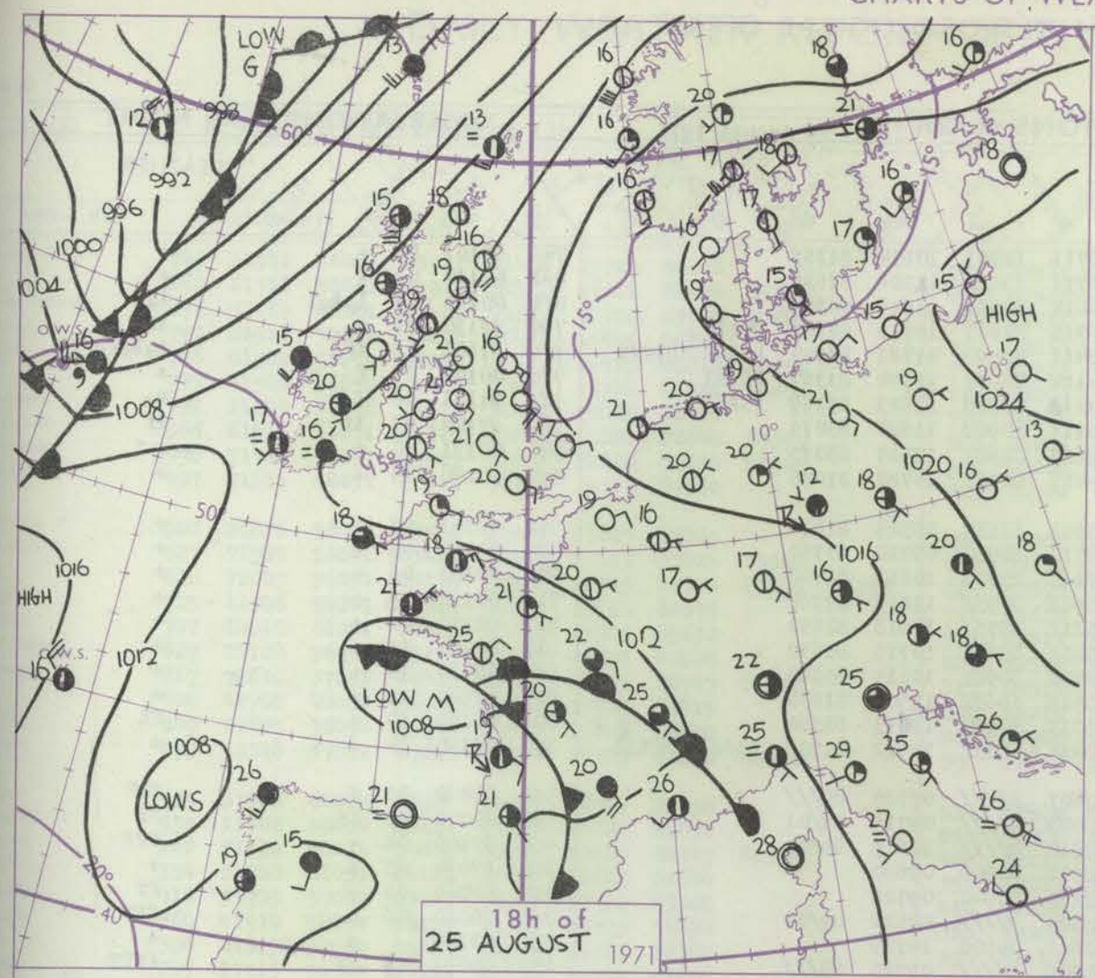
OCEAN WEATHER STATION REPORTS at 18h.

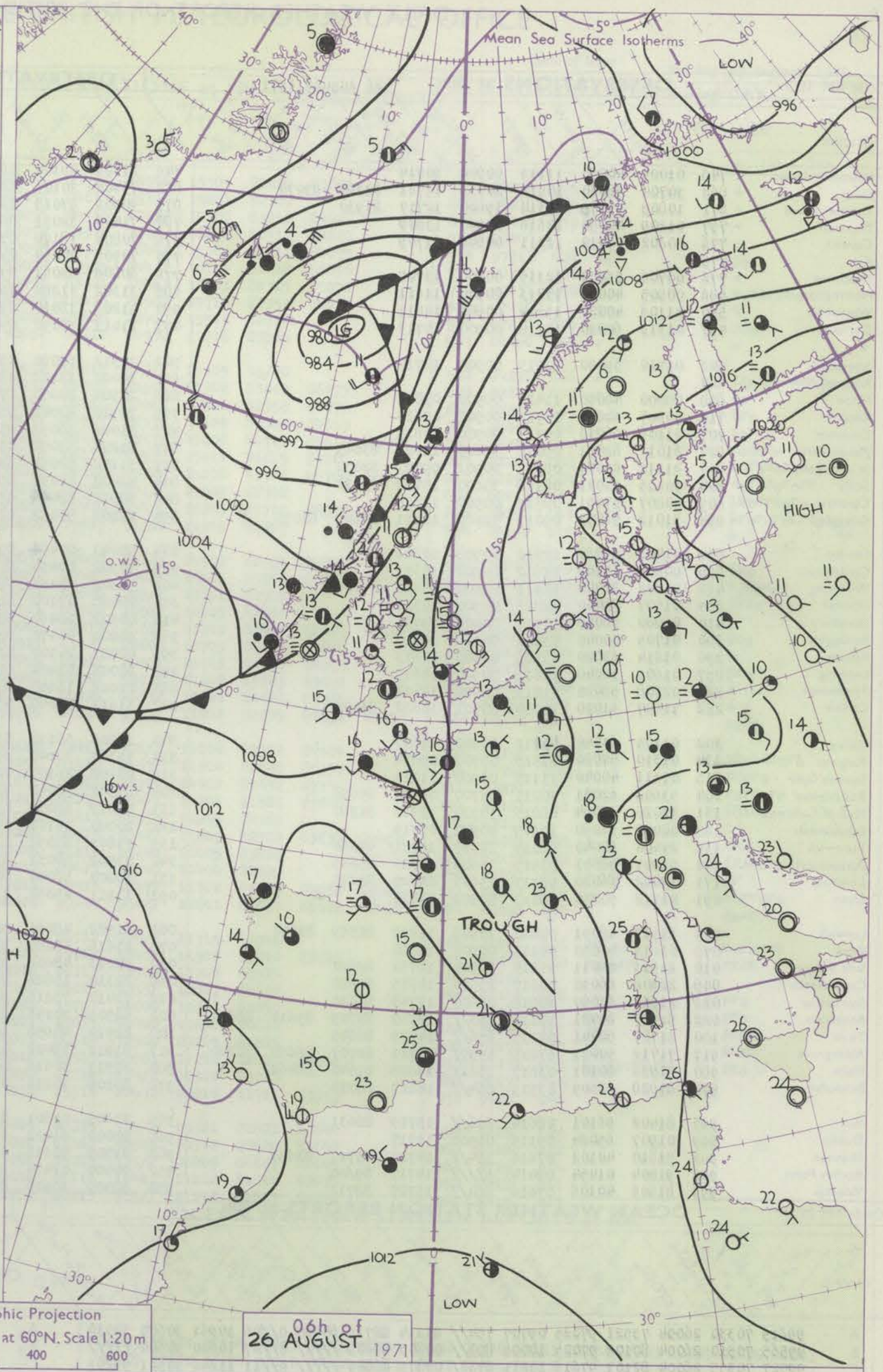
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70329	25184	23430	99011	06209	11501	00209	81020	/////	0//01	10982	30808	35012
B	99561	70510	25184	80707	93515	11208	862//	81708	88705	/////	0//08	10891	30604	/////
C	99527	70355	25184	82605	98022	18111	854//	00803	88618	/////	0//10	11167	30000	27504
D	99439	70409	25183	32310	98020	29322	31400	00715	83815	/////	0//21	12238	30301	24803
E	99350	70480	25183	11006	98020	27225	12500	00808	81825	/////	0//20	12617	30201	12504
I	99591	70194	25184	73022	97256	92311	79400	71135	83915	84630	05210	11308	30604	24803
J	99525	70183	25184	82627	95516	05116	872//	23525	88704	/////	00115	11570	30604	13702
K	99451	70160	25184	73320	96031	14116	755//	00507	87626	/////	0//15	11652	30603	06004
M	99661	10023	25184	82218	96586	00811	7742/	00110	87714	/////	00110	11040	30406	/////

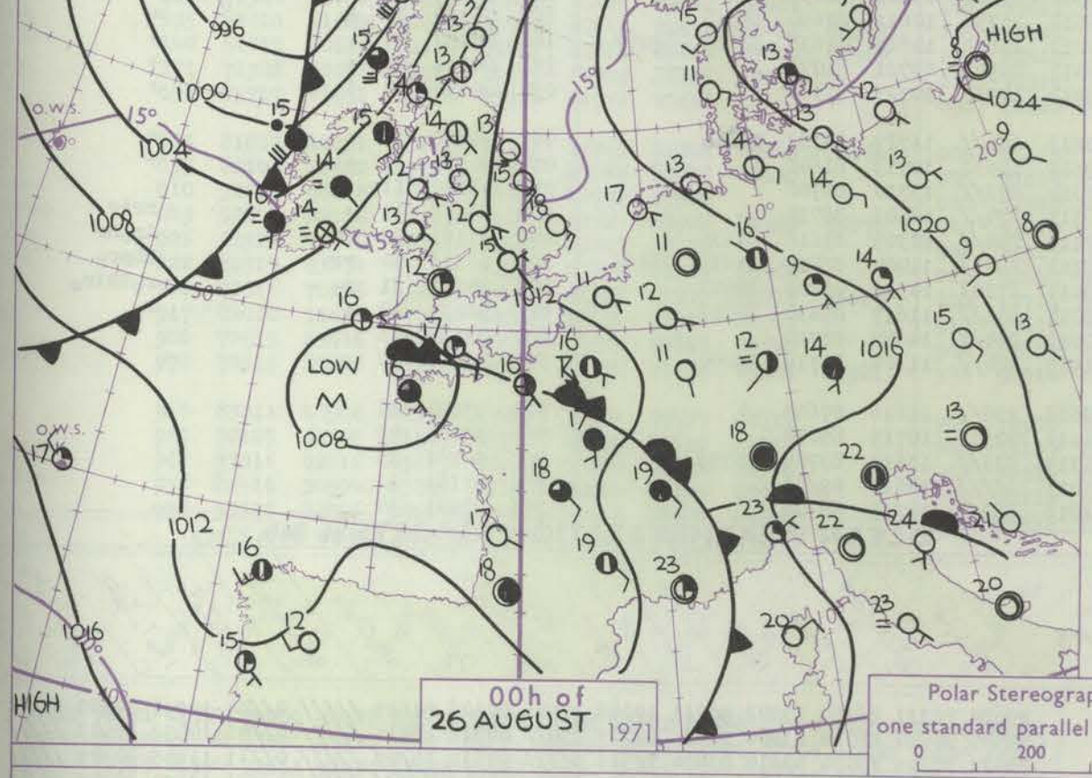
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 26 August 1971

The large anticyclone west of the Azores remains almost stationary. The ridge of high pressure which extended to the British Isles from the anticyclone over Russia declined, and a strengthening southwest gradient spread into western and northern districts ahead of a frontal trough associated with a deep depression which moved northeast and is now slow-moving near southeast Iceland. A small thundery depression moved from northwest Spain to Brest and associated troughs of low pressure swung northeast across France. During the next 24 hours the depression now over Brest will move into the North Sea and deepen and the trough of low pressure in the west will move across the British Isles to be followed by an unstable northwest airstream.

Code FM 11.D **OBSERVATIONS at 00h.** 26 August 1971

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	01009	40050	11113	00900	10814			
Hurn	862	30704	58030	10512	20931	11721	82362	83070	
Thorney Island	871	10808	57170	11314	19600	12717	81930		
Manston	797	01209	44050	12616	00900	13809			
Gatwick	776	00602	07410	12311	00900	11709			
Kew	775								
Heathrow	772	00706	56050	12315	00900	13708			
Honington	586	00905	40050	13213	00900	11611			
Wattisham	590	01106	40020	13214	00900	12811			
Gorleston	497	01313	60020	13718	00900	15713			
Aberporth	502	01510	59050	10313	00900	10714			
Ross-on-Wye	627								
Filton	628	00000	48050	11412	00900	09810			
Rhoose	715	00607	62020	10712	00900	09813			
Chivenor	707	01106	66010	09713	00900	10819			
Mount Batten	827	31011	62031	09016	35600	12722	83643		
St. Mawgan	817	21112	66021	08315	00902	09727	82070		
Scilly	804	30805	58021	08116	35600	13722	83630		
Culdrose	809	00807	57051	08715	00900	13818			
Guernsey	894	31012	56052	09017	12682	11711	81842	83075	
Elmdon	534	01403	56050	12512	00900	10808			
Cardington	559	00902	19100	12610	00900	10811			
Wittering	462	01602	28040	12911	00900	10813			
Watnall	354	01507	28040	12813	00900	10711			
Shawbury	414	00000	56040	11712	00900	09710			
Finningley	360	01705	40040	13111	00900	10610			
Kilnsea	396	01614	63020	13315	00900	14613			
Leeming	257	01609	16040	12612	00900	11615			
Tynemouth	262	02108	58020	11813	00900	12611			
Carlisle	222	11607	61020	10014	00901	10622	81075		
Valley	302	01105	61040	00412	00900	11617			
Ringway	334	01310	57020	11516	00900	09814			
Squires Gate	318	01311	40040	11113	00900	11614			
Ronaldsway	204	53602	62031	10011	55700	09613	85656		
Mull of Galloway	131	12020	32054	08215	10930	12720	81360		
Eskdalemuir	162	00000	32050	10609	00900	07719			
Prestwick	135	21404	50040	08114	20930	11721	82360		
Abbotsinch	140	51907	56051	07515	55600	12726	85645		
Leuchars	171	12402	66020	08313	15601	09820	81645		
Dyce	091	01712	50050	08113	00900	11817			
Lerwick	005	31917	48051	04812	10978	11722	81359	83070	
Wick	075	01613	48050	04215	00900	10720			
Sule Skerry	010	21613	66011	01814	25500	12732	82620		
Cape Wrath	049	22308	66030	00617	25500	14735	82620		
Stornoway	026	21931	60050	98816	25600	13743	82630		
Benbecula	022	81927	60021	99115	853//	13739	83709	85614	88631
Tiree	100	61727	50041	02215	656//	14729	86645		
Aldergrove	917	71712	50021	07215	4537/	13721	82707	83650	86360
Malin	980	81926	60101	03817	1561/	14828	81640	88462	
Belmullet	976	81928	62605	03515	864//	14627	88714		
Birr	965	81402	56101	08614	856//	13719	88631		
Dublin	969	01907	65024	09115	00900	11717			
Shannon	962	51610	40102	07616	554//	14724	81717	83645	
Roches Point	952	91204	01454	09414	9////	14717	89/00		
Valentia	953	81806	40106	07616	864//	15727	88712		

OBSERVATIONS at 06h. 26 August 1971

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	21109	28100	06711	10981	10614	81359		
862	73402	30101	06712	756//	12506	87635		
871	30806	57019	06614	20983	12616	82358		
797	71413	32051	08715	20936	12716	82363	87275	
776	70804	18174	07411	59568	11721	82920	85656	87275
775	70705	40054	07114	70872	11724	83357	86363	
772	60806	32051	07214	50938	11623	85359	85275	
586	31302	11284	09111	00902	11620	83075		
590	51205	16010	09213	00902	12517	85075		
497	11413	58050	09417	00901	14720	81075		
502	21512	59050	05511	18531	09525	81820		
627	30000	13101	06710	30930	09710	83360		
628	20504	20050	07111	25300	10612	81708		
715	70710	40041	05913	7093/	11619	87360		
707	31006	56050	05212	25751	10618	82650		
827	41206	59050	04815	35601	13715	83630		
817	31108	50050	04713	30981	12615	83360		
804	42402	48031	05515	15632	15506	81630		
809	30801	08444	05213	30930	13613	83360		
894	72108	50052	06416	68332	15502	81708	83821	85632
534	90000	00454	07807	9////	07720	89///		
559	90502	00454	08009	9////	09715	89/01		
462	91302	00454	08310	9////	10619	89/00		
354	00000	17100	08510	00900	09620			
414	00902	08460	07110	00900	09722			
360	90000	00470	08308	9////	08620	89/00		
396	02007	24100	08815	00900	14729			
257	92006	01474	08009	9////	09725	89///		
262	02009	16100	07611	00900	11721			
222	31611	56040	05513	35630	09620	83645		
302	11206	56110	05312	00902	11624	81075		
334	11307	30040	06813	00901	10624	81075		
318	01108	26100	06511	00900	10624			
204	63302	56041	05413	15706	11619	81656	85275	
131	71819	66031	03814	36409	12716	83710	85175	
162	20000	14101	06506	25600	06621	82635		
135	71807	63051	03614	15754	10619	81650	85360	
140	73502	60031	03213	15672	10619	81636	83362	85070
171	10000	56040	04311	00901	09721	81075		
091	11911	45050	03912	10930	10723	81364		
005	61922	48051	00213	661//	11717	84702	86706	
075	21616	58050	99515	15632	10719	81640		
010	82013	48636	97314	873//	13710	88708		
049	82310	16626	96313	874//	13501	88710		
026	72410	75216	97112	754//	12305	83616	87635	
022	62509	70256	97713	3847/	11004	82815	83635	86462
100	82912	40656	99014	6732/	13512	86708	88522	
917	81912	59022	03014	856//	11617	85630	88656	
980	81917	30616	00015	864//	14617	88710		
976	83108	70216	01913	864//	11304	85718	88640	
965	71605	05801	03613	756//	11616	87635		
969	50000	61021	04114	00902	10719	85070		
962	81709	50616	03314	873//	13612	83708	85715	
952	90000	01474	05013	9////	13616	89/00		
953	82009	30606	03816	863//	14715	88708		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00101	08	+	+
862	00110	05	1	+
871	00120	07	l_o t_o l	l_o
797	92130	08	+	ir_o
776	97101	06	1f1	$t_o l_o r_o$
775	00100	05	f	+
772	91131	06	+	r_o
586	97100	07	1f	1f
590	00131	10	+	+
497	00170	14	+	+
502	00101	08	+	+
627	00090	05	+	+
628	00100	06	+	+
715	00110	07	+	+
707	00110	06	+	+
827	00140	11	+	+
817	00130	10	+	+
804	00140	11	+	+
809	00130	10	+	ff
894	00160	14	+	+
534	00060	03	f	fFF
559	00070	03	ff	FF
462	97100	04	+	fFF
354	97090	05	+	+
414	00080	03	+	ff
360	00080	06	+	fFF
396	00140		+	+
257	00091	07	ff	ffFF
262	00111	09	+	+
222	00120	08	+	+
302	00110	05	+	+
334	00120	09	+	+
318	00100	06	+	+
204	00090	07	+	+
131	00130			
162	00051	02	+	+
135	00130	10	+	+
140	00120	09	+	+
171	00111	05	+	+
091	00120	10	+	+
005	00120	11	+	+
075	00140	11	+	+
010	05122	11		
049	06112	11	+	rrir
026	07121	12	ir_o	ir_oRr
022	16111	10	rr	RRpr$_o$
100	20121	11	r_o	r_oRRir_o
917	92131	12	+	r_o
980	03132	13		
976	17111	10		
965	97120	11		
969	97120	09		
962	92141	13		
952	97131	11		
953	97141	14		

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	26004	73521	97025	09707	754//	81214	82718	84630	0//06	10961	30605	34010
B	99565	70510	26004	80102	97025	10008	853//	00803	88608	/////	0//07	10820	30604	/////
C	99527	70355	26004	82103	97616	15211	6732/	00875	86809	/////	0//11	11246	30301	99/02
D	99439	70409	26004	12410	98010	29021	11400	00602	81815	/////	0//21	12229	30302	99/03
E	99350	70480	26003	31313	98020	27724	31500	00209	83825	/////	0//21	12588	30502	/////
I	99590	70190	26004	83022	97251	93310	894//	71110	83915	88625	05508	11329	30605	24902
J														
K	99452	70159	26004	23112	96020	15016	25500	00400	82626	/////	0//14	11625	30701	06003
M	99660	10020	26004	82022	96616	98711	7742/	00711	87712	/////	00210	11064	30406	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	26064	13503	99011	10008	15501	00106	81625	/////	0//04	10991	30100	35806
B	99565	70510	26064	83504	97026	08207	854//	00712	88614	/////	0//06	10852	30503	/////
C	99527	70355	26064	92610	93454	12611	9////	00512	89/02	/////	0//11	11245	30301	/////
D	99439	70411	26064	02408	98020	27622	00900	00606	/////	/////	0//21	12230	30302	99/03
E	99350	70480	26063	31214	98258	26523	33500	00710	83930	/////	0//22	12598	30503	/////
I	99592	70194	26064	73127	97252	95111	79400	71315	85915	/////	05309	11303	30806	00/00
J														
K	99451	70161	26064	72514	96031	13916	755//	00709	87626	/////	0//15	11622	30701	06001
M	99660	10020	26064	81927	95106	98211	862//	51302	88704	/////	00210	11065	30509	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40090

Date of Issue Friday 27 August 1971

Code FM 11.D — OBSERVATIONS at 12h. — 26 August 1971

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	41911	56051	03921	41400	15719	84816		
Hurn	862	61711	50051	04919	685//	16711	81825	85645	
Thorney Island	871	72112	48051	05419	753//	18710	83709	87640	
Manston	797	81511	50056	06118	864//	16805	88712		
Gatwick	776	81909	50059	05320	884//	16715	86818	88650	
Kew	775	61502	56052	04820	685//	15720	84820	85656	
Heathrow	772	11205	56056	04821	11501	15821	81825		
Honington	586	61512	61011	05320	25682	10820	82640	85359	
Wattisham	590	71710	56032	05419	1163/	14818	81830	87365	
Gorleston	497	71515	48051	06518	7097/	14717	87360		
Aberporth	502	21810	58050	03519	21500	13609	82825		
Ross-on-Wye	627	71905	56041	03420	68502	13823	83825	85640	
Filton	628	72003	56051	04120	3858/	14719	81828	83640	86356
Rhoose	715	11306	50041	04319	00901	15514	81075		
Chivenor	707	62810	61051	04619	55630	15507	85632		
Mount Batten	827	22108	56051	05119	21580	16701	82828		
St. Mawgan	817	72610	37051	05417	753//	14001	84707	86612	
Scilly	804	42708	48030	06519	32401	15204	83815		
Culdrose	809	22607	56054	05719	22500	15203	82820		
Guernsey	894	52318	57052	07218	48502	15303	81820	84640	
Elmdon	534	31708	60024	03920	30981	12724	83358		
Cardington	559	11402	58054	04621	11602	14824	81830		
Wittering	462	71610	58034	04619	7087/	12820	84357	86359	
Watnall	354	31708	61031	04122	11680	12627	81840		
Shawbury	414	31705	57044	03420	30980	12727	83360		
Finningley	360	41910	58044	04021	11581	13729	81828		
Kilnsea	396	21515	32050	05318	20970	15721	82360		
Leeming	257	11913	50044	04220	12530	13727	81828		
Tynemouth	262	01516	12050	03717	00900	14728			
Carlisle	222	61710	61031	02220	21632	10724	82840	83362	
Valley	302	52113	58041	03119	50931	13713	85362		
Ringway	334	52011	59031	03420	40982	10728	84358		
Squires Gate	318	21714	59040	02821	10981	13830	81360		
Ronaldsway	204	71909	57042	02516	7093/	12720	87359		
Mull of Galloway	131	82024	61031	01014	864//	12720	88715		
Eskdalemuir	162	71914	58051	01917	4861/	11621	83832	84461	
Prestwick	135	81910	61602	00816	2577/	10714	81650	86459	88362
Abbotsinch	140	81810	60612	00516	5542/	11613	81618	84650	88460
Leuchars	171	71922	62051	00321	18636	10729	81830	87075	
Dyce	091	21717	45051	00218	15730	11720	81650		
Lerwick	005	81819	40051	98114	7537/	12709	81706	87645	88360
Wick	075	82108	28602	97515	853//	12604	87708	88630	
Sule Skerry	010	72005	66018	96713	734//	12702	87915		
Cape Wrath	049	52305	82016	96413	33542	12704	83920	84360	85070
Stornoway	026	62325	75012	96716	684//	09503	85816		
Benbecula	022	52517	83031	97715	12530	10302	81820	85364	
Tiree	100	72516	70156	99215	784//	11307	81710	84816	86629
Aldergrove	917	82010	11636	01013	860//	13610	82701	88703	
Malin	980	72615	83016	00415	784//	11304	82818	87640	
Belmullet	976	72815	85808	03215	734//	10310	81716	83821	81921
Birr	965	83011	48506	02314	873//	13504	87707	88712	
Dublin	969	82105	62606	01917	4577/	11616	84650	88459	
Shannon	962	73016	82016	03617	784//	10308	83818	86640	
Roches Point	952	82416	30604	03216	862//	14610	84705	88709	
Valentia	953	53310	82016	05017	58500	10213	82820	85630	

OBSERVATIONS at 18h. — 26 August 1971

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	42511	40051	03718	45500	15304	82620	83650	
862	32412	40051	04618	25330	15801	82709		
871	62415	59051	04718	62411	14400	83713	84828	
797	72113	46052	03917	764//	15812	86711	83620	
776	42311	57055	03918	16442	15706	81712	84075	
775	62007	56052	03519	644//	16501	81618	86656	
772	62108	50051	03321	17463	16503	81715	85070	
586	52205	44058	02420	20982	15710	82359	84072	
590	22208	58021	02520	22400	15513	82818		
497	31514	58051	02418	30930	17716	83360		
502	93007	01591	03815	9////	15207	89/00		
627	72210	58031	02720	30936	12302	83360	86275	
628	52413	58051	04118	30981	14306	82358	84075	
715	62615	57051	04517	37331	14105	83709	84359	
707	82511	56602	05417	5547/	15208	84713	84635	88460
827	72511	40051	06117	6553/	15211	86625	87360	
817	82514	32602	06216	6732/	15104	83706	85709	88458
804	82210	11616	06715	871//	15002	88702		
809	82709	20601	06716	854//	16205	85710	88630	
894	12618	50050	07917	11300	14105	81807		
534	62509	60031	02020	2568/	14502	82635	85362	
559	72206	58951	02420	6368/	16505	83930	83835	87358
462	72211	56951	02020	795//	13501	87925		
354	32607	59011	01720	10981	14505	82360		
414	72814	59048	02318	2568/	11303	82645	84358	86361
360	42204	58011	01121	28602	13709	81840	83080	
396	41412	32058	01317	20971	15713	82360	84075	
257	72906	40041	01120	50932	14606	85363	83070	
262	72507	48041	00420	4563/	13604	84640	87360	
222	82407	58026	01016	5557/	11802	82625	84650	88358
302	73210	59616	02715	751//	14104	82702	87614	
334	62907	57251	01519	2567/	11604	82640	86358	
318	72612	61601	02216	3577/	14602	83650	87359	
204	71002	84216	02214	784/1	11304	81818	87640	
131	53609	81012	01413	40939	11205	84365		
162	72612	48216	00713	5542/	11609	82712	83630	87459
135	52405	82026	01114	48640	10005	83830		
140	22510	80016	00415	28500	11400	82820		
171	72311	62616	99514	4847/	11702	81817	84635	86459
091	82108	40626	99214	5542/	12601	81614	85622	88462
005	81915	11636	96312	870//	11715	88701		
075	71808	85026	97512	6843/	11500	81712	83825	
010	52309	82018	96313	53500	11203	85920		
049	52310	82158	96013	4253/	12001	84820		
026	22515	82021	97213	22600	10303	82830		
022	42616	80021	99014	42400	09208	84818		
100	12716	82011	00114	12500	09207	81825		
917	53107	86018	02515	58501	12212	82820	84640	
980	62813	84258	02314	634/2	10310	85918		
976	52914	83018	05514	22432	09215	81716	83359	
965	72906	80805	05315	785/2	09321	82823	86640	
969	53109	88022	03317	48502	09312	82820	83640	
962	72916	83258	05715	785//	08209	84827	86645	
952	33119	80016	06116	18401	11222	81819	83070	
953	73212	81258	08415	785//	11218	81823	87635	

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00221	065 +		+
862	00210	064 +		+
871	00200	059 +		+
797	00200	+		+
776	97211	020 do		do
775	00220	061 +		+
772	97231	050 +		rotlrpro
586	97210	pro		R
590	97210	039 +		pro
497	00190	050 +		+
502	04201	066 +		iroDRFdrfiro
627	97221	057 +		ro
628	97221	075 +		iro
715	94211	058 +		rorro
707	94211	077 +		rodoro
827	92201	088 +		rorodorodoro
817	02191	064 +		dorodororr
804	02211	063 +		irorrroro
809	96192	053 +		irororciFdodo
894	00190	055 +		+
534	97220	060 +		iro
559	97230	035 +		tolo?o
462	97230	043 +		tlro
354	00230	076 +		+
414	97220	051 +		pro
360	00230	080 +		+
396	97170	086 +		pro
257	00231	065 ff		+
262	00211	056 +		+
222	01211	065 +		ror
302	01191	068 iro		iroidroro
334	97221	092 +		proro
318	93221	070 +		rordoro
204	01181	051 iro		DRiro
131	03151			
162	94181	038 ro		rro
135	02171	023 iriro		irororo
140	01171	019 roro		rr
171	01211	057 +		rorroro
091	02191	057 +		ro-r
005	10151	026 rroro		rororrR
075	09161	028 rororrRR		rrRR
010	03150			
049	01141	052 ir		pro
026	92161	070 +		pro
022	95161	100 jp		prpro
100	97171	070 jp		pro
917	10171	023 rororrRrfro		pro
980	0517	046		
976	9416	066		
965	9618	029		
969	0118	032		
962	9719	034		
952	0218	041		
953	0417	043		

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

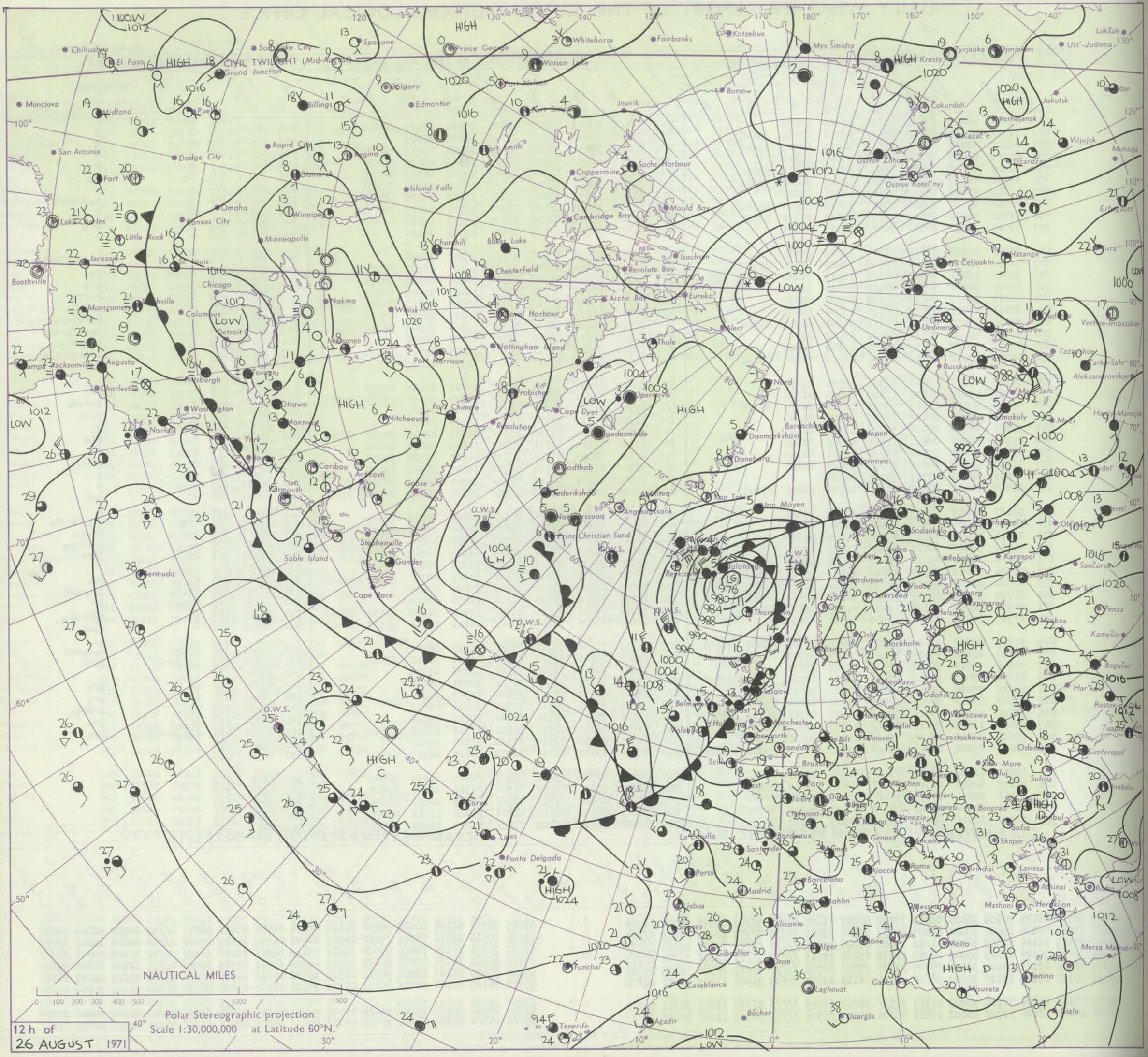
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	26124	70000	98021	09309	18538	00001	81822	87270	0//03	10978	30000	36704
B	99565	70510	26124	83406	97028	08007	884//	00506	83810	88620	0//05	10892	30603	/////
C	99527	70355	26124	72613	98034	11412	55402	00808	85618	/////	0//12	11200	30503	/////
D	99439	70415	26124	22213	98020	26922	11431	61506	81815	/////	0//21	12201	30302	25703
E	99349	70480	26123	41004	98151	27325	23560	00203	82925	/////	0//21	12560	30000	09704
I	99591	70192	26124	73127	98252	98610	78500	71111	83820	87633	05505	11307	30808	00/00
J														
K	99450	70161	26124	72715	96205	15317	763//	00309	87709	/////	0//16	11649	30602	04202
M	99661	10020	26124	51728	96102	97612	56300	00704	85709	/////	00309	11040	30508	/////

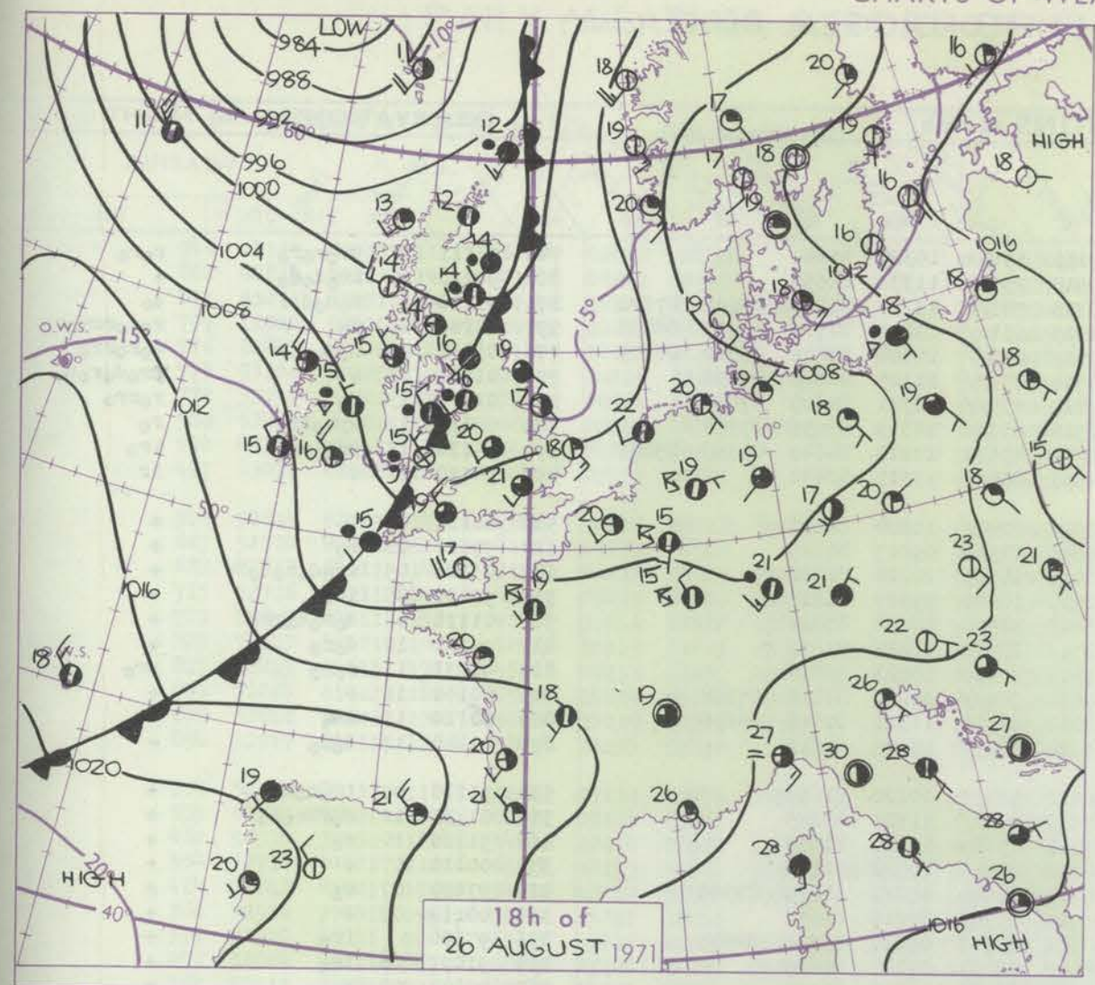
OCEAN WEATHER STATION REPORTS at 18h.

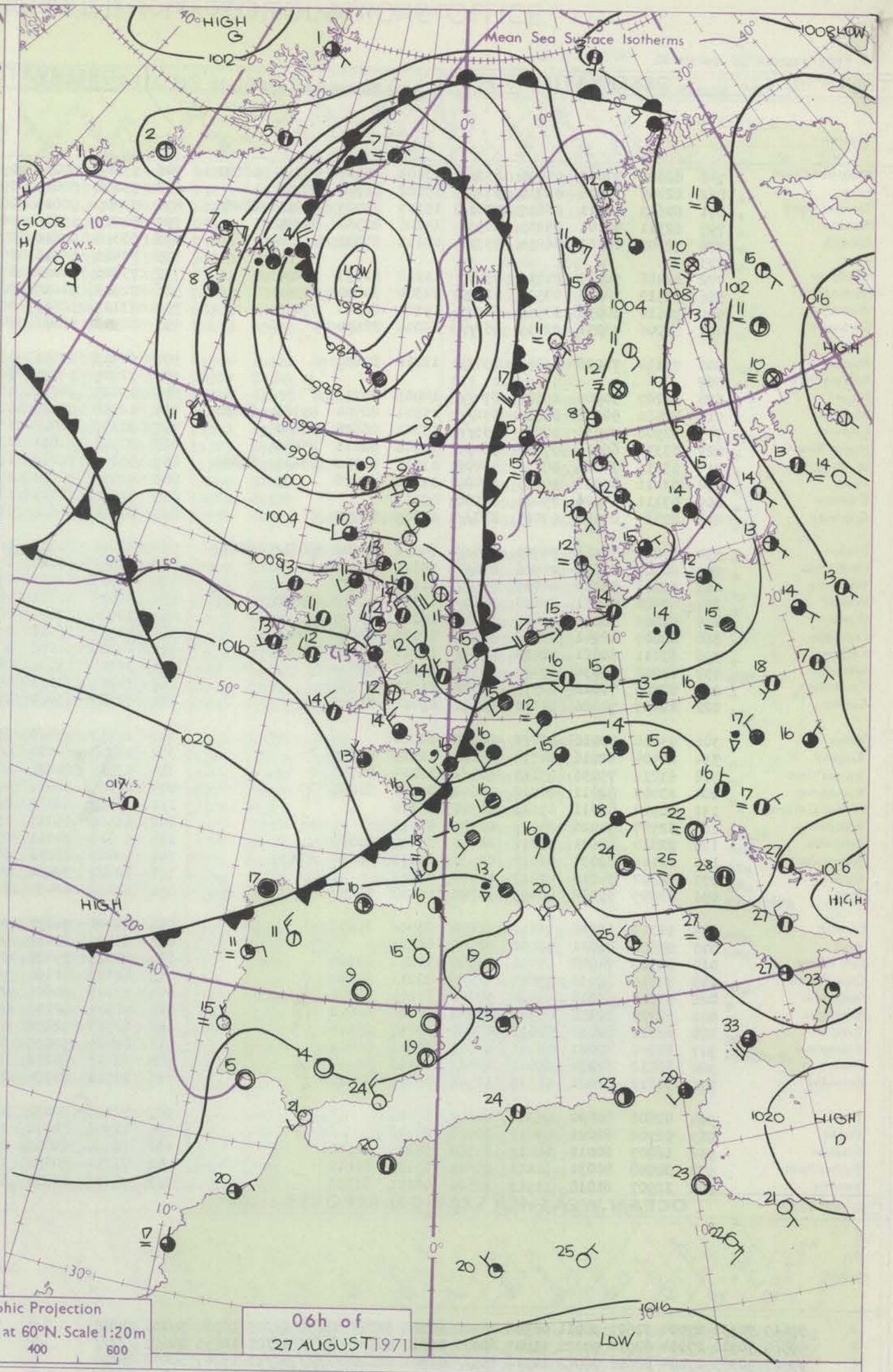
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	26184	61403	98022	08109	28578	00706	82823	86272	0//03	10995	30000	04803
B	99565	70510	26184	73011	97022	09707	58471	00209	85812	84660	0//04	10828	30603	/////
C	99527	70355	26184	72812	98022	11012	754//	00501	87518	/////	0//10	11200	30503	/////
D	99439	70426	26184	42218	98030	23423	16334	64721	81709	840//	0//21	12204	30503	99/03
E	99350	70480	26183	22002	98011	26326	19530	00711	81925	/////	0//20	12613	30000	12703
I	99592	70195	26184	73023	98022	00710	78500	71312	83820	84630	05402	11246	30809	00/00
J														
K	99452	70160	26184	73314	98012	18517	755//	00215	87626	/////	0//13	11667	30000	27802
M	99661	10020	26184	81626	95102	97012	864//	00806	88710	/////	00310	11050	30508	/////

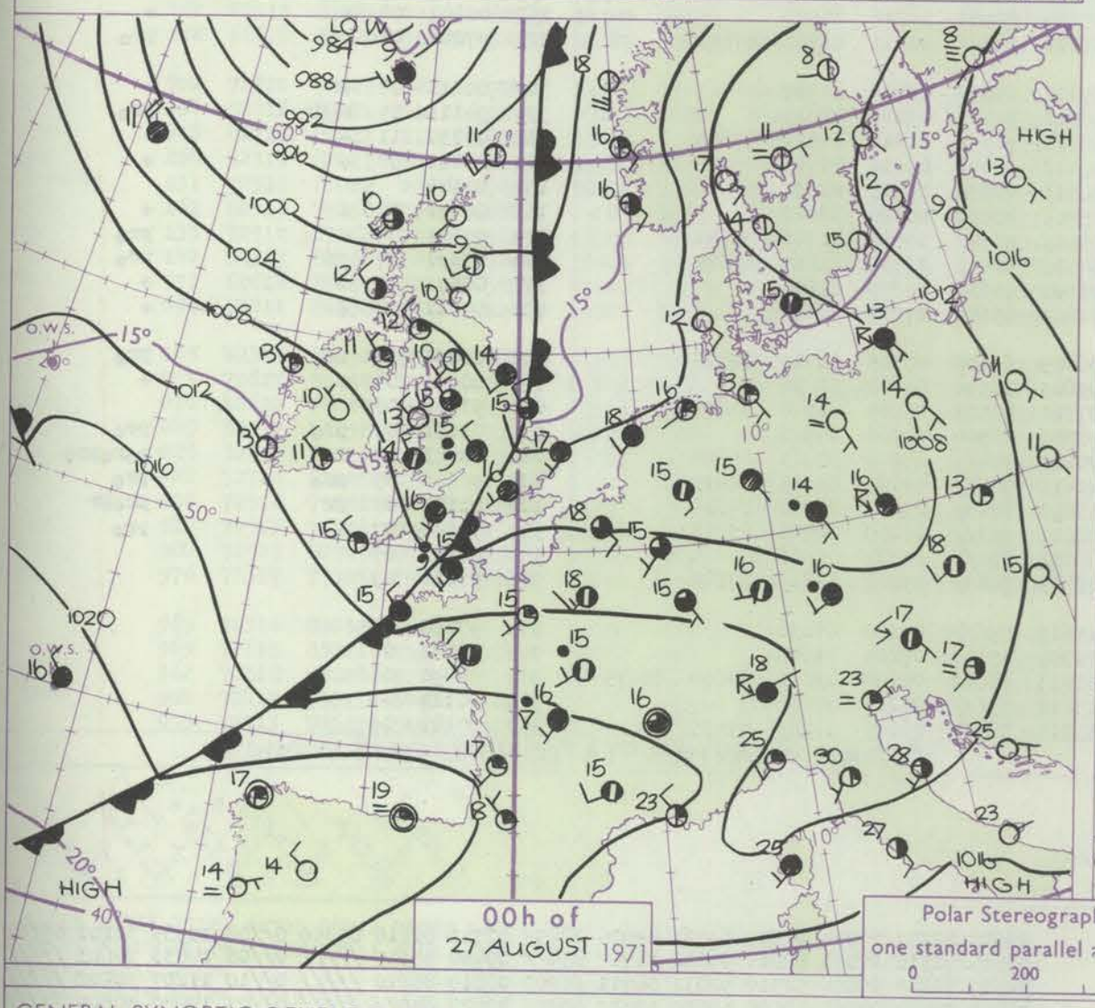
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 27 August 1971

The deep depression near eastern Iceland moved only very slowly northwards during the last 24 hours. It is now expected to move away northnortheast a little more quickly as another though much less intense depression southeast of Greenland moves east and deepens a little. The cold occlusion associated with the first depression has now cleared the east coast of Britain and is moving away east followed by a weak ridge. Advancing fronts moving well ahead of the second depression are expected to reach western Ireland tonight but are likely to be very weak over southern parts of Britain. The anticyclone west of the Azores remains almost stationary with the ridge to southern Biscay slowly intensifying.

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

Code FM 11.D

OBSERVATIONS at 00h. — 27 August 1971

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	82606	37058	05915	853//	13003	82707	85714	88623
Hurn	862	82407	30506	06716	872//	15102	86704	88706	
Thorney Island	871	82613	48211	06617	4731/	15107	83709	83813	88462
Manston	797	62311	44101	05215	20938	14206	82362	86275	
Gatwick	776	72302	18101	06214	757//	14110	87656		
Kew	775								
Heathrow	772	82406	58039	05716	25807	11212	82657	88275	
Honington	586	82512	28806	03516	4257/	14304	84824	88360	
Wattisham	590	72610	30038	03916	60932	15105	86360	87075	
Gorleston	497	82006	48051	02417	857//	15000	88650		
Aberporth	502	73114	74026	06814	757//	12218	87650		
Ross-on-Wye	627								
Filton	628	82107	50206	05716	874//	14003	88712		
Rhoose	715	82410	50606	05515	852//	15101	82704	85706	88630
Chivenor	707	82908	74036	07215	855//	13313	86622	88650	
Mount Batten	827	53310	66016	07916	5843/	13308	82816	85650	
St. Mawgan	817	53313	74016	08715	55400	13118	81710	83614	85656
Scilly	804	33211	85036	10415	32400	11220	83818		
Culdrose	809	03111	64026	09014	00900	12319			
Guernsey	894	82317	07586	09015	870//	15605	88700		
Elmdon	534	83009	30581	04715	853//	14211	82708	86612	88624
Cardington	559	82409	23609	04916	856//	14113	88635		
Wittering	462	82808	58029	04016	855//	11113	88627		
Watnall	354	82406	50051	04015	5567/	12110	85647	88360	
Shawbury	414	42806	78016	05413	35632	10216	83635		
Finningley	360	82807	48041	03412	3577/	12110	83650	88465	
Kilnsea	396	63011	60021	02415	6097/	13211	86360		
Leeming	257	83008	74036	03414	8093/	11312	88359		
Tynemouth	262	72709	74022	02513	756//	11210	87630		
Carlisle	222	12403	74026	04110	15501	09216	81622		
Valley	302	03010	80016	06713	00900	10220			
Ringway	334	22905	62016	04714	25600	11215	82630		
Squires Gate	318	63212	75036	05115	625//	12219	86820		
Ronaldsway	204	23007	82011	05912	15601	09215	81630		
Mull of Galloway	131	02912	82011	05612	00900	08220			
Eskdalemuir	162	02707	74026	04009	00900	07213			
Prestwick	135	22810	82021	03812	28400	09110	81818		
Abbotsinch	140	62109	82031	03012	685//	09109	82820	86636	
Leuchars	171	02802	74016	02010	00900	08212			
Dyce	091	12609	75036	00409	15700	07108	81650		
Lerwick	005	12318	66036	96611	15600	09706	81632		
Wick	075	02502	86011	99010	00900	06303			
Sule Skerry	010	32509	74028	97412	33500	10206	83920		
Cape Wrath	049	72310	82038	97811	725//	10212	87820		
Stornoway	026	52310	65216	99410	584//	10105	82818	84638	
Benbecula	022	32720	80158	00912	38400	08104	82818		
Tiree	100	42811	82038	02612	48400	10207	83818		
Aldergrove	917	22807	80021	06011	16401	10211	81712		
Malin	980	62812	82258	05012	634//	10211	86918		
Belmullet	976	32812	82021	08113	32502	09205	83822		
Birr	965	02806	80020	09310	00900	07212			
Dublin	969	02708	82021	07810	00900	08216			
Shannon	962	12807	80011	10211	15600	08213	81640		
Roches Point	952	32808	80031	11111	15601	09123	81640		
Valentia	953	12907	81018	11913	12500	08211	81823		

OBSERVATIONS at 06h. — 27 August 1971

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	13206	80016	09111	15631	10329	81640		
862	23108	80015	09913	25700	11333	82650		
871	73509	70015	08315	783//	13320	81809	83623	87640
797	82206	15616	06515	5512/	15204	81702	83710	88458
776	83310	45616	07015	852//	14308	82705	84711	88623
775	73405	56516	07714	755//	11325	82628	87638	
772	73306	62216	07814	755//	12321	84625	87640	
586	72912	61018	06514	6573/	10319	86656	87358	
590	73112	58016	06214	45631	12213	84640	85360	85075
497	82508	48026	04915	856//	13317	88630		
502	62913	82031	10912	6243/	10224	86818		
627	12707	77021	09611	11540	09217	81825		
628	13005	74026	10012	18501	10224	81820		
715	12808	75026	10710	18400	09327	81815		
707	33109	78028	11813	31500	10228	83820		
827	22905	80011	12313	28500	12226	81822		
817	33112	78018	12814	34400	10223	82818		
804	73108	83021	14614	784//	09222	81818	87628	
809	53507	72021	13213	48430	11321	82818	84630	
894	62916	80036	11814	6843/	13226	85812		
534	23011	70016	08512	18431	10220	81812		
559	72910	58026	07914	756//	11323	87635		
462	12909	56026	07412	15609	10325	81635		
354	32805	62011	08211	28431	09322	81810		
414	33008	82021	08911	28540	08221	81825	83360	
360	22907	66020	06711	15701	09219	81656		
396	43208	66016	04811	30971	09216	83360	84075	
257	32708	85031	06410	18531	07217	81825		
262	12811	74021	05110	00904	09216	81075		
222	72707	66031	06012	783//	11211	81708	87640	
302	22717	74010	09712	25300	10218	81709		
334	32503	64028	08011	28432	09220	82815		
318	72914	82021	08114	785//	11217	84820	87650	
204	22609	82031	08412	28400	09214	81713		
131	22415	81010	06711	20930	09205	82360		
162	42106	66011	05908	48500	08310	82822		
135	52610	74011	05513	5834/	10311	81708	85642	
140	52410	80251	04511	58401	10307	81817	84640	
171	12407	74020	03508	15600	08309	81645		
091	62210	82030	01809	65600	07211	86630		
005	62310	74250	96809	68400	08305	81710	84815	
075	22406	83011	99609	18540	06304	81820		
010	42519	74038	97311	43500	06205	82920	84625	
049	42312	81168	98209	43500	09206	84920		
026	72313	60606	00109	754//	08204	83714	86624	
022	72921	82158	01412	784//	07203	82818	86635	
100	62508	70258	03810	5843/	09106	81710	84818	
917	62410	70038	08011	683//	10209	82708	83822	
980	52418	80258	06012	534//	11307	85918		
976	72512	80505	08713	7843/	09202	82719	87640	
965	72106	80031	11611	756//	09210	87638		
969	12506	82030	10708	15640	07215	81645		
962	72608	80012	11413	65602	08104	83630	84650	85075
952	72711	80031	13812	756//	08215	87632		
953	72307	81031	13213	785//	08205	81825	87635	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	96111	07	prororо	rorо
Hurn	862	91120	10	irododo	+
Thorney Island	871	93140	13	rodod	do
Manston	797	04141	13	ro	rororrrorо
Gatwick	776	03131	09	rodo	dororro
Kew	775	01141	13	+	prodorodo
Heathrow	772	01141	13	ro	rorro
Honington	586	02131	12	Rproiro	ro
Wattisham	590	94130	13	proiro	iro
Gorleston	497	94150	14	+	ir
Aberporth	502	00121	09	+	+
Ross-on-Wye	627	97111	06	ro	+
Filton	628	03121	09	irodorodoRr	+
Rhoose	715	97100	08	iro	+
Chivenor	707	01131	08	dorodopro	+
Mount Batten	827	95131	10	doro	+
St. Mawgan	817	91131	11	roro	pro
Scilly	804	00140	11	+	+
Culdrose	809	95120	11	[illegible]	+
Guernsey	894	01140	12	doro	+
Elmdon	534	91110	09	irodoro	+
Cardington	559	01131	12	rorRroro	+
Wittering	462	91120	10	ro	+
Watnall	354	00110	07	+	+
Shawbury	414	97100	07	ro	+
Finningley	360	00110	09	+	+
Kilnsea	396	97100		iro	+
Leeming	257	91091	06	iro	+
Tynemouth	262	00101	08	+	+
Carlisle	222	97081	04	+	pro
Valley	302	00111	07	+	+
Ringway	334	94111	09	ropr	pro
Squires Gate	318	00130	11	+	+
Ronaldsway	204	00111	08	+	+
Mull of Galloway	131	00101			
Eskdalemuir	162	00071	02	+	+
Prestwick	135	97121	09	+	pro
Abbotsinch	140	93091	07	jp	pro
Leuchars	171	00071	02	+	+
Dyce	091	00061	04	+	+
Lerwick	005	01091	07	iro	pro
Wick	075	00081	04	+	+
Sule Skerry	010	93100	08		
Cape Wrath	049	01081	07	pro	pro
Stornoway	026	03081	07	iro	roropro
Benbecula	022	96101	09	pro	pro
Tiree	100	01101	08	pr	propr
Aldergrove	917	97101	07	+	pro
Malin	980	01111	09		
Belmullet	976	97111	09		
Birr	965	97060	04		
Dublin	969	97081	06		
Shannon	962	97090	06		
Roches Point	952	00110	08		
Valentia	953	97121	09		

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	27004	31607	98011	06908	38500	00708	82825	83635	0//03	10984	30100	04802
B	99565	70510	27004	62914	97022	11807	60970	00210	86362	/////	0//05	10855	30603	/////
C	99527	70355	27004	82616	98022	10212	855//	08806	88620	/////	0//11	11207	30402	25604
D	99438	70430	27004	42223	98021	21822	21401	22715	82810	/////	0//20	12398	30806	/////
E	99350	70480	27003	11505	98020	26424	12500	00104	81825	/////	0//21	12619	30000	10803
I	99590	70191	27004	83120	98032	00910	885//	71802	83820	88630	05502	11307	30909	00/00
J														
K	99451	70159	27004	83212	97021	21516	856//	00107	88645	/////	0//11	11652	30000	28002
M	99660	10020	27004	81524	96102	94712	863//	00718	88709	/////	00310	11050	30508	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70332	27064	61607	99021	04908	28432	00711	81816	84359	0//04	10985	30101	09602
B	99565	70510	27064	82818	97022	11707	854//	00400	88615	/////	0//06	10833	30603	/////
C	99527	70355	27064	52510	98031	08711	55500	08810	85620	/////	0//10	11207	30402	/////
D	99439	70424	27064	42128	98020	17122	00905	22723	840//	/////	0//21	12280	30807	/////
E	99350	70480	27063	11607	98020	24924	11500	00610	81825	/////	0//20	12614	30000	/////
I	99591	70194	27064	53119	98031	00910	58500	71504	81820	85625	05404	11299	30908	00/00
J														
K	99451	70159	27064	72608	97031	22516	756//	00305	87640	/////	0//12	11629	30000	32002
M	99659	10020	27064	81524	97216	93210	6747/	41303	86716	/////	00009	11078	30407	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40091

Date of Issue Saturday 28 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 27 August 1971

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	63114	83031	13717	62600	08218	86830		
Hurn	862	42814	81011	14819	41601	08220	84840		
Thorney Island	871	53211	83031	14019	31601	09121	83830	83075	
Manston	797	12912	82026	11817	14602	10226	81830		
Gatwick	776	22807	80026	12918	21601	10122	82832		
Kew	775	53206	82025	12718	31601	08218	83838	83075	
Heathrow	772	33010	81021	12918	32601	08220	83830		
Honington	586	63015	80021	10618	68600	07116	84840	83650	
Wattisham	590	43115	78011	10817	44601	07218	84635		
Gorleston	497	63017	62022	10017	62500	07223	86825		
Aberporth	502	72614	82031	14315	784//	10212	82818	87645	
Ross-on-Wye	627	52710	82021	13118	41601	07113	84830		
Filton	628	42513	80011	14217	38501	08212	82825	83078	
Rhoose	715	52716	82011	14916	42501	09215	84822	84078	
Chivenor	707	52813	82011	15817	48531	09216	82828	83638	
Mount Batten	827	73113	85021	16817	785//	10218	81825	83630	87635
St. Mawgan	817	52813	80011	17017	48501	08115	81820	83640	
Scilly	804	72810	81012	18115	754//	10214	82818	87628	
Culdrose	809	62812	81022	17017	5853/	10119	82822	85635	
Guernsey	894	32917	81011	17616	38430	11223	82818		
Elmdon	534	52913	80031	11817	32601	07111	83835	83075	
Cardington	559	62812	74021	12017	68601	08114	85835		
Wittering	462	52914	74011	11217	54601	10214	83830	83640	
Watnall	354	72710	70031	11216	685/1	08115	81820	84825	85640
Shawbury	414	72812	86021	12118	34602	08212	82830	87075	
Finningley	360	32914	77031	09819	38640	10213	82835		
Kilnsea	396	62910	66031	08618	635//	09210	83925	86635	
Leeming	257	52814	89011	08718	5864/	09109	82830	83645	
Tynemouth	262	62512	81021	07116	625//	11107	86820		
Carlisle	222	62614	82028	08215	5853/	10307	83822	83645	
Valley	302	72320	82021	12216	784//	11308	81818	87650	
Ringway	334	52816	80021	11016	32531	07212	83825	83075	
Squires Gate	318	62718	82011	11116	68500	11214	81823	86650	
Ronaldsway	204	52314	82011	10416	28582	11304	82820	84359	
Mull of Galloway	131	72518	80022	08614	785//	10105	81820	87645	
Eskdalemuir	162	62513	74258	06613	684//	09001	81712	84821	
Prestwick	135	72512	65258	07514	5833/	11305	81708	83813	86360
Abbotsinch	140	82317	60168	06713	7847/	10308	81713	84820	86650
Leuchars	171	62616	85031	04717	58532	07306	85828	83075	
Dyce	091	52811	86258	03016	32632	07203	83835	85070	
Lerwick	005	42323	80258	97312	48470	07102	81815	83636	
Wick	075	72617	86258	00913	68433	05306	81816	84820	85635
Sule Skerry	010	42630	74038	98513	43500	08207	84925		
Cape Wrath	049	52317	82158	99211	32560	10205	83820	85360	
Stornoway	026	32524	82028	01113	22660	06205	82830		
Benbecula	022	72722	82028	03414	785//	06207	82820	86635	
Tiree	100	72516	75258	05014	6846/	11206	82818	86645	
Aldergrove	917	72513	70258	09415	784//	11308	81818	86822	
Malin	980	72525	80808	07615	734//	09309	84918	84645	
Belmullet	976	72317	77025	09116	784//	11001	83716	87638	
Birr	965	72316	80032	12216	785//	09500	85822	85640	
Dublin	969	72615	83021	11316	58532	08302	84822	83645	
Shannon	962	72318	82028	12818	785//	10103	84827	87640	
Roches Point	952	72417	75011	14716	764//	10301	85714	85645	
Valentia	953	82313	74022	14015	885//	12101	85825	88650	

OBSERVATIONS at 18h. 27 August 1971

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	53013	80021	17116	24604	08208	81832	85075	
862	52710	81031	17917	28601	09214	81830	85075	
871	53015	83031	17418	34601	10218	83645	85075	
797	32507	82031	15318	34601	09214	83645		
776	42811	84031	16517	11604	07316	81840	84080	
775	22508	80011	15918	11602	08313	81842		
772	32512	80020	15918	12631	09111	81840		
586	42613	70031	13818	24632	08309	82640	83075	
590	52811	74031	14017	44602	08309	84645		
497	62507	62012	13319	53502	08213	85925	86075	
502	72117	74031	14815	755//	11706	84620	87650	
627	52312	81021	15316	45649	08307	84640		
628	72513	83021	16717	68631	09104	81835	86640	
715	32518	80011	16716	38501	11802	82820		
707	72415	74158	17716	785//	11102	83823	87632	
827	72512	86032	19117	75600	11107	87635		
817	62514	80032	18816	68500	11103	81825	86640	
804	32512	81011	19116	38500	12000	82820		
809	52713	78031	19116	45630	13006	84630		
894	72614	82022	20816	784//	11214	82712	83632	86650
534	52615	82022	14416	28641	07106	81840	84075	
559	42512	80021	14518	38631	07007	82835	83075	
462	42509	80021	13917	35631	07110	83635		
354	62714	80031	13316	58642	08208	81835	85645	
414	42718	83021	13916	28641	08002	81830	83362	
360	72812	72031	12517	28639	08105	81835	83365	87172
396	62820	66022	12017	3257/	08112	83820	86360	
257	72614	80038	11115	686/2	10205	81830	86650	
262	72726	74022	08715	7254/	11001	83825	87358	
222	72316	66808	09714	785//	11005	85822	87645	
302	62123	74022	12415	65632	13705	82630	86650	
334	72312	80031	12616	785//	07301	81825	87650	
318	72422	82032	12016	785//	11605	81822	87645	
204	72111	68018	10515	7553/	12606	81622	87650	
131	72412	80022	09114	756//	11705	87645		
162	82211	66808	09112	884//	09205	84710	84822	88630
135	82310	57808	08514	7847/	10303	82714	85826	87634
140	82520	60608	07014	7547/	10301	82713	84618	86645
171	72614	78038	06015	58536	08209	81820	83630	87075
091	72916	70818	04314	785/2	08309	86829		
005	42321	79011	97710	484//	06101	81710	83815	
075	62415	82251	02112	28532	05209	81820	84362	85075
010	52530	74158	99112	53500	07202	85920		
049	62320	82158	99911	6256/	11202	86820	83360	
026	62612	75018	02811	685//	07208	83825	84635	
022	72720	81021	04013	4457/	06602	81625	84635	87462
100	72511	80808	06113	6847/	11400	82818	85629	86359
917	72313	75028	08716	5857/	11710	82820	84650	86360
980	82409	75038	07215	6642/	12704	84718	84640	88461
976	82416	74216	07316	863//	15508	82709	86715	86635
965	81908	80606	10416	7647/	13617	85716	84636	88460
969	72310	70602	10817	7553/	10709	84625	86645	87359
962	72418	70506	10317	773//	16720	82707	85712	
952	82117	16586	13116	862//	15715	88704		
953	82412	65215	13017	863//	15501	88708		

OBSERVATIONS during DAY

iii	RRT T_xT_E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00191	119	+	+
862	00200	099	+	+
871	00200	118	+	+
797	00200		+	+
776	00201	110	+	+
775	00200	109	+	+
772	00211	103	+	+
586	00190		+	+
590	00190	089	+	+
497	00190	071	+	+
502	97171	077	+	r_o
627	00190	096	+	+
628	00180	087	+	+
715	00180	118	+	+
707	97181	071	$p_r o$	$p_r o$
827	00190	081	+	+
817	00171	053	+	+
804	00190	045	+	+
809	00180	039	+	+
894	97180	086	+	$p_r o$
534	00190	120	+	+
559	00200	105	+	+
462	00200	088	+	+
354	00180	071	+	+
414	00180	082	+	+
360	00190	080	+	+
396	00190	099	+	+
257	97180	076	$p_r o$	Fip.
262	00171	090	+	+
222	92160	039	$p_r o$	$p_r o$
302	00171	051	+	+
334	00181	078	+	+
318	00180	061	+	+
204	97170	056	$p_r o$	+
131	00150			
162	04151	025	$p_r o p_r$	$p_r o p_r$
135	02171	037	$p_r p_r o$	$p_r o$
140	01161	026	$p_r o p_r$	$i_r o$
171	97191	099	+	$p_r o$
091	96181	063	$p_r o$	$p_r o p_r i_r o$
005	93131	095	$p_r o$	$p_r o$
075	97151	082	$p_r o$	$p_r o$
010	97130			
049	91121	064	$p_r o$	$p_r o$
026	01141	062	$p_r o p_r$	+
022	92151	051	$p_r o$	+
100	94151	014	$p_r p_r o$	$p_r o$
917	92171	012	$p_r o$	$r_o d_o r_o d_o$
980	9416	026		
976	9517	005		
965	9718	023		
969	9718	034		
962	0218	016		
952	9118	035		
953	9517	005		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

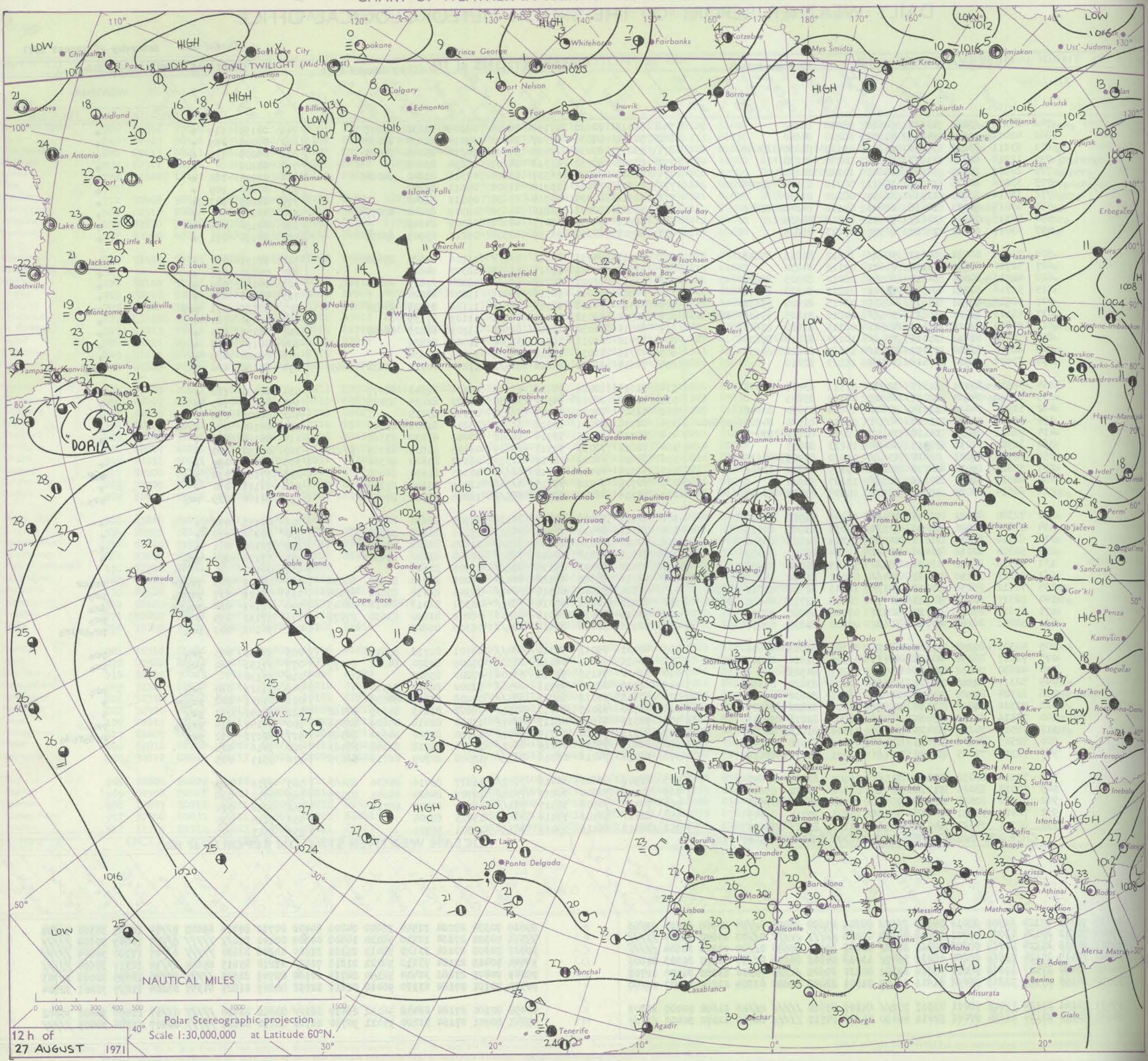
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70333	27124	61705	98012	04709	28572	00801	81820	85072	0//04	10988	30100	99/03
B	99565	70510	27124	03020	98011	13808	00900	00215	/////	/////	0//07	10890	30604	/////
C	99527	70355	27124	82715	98032	08811	884//	00305	83815	85620	0//10	11206	30604	/////
D	99440	70419	27124	73518	98258	18219	5847/	11018	84812	84358	0//17	12280	30503	24806
E	99350	70480	27123	11503	98150	25726	12501	00210	81825	/////	0//20	12553	30000	13703
I	99592	70195	27124	73215	98022	01611	58502	71501	83825	85630	05304	11282	30907	00/00
J														
K	99451	70161	27124	72410	98011	25317	757//	81105	87650	/////	0//13	11680	30000	30002
M	99660	10020	27124	61620	97022	92011	46480	00606	84717	/////	00209	11072	30406	/////

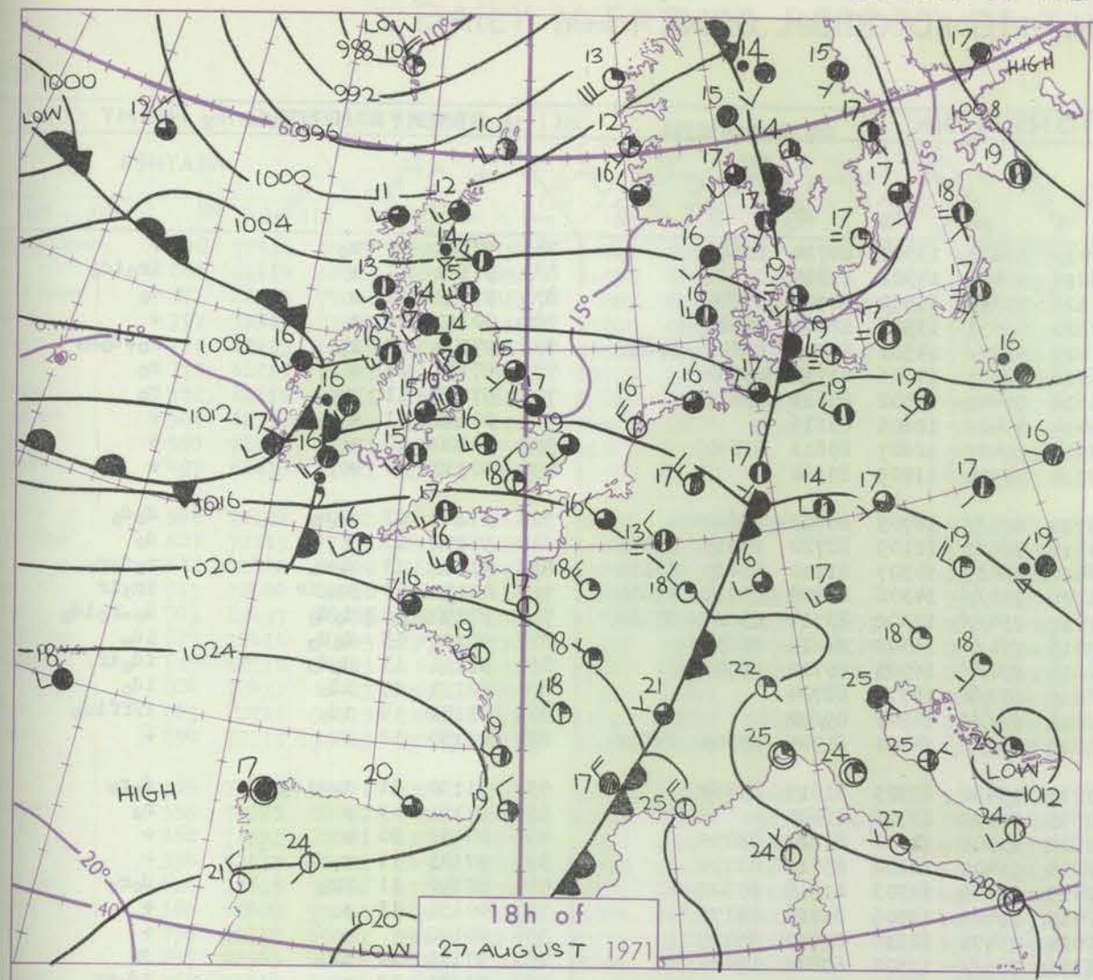
OCEAN WEATHER STATION REPORTS at 18h.

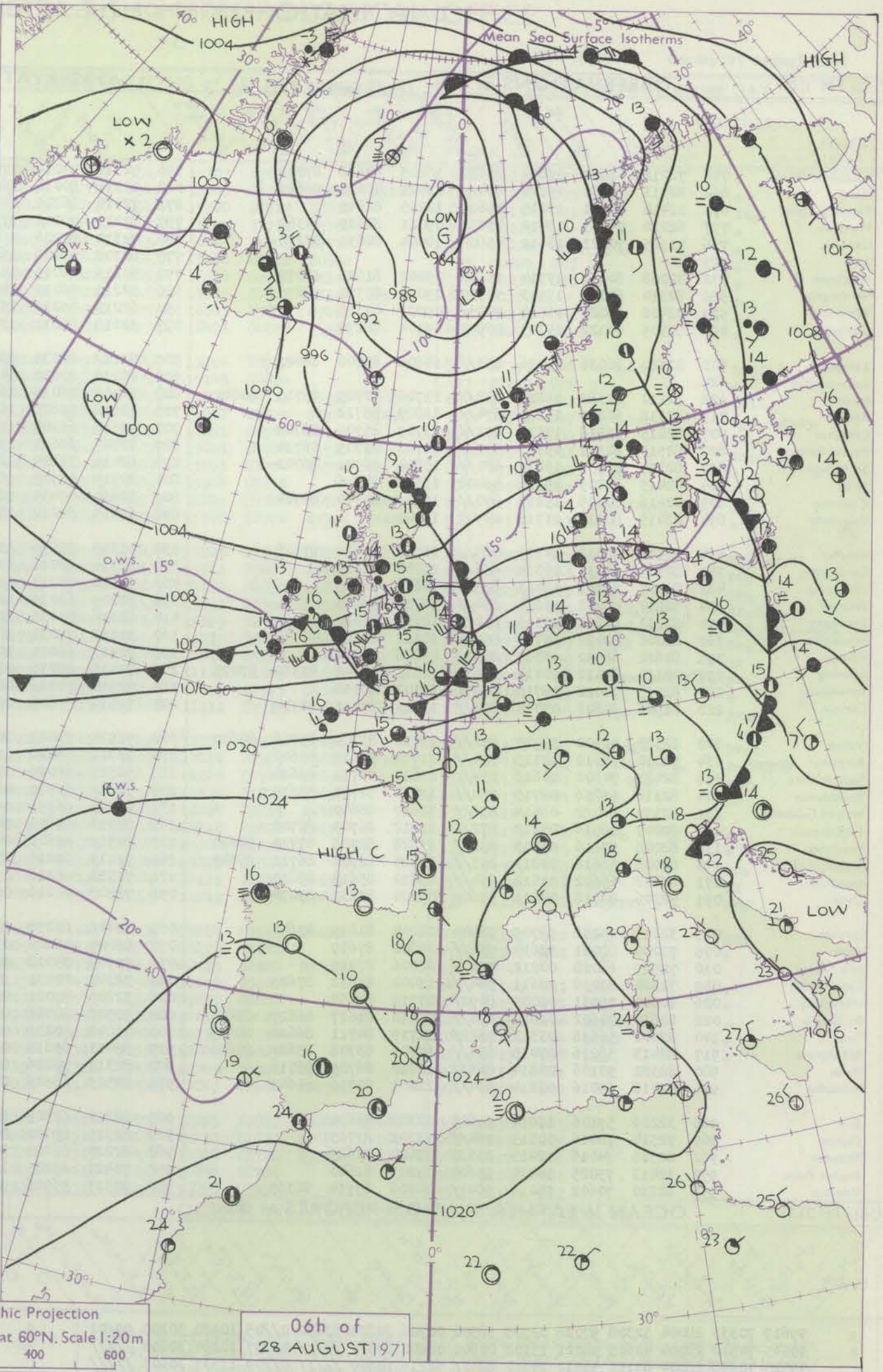
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70334	27184	71504	98802	04208	54402	00710	81716	83640	0//04	10985	30100	99/02
B	99565	70510	27184	12818	98020	14408	00901	00102	810//	/////	0//07	10849	30604	/////
C	99527	70355	27184	33123	98012	11311	31500	00206	83830	/////	0//07	11180	30604	/////
D	99440	70415	27184	73618	98022	21218	784//	21210	83815	85625	0//14	12317	30604	/////
E	99349	70479	27183	31404	98150	24725	22560	00709	82825	/////	0//20	12695	30000	12703
I	99590	70191	27184	63310	98012	01611	12552	00809	81825	84357	05204	11297	30201	32804
J														
K	99450	70160	27184	82408	96032	25417	863//	00602	88710	/////	0//17	11698	30000	30002
M	99661	10021	27184	31820	97021	90710	28560	00710	82825	/////	00007	11066	30405	/////

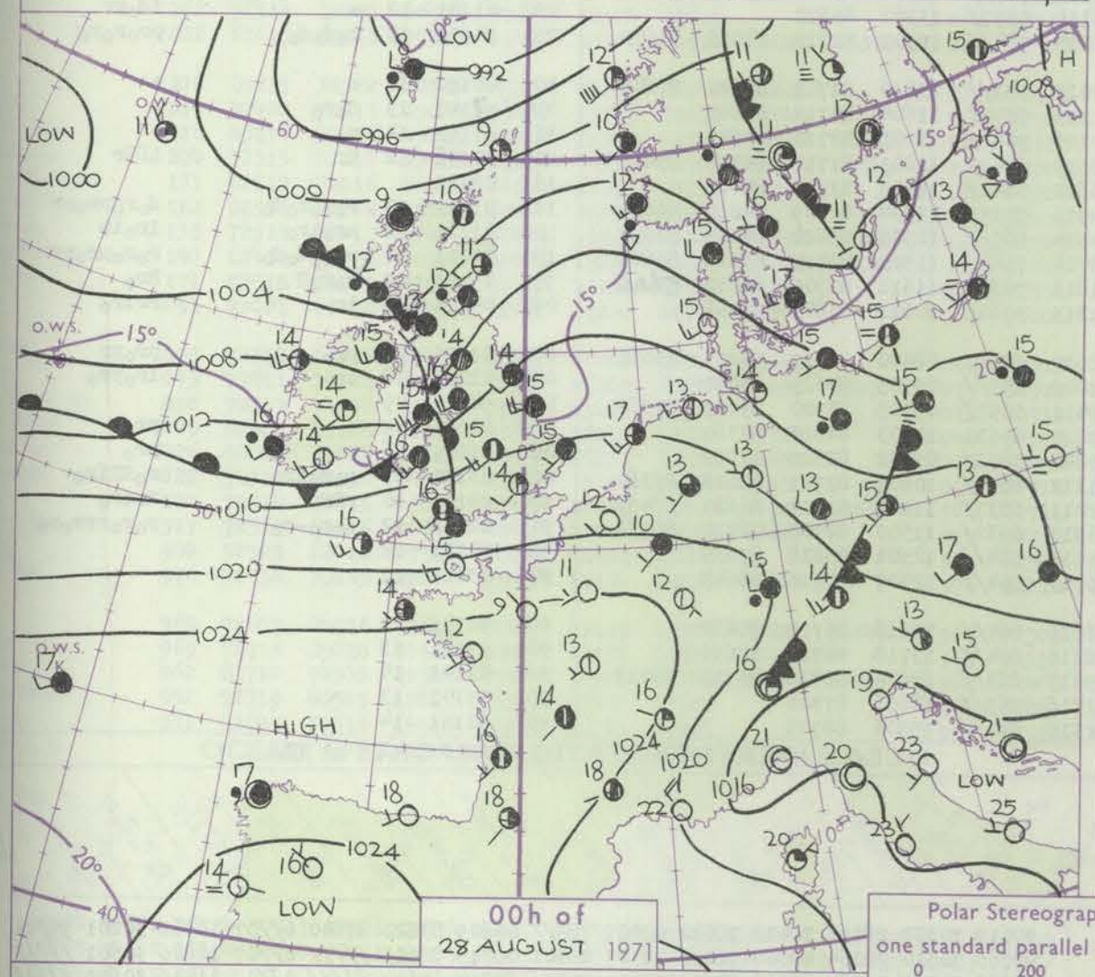
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
"DORIA"
LOW
HIGH
Whitehorse
Fairbanks
Watson Lake
Fort Nelson
Prince George
Calgary
Edmonton
Inuvik
Barrow
Mys Šmidta
Cokurdah
Verhojansk
Jakutsk
Ust'-Judoma
Ojmjakon
Oleněk
Vilujsk
Ostrov Kotel'nyj
Ostrov Žannetty
Tiksi
Hatanga
Mys Čeljuskin
Dikson
Dudinka
Igarka
Turuchansk
Tarovskoe
Mare-Sale
Aleksandrovskoe
Salehard
Muž
Harp
Harmarko-Sale
Hanty-Mansijsk
Ivdel'
Turinsk
Perm'
Ob"jačevo
Sosva
Krasnovišersk
Solikamsk
Kungur
Ufa
Orsk
Orenburg
Aktjubinsk
Kustanai
Čkalov
Kujbyšev
Saratov
Penza
Kamyšin
Volgograd
Astrachan'
Gur'ev
Groznyj
Machačkala
Derbent
Baku
Kirovsk
Murmansk
Arhangel'sk
Mezen
Lesozavodsk
Kargopol
Sančursk
Gor'kij
Moskva
Smolensk
Minsk
Kaliningrad
Gdańsk
Warszawa
Berlin
Hannover
Czestochowa
Kiev
Har'kov
Rostov-na-Donu
Odessa
Simferopol'
Sulina
Inebolu
Istanbul
Ankara
Konya
Eskişehir
Afyon
Izmir
Athinai
Larissa
Rodos
Herakleion
Mathoni
Skopje
Sofia
Beograd
Bucuresti
Craiova
Timişoara
Zagreb
Klagenfurt
Venezia
Milano
Torino
Bern
Zürich
Genève
Praha
Brno
Linz
München
Frankfurt
Köln
Essen
Bremen
Hamburg
Kopenhavn
Malmö
Oslo
Stockholm
Helsinki
Vaasa
Ostersund
Luleå
Haparanda
Narvik
Tromsø
Vardø
Jan Mayen
Thorshavn
Lerwick
Stornoway
Glasgow
Belfast
Belmullet
Valentia
Holyhead
Manchester
Aberporth
London
Paris
Brest
Bordeaux
Nantes
Toulouse
Marseille
Nice
Ajaccio
Roma
Napoli
Messina
Malta
Tunis
Bizerte
Alger
Oran
Gabes
Misurata
Benina
El Adem
Tobruk
Derna
Bengasi
Agedabia
Quargla
Laghouat
Béchar
Alicante
Mahon
Barcelona
Madrid
Porto
La Coruña
Santander
Lisboa
Gibraltar
Casablanca
Agadir
Tenerife
Funchal
Ponta Delgada
Lajes
Corvo
Bermuda
Cape Race
Gander
Sable Island
Argentia
Goose
Frobisher
Resolution
Cape Dyer
Coral Harbour
Nottingham Island
Churchill
Baker Lake
Chesterfield
Resolute Bay
Arctic Bay
Eureka
Alert
Thule
Isachsen
Cambridge Bay
Coppermine
Fort Smith
Fort Simpson
Sachs Harbour
Mould Bay
Island Falls
Regina
Rapid City
Billings
Bismarck
Winnipeg
Minneapolis
Kansas City
Omaha
Dodge City
Grand Junction
Salt Lake City
Spokane
Midland
El Paso
Chihuahua
San Antonio
Fort Worth
Lake Charles
Little Rock
Jackson
Boothville
Montgomery
Nashville
Columbus
Chicago
Detroit
St. Louis
Nakina
Moosonee
Winisk
Port Harrison
Pittsburgh
Toronto
Ottawa
Montreal
Washington
Norfolk
New York
Caribou
Nitchequon
Anticosti
Harmouth
Tampa
Jacksonville
Augusta
Charleston
Godthab
Frederikshab
Aputiteq
Angmagssalik
Narssarssuaq
Prins Christian Sund
Danmarkshavn
Nord
Pendulum Islands
Ella Island
Eureka
Alert
Thule
Hyde
Upernavik
Egedesminde
Fort Chimo
Nitchequon
Caribou
Anticosti







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 28 August 1971

The deep depression east of Iceland continued to move slowly northeast during the last 24 hours while the ridge of high pressure extending from the Azores to southern France intensified slightly. The westerly gradient over the British Isles strengthened a little and frontal troughs moved quickly east across most districts although they were relatively weak in the south. During the next 24 hours little general change is expected in the pressure distribution but a cold front will move southeast across most of Britain although waves on the front may delay its clearance from the extreme south.

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

Code FM 11.D

OBSERVATIONS at 00h. 28 August 1971

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	72212	62022	17613	25632	10805	82632	87075	
Hurn	862	82311	75031	19116	854//	12001	82618	88629	
Thorney Island	871	22414	80021	19215	25600	12205	82645		
Manston	797	62210	74031	18412	45651	09011	84635	84362	
Gatwick	776	71905	70021	18612	45608	10004	84630	87275	
Kew	775								
Heathrow	772	32008	80011	17714	15502	09002	81626	83075	
Honington	586	82310	64031	15913	50937	09001	85360	88275	
Wattisham	590	72408	64021	16513	7093/	09001	87365		
Gorleston	497	82305	60022	15315	00907	09304	88275		
Aberporth	502	82116	66036	14116	853//	14608	83708	88625	
Ross-on-Wye	627								
Filton	628	82110	62582	16814	853//	11706	82709	85711	88621
Rhoose	715	82318	66216	16215	874//	13809	88712		
Chivenor	707	82215	32518	17116	872//	15709	85705	88708	
Mount Batten	827	82515	62511	19316	873//	14703	81709	88714	
St. Mawgan	817	82315	28515	18815	870//	15804	86701	88702	
Scilly	804	42415	69205	19516	48400	15002	84816		
Culdrose	809	82616	50205	19215	870//	15001	84700	88704	
Guernsey	894	02415	80018	21715	00900	12101			
Elmdon	534	72113	70012	14515	755//	11610	82620	87628	
Cardington	559	82111	61031	16314	856//	11804	88631		
Wittering	462	82207	62031	15013	855//	10605	88625		
Watnall	354	82210	66032	13814	854//	10710	88618		
Shawbury	414	82211	80601	13115	854//	12711	88614		
Finningley	360	82008	82022	12714	858//	10712	88657		
Kilnsea	396	82622	66032	13015	8097/	09806	88360		
Leeming	257	72114	69012	10414	35632	11813	83640	83362	87075
Tynemouth	262	82115	74022	08715	8097/	13103	88358		
Carlisle	222	81506	65608	07714	874//	13816	83711	88714	
Valley	302	82123	56102	10715	852//	15712	83704	85706	88632
Ringway	334	72010	75012	12115	754//	11714	86618	83640	
Squires Gate	318	82421	70602	10616	854//	15814	85710	88614	
Ronaldsway	204	82118	61036	08715	852//	13714	84705	88635	
Mull of Galloway	131	82330	80022	06414	856//	12617	88640		
Eskdalemuir	162	82007	48516	07112	872//	11818	86703	88708	
Prestwick	135	82008	57216	05213	853//	13828	82708	87710	88620
Abbotsinch	140	82008	56616	04813	853//	12823	82708	86711	88640
Leuchars	171	82208	66602	05612	854//	09810	85618	88630	
Dyce	091	52306	80018	04811	35602	09804	83632	85070	
Lerwick	005	32415	74258	98709	38400	08204	81815	83640	
Wick	075	72006	82021	02610	756//	05802	87639		
Sule Skerry	010	72519	66028	00212	734//	08206	87915		
Cape Wrath	049	72324	81038	00611	784//	11400	85818	87625	
Stornoway	026	80000	75031	02009	8092/	07712	88458		
Benbecula	022	82610	74602	02812	854//	09610	81617	86627	88635
Tiree	100	82402	56638	03312	7542/	11719	84711	86620	88535
Aldergrove	917	82413	58216	07015	853//	14705	83708	85620	88656
Malin	980	82322	50106	04814	863//	12610	86709	88716	
Belmullet	976	52418	69016	08114	554//	11001	82716	84643	
Birr	965	32209	59106	11814	35600	12308	83634		
Dublin	969	72514	70016	10115	764//	13301	87715		
Shannon	962	22518	74016	12415	25530	13400	82625		
Roches Point	952	12413	75025	14414	15600	13203	81640		
Valentia	953	82210	70602	14016	5647/	14806	85714	88365	

OBSERVATIONS at 06h. 28 August 1971

	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
	746	52511	74016	17015	56431	13304	84714	83626	
	862	12311	80016	18216	18401	14302	81815		
	871	72418	66205	18116	753//	15502	84709	87640	
	797	72213	70022	17315	75531	13506	82620	87628	
	776	72310	61206	17415	753//	14502	82708	83616	87622
	775	62308	66026	16716	48431	14606	81714	83632	
	772	62213	68016	16616	55441	13502	84616	85632	
	586	52211	66012	14414	45402	12605	83616		
	590	62213	69012	15114	55402	12607	85613	83070	
	497	32018	62011	13714	30970	11709	83360		
	502	82117	62031	13715	853//	14705	86708	88620	
	627	62210	70022	14716	365/1	12105	82720	83635	85075
	628	62408	78036	16416	48439	14307	81710	83625	85175
	715	72518	58606	16216	753//	14306	82708	85712	87620
	707	72515	62205	17017	754//	15302	83714	85624	87636
	827	72507	62025	19016	754//	16302	84615	86632	
	817	82416	32205	18216	860//	16703	85701	88702	
	804	82315	48505	18216	872//	16710	88704		
	809	92610	07434	18816	9////	16500	89/00		
	894	62415	81012	21015	652//	14703	81705	83709	86611
	534	42315	75036	13215	15430	12503	81615	84364	
	559	22116	62016	14515	15532	13706	81620		
	462	32316	80011	12814	11501	12510	81820	83075	
	354	72209	62036	12214	56409	12602	85717	83175	
	414	62516	80036	12415	50489	12303	81818	85622	
	360	32213	77031	10415	15409	12506	81718	83175	
	396	52523	66031	10014	16479	12510	81710	85175	
	257	72415	82036	08116	785//	11502	83822	87650	
	262	72510	74026	06115	5557/	13302	85620		
	222	72516	75806	06215	784//	12301	82712	84818	87650
	302	71924	74021	10015	753//	13810	81707	84620	87645
	334	72311	75026	11116	7844/	11604	81712	87640	
	318	72521	82026	10116	754//	13203	82710	87645	
	204	72212	60581	08515	6842/	12801	81712	84714	85645
	131	82420	66151	06613	3642/	11305	83712	88460	
	162	82316	64806	04913	7837/	11504	82709	84818	86635
	135	82515	62606	04914	885//	12501	82820	84625	88650
	140	72115	62216	03714	7547/	11501	81712	83628	86645
	171	72513	66216	01813	753//	11611	82709	84630	87645
	091	72508	70216	01211	3562/	10611	83645	87456	
	005	72408	66258	98610	68471	08400	82711	83625	85630
	075	83005	48606	01009	855//	09505	84625	88640	
	010	72709	74018	99411	5357/	09705	83920	85625	87360
	049	72307	82031	99810	45531	10703	84620	87360	
	026	72205	75021	00810	3853/	09602	82825	87359	
	022	72508	80026	01212	6847/	10601	81711	86628	87360
	100	71808	80216	02211	6837/	11207	81707	86627	87459
	917	82411	65616	06913	6632/	11500	82708	86710	88556
	980	82317	70026	04613	884//	12501	83818	87635	
	976	82509	68506	06713	854//	12507	83716	88645	
	965	82212	62505	08816	864//	15618	86712	88632	
	969	82315	80022	08115	854//	13718	84713	88630	
	962	82220	82205	09517	863//	15606	82708	86712	88715
	952	72423	65205	12716	763//	16606	87706		
	953	82317	56506	12316	862//	15506	88705		

OBSERVATIONS during NIGHT

	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
	746	97121	07	r_o	+
	862	97141	11	ir_oid_o	
	871	97150	11	+	d_o
	797	00110	09	+	+
	776	97101	07	r_o	r_o-d_or_o
	775	97130	11	+	r_o
	772	97140	11	+	r_o
	586	00130	11	+	+
	590	00120	10	+	+
	497	00130	10	+	+
	502	97141	13	d_or_o	d_od_o
	627	97150	13	+	d_o
	628	91141	13	d_or_o	$r_od_or_o$
	715	02151	13	ir_oir	ir_oir
	707	97150	15	d_od_o	d_o-r_oid_o
	827	97151	13	d_od_o	id_o
	817	91151	13	d_od_o	id_oif
	804	92151	15	id_o	id_o
	809	93151	14	id_o	$iFfid_o$
	894	00150	12	+	+
	534	91130	11	ir_oid_o	d_or_o
	559	97130	09	+	r_o
	462	00130	10	+	+
	354	97121	11	r_od_o	+
	414	92140	11	rr_o	d_or_o
	360	00130	13	+	+
	396	00140		+	+
	257	97131	13	ir_o	jp
	262	01131	12	+	id_orr
	222	94131	13	$r_od_od_o$	$pr_or_or_o$
	302	00150	13	+	+
	334	97140	13	d_or_o	+
	318	97150	14	r_o	+
	204	07132	12	dr	iDRr
	131	02121			
	162	03112	10	$r_od_or_od_o$	$d_or_opr_opr$
	135	01121	12	pr_oir_o	ir_oir
	140	02121	11	$r_or_od_od_o$	$r_or_opr_opr$
	171	05121	11	r_or_oR	Rr_o
	091	04101	08	ir	$rrir_o$
	005	01091	07	pr_o	pr_opr
	075	01091	08	ir	ir_opr_o
	010	94100	09		
	049	01091	09	+	pr_o
	026	91081	06	+	pr_o
	022	03111	09	$r_or_oir_o$	r_oRRir_o
	100	24111	10	rRR	$Rrir_o$
	917	02132	12	d_or_o-r_o	$r_or_orrr_or_o$
	980	04131	12		
	976	03121	11		
	965	96141	13		
	969	97141	13		
	962	01141	14		
	952	97141	13		
	953	91151	14		

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_vs_app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70333	28004	52308	97028	03709	58500	00706	82824	83630	0//05	10980	30100	99/02
B	99565	70510	28004	42605	98021	15108	00901	00202	840//	/////	0//07	10894	30603	/////
C	99525	70358	28004	83116	96512	14610	884//	52216	85820	/////	0//09	11337	30605	/////
D	99439	70412	28004	33415	98012	24017	38400	00111	81815	/////	0//12	12336	30604	/////
E	99350	70480	28003	10000	98020	25725	12500	00311	81825	/////	0//19	12696	30000	/////
I	99590	70190	28004	23403	98021	01710	11540	00605	81820	/////	05504	11296	30000	32803
J														
K	99451	70160	28004	82412	96014	25617	863//	00802	88707	/////	0//16	11685	30000	30002
M	99660	10020	28004	51720	97258	88510	49560	00709	84920	/////	05106	11060	30405	/////

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_vs_app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	28064	72412	98032	02009	785//	00609	83820	87640	0//07	10962	30201	99/04
B	99565	70510	28064	42308	98030	12507	25401	00715	82615	/////	0//07	10826	30501	/////
C	99518	70366	28064	83216	97205	15411	854//	52210	88620	/////	0//08	11446	30605	/////
D	99439	70412	28064	23613	98020	25416	28400	00105	81815	/////	0//09	12335	30503	/////
E	99350	70480	28063	02304	98020	24524	00900	00707	/////	/////	0//20	12626	30000	/////
I	99589	70188	28064	40103	98030	02310	11541	00303	81820	83357	05504	11294	30000	32802
J														
K	99451	70160	28064	82511	96032	24216	862//	00607	88704	/////	0//16	11662	30000	30002
M	99659	10020	28064	42020	97158	87509	39560	00605	83925	/////	05205	11056	30405	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 : by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40092

Date of Issue Sunday 29 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 28 August 1971

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	72416	69022	17019	754//	16604	86711	87614	
Hurn	862	82414	56505	18718	853//	16502	84706	88612	
Thorney Island	871	82520	74025	18618	883//	16802	82706	85707	88635
Manston	797	32319	81031	17422	11541	15205	81825	83362	
Gatwick	776	82415	62506	18219	853//	16500	87709	88630	
Kew	775	62213	74022	16821	5853/	15703	83824	83642	
Heathrow	772	62216	81011	16722	68532	15805	82822	85650	
Honington	586	62318	82032	13621	21632	14707	82830	85075	
Wattisham	590	72419	80031	14422	756//	15301	87630		
Gorleston	497	62418	61021	13521	6097/	13400	86360		
Aberporth	502	72120	59202	14117	762//	16002	82704	87708	
Ross-on-Wye	627	72115	77255	14120	7254/	16601	87825		
Filton	628	72420	82206	16220	773//	17804	87709		
Rhoose	715	72020	64016	16419	46432	17001	84711	86362	
Chivenor	707	82417	48536	18017	872//	16206	81703	85707	88711
Mount Batten	827	72416	58205	19717	7723/	16105	82704	86708	86359
St. Mawgan	817	82518	56205	19416	871//	15107	83702	86704	88706
Scilly	804	72413	66025	19918	764//	16106	87612		
Culdrose	809	82716	56515	19616	851//	16002	83702	88622	
Guernsey	894	72319	78025	22417	753//	15204	82709	87614	
Elmdon	534	72420	84031	12621	785//	15806	85825	84650	
Cardington	559	72321	80011	14521	68532	15709	83825	85630	85070
Wittering	462	72321	82021	12523	48531	15707	83825	85360	
Watnall	354	72517	78202	10521	785//	16713	85820	83645	
Shawbury	414	72615	78586	11819	754//	16801	81713	87620	
Finningley	360	62420	75011	08922	48532	15814	84825	84075	
Kilnsea	396	62530	66031	09121	32571	12715	83820	85360	
Leeming	257	82905	48616	08115	854//	15504	84712	88620	
Tynemouth	262	72514	81022	06716	756//	12504	87635		
Carlisle	222	62615	83218	07315	48471	12301	81710	84818	85360
Valley	302	82227	32582	10716	852//	15307	86704	88614	
Ringway	334	72420	75211	09820	754//	15301	85618	87645	
Squires Gate	318	83114	40596	09516	853//	15307	83706	86710	88615
Ronaldsway	204	72513	82216	09416	752//	14315	83705	85708	85645
Mull of Galloway	131	42512	82016	08514	22631	13316	82830	83360	
Eskdalemuir	162	62516	80258	06315	625/1	10205	86822		
Prestwick	135	72512	74018	07414	38431	12318	81814	83650	85360
Abbotsinch	140	62418	78018	06017	58430	12211	81818	83822	85630
Leuchars	171	72515	83801	03917	785//	11205	85827	83650	
Dyce	091	73008	81026	03015	1247/	11210	81715	86360	
Lerwick	005	72314	66808	99412	6847/	08203	84818	85645	
Wick	075	73011	74028	02113	50432	08209	83818	84635	85070
Sule Skerry	010	72513	74808	01412	735//	09214	87920		
Cape Wrath	049	62307	81168	02111	3257/	11215	83820	85360	
Stornoway	026	52812	80018	03314	585//	08313	82820	84632	
Benbecula	022	72510	82156	04713	7843/	10315	84814	87630	
Tiree	100	72718	40811	05015	734//	12212	82710	84915	87656
Aldergrove	917	72511	81026	08616	6843/	12212	83818	85645	
Malin	980	52522	82018	07516	58500	12112	83820		
Belmullet	976	72416	78035	10017	785//	13114	85820	85640	
Birr	965	72607	80026	11617	784//	13115	83716	83820	86640
Dublin	969	72713	89026	10517	724//	13231	82716	86820	
Shannon	962	82710	74505	12916	873//	14224	81708	85716	87640
Roches Point	952	72319	40505	13618	763//	17400	87707		
Valentia	953	82607	30516	14416	862//	16213	88704		

OBSERVATIONS at 18h. 28 August 1971

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	72609	80022	16919	754//	15303	87616		
	862	62316	70015	18318	35430	15603	81710	83620	85360
	871	82519	77025	18418	854//	15500	87712	88630	
	797	72218	66021	16518	3643/	16807	83711	87360	
	776	72513	62025	17618	763//	16503	84709	87712	
	775	72109	70012	16420	6853/	16500	84822	86650	
	772	72214	70022	16221	3853/	16500	82820	86360	
	586	72519	80032	13221	44632	14101	84632	83362	85072
	590	72215	70022	13920	5257/	16603	85825	87465	
	497	52120	62022	12822	42570	16401	84825	85360	
	502	82319	59025	14916	864//	15206	88712		
	627	82310	70022	14818	855//	15105	88620		
	628	82522	64032	16718	884//	15500	84711	83815	87635
	715	82518	56506	16817	852//	16002	84704	87706	88620
	707	82416	66205	17917	873//	16101	84707	88710	
	827	82411	59506	19416	852//	16805	84704	85710	88625
	817	82315	62025	19117	852//	15803	83704	85706	88622
	804	72411	61021	19417	754//	15704	87616		
	809	82610	64105	19416	6832/	16802	84706	86625	88460
	894	72517	74022	21617	753//	15705	83706	85708	86616
	534	72413	84252	13719	784//	15305	83818	86627	
	559	72420	66808	15219	5853/	15311	85820	86362	
	462	72318	83028	13120	786//	14110	84830	86640	
	354	82614	74608	12617	853//	15211	82708	86710	88642
	414	82720	56616	13417	873//	15309	82709	85710	88714
	360	82710	61218	12117	855//	15215	85620	88635	
	396	82722	58606	11018	5957/	16222	85920	88460	
	257	72810	89028	11117	5853/	11119	81825	85650	86362
	262	52711	66021	09717	33538	13219	83925	84358	
	222	72508	74022	10115	50433	13111	82712	84635	86359
	302	72114	66026	12616	752//	15103	81704	87656	
	334	72706	57216	12815	5527/	14014	82704	85628	87358
	318	72612	75016	12416	754//	14106	81710	87656	
	204	72309	86022	11815	785//	13110	81820	87656	
	131	62906	80028	10915	3263/	12214	83835	84360	
	162	52614	80038	09214	38532	09113	81824	83633	
	135	32709	84011	09814	28541	10208	81825		
	140	12617	86018	08515	11540	09215	81825		
	171	72711	83028	07116	7864/	10121	82830	86650	
	091	73206	70808	06513	785//	11219	83825	87640	
	005	62713	80038	01911	6843/	05214	83818	84635	
	075	32911	84018	05712	38530	06218	81822		
	010	72713	74038	04712	735//	08215	82920	87625	
	049	52308	81152	05411	52500	11219	85820		
	026	62712	82031	06913	615//	07217	86828		
	022	22711	83028	08014	21500	10213	82821		
	100	22711	81028	09014	28400	09215	82814		
	917	52711	82038	10916	58530	12209	83825		
	980	62509	82258	10314	634//	13209	85918	83645	
	976	52212	80031	11116	22532	13801	82820	83070	
	965	72303	81022	13416	6857/	12205	83823	86640	87460
	969	72510	80028	12517	5853/	12210	81823	85650	85360
	962	82406	75218	13315	864//	14004	83710	85718	86630
	952	82417	56605	14616	873//	16000	88706		
	953	82312	10586	13317	862//	16806	88703		

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	00211	038	+	+
	862	97200	035	$1d_o$	+
	871	97190	021	d_o	$1d_o$
	797	00220		+	+
	776	97221	029	d_od_o	+
	775	00220	067	+	+
	772	00230	053	+	+
	586	00230		+	+
	590	00230	069	+	+
	497	00240	068	+	+
	502	92171	000	$d_od_o1d_o$	$1d_od_od_o$
	627	97210	026	pr_o	+
	628	97211	021	r_od_o	d_o1d_o
	715	01191	007	$d_od_or_or_o$	$r_od_od_or_or_o$
	707	97190	000	$1d_od$	$1d_o$
	827	97181	003	$d_od_oir_o$	$ir_od_od_o$
	817	97181	000	d_od_o	+
	804	00190	011	+	+
	809	91180	000	$1d_offd_od_o$	if
	894	97170	001	$1d_o$	+
	534	92221	027	pr_o	$pr_od_or_odr$
	559	97240	065	pr_o	pr_o
	462	91231	043	pr_o	pr_o
	354	02211	033	$ir_o1d_opr_o$	$ir_od_or_odr$
	414	01191	005	$d_or_od_or_or_or$	$d_or_od_or_o$-r_or_o
	360	02231	039	pr_opR	Rr_o
	396	03220	039	irR	ir
	257	09191	012	~~rrRRpr$_o$ DRP RRpC~~	pr_o
	262	00191	025	+	+
	222	93181	038	r_or_or	pr_o
	302	01181	001	$d_or_od_oir_o$	pr_o
	334	12211	023	r_o~~Rrrrrrr$_o$~~	r_orRrr_o
	318	01181	001	r_oRrdrd_o	r_or_o
	204	04171	004	$1R1r_o$	jp
	131	01171			
	162	96171	061	$prpr_o$	+
	135	97170	048	pr_o	+
	140	91171	068	pr_o	pr_o
	171	97191	077	pr_o	jp
	091	01171	020	ir_oxpr_o	pr_o
	005	92131	042	pr_o	pr_o
	075	97141	041	pr_o	+
	010	95141			
	049	91121	051	ir_o	+
	026	91150	070	pr_o	+
	022	92151	066	ir_opr_o	+
	100	03161	084	prpR	+
	917	97171	038	pr_o	+
	980	0217	066		
	976	9717	090		
	965	0318	001		
	969	0218	027		
	962	0117	000		
	952	9118	001		
	953	0118	002		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

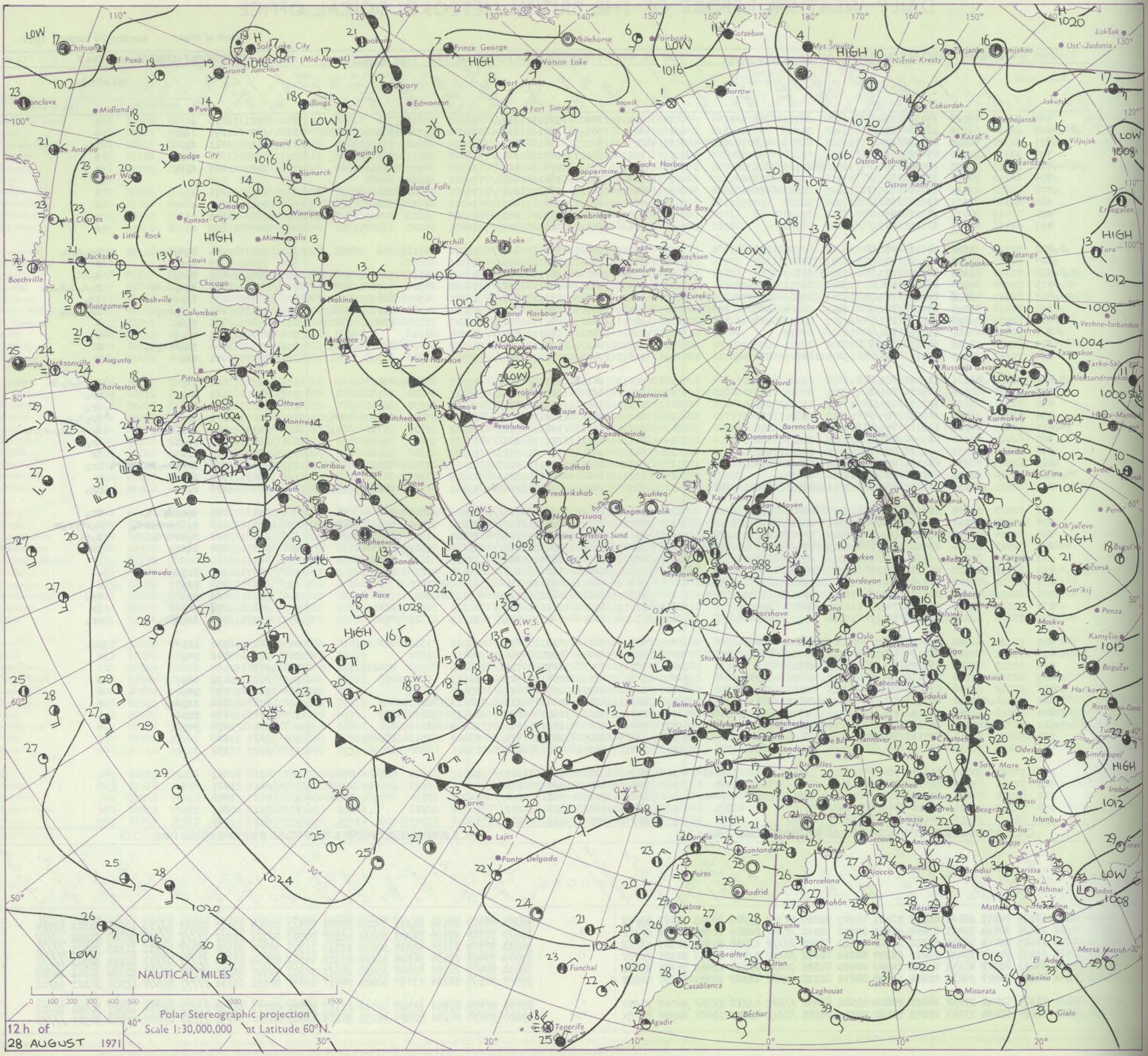
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	28124	52317	98022	00810	28431	00707	81817	/////	0//06	10993	30303	99/03
B	99565	70510	28124	32010	98021	09409	20931	00719	82362	/////	00709	10857	30501	/////
C	99514	70375	28124	33018	98020	18312	31500	52213	83820	/////	0//10	11336	30605	/////
D	99440	70410	28124	60217	98022	28017	65500	00214	86630	/////	0//09	12117	30504	/////
E	99350	70480	28123	62407	98151	25325	12506	00103	81825	862//	0//20	12625	30301	13702
I	99589	70188	28124	20603	98031	05411	11642	00214	81830	/////	05303	11273	30000	32802
J														
K	99451	70160	28124	62010	97032	24217	65600	00802	86643	/////	0//16	1////	30000	30202
M	99660	10024	28124	62120	97258	89109	49560	00211	84925	/////	05205	11064	30506	/////

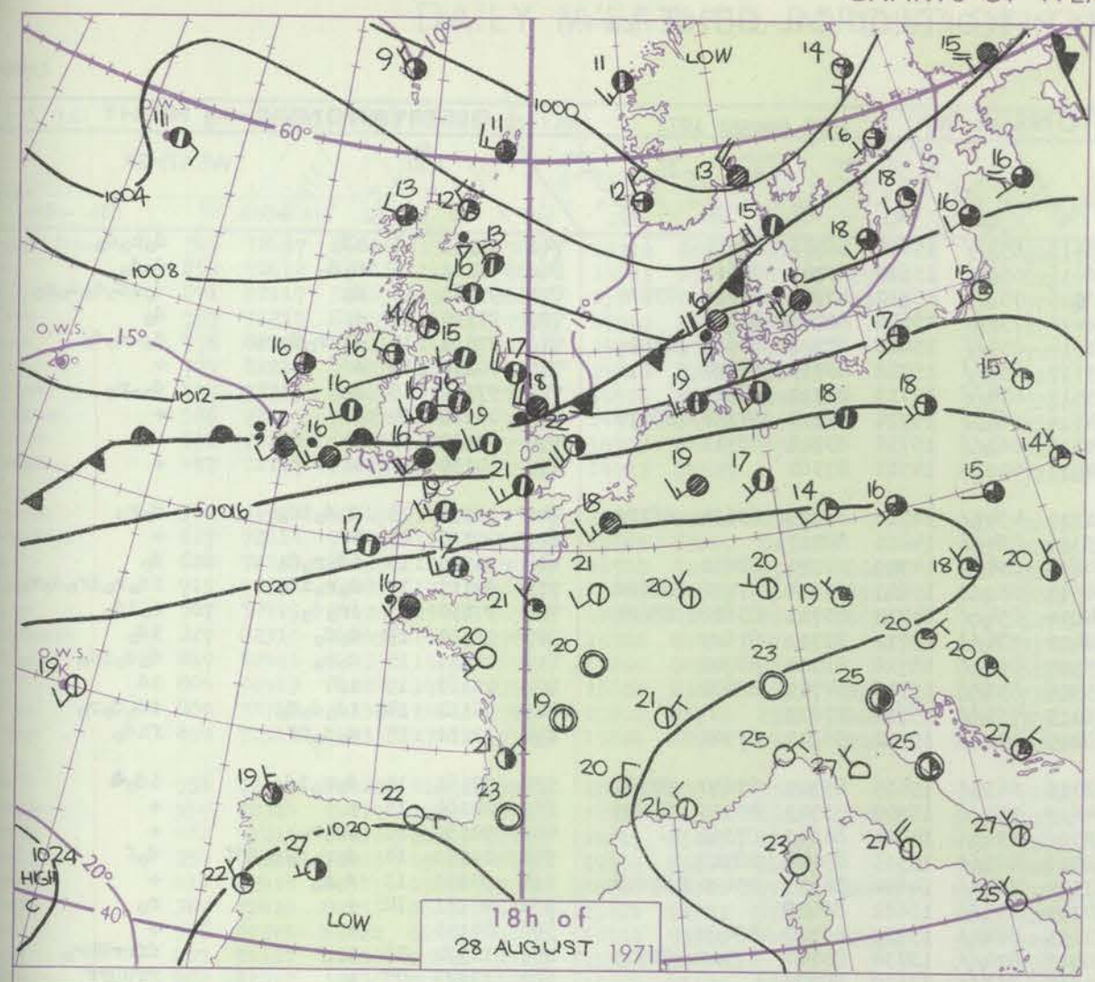
OCEAN WEATHER STATION REPORTS at 18h.

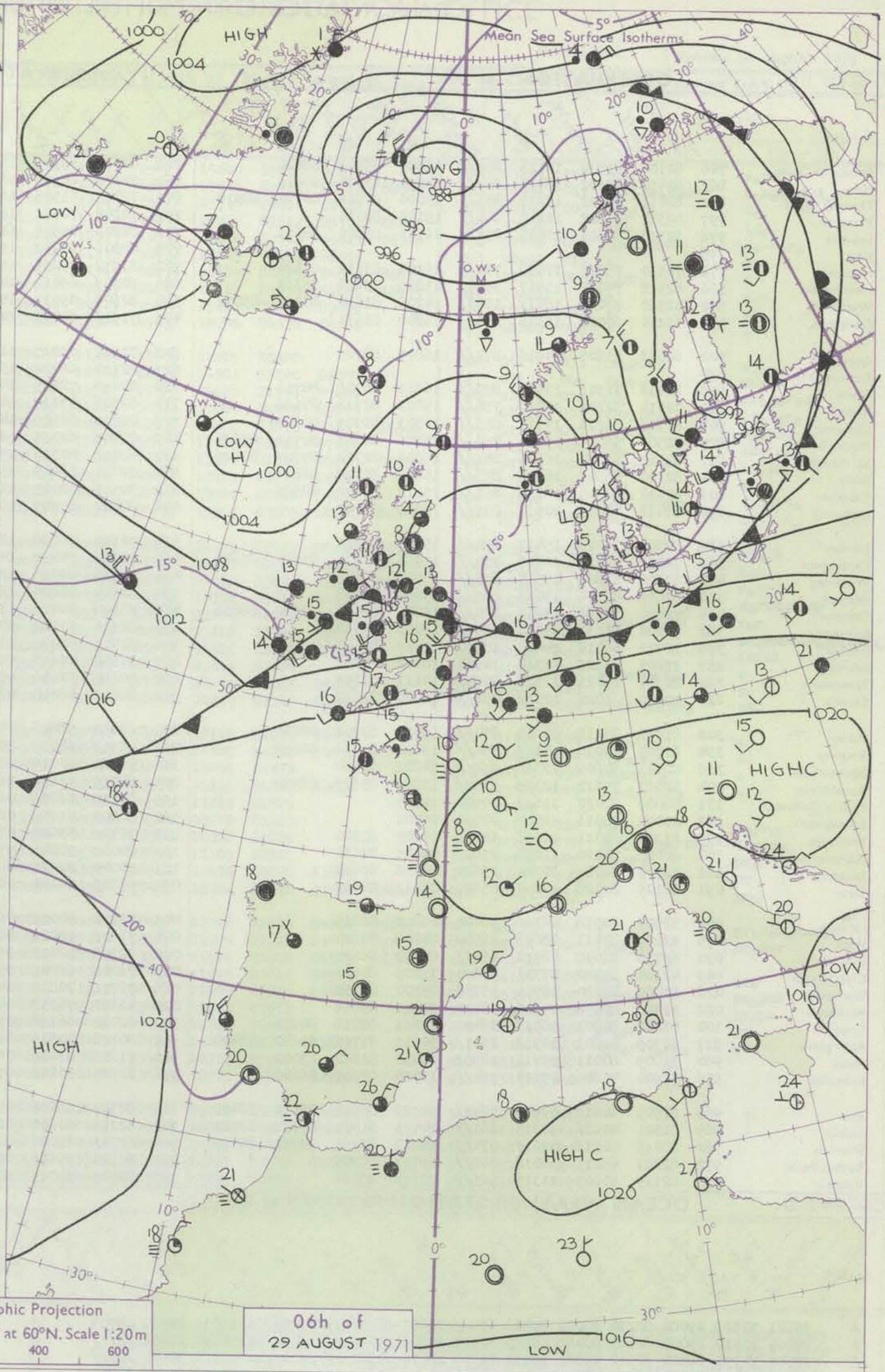
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70329	28184	82213	98208	99908	854//	00804	83615	88622	0//06	11005	30303	25704
B	99565	70510	28184	72205	98031	05910	00906	00721	872//	/////	0//08	10865	30501	/////
C	99511	70379	28184	62814	98031	18614	11506	52500	81830	860//	0//12	11338	30505	/////
D	99439	70409	28184	50214	98022	28918	54500	00204	85630	/////	0//12	12191	30503	/////
E	99350	70479	28183	62402	98031	24527	32502	00607	83825	/////	0//20	12664	30201	15802
I	99589	70187	28184	71010	98021	04111	65650	00712	86630	/////	05404	11300	30201	99/02
J														
K	99450	70159	28184	12210	98011	22318	15740	00711	81650	/////	0//16	11727	30000	30202
M	99657	10026	28184	52325	97258	92209	49660	00220	84936	/////	05306	11082	30507	/////

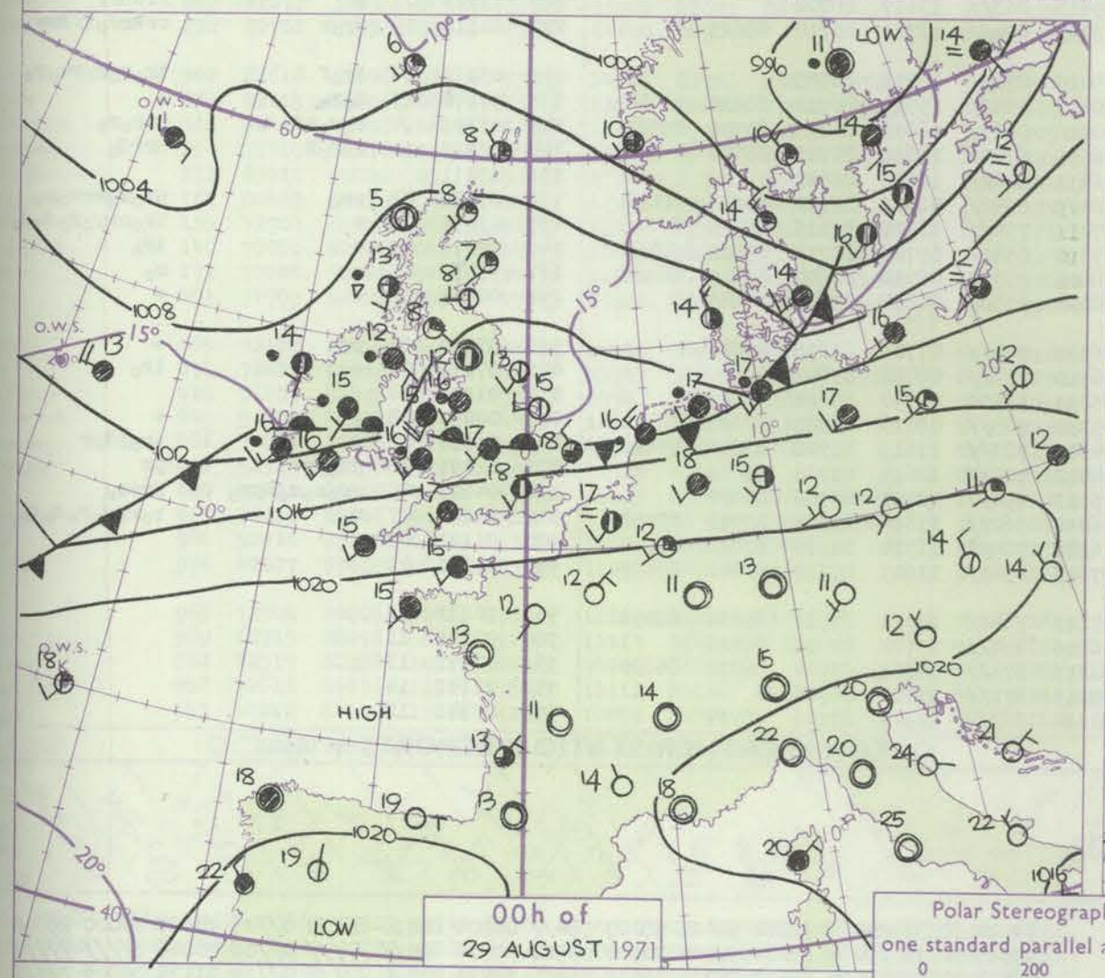
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-August)
LOW
HIGH
DORIA
Whitehorse
Prince George
Watson Lake
Fairbanks
Kotzebue
Barrow
Inuvik
Fort Simpson
Edmonton
Calgary
Billings
Rapid City
Regina
Bismarck
Island Falls
Winnipeg
Omaha
Kansas City
Minneapolis
Chicago
St. Louis
Little Rock
Jackson
Nashville
Columbus
Montgomery
Charleston
Augusta
Jacksonville
Pittsburgh
Washington
Norfolk
Ottawa
Montreal
Caribou
Anticosti
Gaspe
Stephenville
Gander
Sable Island
Cape Race
Bermuda
Churchill
Baker Lake
Chesterfield
Winisk
Moosonee
Coral Harbour
Nottingham Island
Port Harrison
Clyde
Resolution
Cape Dyer
Frobisher
Kuujjuaq
Fort Chimo
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Sachs Harbour
Coppermine
Cambridge Bay
Mould Bay
Resolute Bay
Eureka
Alert
Nord
Thule
Upernavik
Egedesminde
Godthab
Frederikshab
Narssarssuaq
Prins Christian Sund
Angmagssalik
Reykjavik
Jan Mayen
Barrow
Kotzebue
Fairbanks
Mys Šmidta
Nižnie Kresty
Čokurdah
Verchojansk
Ostrov Kotel'nyj
Ostrov Kotel'nyj
Kazač'e
Ojmjakon
Ust'-Judoma
Lokšak
Jakutsk
Viljujsk
Olenek
Tura
Jatanga
Ust' Celjuskin
Uelmeniyo
Verhne-Imbatskoe
Tazovskoe
Tarko-Sale
Aleksandrovskoe
Mare-Sale
Russkaja Gavan'
Dikson Ostrov
Barencburg
Hopen
Danmarkshavn
Scoresbysund
Thorshavn
Vardø
Vaasa
Oslo
Stockholm
Helsinki
Narvik
Bodø
Trondheim
Murmansk
Arkangel'sk
Ob"jačevo
Buguruslan
Kargopol'
Vologda
Gor'kij
Kamyšin
Bogučar
Moskva
Penza
Minsk
Warszawa
Gdańsk
København
Glasgow
Manchester
London
Belmullet
Valentia
Scilly
Brest
Bordeaux
Paris
Hannover
Berlin
Amsterdam
Bruxelles
Frankfurt
München
Stuttgart
Genève
Milano
Venezia
Genova
Ancona
Roma
Ajaccio
Barcelona
Mahón
Alicante
Madrid
Santander
Porto
Lisboa
Sagres
Gibraltar
Casablanca
Agadir
Tenerife
Funchal
Ponta Delgada
Lajes
Corvo
Laghouat
Béchar
Oran
Alger
Bone
Tunis
Misurata
Gabès
Malta
Benina
Gialo
Mersa Matruh
El Adem
Athinai
Rodos
Iraklion
Mathi
Messina
Brindisi
Bari
Beograd
Zagreb
Sofia
Istanbul
Konya
Simferopol'
Odesta
Suceava
Cluj
Satu Mare
Inebolu
Samsun
Tbilisi
Rostov-na-Donu
Har'kov
Kiev
Lvov
Czestochowa
Tura
Ivdel'
Cil'ma
Usinsk
Pečora
Abseda
Dudinka
Verhne-Imbatskoe
Ust'-Cil'ma
Ivdel'
Ob"jačevo
Buguruslan
Kargopol'
Vologda
Gor'kij
Kamyšin
Bogučar
Rostov-na-Donu
Simferopol'
Inebolu
Samsun
Tbilisi
Konya
Rodos
Mersa Matruh
El Adem
Benina
Misurata
Gialo
Gabès
Malta
Tunis
Bone
Alger
Oran
Laghouat
Béchar
Casablanca
Agadir
Tenerife
Funchal
Ponta Delgada
Lajes
Corvo
Gibraltar
Madrid
Porto
Lisboa
Sagres
Santander
Bordeaux
Barcelona
Mahón
Alicante
Ajaccio
Roma
Genova
Venezia
Milano
Genève
Zagreb
Beograd
Bari
Brindisi
Messina
Mathi
Iraklion
Athinai
Rodos
Konya
Sofia
Istanbul
Suceava
Cluj
Satu Mare
Odesta
Simferopol'







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 29 August 1971

The depression over the Norwegian Sea has become slow-moving near Jan Mayen and filled a little during the last 24 hours. Pressure has remained low from Iceland to the Davis Strait, and high from the Azores to western Europe. The strong south-westerly flow covering much of the British Isles has weakened, but a slow-moving frontal trough has persisted over central districts with minor waves on the front running northeastwards over these areas. During the next 24 hours little general change is expected in the general pressure pattern, but a gradual southeastward displacement is expected of the frontal zone over central Britain, with a somewhat drier westerly airstream becoming established over most of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. 29 August 1971

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	82108	61502	18116	853//	15400	85708	88620	
Hurn	862	82410	62502	18917	854//	15000	83710	88615	
Thorney Island	871	82415	59502	18817	853//	15000	84708	86710	88618
Manston	797	82312	80022	18217	855//	15105	88620		
Gatwick	776	82310	30605	18517	853//	16105	83708	88616	
Kew	775								
Heathrow	772	72110	75025	17818	754//	15104	81712	87624	
Honington	586	62512	74012	15917	3547/	15209	83616	86362	
Wattisham	590	52510	74021	16417	15631	14208	81630	83362	85070
Gorleston	497	63210	60022	15318	656//	16208	86630		
Aberporth	502	82013	23505	14916	872//	16805	88705		
Ross-on-Wye	627								
Filton	628	82410	61506	17417	873//	16602	86708	88711	
Rhoose	715	72314	62206	17017	754//	15803	81712	87626	
Chivenor	707	82313	66216	17717	853//	16803	86709	88624	
Mount Batten	827	72507	58025	19016	752//	15806	84705	85711	87634
St. Mawgan	817	82512	59032	18616	851//	15806	82702	85704	88625
Scilly	804	82310	56505	18815	853//	15806	85707	88620	
Culdrose	809	82410	60505	18116	851//	15813	84702	88625	
Guernsey	894	82412	20285	20915	871//	15808	88702		
Elmdon	534	82307	75028	15417	854//	15102	88613		
Cardington	559	72312	66018	16717	754//	15106	83710	85633	87648
Wittering	462	82308	61608	15517	855//	15106	88628		
Watnall	354	82405	48506	15015	863//	15004	88708		
Shawbury	414	72408	74506	14516	754//	15802	82710	84620	86632
Finningley	360	72102	61031	14413	7097/	12003	87362		
Kilnsea	396	12712	66016	14415	10970	12209	81360		
Leeming	257	12207	83021	13314	10930	12002	81362		
Tynemouth	262	22707	66021	12514	20930	12111	82359		
Carlisle	222	70000	66028	12312	756//	11001	87637		
Valley	302	81918	23218	12615	850//	15711	83701	88626	
Ringway	334	81707	60036	14115	856//	13801	85634	88650	
Squires Gate	318	82411	70601	13316	857//	14801	88650		
Ronaldsway	204	82402	75612	12315	3552/	13805	83625	88550	
Mull of Galloway	131	00000	82010	11613	00900	12801			
Eskdalemuir	162	00000	78011	12507	00900	06001			
Prestwick	135	21202	82011	11508	18501	03802	81820		
Abbotsinch	140	20000	84020	11008	25600	07001	82634		
Leuchars	171	12703	82021	10708	15600	06112	81640		
Dyce	091	22105	82028	10207	25600	06111	82630		
Lerwick	005	32903	80018	06308	38400	06220	82815		
Wick	075	22207	82011	08608	28500	04208	81820		
Sule Skerry	010	62713	81038	06712	655//	07202	86625		
Cape Wrath	049	42308	81020	07311	45500	11205	84620		
Stornoway	026	10000	82020	08705	15740	05102	81650		
Benbecula	022	31406	80258	07711	38400	10811	83816		
Tiree	100	51812	80801	08513	58400	12811	82818	84640	
Aldergrove	917	81305	70601	10912	3547/	10813	81712	83640	88458
Malin	980	31809	80011	09711	28502	10812	81820	83070	
Belmullet	976	71904	70606	09314	754//	13715	83717	86640	
Birr	965	81905	60616	09915	7642/	14729	85712	86630	88458
Dublin	969	81301	40626	10814	861//	14723	81702	84703	88712
Shannon	962	82015	70216	09817	874//	16822	82710	84712	88717
Roches Point	952	82217	65215	13016	862//	15717	88705		
Valentia	953	82117	50605	11316	863//	16713	88707		

OBSERVATIONS at 06h. 29 August 1971

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	82310	59105	15615	853//	15610	86706	88614	
Hurn	862	72209	60505	16616	6537/	15610	83706	86615	
Thorney Island	871	72415	61505	16816	753//	15710	83708	84612	87625
Manston	797	72109	70021	16616	753//	15608	81708	87618	
Gatwick	776	82208	65506	16516	853//	15608	82708	84612	88615
Kew	775	82006	78032	15617	854//	15712	83710	88620	
Heathrow	772	81912	75035	15517	854//	15713	81712	88620	
Honington	586	72109	69011	14316	26432	15714	82710	84364	85075
Wattisham	590	82109	65031	14816	863//	15710	83708	88711	
Gorleston	497	71910	60032	14517	7097/	14713	87360		
Aberporth	502	71919	61025	11715	4547/	14716	81615	83635	86359
Ross-on-Wye	627	82112	66022	13316	864//	14610	88717		
Filton	628	82212	72035	14816	854//	14709	84710	88632	
Rhoose	715	82316	57215	14515	852//	15611	83704	87710	88620
Chivenor	707	82213	62605	14816	854//	14713	83711	83618	88624
Mount Batten	827	72409	61015	16416	784//	15712	81710	87625	
St. Mawgan	817	82211	40516	15515	872//	15716	83704	88708	
Scilly	804	82211	66205	15516	853//	15716	84709	88620	
Culdrose	809	72511	62025	16015	755//	15714	87623		
Guernsey	894	82407	35505	18215	870//	15712	86701	87702	
Elmdon	534	72112	70026	12716	6637/	15615	85709	83630	87362
Cardington	559	72110	74032	14617	753//	15507	83709	85715	85625
Wittering	462	72112	62016	12716	4563/	14621	84645	87362	
Watnall	354	82114	28105	12016	863//	15515	85708	88715	
Shawbury	414	72308	80026	11317	754//	14614	82615	85620	87632
Finningley	360	82111	61042	10717	855//	16622	88620		
Kilnsea	396	82013	58021	11215	6642/	15725	86710	88469	
Leeming	257	81508	07636	08413	870//	13734	83700	87701	88705
Tynemouth	262	80000	32636	09613	863//	13617	88708		
Carlisle	222	80802	48618	08112	854//	12723	83710	88625	
Valley	302	82030	56606	09015	872//	15713	88703		
Ringway	334	81912	68035	10417	854//	15515	86712	88618	
Squires Gate	318	72320	80016	08916	5627/	16618	82705	83709	87460
Ronaldsway	204	82019	35656	06515	872//	14629	84703	88704	
Mull of Galloway	131	81109	66636	06412	8062/	12735	88540		
Eskdalemuir	162	80000	61618	08409	5542/	08626	81710	85630	88459
Prestwick	135	70702	83026	07411	754//	10625	81615	85645	87656
Abbotsinch	140	80000	50046	07510	6547/	09723	82714	85618	88460
Leuchars	171	70000	82021	08208	25772	08716	82650	86359	86362
Dyce	091	60202	84031	08004	45504	04818	81628	84635	
Lerwick	005	72104	80021	06109	784//	07706	81818	87640	
Wick	075	71505	82021	06710	756//	08712	87640		
Sule Skerry	010	52305	82012	06011	55500	07710	85625		
Cape Wrath	049	71802	82021	05310	785//	09716	83820	87625	
Stornoway	026	71711	70801	04611	783//	11619	81708	83816	87635
Benbecula	022	52310	74258	04412	523//	12615	81708	85815	
Tiree	100	62010	66158	05513	694//	12712	83916	83650	
Aldergrove	917	80706	40616	06412	5622/	11618	81705	85713	88458
Malin	980	71808	83026	06212	784/2	11714	81717	87638	85070
Belmullet	976	82710	80216	07313	4547/	11605	81717	83640	87459
Birr	965	82507	58606	07115	7642/	15711	85711	85634	88458
Dublin	969	82215	80606	06216	854//	15722	82712	88625	
Shannon	962	82713	61026	08315	873//	14301	83707	86712	86620
Roches Point	952	82120	59615	09015	872//	15723	88704		
Valentia	953	82907	58215	10314	863//	13307	83708	88714	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97151	14	$1d_o$	$d_or_od_o$
Hurn	862	97161	15	d_od_o	d_od_o
Thorney Island	871	97161	15	d_o	$d_o-d_od_od_or_o$
Manston	797	97150	13	+	d_o
Gatwick	776	97161	15	$d_o-r_od_or_o$	$d_o-d_od_o$
Kew	775	00170	16	+	+
Heathrow	772	97160	15	d_o	d_o-r_o
Honington	586	00160	14	+	+
Wattisham	590	00150	13	+	+
Gorleston	497	00150	13	+	+
Aberporth	502	93151	15	$d_od_o1d_o$	d_or_o
Ross-on-Wye	627	00160	15	+	+
Filton	628	91161	15	$1d_or_od_o$	d_o
Rhoose	715	94151	15	$d_or_o1d_o$	$1d_or_o1r_od_or_o$
Chivenor	707	97150	15	$1r_od_o$	r_o1d_o
Mount Batten	827	92151	15	d_od_o	$1d_o$
St. Mawgan	817	01151	15	d_or_o	$d_od_o1d_o$
Scilly	804	01161	15	1d	1d
Culdrose	809	96152	14	$1d_od_od_o$	$1d_od_or_o$
Guernsey	894	92151	15	d_od_off	$f1d_o$
Elmdon	534	97161	15	$d_or_o1d_o$	$1d_o$
Cardington	559	00160	15	+	+
Wittering	462	92150	15	pr_or_o	+
Watnall	354	02151	14	$d_or_od_od_oddf$	d_of
Shawbury	414	97151	13	d_or_o	+
Finningley	360	97131	12	+	r_o
Kilnsea	396	00140		+	+
Leeming	257	11122	08	$1r_o$	$ffrrRRr_o$
Tynemouth	262	11122	07	+	rrRRrr
Carlisle	222	20112	09	pr_or	$rrRrr_oRr$
Valley	302	03152	14	$1r_of$	$1r_or_or_orr_or_o$
Ringway	334	97140	13	d_or_o	+
Squires Gate	318	05141	14	r_or_orR	Rrr_or_o
Ronaldsway	204	12131	11	r_or_oR	$Rrrd_o$
Mull of Galloway	131	15111			
Eskdalemuir	162	07052	02	pr_o	$pr_or_orrr_or_o$
Prestwick	135	01081	06	+	$1r_orrr_or_od_od_o$
Abbotsinch	140	97071	03	+	$1r_o$
Leuchars	171	97071	05	+	r_o
Dyce	091	00031	51	+	+
Lerwick	005	93050	50	pr_o	+
Wick	075	97071	03	+	$1r_o$
Sule Skerry	010	91101	08		
Cape Wrath	049	00091	08	+	+
Stornoway	026	06052	02	+	pr_opRpr
Benbecula	022	02091	06	pr_opr	pr
Tiree	100	04101	08	$pr_or_or_oRpr_o$	$prpr_o$
Aldergrove	917	04102	07	r_or	$r_or_od_or_od_od_o$
Malin	980	91111	09		
Belmullet	976	01121	09		
Birr	965	10131	13		
Dublin	969	08141	13		
Shannon	962	18141	13		
Roches Point	952	01141	14		
Valentia	953	05141	12		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70329	29004	82110	98022	99408	854//	51602	88616	/////	0//03	11011	30201	25703
B	99565	70510	29004	62610	98022	05109	30932	00602	83362	/////	0//07	10890	30602	/////
C	99510	70397	29004	32622	98021	18913	10958	22000	81362	/////	0//12	11118	30503	/////
D	99440	70410	29004	73505	98022	30317	34508	00209	83625	842//	0//11	12156	30502	99/04
E	99350	70480	29003	12203	98021	26225	12500	00212	81825	/////	0//20	12661	30000	/////
I	99589	70189	29004	81011	98028	02010	856//	00612	88630	/////	05409	11277	30201	36002
J	99525	70180	29004	82718	97258	11513	883//	61003	82709	83814	05409	11553	30605	31705
K	99450	70160	29004	32108	97011	21817	35700	00805	83650	/////	0//15	11718	30000	30201
M	99652	10027	29004	62529	97258	95307	59560	00220	85925	/////	05603	11066	30507	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	29064	72802	98021	98007	754//	00804	84710	86622	0//06	10989	30000	25602
B	99565	70510	29064	22204	98020	02507	20901	00716	820//	/////	0//06	10846	3////	/////
C	99518	70369	29064	32523	98011	15012	10958	12721	81360	/////	0//12	11175	30504	/////
D	99438	70409	29064	82406	98022	29218	44577	00708	84625	882//	0//11	12211	30000	99/02
E	99350	70480	29063	12105	98020	25425	11500	00609	81825	/////	0//20	12613	30000	/////
I	99508	70190	29064	60606	98028	00111	59540	00607	81920	84630	05309	11274	30000	99/02
J	99525	70191	29064	62820	97258	12513	694//	62105	84915	83820	05509	11551	30606	22704
K	99451	70157	29064	72309	98031	19917	756//	00605	87640	/////	0//15	11716	30000	30202
M	99646	10028	29064	72522	97808	00007	6946/	42234	/////	/////	05604	11054	30508	/////

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50: by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40093

Date of Issue Monday 30 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 29 August 1971

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	72417	85806	13618	784//	13710	85816	87630	
Hurn	862	72012	81206	14718	684/1	15811	85815	83630	85070
Thorney Island	871	82117	50605	15417	883//	15706	85706	87809	88630
Manston	797	72217	81025	14819	7543/	15710	81713	87616	
Gatwick	776	82312	70025	14818	854//	15709	83615	88645	
Kew	775	82211	74022	13520	885//	14816	83822	88632	
Heathrow	772	72315	81026	13720	785//	14714	83828	87650	
Honington	586	72413	74022	12219	785//	14713	86820	86630	
Wattisham	590	72113	66012	12818	754//	15713	86615	87620	
Gorleston	497	72117	62022	12419	755//	14713	87625		
Aberporth	502	71917	62605	10217	754//	15803	82710	87618	
Ross-on-Wye	627	72014	77805	11017	48538	15609	83820	86360	
Filton	628	72213	82035	12919	784//	14708	81712	83818	86628
Rhoose	715	72514	62026	12717	65231	15807	81705	85622	85362
Chivenor	707	72415	80026	13418	6543/	14804	82714	86626	86362
Mount Batten	827	82310	74205	14817	7832/	15806	81708	87625	
St. Mawgan	817	82416	82035	14118	854//	14804	82710	88624	
Scilly	804	72413	81022	14418	35548	15804	83620	85358	87275
Culdrose	809	72713	64156	14617	784//	15602	81710	83815	86624
Guernsey	894	72514	74015	17017	752//	15804	82705	84706	85620
Elmdon	534	72117	82022	10618	3847/	15709	82817	87464	
Cardington	559	72314	74012	12220	6853/	14714	81820	86625	87362
Wittering	462	82216	82216	10619	855//	14715	85625	88635	
Watnall	354	82314	78025	09418	885//	14713	86824	88640	
Shawbury	414	82418	83505	09318	854//	14808	83710	85628	88640
Finningley	360	72418	80256	08321	42538	15611	84822	87270	
Kilnsea	396	82320	66022	08219	4857/	14119	83820	84625	88360
Leeming	257	82317	62606	06118	854//	15613	88618		
Tynemouth	262	82012	32636	04517	6552/	15718	86625	88540	
Carlisle	222	82702	23536	04315	872//	14610	88704		
Valley	302	82616	61606	08315	5537/	14305	81706	83614	85650
Ringway	334	82115	60606	08417	7552/	13608	83620	87626	88458
Squires Gate	318	82424	45656	06816	853//	16813	87707	88615	
Ronaldsway	204	72615	80216	06415	772//	13309	81704	84706	87710
Mull of Galloway	131	83012	70026	05113	5642/	13302	85710	88460	
Eskdalemuir	162	80402	66216	04213	862//	12618	83705	88711	
Prestwick	135	72704	65216	05213	5847/	11605	81710	84640	87360
Abbotsinch	140	70000	62216	04715	4847/	11613	82817	83656	86361
Leuchars	171	70000	70026	04614	3547/	11721	81712	83636	85360
Dyce	091	71709	82022	04314	2567/	09721	81630	83360	87463
Lerwick	005	72108	82022	04611	58432	05710	84818	86075	
Wick	075	71608	89216	03512	4853/	09717	81825	84640	87360
Sule Skerry	010	71809	81038	03212	735//	10713	85920	87625	
Cape Wrath	049	51803	82018	01913	48565	12717	83820	84625	
Stornoway	026	71811	70038	02514	794//	11711	83916	84820	
Benbecula	022	52513	80158	02715	39463	11709	83918		
Tiree	100	72411	80808	04114	6847/	11703	83816	86635	87460
Aldergrove	917	72610	80216	06615	784/2	13207	83710	85815	85635
Malin	980	52710	85256	05915	53400	12201	83918	83640	
Belmullet	976	42617	83038	08616	4356/	11208	84820	81920	
Birr	965	72508	80806	10015	785//	12111	85820	86636	
Dublin	969	62715	88016	08217	52502	11113	85822	84070	
Shannon	962	62717	82028	10817	685//	10210	86825		
Roches Point	952	72813	85036	11617	784/1	10111	84818	84635	
Valentia	953	42812	84038	13016	42500	12209	84820		

OBSERVATIONS at 18h. 29 August 1971

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	82411	82028	11517	854//	15607	85713	88630	
862	82211	75026	12717	854//	15810	83712	86618	88640
871	72415	78026	12917	784//	15710	84811	87625	
797	62217	81015	11817	35432	15715	83612	85362	86075
776	72312	65215	12317	5533/	15610	82708	85612	86360
775	72113	78022	11418	5843/	15607	84814	86359	
772	72115	77028	11319	68472	15609	82815	86656	86075
586	82111	80022	09319	6562/	14712	83630	85645	88465
590	72212	70032	09719	755//	15612	82624	87650	
497	72112	62022	09320	4563/	14708	84630	87360	
502	22316	87016	11215	18502	12205	81820		
627	72505	70258	10316	685/2	14301	82820	86074	
628	72411	62212	11515	753//	14500	81708	87640	
715	72611	65216	11815	56301	14004	84709	87075	
707	62712	80216	12816	4843/	14105	83813	83633	86360
827	73108	82605	13615	754//	13502	81712	87650	
817	62810	82016	14115	4843/	13206	81710	84645	86360
804	73008	81025	14916	6847/	13103	81818	86626	
809	72902	78205	14215	784//	12301	82710	87622	
894	72414	81032	15316	5527/	15707	83705	84630	86362
534	72708	80216	09616	5847/	14302	81815	85638	87360
559	82312	70602	09719	4247/	15707	81712	84818	88359
462	72412	80212	08419	6547/	14505	83712	85625	85645
354	72606	56216	08915	45472	13308	81618	84650	86070
414	63009	85016	09317	58501	12108	84824	83075	
360	72810	77029	07716	28502	13108	81825	87072	
396	82920	60296	06615	6557/	14502	86625	88360	
257	32813	85016	06717	28541	12109	82822		
262	52817	66258	04915	53500	14315	83925	85630	
222	52608	82018	06514	48441	10217	81710	83640	
302	72412	83036	09716	785//	13104	81825	86656	
334	52811	80016	08816	18432	10305	81818	84070	
318	22716	86016	08416	18441	13005	81818		
204	52413	86021	08416	58501	10105	81825	84656	
131	32407	82028	07414	34500	11210	81825		
162	12711	83256	05913	18500	08210	81823		
135	42611	82036	06215	38540	10306	81820		
140	32511	82258	05214	28541	11305	82822		
171	52612	80018	03415	48502	12400	82820	83640	
091	73106	80251	01914	784//	10506	82818	83630	86645
005	71605	80028	01010	6847/	08718	81710	84818	85645
075	71803	84028	01112	5853/	11709	81820	83645	87359
010	62505	82018	01013	4353/	11708	82920	84625	86360
049	72303	83158	01011	3247/	11703	83816	87360	
026	72708	82258	01913	784//	11500	85816	83628	
022	22615	82258	03013	29400	09301	81913		
100	22717	80148	04414	29400	10302	81918		
917	52714	82018	08115	48530	11209	82820	83627	
980	52518	84258	07213	53500	10310	85920		
976	62615	82038	10114	635/2	10205	85820	82920	
965	52615	83031	11416	585//	09209	83823	83639	
969	62609	89258	10014	635//	10208	81920	84825	
962	32617	86258	12616	38500	10207	83825		
952	43113	85018	13316	43401	10211	83818	81918	
953	32810	82031	14416	22501	12106	82824		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	03191	008	pro	roRro
862	91201	011	doroRRodR	roRodRdo
871	92191	003	iroido	do
797	97190		ido	ido
776	97200	003	do-doRod	do-doRo
775	00200	011	+	+
772	97210	006	ropro	+
586	92211		+	ror
590	00200	008	+	+
497	00200	007	+	+
502	06171	031	irorRR	+
627	01191	004	dopro	proR
628	01191	008	ido	irodorodr
715	01191	007	doroiro	irodoro
707	01191	007	idoiro	roriro
827	92171	006	ido	idoiro
817	92181	004	ididoo	idoiro
804	91181	016	ido	+
809	03190	005	doridododo	dodoido
894	97171	013	ido	ido
534	04201	004	iro	iroiR
559	01231	013	+	roR
462	04211	001	ro	roRr
354	06191	003	do	dorRdorodr
414	05201	010	dododoroR	ror
360	05211	008	pro	proRRtlopR2prtk
396	04212	007	+	irRtl
257	01191	030	RoroRo Ror	+
262	05181	018	rr	pr
222	05161	013	rrddRddrpro	pR
302	01171	034	roroiro	+
334	05181	024	rororro	+
318	06171	038	rRdrroro	+
204	97181	049	do-doro-ro	+
131	92161			
162	01151	022	roror	ropro
135	02161	034	dodororororriro	irroro
140	91161	022	iropro	pro
171	93171	024	+	pr
091	91171	045	+	pro
005	02131	023	+	prodorodororr
075	02151	008	irororo	proRrr
010	95151			
049	01131	026	pro	pro
026	05151	020	prpro	proRR
022	01161	088	jp	propr
100	03151	050	propr	pr
917	03181	063	dodoRdopro	+
980	0316	062		
976	0317	092		
965	9118	076		
969	0118	046		
962	9417	081		
952	9518	064		
953	9116	081		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

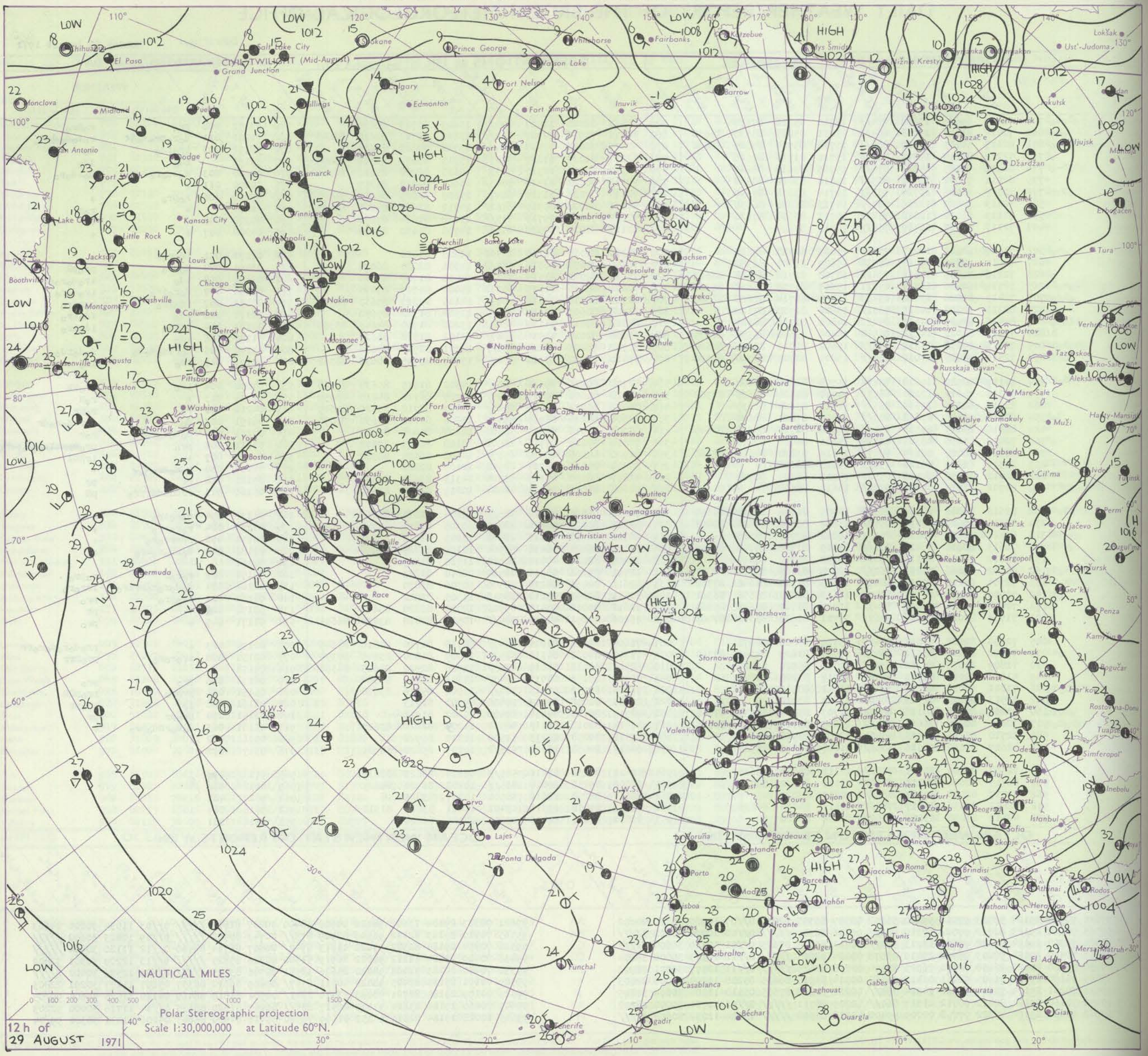
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70332	29124	53403	97012	99110	56202	00307	85705	82070	0//07	10960	30100	24602
B	99565	70510	29123	81712	97022	97210	863//	00736	88709	/////	0//10	10790	30602	/////
C	99526	70357	29124	82328	97022	13213	994//	12711	85815	88625	0//11	11110	30504	/////
D	99438	70409	29124	52203	98022	29419	21578	00104	82825	/////	0//11	12173	30000	33804
E	99350	70480	29123	22108	98150	26325	22500	00208	82825	/////	0//21	12577	30201	02903
I	99589	70190	29124	71005	98251	01412	96460	00314	84915	86635	05208	11290	30000	22803
J	99526	70201	29124	72614	98022	14514	784//	00211	83818	87635	05110	11504	30604	32805
K	99450	70160	29124	82412	95512	21317	864//	00209	88711	/////	0//16	11721	30000	28202
M	99642	10030	29124	42322	97258	02009	49400	41216	84918	/////	05204	11032	30608	/////

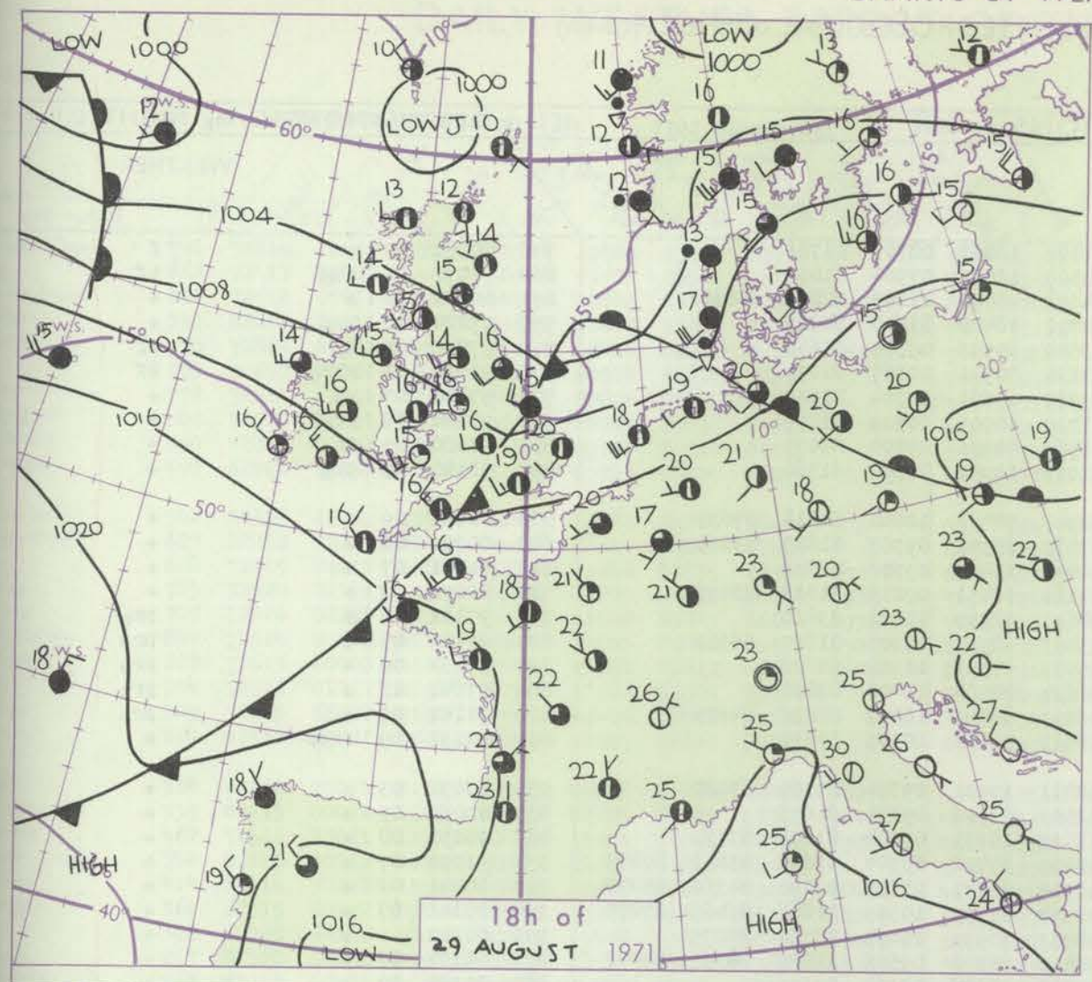
OCEAN WEATHER STATION REPORTS at 18h.

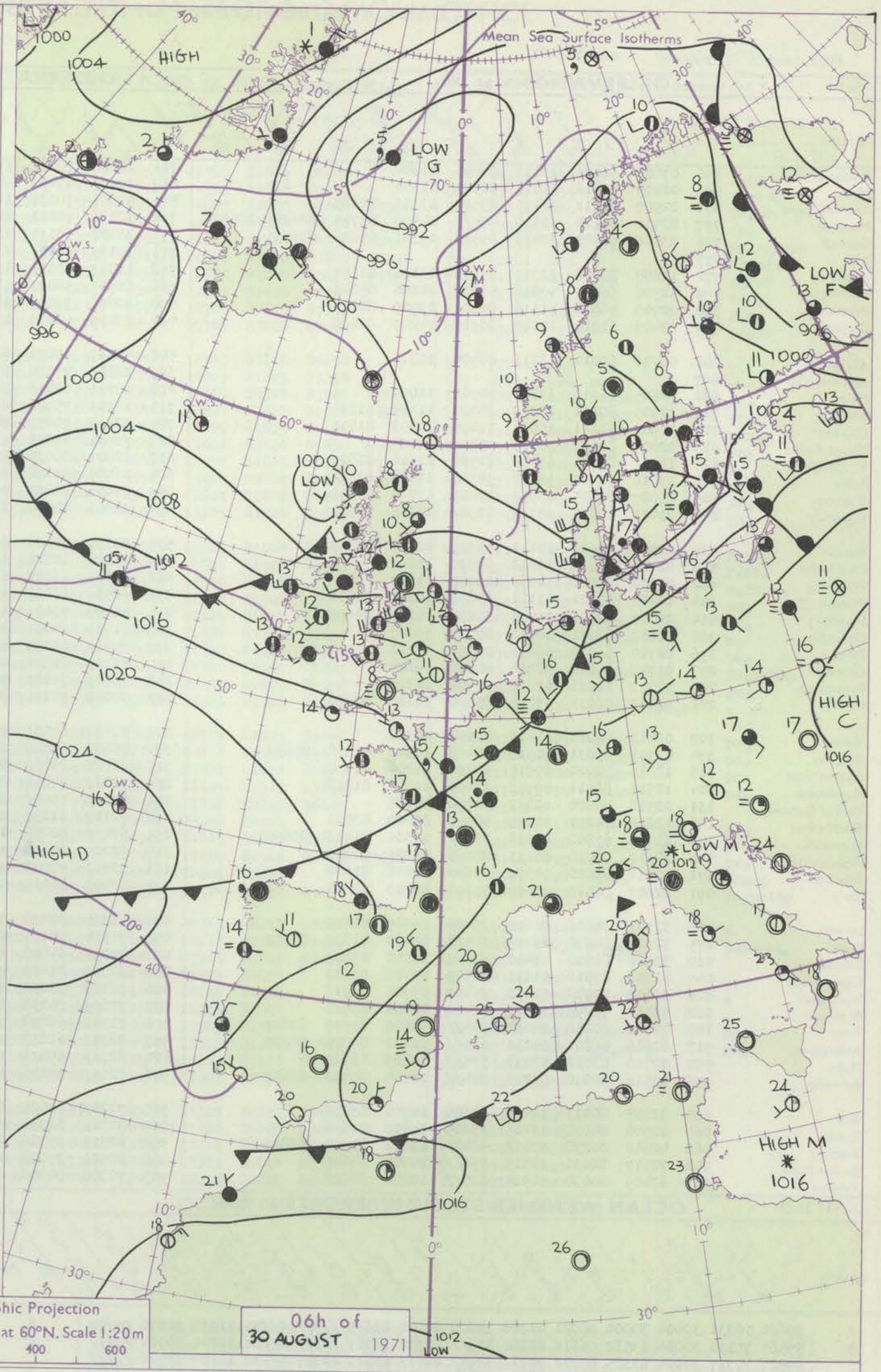
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70333	29184	13602	98026	00608	18400	00207	81815	/////	0//03	11034	30000	24603
B	99565	70510	29183	82112	96506	88909	873//	00743	88708	/////	0//09	10823	30602	/////
C	99526	70354	29184	82322	97022	11313	6742/	00807	86714	88460	0//12	11180	30604	/////
D	99438	70409	29184	52112	98022	26919	51500	00716	85825	/////	0//13	12209	30301	32802
E	99350	70480	29183	32008	98020	25626	32501	00706	83825	/////	0//21	12576	30402	/////
I	99589	70191	29184	82405	98028	00511	6557/	00609	86620	88357	05207	11277	30201	22803
J	99526	70199	29184	82721	98038	13714	2841/	00501	81818	88460	05110	11528	30604	99/05
K	99449	70160	29184	83614	97015	22517	885//	00207	81820	88635	0//14	11716	30000	32203
M	99645	10028	29184	72816	98152	01509	79500	83716	84920	86645	05206	11031	30302	99/04

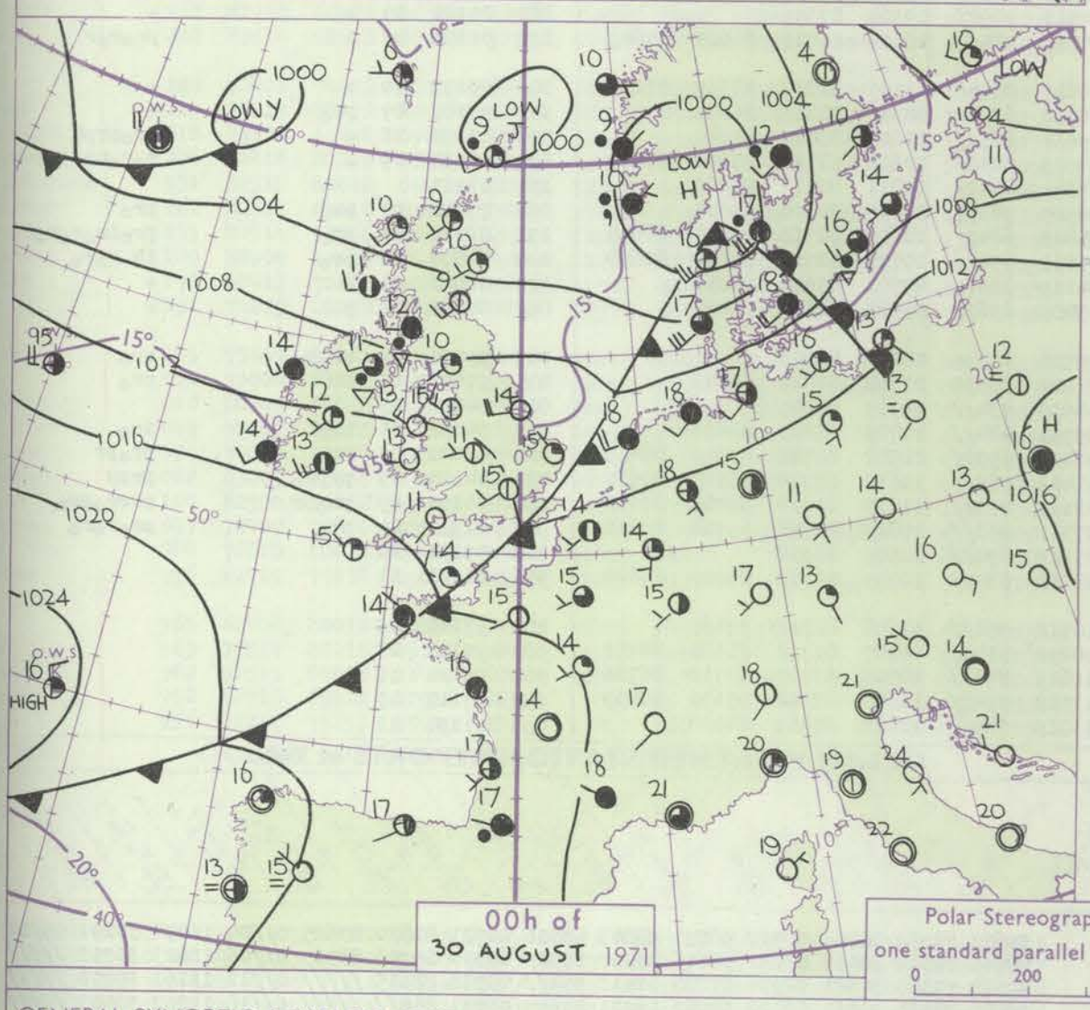
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 30 August 1971

The anticyclone has continued to move slowly east and decline while the trough of low pressure from southern Scandinavia to the Azores has now cleared the British Isles. Pressure has remained low and complex over the Denmark Strait and the Norwegian Sea. High pressure has continued to drift towards the Azores from the northwest. During the last 24 hours the most important synoptic development has been the continued deepening of the low centre over Newfoundland, the centre having been designated hurricane DORIA when further south. During the next 24 hours this low is expected to move steadily northeast with further deepening, the warm front of which will reach the extreme west of the British Isles tonight preceded by a weak ridge moving east across much of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. 30 August 1971

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	03006	66026	13111	00900	11304			
Hurn	862	02605	80016	13813	00900	11306			
Thorney Island	871	22907	74011	13115	25500	13303	82625		
Manston	797	82410	82212	11616	854//	14500	83714	84628	88650
Gatwick	776	83006	64205	12415	855//	13301	83628	88633	
Kew	775								
Heathrow	772	12607	80016	12315	15600	13106	81640		
Honington	586	52506	56026	10814	55600	14108	85646		
Wattisham	590	22705	56016	11113	00901	13009	82075		
Gorleston	497	23407	61018	10115	20910	14209	82460		
Aberporth	502	02716	80011	13113	00900	10311			
Ross-on-Wye	627								
Filton	628	02604	66011	13313	00900	11003			
Rhoose	715	22905	80011	13312	28400	11103	81814		
Chivenor	707	12909	74011	14014	12400	12203	81816		
Mount Batten	827	02807	80010	15313	00900	12104			
St. Mawgan	817	12911	80031	15414	11500	12304	81820		
Scilly	804	33010	81020	16515	38500	11004	82820		
Culdrose	809	23007	78025	15913	28400	11500	81818		
Guernsey	894	23010	82025	15714	00902	13305	82075		
Elmdon	534	12707	82021	11611	10930	10104	81358		
Cardington	559	02406	61016	11812	00900	11206			
Wittering	462	02606	58016	11012	00900	11107			
Watnall	354	12405	58101	11111	15601	10205	81640		
Shawbury	414	20000	82021	11411	25600	10205	82640		
Finningley	360	01802	62021	10012	00900	10207			
Kilnsea	396	02720	66020	08914	00900	11206			
Leeming	257	01702	83020	08910	00900	09208			
Tynemouth	262	02712	81021	07212	00900	10307			
Carlisle	222	22402	74031	07810	25600	10103	82640		
Valley	302	02816	82011	11413	00900	10308			
Ringway	334	52307	65031	10513	58400	10306	81818	85656	
Squires Gate	318	12816	82020	09915	15700	11205	81650		
Ronaldsway	204	12511	86011	09912	11400	09204	81818		
Mull of Galloway	131	02718	84020	08812	00900	10106			
Eskdalemuir	162	42206	74251	07709	48500	08000	83821		
Prestwick	135	82711	65808	07312	834//	09301	81916	87645	
Abbotsinch	140	22310	82020	06111	28500	09801	81825		
Leuchars	171	12314	82020	04509	15600	08102	81640		
Dyce	091	22607	86018	03010	25600	08203	82635		
Lerwick	005	32509	74606	98609	35400	09609	82710		
Wick	075	32605	84038	01409	18530	08400	81825	83362	
Sule Skerry	010	32402	82018	01410	33500	09201	83925		
Cape Wrath	049	42303	83018	01211	42500	09701	84820		
Stornoway	026	22110	70028	02110	29400	09704	82916		
Benbecula	022	52514	75258	03212	59400	09802	85918		
Tiree	100	72712	80258	05011	734//	10000	83915	87647	
Aldergrove	917	62612	66801	09211	685//	10502	84820	84630	
Malin	980	72520	83018	07013	735//	10805	86920		
Belmullet	976	82516	80038	09714	884//	11704	83716	86637	
Birr	965	32205	80011	12412	35600	10704	83636		
Dublin	969	12508	84038	11411	15600	09802	81640		
Shannon	962	42612	80258	13012	48400	11602	81710	83820	
Roches Point	952	72517	82031	14513	756//	10704	87645		
Valentia	953	82409	80038	14914	825//	10802	88820		

OBSERVATIONS at 06h. 30 August 1971

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	22606	20281	14109	16002	08305	81701		
Hurn	862	10000	07410	14508	18401	07304	81818		
Thorney Island	871	42906	78030	14312	48500	11207	82820	84650	
Manston	797	12506	64021	12712	18400	11208	81815		
Gatwick	776	32202	58114	13509	15732	09304	81650		
Kew	775	12103	56[illegible]4	13110	00901	10307	81075		
Heathrow	772	12507	60010	13211	15601	10304	81640		
Honington	586	12507	58021	11710	00901	10303	81075		
Wattisham	590	12608	56031	11909	00901	09204	81075		
Gorleston	497	22409	56050	11012	10941	11304	81360		
Aberporth	502	72313	80031	12913	784//	10602	81818	87635	
Ross-on-Wye	627	32105	77020	13410	18501	09303	81825	83075	
Filton	628	12705	78030	14410	11401	09308	81818		
Rhoose	715	33301	75030	14110	18431	09203	81812	83075	
Chivenor	707	32807	80030	14613	32500	10203	83820		
Mount Batten	827	72905	69021	15813	685/1	12305	81820	86640	
St. Mawgan	817	32907	82030	15913	24501	11302	81820		
Scilly	804	23009	81028	16614	28500	11400	82820		
Culdrose	809	63001	82021	16211	68470	10502	82818	84626	
Guernsey	894	32806	84030	16513	32402	10305	83818		
Elmdon	534	32509	75030	12211	10931	09304	81360	83080	
Cardington	559	12308	58100	12509	00902	09304	81075		
Wittering	462	32510	66030	11510	15731	09304	81656	83075	
Watnall	354	62505	66031	11409	35701	09304	81650	83657	85075
Shawbury	414	50000	78031	11909	25731	07302	82650	84360	85072
Finningley	360	71705	64011	10112	15772	10303	81656	85465	87075
Kilnsea	396	52714	61031	08912	30971	10400	83360	85075	
Leeming	257	61202	86021	08412	28542	09502	81825	84365	85072
Tynemouth	262	72609	74021	07011	7097/	09304	87359		
Carlisle	222	70000	74151	07512	784//	10504	81713	84625	87645
Valley	302	72422	80031	10613	28446	11505	81815	83362	87275
Ringway	334	72007	65028	10910	68432	08303	81818	86645	
Squires Gate	318	62620	80258	09614	685//	11607	83822	85640	
Ronaldsway	204	72413	84211	08913	4842/	10608	81712	83645	87459
Mull of Galloway	131	82418	74602	07311	2742/	10811	82717	88460	
Eskdalemuir	162	72107	61038	06909	783/1	09605	84706	83635	
Prestwick	135	82409	80258	05812	6847/	10609	82710	85814	86645
Abbotsinch	140	72207	60618	05011	754//	10708	82714	84632	87650
Leuchars	171	72712	78022	04110	35679	09503	83640	87362	
Dyce	091	62105	86011	03008	25632	05500	81630	85072	
Lerwick	005	13304	82028	99708	18330	08210	81708		
Wick	075	72504	80151	01208	28532	07703	81820	86073	
Sule Skerry	010	71802	64808	00610	734//	09705	87915		
Cape Wrath	049	82306	81608	99711	884//	10709	85815	88625	
Stornoway	026	82107	63258	01110	6932/	10502	82708	83916	88459
Benbecula	022	72605	70258	01411	783//	10610	82709	85815	87635
Tiree	100	72311	66808	02112	733//	11719	81708	83915	87632
Aldergrove	917	82313	62618	07312	853//	10810	82708	85710	88656
Malin	980	82519	59818	05112	894//	11509	88916		
Belmullet	976	72615	78258	08113	834//	12707	81716	83920	86640
Birr	965	72207	80021	10712	754//	11608	82716	87635	
Dublin	969	82314	82031	10212	5547/	10707	81712	85625	88458
Shannon	962	82512	35586	11613	873//	12505	83707	85710	86716
Roches Point	952	82411	75022	13512	5547/	11608	81712	85632	88459
Valentia	953	72306	80258	13013	784//	12819	85819	84640	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00081	05	+	f
Hurn	862	97071	01	id_o	if
Thorney Island	871	00110	06	+	+
Manston	797	97120	10	ir_o	+
Gatwick	776	97080	04	d_o	if
Kew	775	92090	03	rRr_o	Ff
Heathrow	772	97100	07	r_o	+
Honington	586	92100	09	rr_ol	+
Wattisham	590	93080	05	ir_o	+
Gorleston	497	91110	09	pr_o	+
Aberporth	502	00121	09	+	+
Ross-on-Wye	627	00091	06	+	+
Filton	628	00101	07	+	+
Rhoose	715	00091	02	+	+
Chivenor	707	97111	06	+	pr_o
Mount Batten	827	97121	05	+	pr_o
St. Mawgan	817	97131	09	+	pr_o
Scilly	804	97141	13	+	pr_o
Culdrose	809	91111	07	+	pr_o
Guernsey	894	02131	09	ffdr	+
Elmdon	534	00091	03	+	+
Cardington	559	00081	05	+	+
Wittering	462	00091	08	+	+
Watnall	354	91091	07	+	+
Shawbury	414	00071	02	+	+
Finningley	360	00101	07	+	+
Kilnsea	396	00110		+	+
Leeming	257	00101	07	+	+
Tynemouth	262	00111	09	+	+
Carlisle	222	01101	07	+	pr_or_or
Valley	302	00131	10	+	+
Ringway	334	97101	09	pr_o	+
Squires Gate	318	02131	12	+	pr_oprpR
Ronaldsway	204	02121	09	+	r_or_or
Mull of Galloway	131	02111			
Eskdalemuir	162	97081	07	pr_o	pr_o
Prestwick	135	02111	11	pr_o	$pr_oir_or_or_o$
Abbotsinch	140	04091	08	pr_o	$1R-r_or_o$
Leuchars	171	00081	05	+	+
Dyce	091	00071	02	+	+
Lerwick	005	95071	04	$rrir_o$	pr_o
Wick	075	97071	05	pr	pr_o
Sule Skerry	010	04092	05		
Cape Wrath	049	04092	05	pr_o	ir_o
Stornoway	026	02081	07	pr_o	pr_opr
Benbecula	022	04111	09	$prpr_o$	prpR
Tiree	100	04111	09	pr_opr	$prrr_opr_o$
Aldergrove	917	02112	09	pr_o	$pr_or_or_o$
Malin	980	09111	10		
Belmullet	976	01121	11		
Birr	965	97111	09		
Dublin	969	97111	08		
Shannon	962	95121	11		
Roches Point	952	97111	10		
Valentia	953	01131	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70331	30004	30000	98021	01308	35600	00102	83635	/////	0//04	11033	30000	99/02
B	99565	70510	30004	83532	96616	82308	873//	00730	88707	/////	0//08	10840	30704	/////
C	99527	70357	30004	82325	97802	09912	3247/	00813	83815	88357	0//11	11174	30706	/////
D	99440	70410	30004	42012	98022	24620	21501	00710	82825	/////	0//15	12205	30302	/////
E	99350	70480	30003	22310	98020	25925	22500	00106	82825	/////	0//21	12596	30402	/////
I	99590	70188	30004	70000	98212	00610	65570	00301	86625	/////	05409	11277	30000	22803
J	99526	70198	30004	52620	98012	12714	38430	00605	81818	83641	05111	11536	30605	99/05
K	99450	70160	30004	33510	97011	24816	35600	00210	83640	/////	0//11	11700	30000	34402
M	99650	10022	30004	22711	98028	99308	29500	00713	81920	82825	05304	11029	30202	99/03

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70332	30064	70712	98031	98208	48506	00721	81820	83625	0//05	11034	30201	99/02
B	99565	70510	30064	83241	96616	83207	8732/	00310	85706	88515	0//06	10823	30712	/////
C	99527	70355	30066	81934	97288	02413	954//	00738	88615	/////	0//12	11161	30708	/////
D	99440	70410	30064	52120	98022	19221	00904	00731	850//	/////	0//18	12202	30403	/////
E	99350	70480	30063	12212	98028	24424	12500	00710	81825	/////	0//20	12566	30403	/////
I	99589	70188	30064	33102	98031	02511	38500	00307	81820	83630	05307	11270	30000	22802
J	99524	70203	30064	72618	97021	12614	5847/	61103	83818	85630	05113	11527	30604	99/03
K	99450	70160	30064	32906	97020	24416	35600	00703	83640	/////	0//12	11690	30000	34402
M	99655	10020	30064	52816	98148	98107	49501	00505	84920	/////	05604	11053	30202	99/05

RATES of SUBSCRIPTION: Single copy 4p or post free 6p; one calendar month £1·15; one quarter £3·25; one year £11·50; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40094

Date of Issue Tuesday 31 August 1971

Code FM 11.D

OBSERVATIONS at 12h. 30 August 1971

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	72814	82031	13718	48506	10806	83826	87270	
Hurn	862	72413	75032	14917	48406	11705	83818	87270	
Thorney Island	871	72612	85031	14417	54504	10806	83622	83645	86072
Manston	797	52811	82031	12918	31505	11803	83825	84275	
Gatwick	776	72814	84031	13718	64602	08804	82830	85640	86075
Kew	775	72607	82031	13417	686/2	08604	83830	86642	
Heathrow	772	72612	82031	13418	786//	08806	84830	86650	
Honington	586	72515	82031	11717	31608	08804	83835	87273	
Wattisham	590	72813	80031	12116	21506	09704	82827	87275	
Gorleston	497	62414	62031	11517	32504	07701	83820	86075	
Aberporth	502	82318	62252	12514	884//	13703	85818	88640	
Ross-on-Wye	627	82212	82021	12416	7551/	10611	87625	88460	
Filton	628	72415	82211	13816	28538	11806	81825	83360	87275
Rhoose	715	72520	82021	13716	58536	10804	82820	84645	87275
Chivenor	707	72420	82258	14715	7853/	11802	83824	86640	87362
Mount Batten	827	72514	80808	16115	684/8	13805	83816	85650	87275
St. Mawgan	817	72615	80028	16117	48432	11802	82812	83645	86360
Scilly	804	72511	81021	16916	585/2	12502	83820	85626	
Culdrose	809	72710	68808	16914	794//	12400	82918	87626	
Guernsey	894	52612	84021	17317	22532	11001	82820	85075	
Elmdon	534	82312	75031	11615	18577	09808	81820	86462	88270
Cardington	559	82515	80031	12517	1147/	07805	81818	83360	88462
Wittering	462	72511	83021	11215	1157/	10705	81825	84362	87464
Watnall	354	82615	80032	10715	3152/	10805	83820	88463	
Shawbury	414	82514	78212	10914	4857/	10606	82823	83645	88460
Finningley	360	82515	82022	09016	21677	09811	81830	86364	88275
Kilnsea	396	82722	66032	08916	32572	10806	83825	86360	88075
Leeming	257	82508	86032	07915	4857/	10804	82820	83650	88465
Tynemouth	262	82708	66022	06315	4352/	10806	84925	88458	
Carlisle	222	82614	58618	06113	7832/	12707	82708	84814	86622
Valley	302	72426	74608	10115	784//	12803	82712	83826	87650
Ringway	334	72214	75022	09515	684/8	09809	81815	84620	87270
Squires Gate	318	82523	60258	09014	6842/	12605	83713	83822	88462
Ronaldsway	204	72416	80216	08314	6843/	12801	81710	84715	86359
Mull of Galloway	131	32518	80018	06414	32600	12602	83835		
Eskdalemuir	162	82514	69618	05411	884//	10606	83711	85823	88632
Prestwick	135	82514	57606	05312	6532/	11002	82706	84711	86630
Abbotsinch	140	82409	62636	04212	6542/	11204	82710	85616	86640
Leuchars	171	82412	70602	02813	5542/	11710	85615	88460	
Dyce	091	72209	80252	02015	785//	08706	84823	86650	
Lerwick	005	73607	83031	01811	7843/	06212	84818	85630	
Wick	075	73004	81258	01613	33532	10205	83820	81920	84360
Sule Skerry	010	80705	74028	02313	835//	10213	85920	88625	
Cape Wrath	049	70000	89026	02111	5253/	10216	85820	87360	
Stornoway	026	70000	75258	02312	784//	11209	84816	86628	
Benbecula	022	63007	89038	03014	684//	10213	81818	85635	
Tiree	100	62920	80258	03415	5846/	11209	83818	83630	
Aldergrove	917	72409	70806	07513	783//	11002	82707	85812	87656
Malin	980	72618	80016	06015	784//	11308	84818	87640	
Belmullet	976	62715	75038	09016	634//	12205	81717	84820	81920
Birr	965	62408	80018	10516	585/2	12803	84821	83636	
Dublin	969	72514	82016	09315	784//	11803	81713	86820	
Shannon	962	72515	80806	11415	6847/	12000	81718	83824	85648
Roches Point	952	82718	65022	12916	6637/	11805	85709	88458	
Valentia	953	82710	75258	13516	885//	13203	86820	86640	

OBSERVATIONS at 18h. 30 August 1971

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	62712	82218	13215	48532	11706	81825	84640	
862	62510	75258	14215	38478	12707	81818	84360	
871	72416	82018	13816	6857/	12805	82820	85640	87360
797	72112	64602	12615	18628	13805	81830	87460	
776	72412	80218	13215	4557/	11804	81624	84650	86465
775	82207	78212	12815	6861/	11703	81830	86640	88462
772	72111	77608	12816	3857/	11603	81820	83628	87360
586	72309	66216	11215	3567/	12703	83630	87360	
590	72409	69616	11314	2567/	12705	82640	87359	
497	82308	61022	10817	3252/	09705	83820	88460	
502	72417	80028	11915	784//	12703	81818	86650	
627	32408	77028	11416	18540	10603	81825	83360	
628	62517	66158	12715	33452	12805	82918	83365	85078
715	72616	70258	12815	43431	12704	83818	81920	86075
707	72617	69258	13715	4253/	12605	84825	85362	
827	72817	62808	15415	785//	13603	83820	85630	87650
817	72613	62028	15315	28438	13705	81815	85360	87275
804	82716	71028	16616	4852/	12400	81820	84626	87458
809	72810	78028	16416	22431	12601	82818	84360	
894	72518	83022	17215	38538	13805	81820	83650	87275
534	62510	82028	10616	53460	10506	81918	83650	
559	52312	62256	11216	29582	11806	81920	83360	
462	22310	74016	10015	18530	11808	81822		
354	32510	82018	09815	39503	11502	81920		
414	72813	69258	10415	7846/	10301	82818	83630	85656
360	42710	74018	08715	48630	11504	81830	83650	
396	62718	66258	08115	33571	11803	83925	85360	
257	62712	74158	07415	48582	11301	81820	84645	
262	42713	74028	05915	21540	10302	82825	84358	
222	42310	78158	06715	49400	12303	81712	81918	
302	72316	74018	10115	784//	12500	81815	87650	
334	72510	70809	09315	6853/	10201	83820	84640	
318	62717	75258	09015	4843/	12301	81817	83645	
204	32208	84258	09014	38400	11104	81715	83650	
131	62806	84031	07714	685//	11308	83825	86645	
162	52709	80806	06411	59500	09306	84920		
135	52709	70256	06413	58560	11207	82820	83645	
140	72511	62808	05813	794//	11310	82916	84825	85650
171	52812	83806	03814	52500	10309	85828		
091	73607	80029	03312	58533	10214	82820	84650	
005	30308	83011	04210	18401	05313	81818	83080	
075	70304	74258	04511	7843/	09217	81712	87630	
010	30209	82021	05112	38500	07213	82825	83630	
049	40000	89011	05011	41500	10223	84825		
026	10310	80011	05712	11500	08215	81828		
022	23307	89021	05413	12562	10211	81820		
100	23009	87028	05613	19403	10309	81912		
917	52812	80258	08115	59400	11303	81914	84818	
980	72818	80258	07214	735//	12304	85920	85645	
976	72713	80022	10115	784//	11303	82717	87640	
965	72610	80038	11715	785//	11307	84823	86636	
969	62708	80028	10016	58502	11206	84825	83070	
962	72614	82158	12416	6363/	12101	86830	82930	
952	72911	70028	13316	48471	12303	84814	87358	
953	72711	70032	14416	58430	12203	82818	85645	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	94181	042	pro	ropro
862	97191	055	pro	proido
871	02191	055	pro	propr
797	93191		+	iro
776	01191	060	pro	proroprpR
775	02181	055	+	iropRpro
772	01191	058	pro	rorpR
586	91180		ro	roro
590	95181	060	+	roro
497	03192	063	+	propR
502	97161	019	pro	+
627	97171	024	pro	+
628	92171	028	iropro	pro
715	06171	015	propR	propR
707	01171	004	propRR	prpro
827	97171	045	pro	pro
817	02171	020	pR	pr
804	01181	038	pro	pr
809	91170	009	pro	pro
894	97180	064	+	pro
534	01171	040	rororR	propr
559	92180	038	+	ropro
462	96171	042	ro	rorR
354	97171	022	ro	pro
414	96181	027	ropro	pro
360	02161	015	prororR	ro
396	97170	026	pro	pro
257	02161	011	iriRropro	proprpro
262	95151	027	pr	pro
222	11161	024	rorRroropropr	+
302	01171	016	proiro	pro
334	01161	036	proprtolor	pro
318	01171	020	propr	pro
204	01161	014	ir-pro	pro
131	06151			
162	03141	013	prprororо	pro
135	05161	028	rororriroрr	pro
140	06161	020	rororrpro	pro
171	03171	024	roRro	pRpro
091	08161	051	pro	proprtlr
005	00131	059	+	+
075	08141	009	propRpr	~~pRpr~~ pro
010	97140			
049	00120	047	+	+
026	04141	044	pR	+
022	00151	086	+	+
100	05161	052	propRpR	pro
917	02171	026	rororpro	pro
980	0616	050		
976	0317	056		
965	0117	027		
969	0118	046		
962	0218	022		
952	9718	010		
953	9118	022		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

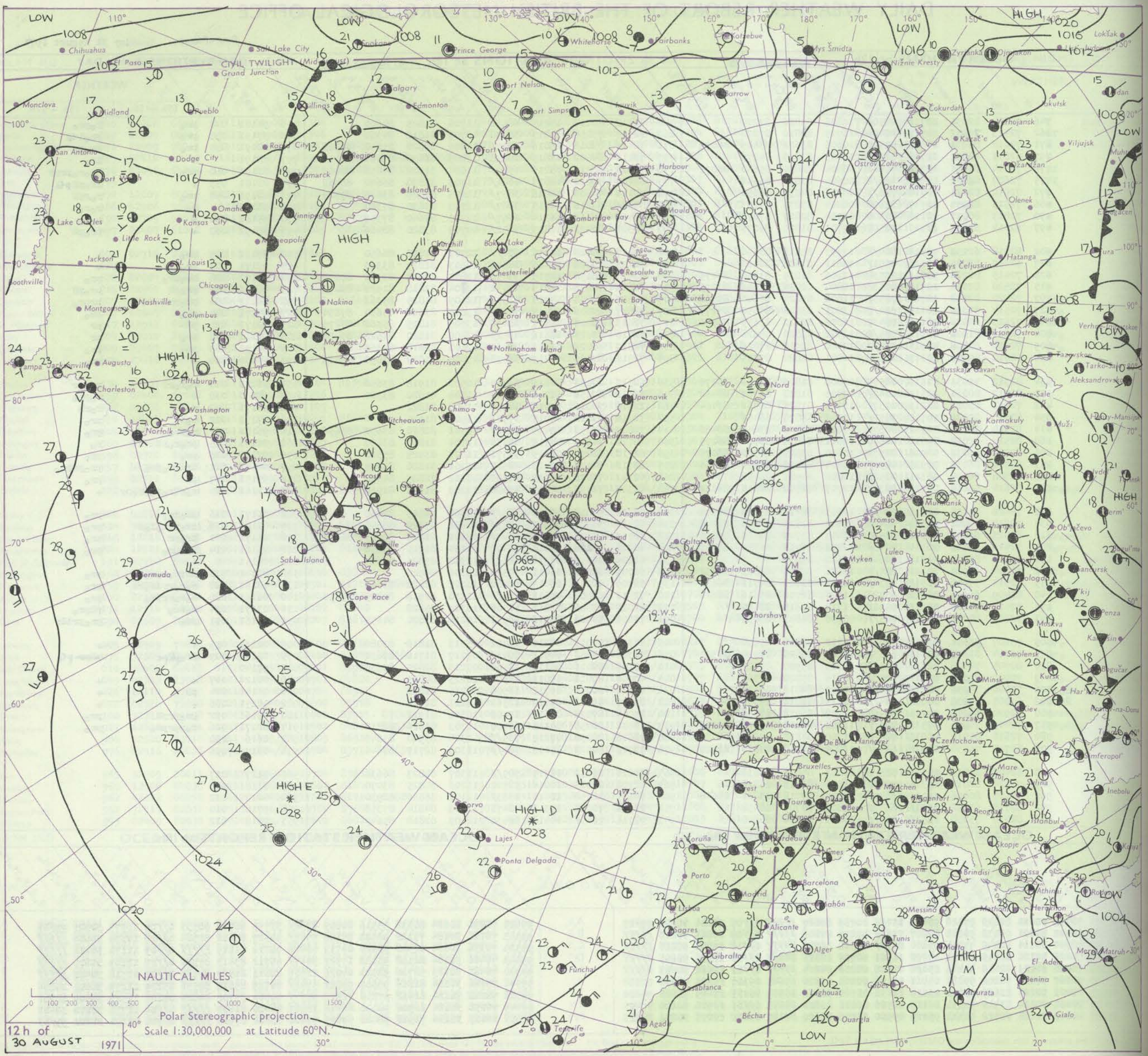
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70333	30124	81023	97022	93009	854//	00733	88617	/////	0//06	11004	30404	99/03
B	99565	70510	30124	73033	98022	87907	723//	00233	87808	/////	0//05	10863	30810	/////
C	99525	70352	30124	82245	97216	96614	873//	00518	88709	/////	0//12	11005	30810	/////
D	99442	70406	30124	62015	98021	17722	21501	00705	82825	840//	0//18	12280	30605	/////
E	99350	70480	30123	42413	98251	25026	42500	00208	84825	/////	0//22	12562	30403	/////
I	99590	70187	30124	72202	99031	03911	58505	00003	83820	85640	05207	11286	30000	22804
J	99525	70203	30124	82619	98022	13215	28432	00106	81818	85359	00113	11493	30604	99/04
K	99450	70160	30124	62707	98031	26117	68500	00110	81826	85656	0//13	11700	30000	32403
M	99655	10019	30124	52912	98022	99109	49560	00205	82920	82825	05204	11053	30202	28603

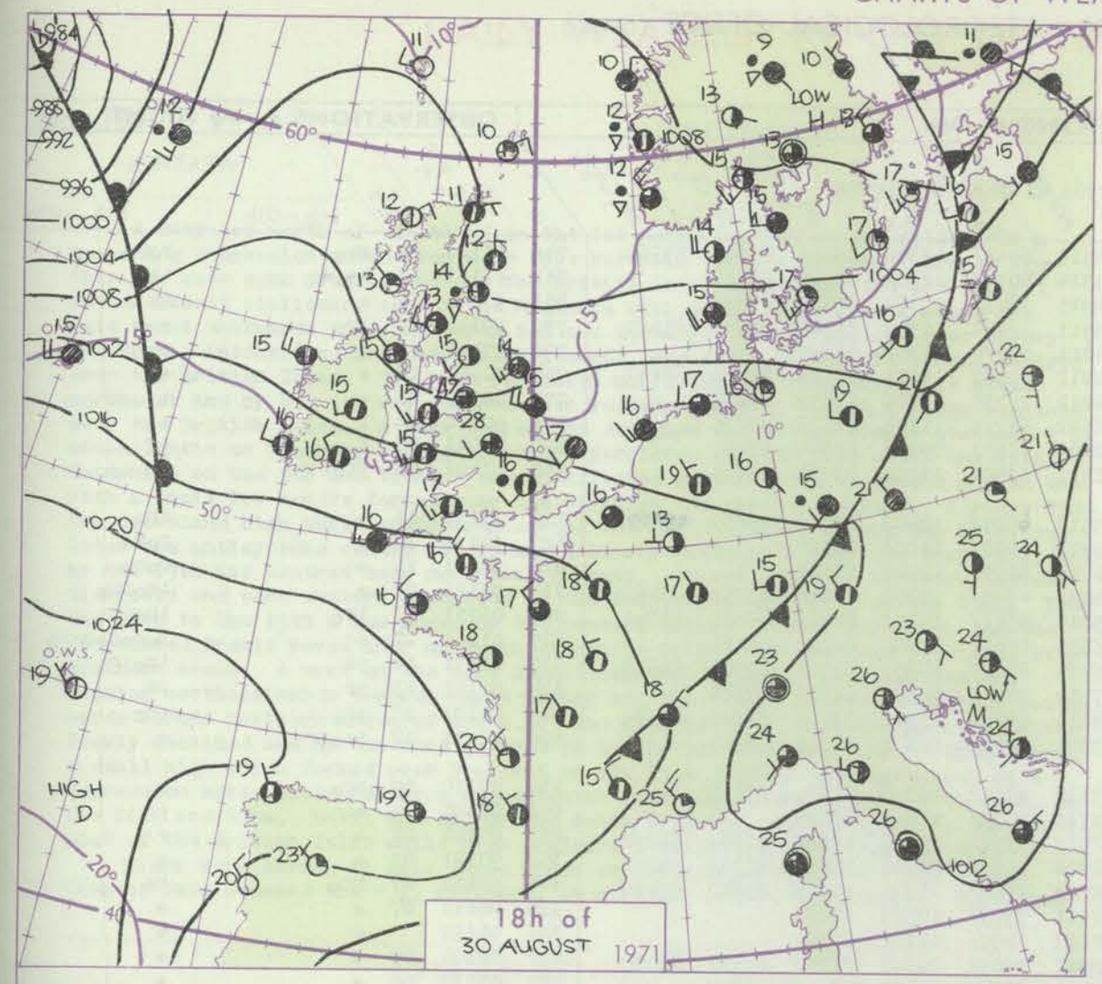
OCEAN WEATHER STATION REPORTS at 18h.

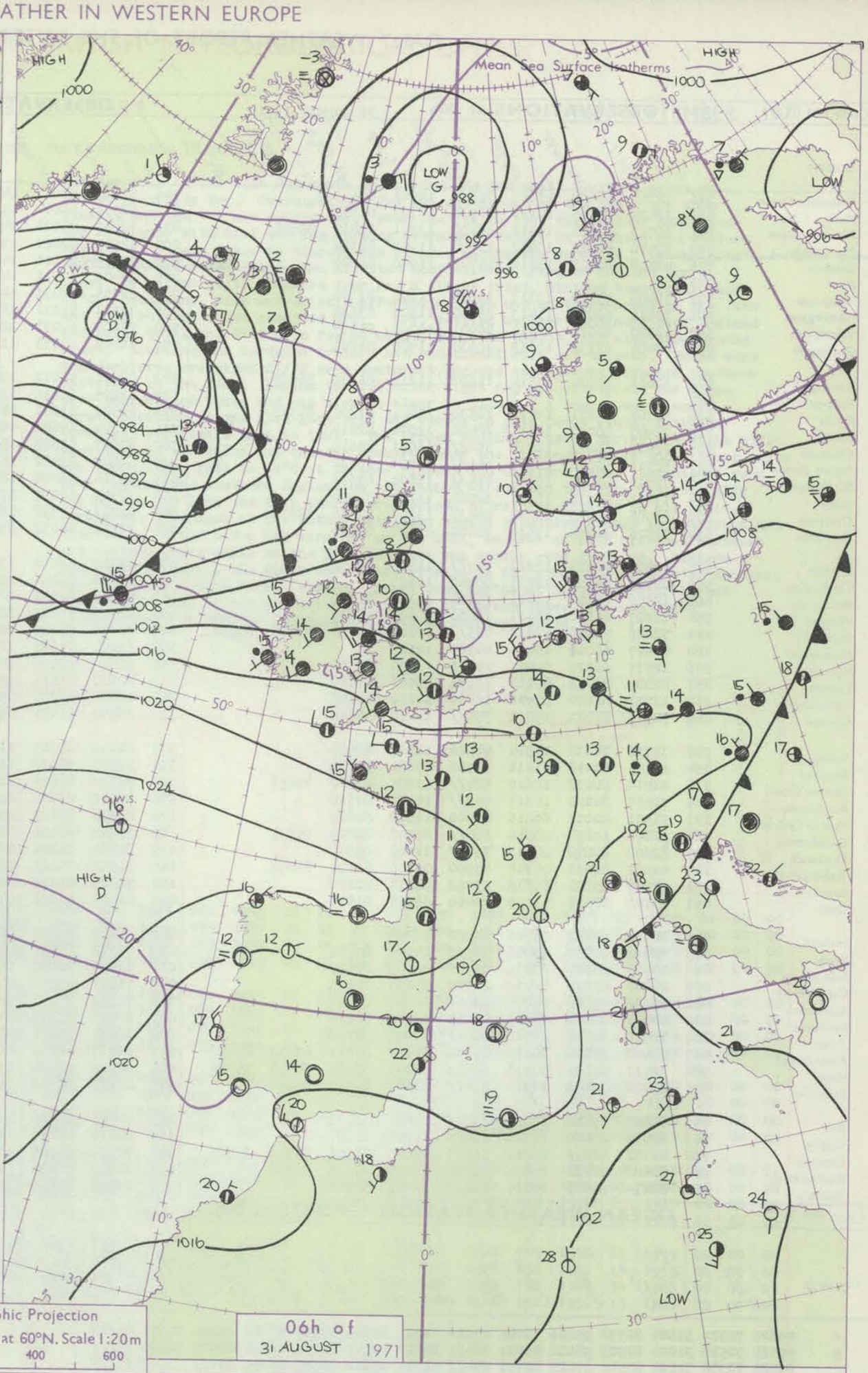
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	30184	80830	95516	82809	6732/	31755	86708	88535	0//09	10974	30505	99/06
B	99565	70510	30184	73128	98022	95108	5547/	00327	85612	88364	0//06	10834	30810	/////
C	99524	70356	30184	12540	98020	00713	18400	00212	81815	/////	0//09	11170	31010	/////
D	99442	70406	30184	82116	98022	15321	3247/	00712	83815	87358	0//19	12109	30605	/////
E	99350	70480	30183	52710	98021	24026	12509	00811	81825	841//	0//22	12518	30402	/////
I	99591	70186	30184	81816	96602	99811	5742/	00729	85810	88556	05209	11279	30201	24804
J	99526	70202	30184	82418	97216	12915	5537/	00804	83708	84620	00114	11525	30604	28706
K	99449	70158	30184	12906	98030	26418	18501	00400	81830	/////	0//12	11758	30000	32402
M	99655	10019	30184	72918	98808	99007	79400	00802	87918	/////	05706	11071	30202	99/03

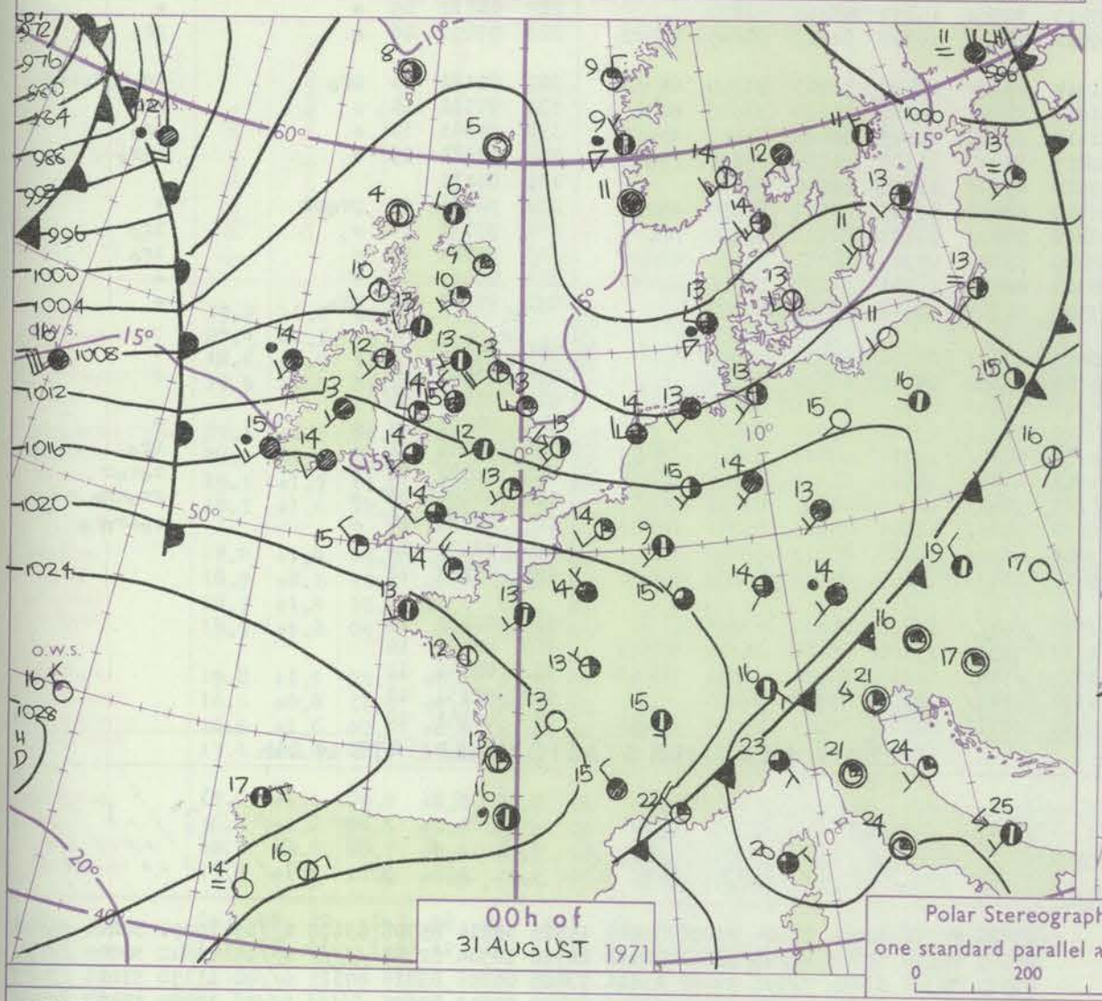
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 31 August 1971

A small low formed northwest of Scotland in a trough in the cool westerlies and moved east to Scandinavia. The high persisted near the Azores with a ridge to Biscay but the dominant Atlantic feature was a deep depression - ex tropical depression DORIA - which moved from South Greenland to near southwest Iceland.

During the next 24 hours this depression will fill a little as it moves towards the Faeroes with its frontal system crossing all districts of the British Isles. Meanwhile a wave on the polar front over Newfoundland will move rapidly east into mid-Atlantic.

Code FM 11.D **OBSERVATIONS at 00h.** 31 August 1971

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	72707	66038	13913	756//	12501	87645		
Hurn	862	12409	75015	14513	10930	12703	81358		
Thorney Island	871	32713	80038	14515	38400	12301	81817	83640	
Manston	797	22410	80016	13012	20930	11502	82362		
Gatwick	776	42508	62018	13812	45700	11000	84650		
Kew	775								
Heathrow	772	32406	75038	13313	30930	11202	83358		
Honington	586	32512	66011	11413	35600	11102	83630		
Wattisham	590	12507	60026	12011	00901	10202	81075		
Gorleston	497	42407	66138	10813	40930	11400	84360		
Aberporth	502	62612	66031	13514	15602	11210	81640	86075	
Ross-on-Wye	627								
Filton	628	42704	74021	13714	18530	12801	81820	84358	
Rhoose	715	22907	80011	14013	28400	12004	82814		
Chivenor	707	82812	66022	14716	854//	13001	88615		
Mount Batten	827	62711	62038	16115	656//	13703	86638		
St. Mawgan	817	72712	66028	16315	754//	13000	87613		
Scilly	804	33009	66018	18115	32500	13207	83820		
Culdrose	809	83008	69028	16815	884//	13203	84818	88630	
Guernsey	894	32815	81258	17614	38400	13602	82814		
Elmdon	534	72506	70028	12212	757//	11206	87650		
Cardington	559	02311	48108	12211	00900	11103			
Wittering	462	12507	66010	11411	15700	10105	81650		
Watnall	354	12707	61030	11411	15600	10105	81640		
Shawbury	414	72806	70258	12013	785//	12106	82820	83635	87656
Finningley	360	02407	66014	10411	00900	10105			
Kilnsea	396	22717	66020	09413	20971	11104	82360		
Leeming	257	22809	80031	09112	15631	10096	81640		
Tynemouth	262	12713	81020	07912	10930	10210	81358		
Carlisle	222	72504	66021	09013	756//	11210	87642		
Valley	302	32712	74038	11914	00902	12208	83075		
Ringway	334	12105	60018	11111	15500	09204	81625		
Squires Gate	318	62914	80038	10615	685//	13205	83820	85656	
Ronaldsway	204	72607	84028	10813	757//	10108	87656		
Mull of Galloway	131	22911	80019	09813	25500	11210	82625		
Eskdalemuir	162	62806	69258	08810	685//	08108	82820	85635	
Prestwick	135	72608	80018	08713	756//	11108	87643		
Abbotsinch	140	42502	80018	08110	45500	09109	81620	84632	
Leuchars	171	22507	85028	07310	25702	08214	82650		
Dyce	091	23108	82018	06909	28400	08215	81814		
Lerwick	005	00000	83020	06705	00900	03208			
Wick	075	72702	82031	07006	755//	05008	87621		
Sule Skerry	010	10000	82020	07209	15500	06203	81625		
Cape Wrath	049	20000	85010	06710	21500	09204	82825		
Stornoway	026	10000	75020	06904	00901	04801	81070		
Benbecula	022	40000	86031	06708	00905	08803	84275		
Tiree	100	12505	84011	07510	18501	09103	81825		
Aldergrove	917	52506	70018	10212	55400	10104	81711	83615	85632
Malin	980	72512	82032	08913	684/2	11002	82818	84645	85070
Belmullet	976	82211	70606	10514	854//	13602	84717	88640	
Birr	965	82205	75022	12713	856//	12802	88633		
Dublin	969	62509	80022	11813	657//	11302	86650		
Shannon	962	82312	66606	12915	5637/	14805	81706	83710	88460
Roches Point	952	82408	70028	14614	2567/	13000	82635	88460	
Valentia	953	82614	60606	15015	864//	14602	88712		

OBSERVATIONS at 06h. 31 August 1971

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	72706	61031	14513	6543/	12304	83616	85650	87360
862	82506	65601	15314	8097/	12304	82358	88460	
871	72807	74021	14915	7843/	13304	81817	87656	
797	62505	70021	13711	38444	10307	81815	83656	85075
776	72405	57101	14211	757/4	11303	87650		
775	82403	62021	14212	30987	11304	81361	83363	88272
772	72405	64031	14212	25736	11306	82656	87272	
586	72611	59031	12512	657/6	11305	86656	87275	
590	72607	60031	12809	25631	09206	82640	87075	
497	62408	60031	11711	63500	10209	83925	86640	
502	82310	58212	13513	6547/	12400	83712	85650	88459
627	82105	60616	13712	8052/	11305	88520		
628	82509	61601	14714	8097/	12305	88460		
715	82704	65601	14713	4847/	12307	83816	83359	88462
707	82607	62606	15215	854//	13203	84712	85620	88645
827	82807	62022	16515	1562/	13306	81640	88460	
817	82714	56606	16514	850//	14303	81701	87702	88618
804	72711	66021	17515	755//	14302	84625	87650	
809	82903	56258	17014	882//	13301	83704	83710	88625
894	72712	70032	17315	784//	13301	84814	86645	
534	82205	66022	13112	7561/	10306	84635	87650	
559	72406	56101	13711	757//	11309	87650		
462	72507	62021	12512	35776	11308	83656	83362	86272
354	72506	59021	12511	25778	10306	82650	83363	87078
414	72406	74026	12713	4552/	11305	81625	83650	87460
360	72105	59031	11411	757//	10307	87650		
396	72810	60022	10113	7097/	11102	87360		
257	70000	82011	10511	15676	09307	81640	83362	87075
262	62811	66030	09411	30941	10207	83358	86075	
222	70000	61031	09510	58446	10203	81710	84645	87272
302	82413	61615	11914	4537/	12400	81706	84650	88460
334	82305	59038	11912	7847/	10306	81810	83625	86650
318	72712	80021	11414	7847/	12305	85818	84656	87360
204	82510	63602	10813	35377	11302	81706	83650	87362
131	82618	74022	09512	4562/	11400	84640	88460	
162	72206	66038	09809	684/6	07306	83712	85633	87272
135	82304	70021	08812	6543/	11301	81712	83617	86645
140	80000	75021	08409	5547/	08302	82712	84630	88465
171	72506	85031	08108	48476	08301	81812	84635	87270
091	82505	82031	07309	55607	08601	85630	88270	
005	30000	89030	06405	15631	04502	81630	83075	
075	71502	80031	06009	25632	07708	82630	87070	
010	61609	82031	05311	21506	08710	82825	86070	
049	71801	85031	04310	35511	09715	83625	85460	
026	71812	75031	04211	4841/	10716	82816	83624	87459
022	82013	72606	04212	6542/	11713	82711	86635	88459
100	82114	80616	06113	5842/	12810	81710	83816	88459
917	81907	66216	09812	852//	11101	83705	85706	88630
980	82117	70608	07813	864//	12706	86713	88640	
976	82113	78216	09415	7647/	13805	85717	83638	86458
965	82405	62026	12914	864//	12208	84814	87635	
969	82611	80216	11313	7632/	13500	83708	85712	86640
962	82509	65106	13615	6547/	14206	83715	84630	88458
952	82609	70026	15314	2647/	13309	82717	88460	
953	82205	58606	15415	6631/	14203	82707	86714	88462

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	91121	10	pr_o	r_or_o
862	91131	11	~~r_{so}~~	ir_o
871	97141	11	+	r_o
797	97110	09	ir_o	+
776	97091	07	+	+
775	00121	08	+	+
772	00110	08	+	+
586	00110	09	1	+
590	00081	05	1	+
497	93101	08	pr_o1	+
502	97131	11	+	ir_o
627	94111	10	+	r_or_o
628	94131	10	+	r_or_o
715	97121	09	+	ir_opr_o
707	06151	13	ir_o	ir_oiR
827	01141	12	+	$d_or_od_or_or_o$
817	01131	12	pr	ir_oir
804	92141	13	pr	pr
809	01131	12	pr_o	pr_o
894	02131	12	pr_opr	+
534	97110	09	pr_o	+
559	00090	06	+	+
462	97101	07	+	+
354	97101	09	+	+
414	92111	07	pr_o	r_o
360	00111	07	+	+
396	00120		+	+
257	00101	05	+	+
262	00111	09	+	+
222	97091	06	+	pr_o
302	01131	11	pr_o	$id_or_or_oir_o$
334	97111	10	+	pr_o
318	97141	12	+	pr_o
204	94121	09	+	r_or_o
131	03111			
162	96081	05	pr_opr	+
135	97121	10	+	ir_o
140	97081	05	+	ir_o
171	00061	02	+	+
091	97061	03	pr_o	+
005	00030	53	+	+
075	00061	00	+	+
010	00080	50		
049	00091	07	+	+
026	94031	51	+	ir_o
022	02081	06	+	r_or_or
100	01091	06	+	rr_oir_o
917	01121	10	+	$r_o-r_or_o$
980	92131	11		
976	03131	12		
965	02131	11		
969	97131	10		
962	02141	13		
952	91131	12		
953	02141	14		

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	99620	70329	31004	80738	95616	76009	6722/	21707	84705	85708	0//09	11006	31010	99/08
B	99565	70510	31004	82923	98028	00507	884//	00226	81810	88617	0//05	10824	30808	/////
C	99525	70358	31004	82540	97022	02911	884//	00216	83810	86625	0//09	11153	31012	/////
D	99444	70405	31004	73513	97216	16219	55478	00309	85625	842//	0//17	12286	30604	/////
E	99350	70480	31003	42906	98011	24624	12531	00207	81825	/////	0//21	12571	30403	/////
I	99590	70185	31004	81720	96636	91211	7742/	41748	87710	/////	05211	11289	30604	00/00
J	99527	70201	31004	82228	97022	09715	853//	00817	85707	88620	00114	11506	30708	28705
K	99447	70156	31004	02908	98020	27016	00900	00000	/////	/////	0//13	11722	30000	32402
M	99657	10017	31004	52818	98258	98206	59400	00603	85918	/////	05803	11079	30202	99/02

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	31064	73604	97206	77809	55328	00214	85706	83620	0//09	10991	30000	99/06
B	99565	70510	31064	22808	98011	00306	20930	00504	82365	/////	0//04	10842	30705	/////
C	99525	70362	31064	72636	97028	05611	78400	00206	83815	87625	0//08	11150	31011	/////
D	99444	70405	31064	50000	97022	15219	25478	00610	82625	/////	0//16	12280	30402	/////
E	99351	70480	31063	42409	98011	22225	41500	00715	84825	/////	0//22	12560	30402	/////
I	99589	70189	31064	72125	96806	87212	69450	51822	86915	/////	00009	11279	30705	17603
J	99524	70203	31064	82425	97616	06615	873//	41712	85706	88708	00115	11504	30708	28704
K	99447	70157	31064	12610	98030	25516	12400	00605	81816	/////	0//12	11700	30000	30402
M	99660	10020	31064	62821	98158	98807	39480	00305	83918	83359	05405	11008	30203	99/02

RATES of SUBSCRIPTION: Single copy 4p or post free 6p ; one calendar month £1·15 ; one quarter £3·25 ; one year £11·50 ; by second class mail. For first class postage rates and for special arrangements for supply to schools and colleges see Form 2452 or apply to Director-General, Meteorological Office, London Road, Bracknell, Berks. RG12 2SZ.

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