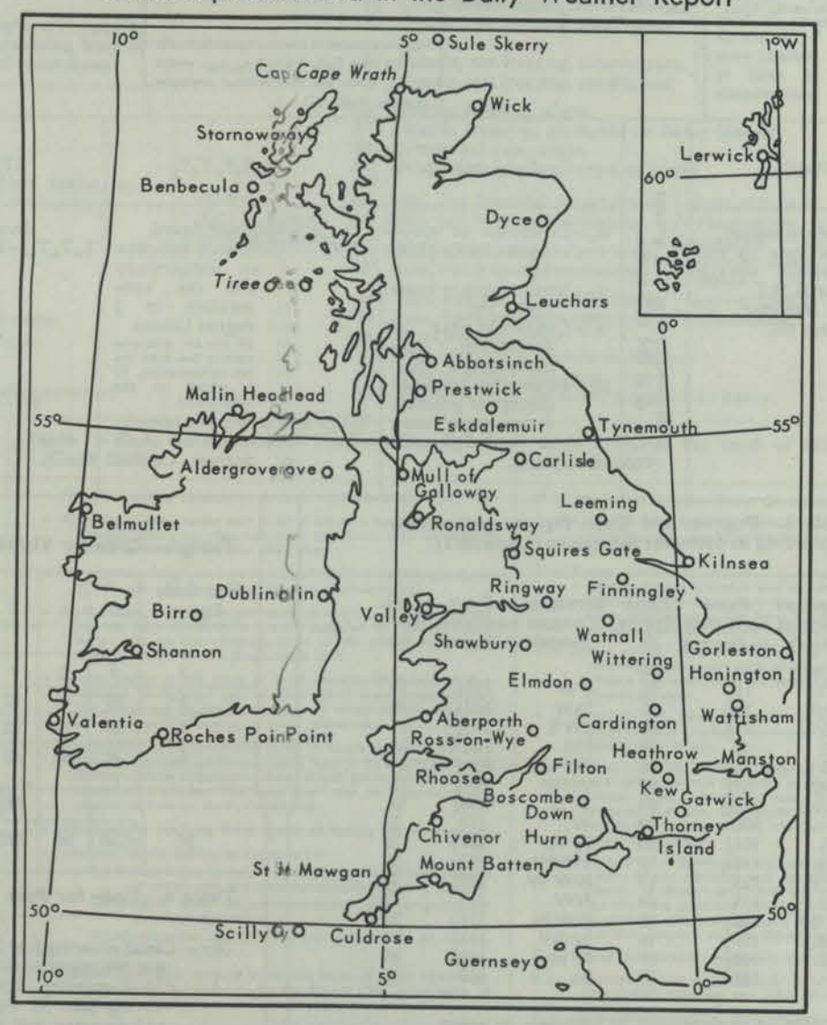
THE DAILY WEATHER REPORT

(INNTRODUCTION)

1st October tto 31st December, 1971

Stations publisblished in the Daily Weather Report



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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 Duststorm, Sandstorm, 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.
51	Drizzle, not freezing, continuous.
	(slight at time of observation.)
52	Drizzle, not freezing, intermittent.
53	Drizzle, not freezing, continuous.
	(moderate at time of observation.)
54	Drizzle, not freezing, intermittent.
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.
61	Rain, not freezing, continuous.
	(slight at time of observation.)
62	Rain, not freezing, intermittent.
63	Rain, not freezing, continuous.
	(moderate at time of observation.)
64	Rain, not freezing, intermittent.
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.
71	Continuous fall of snow flakes.
	(slight at time of observation.)
72	Intermittent fall of snow flakes.
73	Continuous fall of snow flakes.
	(moderate at time of observation.)
74	Intermittent fall of snow flakes.
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.
	(thunderstorm during the preceding hour, but not 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 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 cumuliform: 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 or more continuous layer progressively invading the sky: these altocumulus cloud 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. 190

MONTHLY SUMMARY

For OCTOBER 1971

UNSETTLED MID-MONTH OTHERWISE GENERALLY DRY

A weak front affected northern areas of the British Isles on the 1stst and 2nd with a ridge over southern districts. On the 3rd, a small low drifted eastwards across southern England before filling. During the 4th and 5th a high nearear Iceland moved south, and by the 8th was centred over the Adriatic. A deepening depression moved northeastwards across the Atlantic and reached north Norway by the 7th. An associated cold front moved across Scotland before becoming almost stationary over northern England on the 8th as minor waves moved east, but on the 9th continued its southward progress. Low pressure persisted north of the British Isles from the 10th to the 12th. A shallow low near the Azores on the 11th moved northeast and then eastwards. By the 14th it was centred over northern France and later transferred to north Italy. An anticyclone over Greenland moved southeastwards on the 11th and during the 14th and 15th crossed the British Isles. From the 15th to the 24th a low pressure area persisted over the Norwegian Sea and troughs moved northeastwards across the United Kingdom. On the 23rd a shallow wave moved northeastwards along a cold front lying over south Scotland but during the 24th and 25th the front moved south and into the Continent. An anticyclone developed and became almost stationary over the British Isles from the 25th to 28th. By the 29th a cold front had made some progress into western districts of the United Kingdom and it continued to move eastwards, followed on the 30th and 31st by further fronts, associated with a depression which moved from south of Iceland to central Norway.

From the 1st to the 10th there was occasional rain or showers over Scotland. England and Wales were dry apart from some showers in the southwest on the 3rd (with an isolated thunderstorm), southeast England on the 4th and some slight rain over northern districts on the 9th and 10th. During the period 1st to 10th fog formed on most nights over England and Wales and became widespread and dense in many places, particularly overnight 2/3. On the 2nd Wick recorded a maximum of 20°C, the highest October temperature recorded there since records began in in 1888. Frost occurred during the nights 5/6, 6/7 and 7/8, Gatwick and South Farnborough reported night minima of -3°C. Rain spread slowly south to affect northern England and the Midlands on the 11th and southern England on the 12th. Showers over Scotland on the 12th were of hail and snow. Rain persisted over the Midlands and southern areas of England and Wales on the 13th and late in the day snow fell over high ground and thunder occurred in the southwest. It became generally cold and overnight 13/14 the temperature fell to -8°C at Crawford John and Crathie and several places in Scotland recorded the lowest October night minimum since records started. The 14th was dry and sunny. Rain reached western areas during the night 14/15 and moved eastwards during the day, and spread to eastern and southern areas of England on the 16th. Unsettled weather continued from the 17th to the 20th with rain or showers in all areas, and strong to gale force winds in western districts. Some of the showers were heavy and there were thunderstorms. In the 24 hours ended 10 am on the 19th central Manchester had its wettest October day since records began in 1877 - 2.49 ins was measured, and Greenfield near Oldham measured 3.44 ins. Rain and showers continued over Scotland and parts of northern England from the 21st to 24th. Dalness in Glen Etive, Argyllshire measured 6.38 ins of rain in the 24 hours ended 10 am and Fort William 4.74 ins, the wettest October day there since the start of records in 1932. From the 25th to 28th the weather was dry with sunny periods over the British Isles. Fog occurred overnight 26/27 and 27/28 in parts of Scotland and frost also occurred. Occasional rain over extreme western districts late on the 28th moved eastwards across the country early on the 29th. Fog was widespread over England during the night 29/30 and to a lesser extent overnight 30/31. During the 30th and 31st rain and showers affected Scotland. The mean temperatures for the month were above normal everywhere and sunshine amounts were also above normal. London Weather Centre had the sunniest October since records began in 1929. Rainfall amounts in general were near normal, though some areas were dry.

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.	Maximum duration	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	16.5	+2.0	06.8	+0.5	22.6	02	-01.1	07	10	04	03	09.7	9.7	06	153	156	1880	160	1959	051	1894	23	15	12	054	095	1866	151	1880	04	1947	00	00	02
Thorney Island	16.6	+1.4	08.6	+0.8	21.8	02	02.1	15	05	00	04	10.2	9.2	06	157	137	1958	167	1959	076	1963	24	14	16	031	042	1941	188	1949	02	1969	00	00	01
Gorleston	15.4	+1.4	09.9	+1.2	21.0	22	03.4	30	02	00	05	09.6	9.6	06	135	121	1908	183	1920	071	1932	22	10	16	046	074	1914	162	1960	06	1969	00	00	02
Cardington	16.2	+1.8	06.3	+0.5	23.3	02	-02.0	06	11	04	06	09.3	9.3	(b)	147	140	1954	155	1959	062	1960	21	18	19	077	157	1953	102	1960	02	1969	01	00	01
Boscombe Down	16.3	+2.4	07.2	+0.6	22.9	02	-01.2	07	04	02	05	09.9	9.9	06	133	129	1932	148	1959	045	1968	21	18	16	044	059	1931	213	1960	04	1969	00	00	05
Ross-on-Wye	15.8	+1.9	07.5	+0.6	22.0	02	00.2	15	06	00	04	10.1	10.1	05	135	131	1914	156	1919	037	1915	20	20	13	054	073	1859	216	1907	09	1969	00	01	03
Rhoose	15.6	+1.8	08.6	+1.0	20.4	01	01.6	14	03	00	05	09.5	9.5	05	135	134	1954	138	1959	045	1968	19	22	17	114	113	1954	213	1960	13	1969	01	01	03
Mount Batten	16.3	+1.7	10.3	+1.1	21.9	02	02.9	30	03	00	02	10.3	10.3	06	145	127	1921	155	1962	052	1968	23	28	15	069	071	1948	210	1960	12	1969	01	00	00
Elmdon	14.9	+1.6	06.4	+0.4	22.6	02	-01.7	15	12	01	04	09.8	9.8	06	135	147	1928	140	1959	055	1960	21	27	13	052	081	1933	149	1949	05	1969	00	01	01
Valley	15.3	+1.5	10.3	+1.2	20.5	02	00.7	14	04	00	05	09.3	9.3	(c)	110	108	1913	151	1965	053	1968	17	17	16	050	051	1946	179	1961	09	1947	00	00	00
Ringway	15.1	+1.8	08.5	+1.9	21.8	02	02.3	14	03	00	03	10.0	10.0	06	133	157	1945	136	1959	062	1960	20	38	18	069	084	1929	167	1932	14	1946	01	00	00
Watnall	14.9	+1.6	07.5	+1.2	23.0	02	01.4	15	09	00	06	09.4	9.4	05	115	129	1948	130	1959	045	1960	21	12	18	045	070	1946	143	1960	08	1947	00	00	02
Finningley	16.0	+2.1	07.2	+0.8	21.9	02	-00.3	29	06	01	04	09.2	9.2	(a)	132	143	1958	133	1959	050	1960	23	15	18	048	091	1958	138	1960	12	1962	00	00	02
Tynemouth	14.2	+1.5	09.1	+1.0	20.0	01	02.6	15	02	00	02	09.8	9.8	01	113	123	1936	133	1958	042	1960	22	05	17	019	030	1864	196	1903	07	1969	00	00	00
Eskdalemuir	12.5	+1.3	06.0	+1.4	18.7	03	-04.8	14	10	07	11	09.3	9.3	14	082	105	1911	130	1959	042	1968	13	23	17	138	083	1911	331	1967	12	1951	01	00	00
Abbotsinch	13.9	+1.3	07.1	+0.8	19.3	02	-04.2	14	08	06	06	09.1	9.1	14	098	136	1921	114	1967	030	1940	10	23	10	128	107	1920	223	1967	20	(a)	01	00	01
Leuchars	14.0	+1.3	06.5	+0.2	19.7	02	-03.8	13	09	07	05	09.4	9.4	14	121	121	1922	143	1958	048	1960	16	09	07	038	053	1921	158	1932	05	1951	00	00	02
Dyce	13.8	+1.8	05.9	+0.3	21.3	02	-03.9	14	12	03	02	09.4	9.4	14	129	134	1925	135	1958	030	1960	20	11	21	024	025	1946	199	1960	15	1946	00	00	00
Stornoway	12.8	+1.1	07.4	+0.4	17.4	(a)	-02.0	13	05	03	04	08.2	8.2	28	088	116	1880	135	1898	034	1921	06	29	21	128	115	1943	220	1967	19	1946	00	01	00
Aldergrove	14.3	+1.7	08.8	+2.0	19.6	02	00.3	25	03	00	07	08.7	8.7	29	089	110	1927	117	1939	049	1954	15	08	17	038	038	1926	147	1954	19	1951	01	00	00

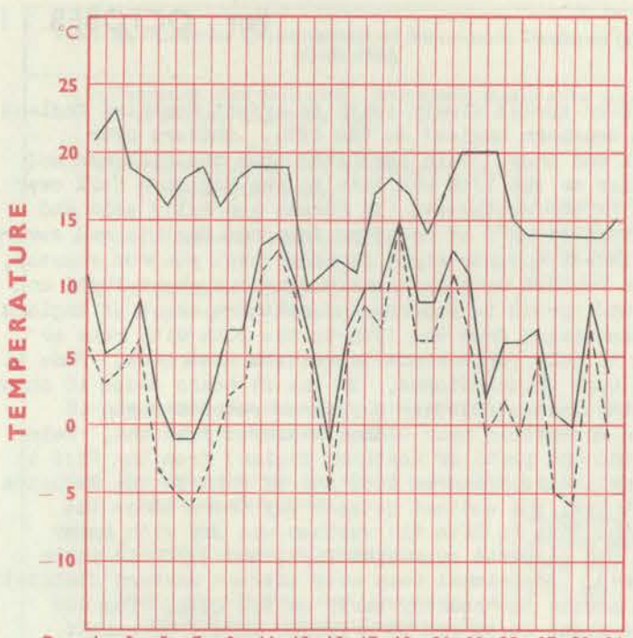
(a) 01, 02

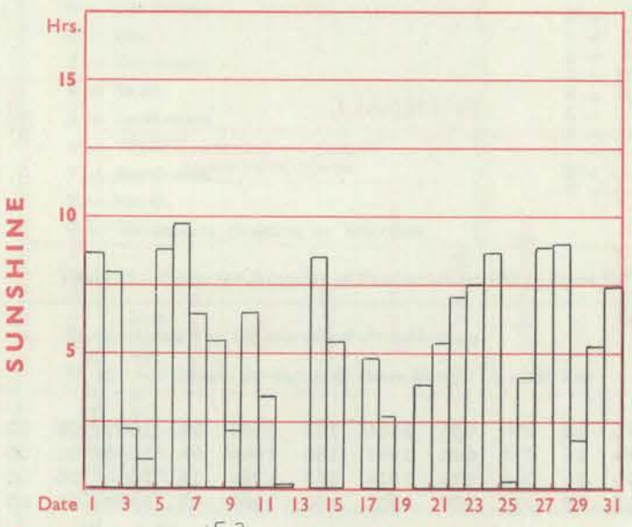
(a) 01, 05 05 (b) 06, 27 (c) 14, 26

(a) 1946, 1951

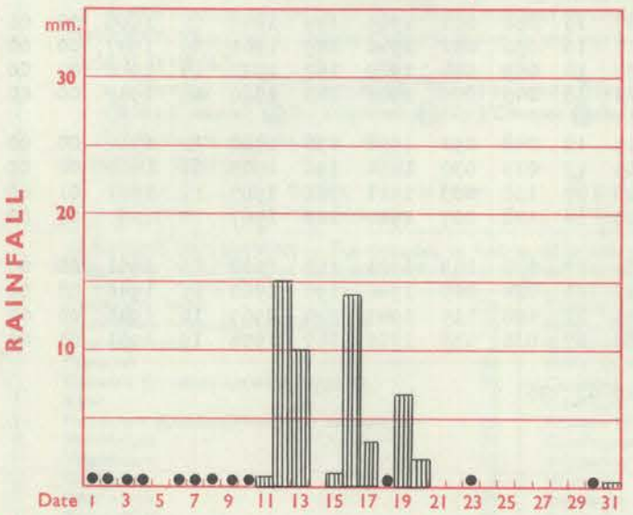
Corrections to Monthly Summary No. 189 for September 1971
ALDERGROVE: Lowest Minimum: 01.8, date 24.
Para. 2, Sentence 6. For: On the 10th and 11th thunderstorms and rain - read - Thunderstorms overnight 9/10 and rain 10/11.

LONDON (Kew)



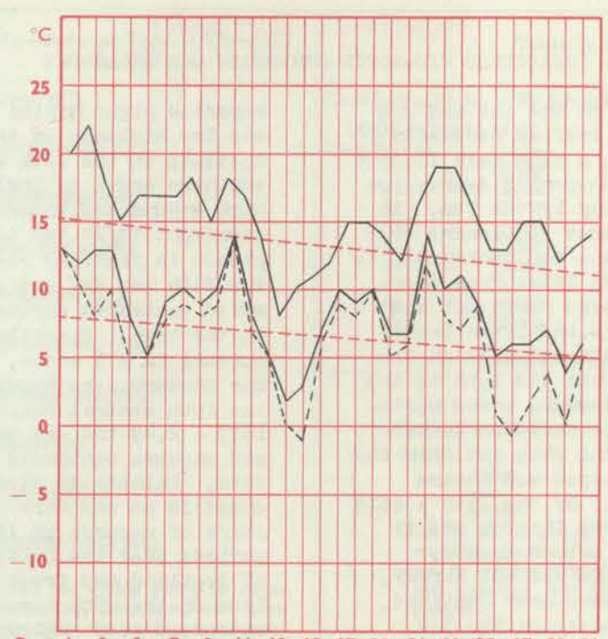


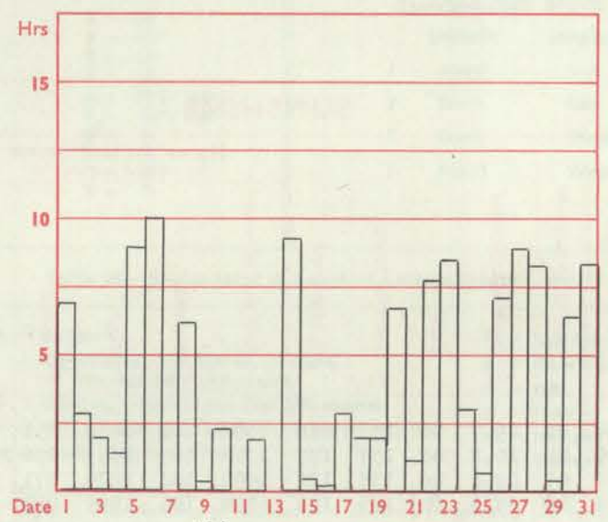
Total for month 153 30-year (1931–1960) average 98 hrs.



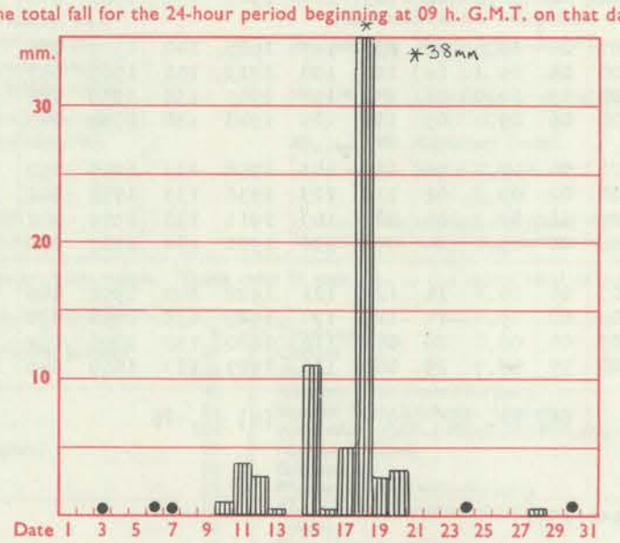
Total for month 54 35-year (1916–1950) average 57 mm.

MANCHESTER (Ringway)



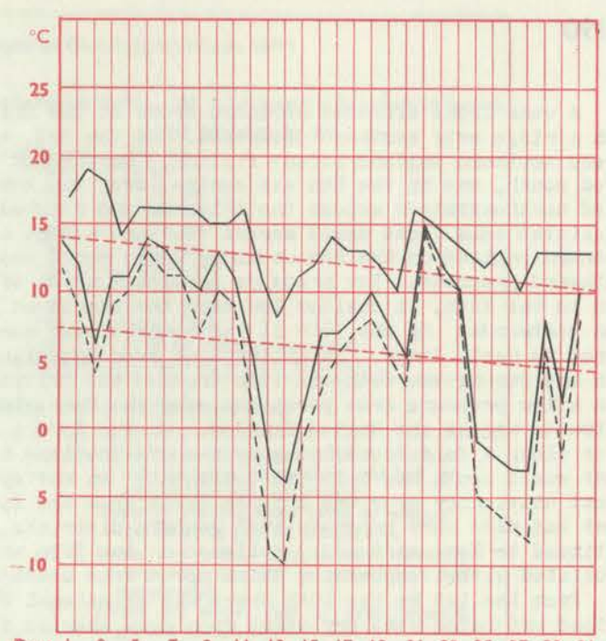


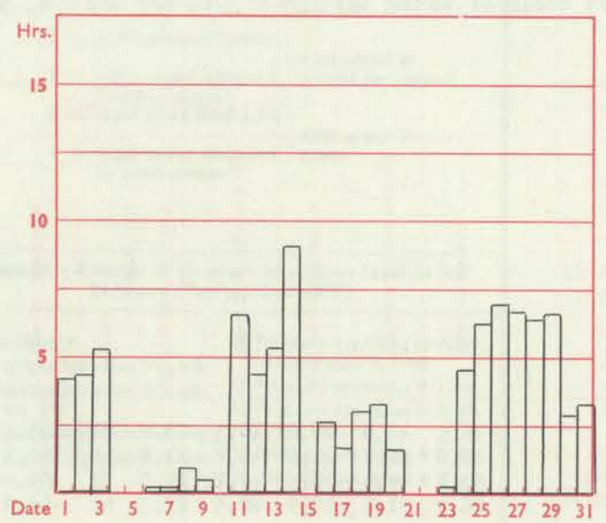
Total for month 133 30-year (1931–1960) average 85 hrs.



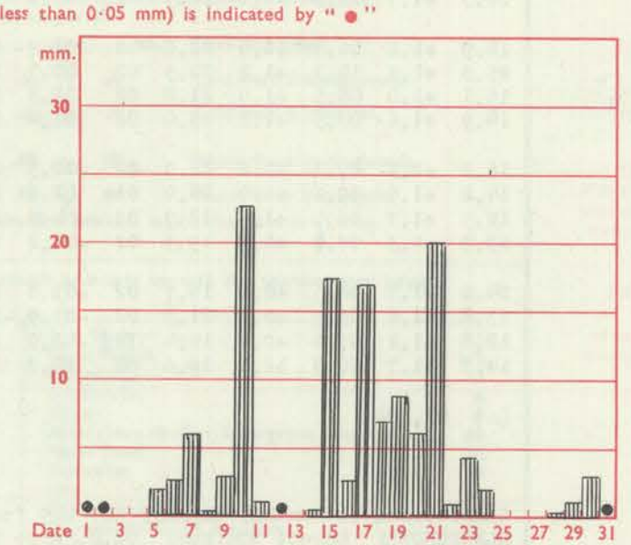
Total for month 69 35-year (1916–1950) average 82 mm.

GLASGOW (Abbotsinch)





Total for month 98 30-year (1931–1960) average 72 hrs.



Total for month 128 35-year (1916–1950) average 119 mm.

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

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40125

Date of Issue Friday 1 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 30 September 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	62309	66012	28919	654//	15209	81710	86612	
Hurn	862	72508	65011	29818	756//	14209	87630		
Thorney Island	871	62410	80014	29819	685//	14209	82820	83628	85656
Manston	797	72410	78021	29019	785//	14304	81820	87650	
Gatwick	776	72410	75021	29319	754//	15210	83616	87650	
Kew	775	72006	70022	28619	784//	15206	83818	87628	
Heathrow	772	72210	70022	28820	654/1	15206	81714	86645	
Honington	586	72509	64016	27519	4843/	15208	81818	84645	87358
Wattisham	590	72510	59026	28119	784//	15210	81815	87628	
Gorleston	497	62210	60016	27219	6092/	16209	86460		
Aberporth	502	82211	62025	26917	853//	17215	86706	88615	
Ross-on-Wye	627	62111	66022	26820	655//	17204	86625		
Filton	628	82404	23505	28917	852//	16214	84703	87708	88620
Rhoose	715	72511	60516	28517	771//	16213	82702	85704	87708
Chivenor	707	82305	40596	28817	871//	17113	82702	86704	88707
Mount Batten	827	72107	56515	29815	772//	15109	85703	87707	
St. Mawgan	817	82008	74025	29017	863//	15110	81708	88710	
Scilly	804	12006	81021	29018	12400	16207	81818		
Culdrose	809	72310	72035	28617	58331	15207	83706	84620	
Guernsey	894	12106	82020	30318	11400	14107	81810		
Elmdon	534	71910	57202	27517	753//	16213	85706	87620	
Cardington	559	72310	59052	28019	5853/	15308	83825	83656	87359
Wittering	462	72410	66015	27219	754//	15210	81712	87630	
Watnall	354	32210	59015	26320	31401	16212	83812		
Shawbury	414	32811	85025	26221	21541	15211	82822		
Finningley	360	42211	59041	25721	38501	16110	81825	83640	
Kilnsea	396	52613	57031	25319	11571	16211	81820	85075	
Leeming	257	22811	82011	25121	21541	14218	82825		
Tynemouth	262	42807	66021	24219	22630	16213	82830	84358	
Carlisle	222	52610	75012	24219	48431	16215	81712	83817	
Valley	302	82015	17105	25815	860//	15212	88701		
Ringway	334	52408	70025	25620	51400	13210	85818		
Squires Gate	318	52610	65015	25917	58231	16213	84704		
Ronaldsway	204	12107	86011	24918	18501	14210	81820		
Mull of Galloway	131	31912	80011	28317	12530	14208	81820	83360	
Eskdalemuir	162	32412	69011	23518	32430	14112	81715	83827	
Prestwick	135	62706	83012	23017	58531	13007	83822	83635	
Abbotsinch	140	72107	68022	22816	5843/	13110	83818	84627	85360
Leuchars	171	32012	60011	22417	32400	13107	83818		
Dyce	091	61508	70016	21914	66300	12205	82708	84713	
Lerwick	005	72216	80251	20612	6847/	09207	81710	86645	87360
Wick	075	71907	89022	21513	38532	09007	81820	83362	
Sule Skerry	010	72309	81038	20912	5357/	12212	83920	85625	87360
Cape Wrath	049	72302	83038	20612	2357/	09206	82920	87360	
Stornoway	026	82010	80031	20713	12477	11207	81815	83359	88270
Benbecula	022	81911	75606	20412	2537/	11002	81709	85360	88465
Tiree	100	71613	87016	20713	4547/	13003	81710	83650	87459
Aldergrove	917	62011	80022	22717	5843/	13002	81710	84640	
Malin	980	81916	84022	20515	5647/	12806	85717	88459	
Belmullet	976	82024	57586	19116	872//	16502	82705	86710	87635
Birr	965	51913	82016	23420	585//	16302	82822	84640	
Dublin	969	72306	84031	24019	784//	14304	81819	87640	
Shannon	962	72408	85025	23320	784//	16208	83718	86645	
Roches Point	952	62215	75026	25718	624//	16109	86712		
Valentia	953	52022	65016	23719	58400	15210	81713	85632	

OBSERVATIONS at 18h. — 30 September 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
74746	32008	66011	29115	35600	14302	83635		
86262	71904	59031	29815	754//	13500	82712	86625	
87371	42506	74011	29916	45300	13102	81708	83620	
79797	52108	72011	29717	55500	14306	82622	84656	
77776	12106	58011	29616	15400	14202	81615		
7775	81905	62032	29118	856//	15306	88630		
7772	82008	65028	29119	854//	15306	82618	84626	88640
5886	32203	61011	28219	38500	16302	82825		
5990	72103	58022	28618	755//	16204	87627		
4997	71905	58022	28019	756//	17205	87635		
5002	42110	62015	27916	35301	15206	81708	83612	
62627	72304	63021	27918	756//	16201	87630		
62628	72205	32506	29117	753//	16201	81707	86710	87625
71715	53107	63015	28716	55330	15601	81708	83630	
70707	23302	74016	28716	15531	15501	81625		
82927	71702	66035	29414	754//	14704	85710	87630	
81717	21502	74011	28717	22400	14705	82710		
80104	11505	81020	28316	12400	15607	81818		
8099	30000	60011	28616	28201	14803	81705		
8994	00804	74020	29815	00900	12705			
5334	72209	56601	27619	784//	17302	81812	83628	87645
5559	12107	59051	28417	15600	15303	81640		
4662	12307	66021	27618	11500	16304	81825		
3554	12303	56051	27318	18401	15306	81815		
4114	72709	82031	27219	744//	15204	81818	87645	
36660	02406	67011	26619	00900	15306			
39896	42309	59031	26519	40970	16206	84360		
25257	22508	82030	26118	15641	13303	81630		
26262	12308	61020	24917	15600	16202	81630		
22222	63207	86032	25516	6098/	14307	86362		
30202	91918	04452	26316	9////	16201	89///		
33334	52206	70031	26819	55640	15307	85635		
31818	72002	70211	26717	753//	16301	81706	83630	87650
20404	72106	61285	25315	56102	14501	82702	84704	85075
13131	41927	62030	23215	30949	14102	83360		
16262	82100	37401	25214	860//	13207	88700	~~87635~~	
13535	71911	70032	22717	785//	14501	81720	85630	87640
14040	72108	57212	22216	754//	14704	81712	83624	86645
17171	80000	66031	22217	855//	14203	88623		
09191	41913	70211	20816	45630	11506	83645		
00505	72007	80022	20010	5537/	09503	81707	85650	87360
07975	81505	75036	18812	8097/	11718	81360	88362	
01010	80000	74028	18712	855//	12712	88620		
04949	80902	66636	17511	875//	10720	88720		
02626	81514	36636	15613	854//	13735	85718	88623	
02222	82124	32586	15314	862//	14623	85704	88707	
10000	82123	62216	18216	852//	15607	81703	86707	88621
91717	72009	75031	23119	784//	15207	81712	85625	86650
98080	72023	82026	20518	754//	15304	81717	87640	
97676	81919	58106	20516	7637/	15206	83706	86710	88459
96565	31807	82031	24218	18502	13205	81823	83070	
96969	32206	88031	24720	18502	14306	81824	83080	
96262	51911	83031	23918	48601	14204	81830	84645	
95252	71909	75032	26016	752//	15501	83704	87645	
95353	81914	62102	23917	863//	15803	86708	88713	

OBSERVATIONS during DAY

iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00211	014	+	+
862	00190	039	+	+
871	00200	034	+	+
797	00210		+	+
776	00210	031	+	+
775	00210	007	+	+
772	97210	004	pr$_o$	+
586	97211		r$_o$	+
590	00201	011	+	+
497	00210	015	+	+
502	91191	001	fid_o	id_o
627	00210	034	+	+
628	01181	000	id_or$_o$rd_o	d$_o$id_o
715	94181	000	id_od$_o$d$_o$	d$_o$
707	95191	025	drd_o	+
827	97181	040	d$_o$d$_o$	+
817	00190	026	+	+
804	00200	099	+	+
809	97181	079	+	ff
894	00190	106	+	+
534	92201	038	id_o	r$_o$r$_o$d$_o$r$_o$
559	00210	022	+	+
462	00210	042	+	+
354	91221	050	d$_o$	+
414	00211	061	+	+
360	00230	077	+	+
396	00210	098	+	+
257	00210	073	+	+
262	00201	059	+	+
222	00191	046	+	+
302	97171	000	i$d_o$ff	ff
334	00221	065	+	+
318	97181	040	d$_o$	r$_o$
204	97181	040	fd_o	d$_o$f
131	00171			
162	97191	043	+	FFd_o
135	97181	016	+	ir$_o$
140	97171	006	+	ir$_o$
171	00191	023	+	+
091	97161	018	+	r$_o$
005	92131	033	pr$_o$	pr$_o$i$d_o$if
075	95131	007	ir$_o$	ir$_o$ir
010	03142			
049	09122	001	+	rrRR
026	22162	000	ir$_o$	rrRR
022	02151	005	r$_o$ir$_o$	d$_o$r$_o$drd_od$_o$
100	01161	000	ir$_o$d$_o$r$_o$d$_o$	dri r$_o$
917	00201	049	+	+
980	9718	001		
976	0117	000		
965	9722	073		
969	0022	066		
962	9722	053		
952	9718	037		
953	0220	022		

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

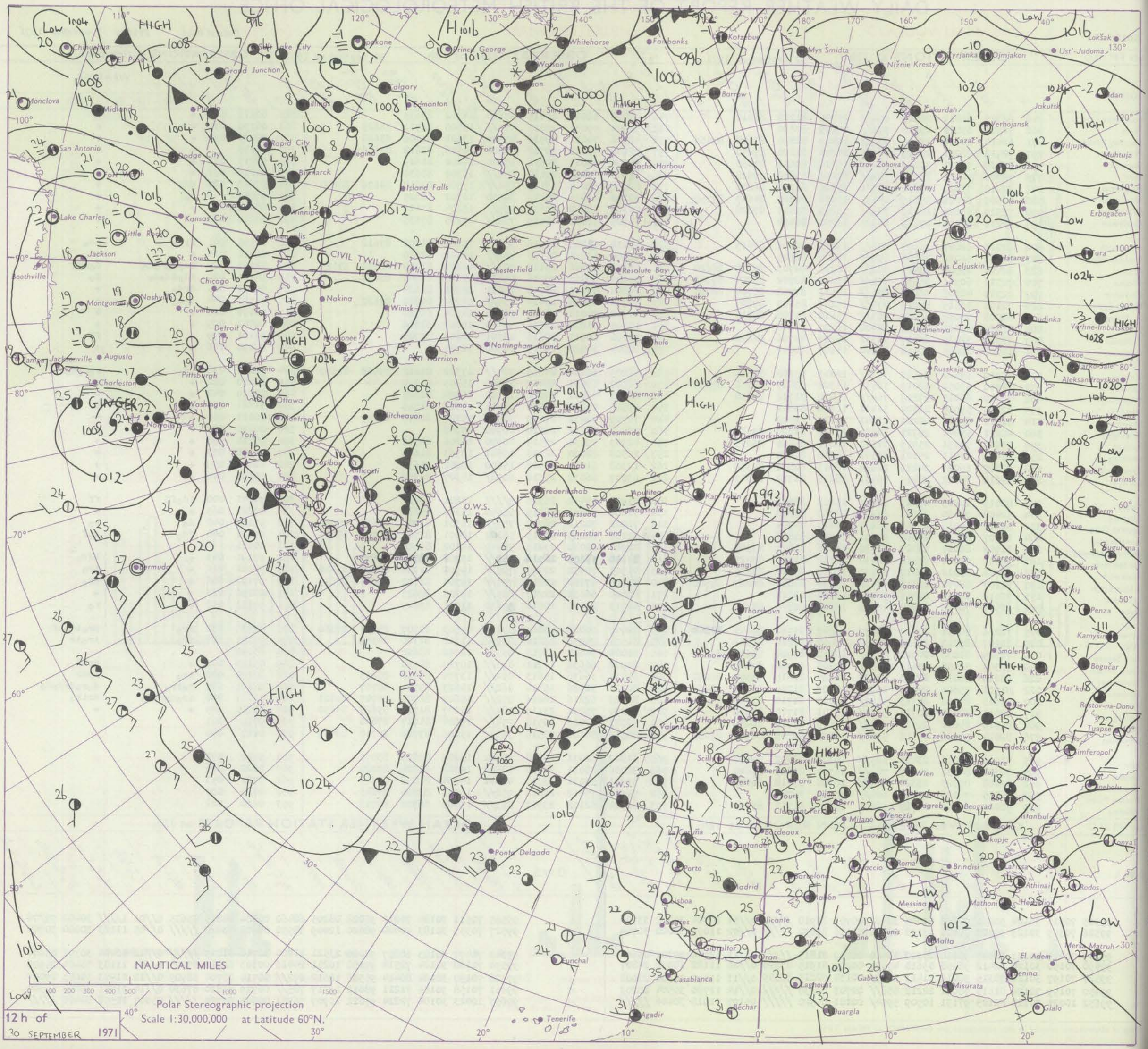
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	3P	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A															
B	99565	70511	30124	50211	97158	09004	33462	00701	83910	/////	0//51	10704	30402	32	33704
C	99526	70355	30123	32302	98011	13108	28530	00116	82830	/////	0//02	11099	30000	300	30704
D															
E	99349	70479	30123	11007	98010	25520	11400	00109	81815	/////	0//11	12446	30301	001	03604
I	99590	70190	30124	62412	98258	09610	49431	00209	81915	83820	0//08	11182	30302	202	24807
J	99527	70197	30124	70315	98016	11413	3847/	00134	82815	83359	0//11	11470	30604	204	28008
K	99450	70159	30124	81515	98021	22218	856//	00703	88630	/////	0//14	11790	30504	24	28203
M	99652	10021	30124	62123	97151	10909	5954/	00101	85920	/////	05107	11018	30406	06	/////

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70511	30184	70212	98028	08205	68460	00504	84815	85635	0//01	1////	30402	99/04
C	99527	70355	30183	40000	98020	12009	38550	00608	83820	/////	0//05	11123	30000	30704
D														
E	99343	70477	30183	10807	98020	23521	11400	32716	81815	/////	0//12	12424	30301	03604
I	99590	70188	30184	72514	97158	10211	24416	00303	82818	87275	0//05	11183	30404	24908
J	99526	70197	30184	80414	95586	10612	872//	00714	86704	88709	0//12	11443	30603	29007
K	99451	70158	30184	71211	98012	19317	785//	00719	81820	87630	0//14	11756	30000	14504
M	99653	10023	30184	72224	97022	10909	56551	00605	85720	/////	05007	10998	30406	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 30 SEPTEMBER 1971

Mean Sea Surface Isotherms

00h of 1 OCTOBER 1971

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

06h of 1 OCTOBER 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 1 October 1971

The depression to the north of Iceland has moved away northeast leavinving a residual low to the southwest of Iceland. The two wave depressions on the cold old front extending southwestwards from Norway have moved northeast to the Shetlaetlands and to near O.W.S.'J' respectively with little development. The high over nor northern Europe drifted slowly east and intensified slightly. During the next 24 hours the wave depressions are expected to affect northwestern districts of the British Isles while anticyclonic conditions will dominate the southeast.

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

Code FM 11.D

OBSERVATIONS at 00h. — 1 October 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	81805	01464	30212	870//	12801	88700		
Hurn	862	80000	22102	30513	862//	13601	88704		
Thorney Island	871	30302	01464	30411	35600	11802	83630		
Manston	797	12602	60011	30513	10930	13301	81362		
Gatwick	776	41701	28284	30811	45000	11101	81700	84636	
Kew	775								
Heathrow	772	12105	57011	30414	15600	13202	81645		
Honington	586	12204	28101	29315	15600	14101	81630		
Wattisham	590	22307	28111	29815	25500	14400	82625		
Gorleston	497	02206	32101	29016	00900	15101			
Aberporth	502	41607	19281	28313	46200	13802	84703		
Ross-on-Wye	627								
Filton	628	51504	56105	29716	46430	15802	84711	83362	
Rhoose	715	91309	01471	29415	9////	15802	89/00		
Chivenor	707	81107	03424	29113	860//	13803	88700		
Mount Batten	827	90905	01504	29512	9////	12804	89/00		
St. Mawgan	817	11412	58101	28413	16200	12708	81704		
Scilly	804	01309	81020	27615	00900	14711			
Culdrose	809	20911	30102	28613	26200	13804	82703		
Guernsey	894	01308	66020	29615	00900	13803			
Elmdon	534	91704	04476	29115	9////	15201	89///		
Cardington	559	72107	28284	29414	757//	14702	87650		
Wittering	462	22304	03410	28914	25600	13400	82630		
Watnall	354	72205	23101	28816	756//	15102	87639		
Shawbury	414	32205	74111	28615	25601	15801	82645		
Finningley	360	71702	56041	28016	757//	15301	87650		
Kilnsea	396	02508	48020	27815	00900	14102			
Leeming	257	42309	66031	27417	35708	14303	83656		
Tynemouth	262	22308	74030	26216	20940	15203	82358		
Carlisle	222	42203	75011	25815	35641	14501	83640		
Valley	302	71915	66014	27616	753//	14201	82709	87614	
Ringway	334	61706	70031	28316	65600	15202	86635		
Squires Gate	318	52108	70031	27815	35730	14003	83656	83360	
Ronaldsway	204	71912	70014	26515	757//	13202	87656		
Mull of Galloway	131	12025	66282	24414	10940	14103	81360		
Eskdalemuir	162	92010	02475	25614	9////	14502	89/00		
Prestwick	135	31807	80016	23815	15601	14305	81630	83075	
Abbotsinch	140	72011	65026	23316	755//	14105	82628	86650	
Leuchars	171	42406	66011	22316	15531	14303	81620	84075	
Dyce	091	52110	70011	20216	10932	14504	81362	85070	
Lerwick	005	80000	19515	16210	862//	10618	84704	88708	
Wick	075	72113	82026	16215	756//	13607	87639		
Sule Skerry	010	72324	66016	13514	794//	14731	87915		
Cape Wrath	049	92312	02656	13113	9////	13719	89/00		
Stornoway	026	82026	59216	14915	863//	15400	84706	88709	
Benbecula	022	82123	18206	16514	861//	14202	88702		
Tiree	100	82021	66032	19515	854//	14203	86614	88650	
Aldergrove	917	21911	75021	24014	25630	13101	82630		
Malin	980	72122	84022	21116	757//	14501	87650		
Belmullet	976	62016	70506	21016	5643/	15002	81713	84719	
Birr	965	61609	81012	24915	656//	13400	86641		
Dublin	969	71604	80021	25915	756//	13101	87640		
Shannon	962	61612	82022	23916	656//	14704	86640		
Roches Point	952	81714	75032	25715	863//	14706	85707	87628	
Valentia	953	81912	64102	23216	885//	13807	83820	88630	

OBSERVATIONS at 06h. — 1 October 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	40284	29213	753//	12802	86709	87630	
862	90000	01454	29409	9////	09400	89///		
871	00502	01444	29309	00900	09705			
797	12203	05411	30111	15500	11500	81625		
776	60000	03414	29911	66300	11702	82709	86710	
775	80000	56104	29813	862//	12400	88705		
772	82205	16104	29712	860//	12400	88701		
586	20000	00464	29013	25600	13202	82630		
590	42005	14111	29414	45500	13203	84628		
497	32306	26100	28814	30930	14702	83360		
502	21617	48051	26113	26301	12807	82706		
627	82103	48051	28313	863//	13603	88708		
628	82003	28284	29511	861//	11304	88702		
715	71510	58054	28313	763//	12802	82706	87708	
707	71213	50054	27714	763//	13704	87706		
827	71209	05425	28013	760//	13604	87700		
817	31414	48101	27014	36200	14708	83705		
804	01311	66020	25415	00900	14709			
809	41107	28104	26913	462//	13608	81704	83718	
894	01306	61020	28114	00900	13604			
534	82106	56104	28415	863//	14500	82706	88708	
559	92004	01515	29014	9////	14101	89/02		
462	92406	01474	28414	9////	14400	89///		
354	92305	01434	28015	9////	15500	89/00		
414	60000	01464	28010	662//	09502	86703		
360	11605	01461	27512	15701	12301	81650		
396	22006	32100	27314	15570	13601	81625		
257	11806	58041	26415	15401	13703	81616		
262	31914	61020	25413	20941	13604	82359		
222	72309	82021	25215	754//	13605	81713	85630	85640
302	31918	62011	25715	35300	14711	81709	83618	
334	91806	01473	27314	9////	13603	89/11		
318	11305	02461	26909	15600	09704	81645		
204	71808	65031	25715	753//	13505	83708	87630	
131	12023	66020	23913	10940	13500	81360		
162	72117	62054	24313	783//	12706	85708	83822	85630
135	72010	80021	23015	785//	13605	81820	83628	86643
140	72114	62021	22815	763//	13602	82709	87711	
171	72315	66031	21315	15402	13806	81615	87075	
091	72013	75021	19516	15732	13604	81656	83362	86070
005	82326	40205	12413	862//	13507	88705		
075	72216	84031	15916	35532	13503	81620	83645	
010	82324	66606	12313	874//	13702	88710		
049	82321	48026	12713	864//	13303	88710		
026	72224	59506	15015	773//	15304	87709		
022	82123	60205	16514	853//	14204	84706	86711	88618
100	72122	70032	18915	754//	14603	84618	87643	
917	71910	75031	23313	754//	12503	81710	87624	
980	71917	84012	20815	784//	13602	81818	87647	
976	82115	81586	20215	7543/	13705	81712	83719	85636
965	61508	80012	22914	656//	11609	86641		
969	21905	80011	24513	25500	12508	82625		
962	71806	80022	22215	755//	12606	83620	87635	
952	11615	70021	23415	15600	14510	81637		
953	81716	65102	21116	855//	13611	88626		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97111	10	ffFF	ff
862	97090	05	+	FFff
871	00080	04	fFF	FFf
797	97111	07	+	ifffFFff
776	00090	06	ifFf	fifiF-FF
775	00111	06	fF	Ff
772	00120	11	F	F
586	91101	08	if	ifFF
590	00131	12	+	fFFff
497	00140	11	+	+
502	00121	11	+	+
627	00130	10	+	+
628	00111	09	ff	ff
715	00131	10	fFF	+
707	00121	11	ff	+
827	97111	09	FFd_o	FFff
817	97120	10	+	+
804	00140	11	+	+
809	97121	09	if	+
894	00140	09	+	+
534	00141	13	ff	+
559	97120	08	fF	$fFFd_od_o$
462	97131	10	if	$ifFFd_o$
354	00141	09	fF	FF
414	00101	05	+	fFF
360	00110	09	+	fF
396	00130		+	F
257	00140	09	+	+
262	00131	10	+	+
222	00141	10	+	+
302	00151	13	+	+
334	00130	13	+	fFf
318	00091	06	+	fF
204	00141	12	f	+
131	00131			
162	97131	11	d_offFF	+
135	00140	12	+	+
140	00141	12	+	+
171	00141	12	+	+
091	00141	11	+	+
005	11091	09	$id_offd_oro_oFF$	$d_od_oddd_oro$
075	00121	12	+	+
010	03102	10		
049	15122	10	RR	RRiro
026	07152	14	ird_oro	$rrid_oiro$
022	92141	13	$d_od_oid_o$	id_o
100	00141	14	+	+
917	00131	10	+	+
980	00151	13		
976	91141	13		
965	97141	12		
969	97131	09		
962	00151	14		
952	00151	13		
953	00151	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_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														
C	99528	70355	01003	81218	97808	10408	884//	00700	83817	85622	0//06	11100	30504	/////
D														
E	99333	70472	01003	10909	98020	22622	11400	32804	81815	/////	0//15	12484	30301	03603
I	99591	70187	01004	72416	98032	11511	1142/	00305	81818	87465	0//06	11160	30303	24907
J	99525	70200	01004	81927	97516	08015	873//	00613	85706	88708	0//15	11447	30705	99/09
K	99451	70158	01004	21713	98016	18618	25640	00604	82633	/////	0//15	11755	30000	16503
M	99654	10020	01004	72225	97212	08808	6957/	00709	86920	/////	05206	10997	30407	/////

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														
C	99528	70356	01063	71219	98022	06809	60876	00717	86358	/////	0//07	11089	30504	99/05
D														
E	99333	70471	01063	32010	98020	18722	21530	71825	83820	/////	0//15	12464	30501	03603
I	99591	70185	01064	82515	98216	11610	4562/	00304	84635	88460	0//06	11176	30403	28907
J	99523	70200	01064	82114	94626	08615	872//	00500	88704	/////	0//15	11442	30603	99/08
K	99452	70158	01064	71812	97251	16917	724//	00303	84818	87630	0//16	11743	30503	/////
M	99655	10023	01064	62524	97158	08508	59570	00302	85920	/////	05305	11004	30407	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40126

Date of Issue Saturday 2 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 1 October 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	21908	58051	28619	22400	14807	82814		
Hurn	862	31805	60014	29019	31400	14707	83818		
Thorney Island	871	11508	59054	29419	11400	14804	81818		
Manston	797	21910	50054	30019	21400	13805	82816		
Gatwick	776	11705	58014	29620	11400	14804	81818		
Kew	775	12103	64021	29319	11500	13808	81826		
Heathrow	772	12008	63021	29220	11500	13807	81822		
Honington	586	12107	50014	29417	16300	14801	81708		
Wattisham	590	22308	56024	29618	21400	13802	82812		
Gorleston	497	31515	26050	29016	32500	15805	83820		
Aberporth	502	11720	56050	26018	11400	14801	81818		
Ross-on-Wye	627	51904	57012	28018	51500	13706	85820		
Filton	628	22306	62011	28619	21500	13707	82820		
Rhoose	715	31110	58051	28218	36300	14000	83707		
Chivenor	707	11411	66021	27221	11500	15805	81822		
Mount Batten	827	11510	64014	27720	11600	14803	81830		
St. Mawgan	817	01618	59050	26319	00900	12703			
Scilly	804	01411	56050	25817	00900	15011			
Culdrose	809	01512	62050	26619	00900	13101			
Guernsey	894	01411	58050	28217	00900	13809			
Elmdon	534	82208	57052	28815	863//	13001	88708		
Cardington	559	72106	56055	29615	784//	13803	82710	83712	85815
Wittering	462	82009	17515	29014	861//	13602	88702		
Watnall	354	52207	61022	28019	51400	15704	85815		
Shawbury	414	32004	61044	27618	35400	13803	83615		
Finningley	360	52210	58041	27720	52501	15803	85828		
Kilnsea	396	52312	61014	27818	22571	16001	82825	83360	
Leeming	257	32311	69011	26718	31500	12602	83822		
Tynemouth	262	12315	74024	25219	11500	14502	81825		
Carlisle	222	42315	82021	25217	38601	10706	83830		
Valley	302	11717	61011	25918	15400	15803	81612		
Ringway	334	11708	60014	27418	11400	13805	81815		
Squires Gate	318	12007	70014	26819	11500	14804	81824		
Ronaldsway	204	21913	62011	25716	28400	13603	81712		
Mull of Galloway	131	01825	63021	23915	00900	14602			
Eskdalemuir	162	72116	69032	24515	784//	11604	82714	86827	
Prestwick	135	72112	80021	23318	785//	12804	81821	86650	
Abbotsinch	140	62019	75011	22617	684//	11801	82818	86645	
Leuchars	171	72317	78031	21818	785/2	12803	83824	85645	
Dyce	091	62217	82022	20019	24542	13000	81825	85070	
Lerwick	005	82331	32586	13113	871//	13204	88702		
Wick	075	62312	85031	17317	38542	13305	81825	83637	85072
Sule Skerry	010	82330	66026	14514	864//	13211	88710		
Cape Wrath	049	72330	66026	14314	6837/	12208	83809	86612	87360
Stornoway	026	72219	75016	16615	754//	14209	85719	87628	
Benbecula	022	72220	74015	17914	784//	13208	81816	87650	
Tiree	100	82014	66605	20215	7541/	14206	82710	87622	88458
Aldergrove	917	72012	75032	23017	785//	12802	84822	84630	
Malin	980	71920	84022	20717	785//	12803	81820	87645	
Belmullet	976	71915	78605	19817	784//	13701	85714	87636	
Birr	965	71712	80011	22619	685/2	12805	85822	83072	
Dublin	969	21106	80030	23819	21500	12706	82825		
Shannon	962	71714	65022	21718	754//	14705	82618	87625	
Roches Point	952	71613	50102	23517	784//	16400	81817	87634	
Valentia	953	51711	64105	20719	58500	15603	83821	83630	

OBSERVATIONS at 18h. 1 October 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	74746	12006	61030	26716	00901	13604	81075		
Hurn	86862	11303	35050	26716	15600	14610	81630		
Thorney Island	87871	11103	40050	27116	10940	14609	81365		
Manston	77797	11504	48050	27815	00901	13609	81078		
Gatwick	77776	12102	45050	27316	00901	12609	81075		
Kew	77775	01902	32050	27216	00900	13503			
Heathrow	77772	11906	50020	27019	00901	12606	81078		
Honington	55866	21705	44050	26817	00901	14609	82078		
Wattisham	55890	11706	56050	27316	00901	13607	81075		
Gorleston	44897	01710	40050	27216	00900	15706			
Aberporth	55802	11715	62050	24316	00902	13709	81070		
Ross-on-Wye	66827	11402	57050	25917	15640	15603	81630		
Filton	66828	12103	59050	26318	00901	12706	81075		
Rhoose	77715	11707	62020	25917	00901	12606	81080		
Chivenor	77707	11007	62030	25319	00901	15606	81081		
Mount Batten	88827	11005	61020	25617	00901	13711	81075		
St. Mawgan	88817	11609	57050	25016	00901	12608	81075		
Scilly	88804	11307	56020	24115	00902	14710	81075		
Culdrose	88809	31209	50050	25115	20981	14508	82360		
Guernsey	88894	10706	50050	25516	00902	14711	81075		
Elmdon	53534	11802	61051	26316	10940	14607	81363		
Cardington	55559	11705	58051	26717	15600	15606	81635		
Wittering	46246 2	12002	37115	26516	00901	14508	81075		
Watnall	35435 4	12102	58041	26414	00902	13504	81075		
Shawbury	41441 4	21905	58040	25617	00902	13607	82078		
Finningley	360 360	12110	48041	25517	00901	13703	81080		
Kilnsea	39639 6	32117	32051	26015	30970	14504	83360		
Leeming	25257	12208	56040	24618	15601	13705	81640		
Tynemouth	26226 2	22308	58020	24018	20940	13602	82358		
Carlisle	22222	32506	62021	23916	25401	13607	81716		
Valley	302 302	11815	61030	23817	00902	14610	81075		
Ringway	334 334	11606	50040	25216	00901	12506	81075		
Squires Gate	318 318	11904	65030	24816	15601	13706	81630		
Ronaldsway	204 204	21605	62031	23615	16401	13608	81712		
Mull of Galloway	131 131	61916	60031	22215	56301	14812	85707		
Eskdalemuir	162 162	82109	56052	23514	854//	12705	86710	88628	
Prestwick	135 135	41808	59051	22114	45630	12707	81630	83650	
Abbotsinch	140140	32003	57041	21915	15541	12501	81620		
Leuchars	17171	52508	66011	21516	35632	12301	83640		
Dyce	09091	72208	82022	20415	45632	12302	84634	86075	
Lerwick	00905	82810	23535	15111	870//	11315	86701	88704	
Wick	07975	71803	89022	18115	25672	11207	81630	83359	87070
Sule Skerry	01010	82324	57536	15613	874//	13400	88710		
Cape Wrath	04949	72318	81032	16613	2257/	12214	82820	87360	
Stornoway	02626	71814	75032	17714	784//	13304	84712	83818	87628
Benbecula	02022	72212	65032	18214	753//	13501	81709	87619	
Tiree	10000	82007	58216	19314	854//	14807	85618	88650	
Aldergrove	91917	71407	57042	21316	655/2	14709	86627	83070	
Malin	98980	61816	80012	19917	556/1	12706	85645		
Belmullet	97976	71913	72028	19017	764//	13602	85717	86635	
Birr	96965	51805	62031	21117	38502	13504	81822	83640	
Dublin	96969	31201	70010	21817	00902	13609	83070		
Shannon	96962	51712	62101	20318	45502	14502	84625		
Roches Point	95952	81608	50102	22116	864//	15606	88711		
Valentia	95953	81810	66052	19917	825//	15500	88820		

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00221	080	jf	+
Hurn	862	00200	084	ff	+
Thorney Island	871	00200	097	+	+
Manston	797	00200		ff	+
Gatwick	776	00210	082	+	iff
Kew	775	00210	087	+	fFF
Heathrow	772	00220	084	+	+
Honington	586	00210		FFff	+
Wattisham	590	00200	063	ff	+
Gorleston	497	00210	085	+	+
Aberporth	502	00191	100	+	+
Ross-on-Wye	627	00210	054	+	+
Filton	628	00210	071	+	+
Rhoose	715	00201	082	+	+
Chivenor	707	00231	101	+	+
Mount Batten	827	00210	092	+	+
St. Mawgan	817	00200	102	+	+
Scilly	804	00190	103	+	+
Culdrose	809	00200	107	+	+
Guernsey	894	00210	102	+	+
Elmdon	534	00190	044	+	iff
Cardington	559	97220	048	d_od_o	+
Wittering	462	97181	024	d_od_o	if
Watnall	354	00211	064	+	+
Shawbury	414	00190	084	+	+
Finningley	360	00210	092	+	+
Kilnsea	396	00190	057	F	+
Leeming	257	00200	074	+	+
Tynemouth	262	00201	098	+	+
Carlisle	222	00181	072	+	+
Valley	302	00190	090	+	+
Ringway	334	00200	069	+	+
Squires Gate	318	00210	087	+	+
Ronaldsway	204	00171	057	+	+
Mull of Galloway	131	00151			
Eskdalemuir	162	00161	026	+	+
Prestwick	135	00190	040	+	+
Abbotsinch	140	00171	042	+	+
Leuchars	171	00191	059	+	+
Dyce	091	00201	037	+	+
Lerwick	005	96131	000	$d_or_od_rd_rd_od_o$	id_oddr_o
Wick	075	00190	036	+	+
Sule Skerry	010	02142			
Cape Wrath	049	92141	004	ir_o	+
Stornoway	026	92171	015	ir_o	id_o
Benbecula	022	92151	008	+	ir_o
Tiree	100	95151	000	$d_or_oir_o$	d_or_o
Aldergrove	917	00190	020	+	+
Malin	980	0018	023		
Belmullet	976	9217	001		
Birr	965	0020	078		
Dublin	969	9721	104		
Shannon	962	0020	025		
Roches Point	952	0017	010		
Valentia	953	9720	028		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

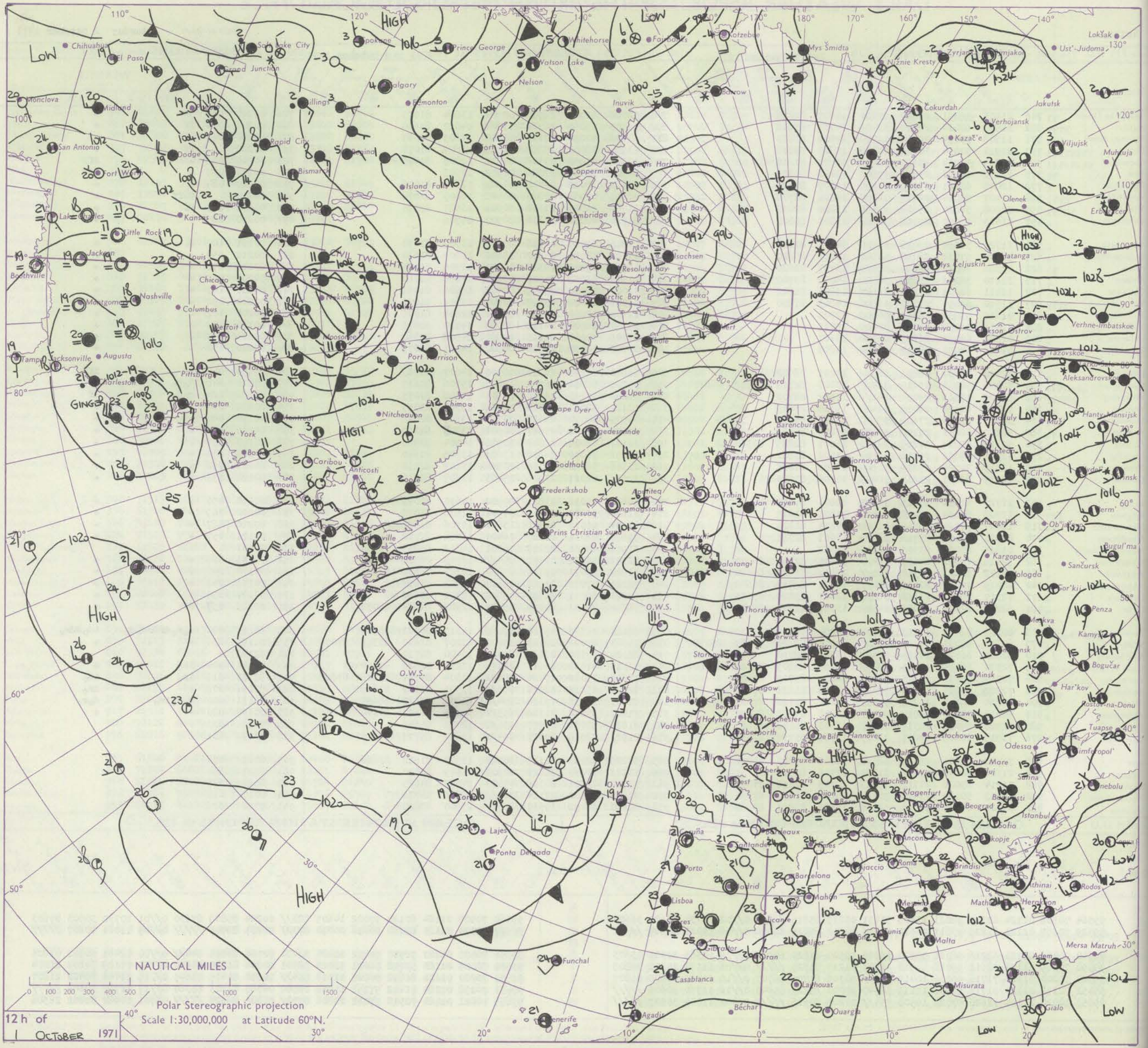
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70508	01124	60325	98021	13605	51431	00219	85815	/////	0//02	10734	30604	604 36603
C	99529	70357	01123	81229	97611	04610	2742/	00812	82816	88558	0//08	11061	30504	504 /////
D														
E	99340	70476	01123	62216	98021	17123	38506	72504	81820	840//	0//19	12386	30301	301 03603
I	99590	70189	01124	22611	99018	14910	12501	61217	81825	/////	0//06	11177	30302	302 28805
J	99523	70200	01124	71716	95106	10415	752//	00108	81705	86707	0//15	11465	30603	503 21807
K	99452	70158	01124	61714	98038	17119	58540	00000	81823	85640	0//16	11750	30606	606 /////
M	99655	10020	01124	72620	97022	10508	754//	00205	87618	/////	05402	11000	30503	507 /////

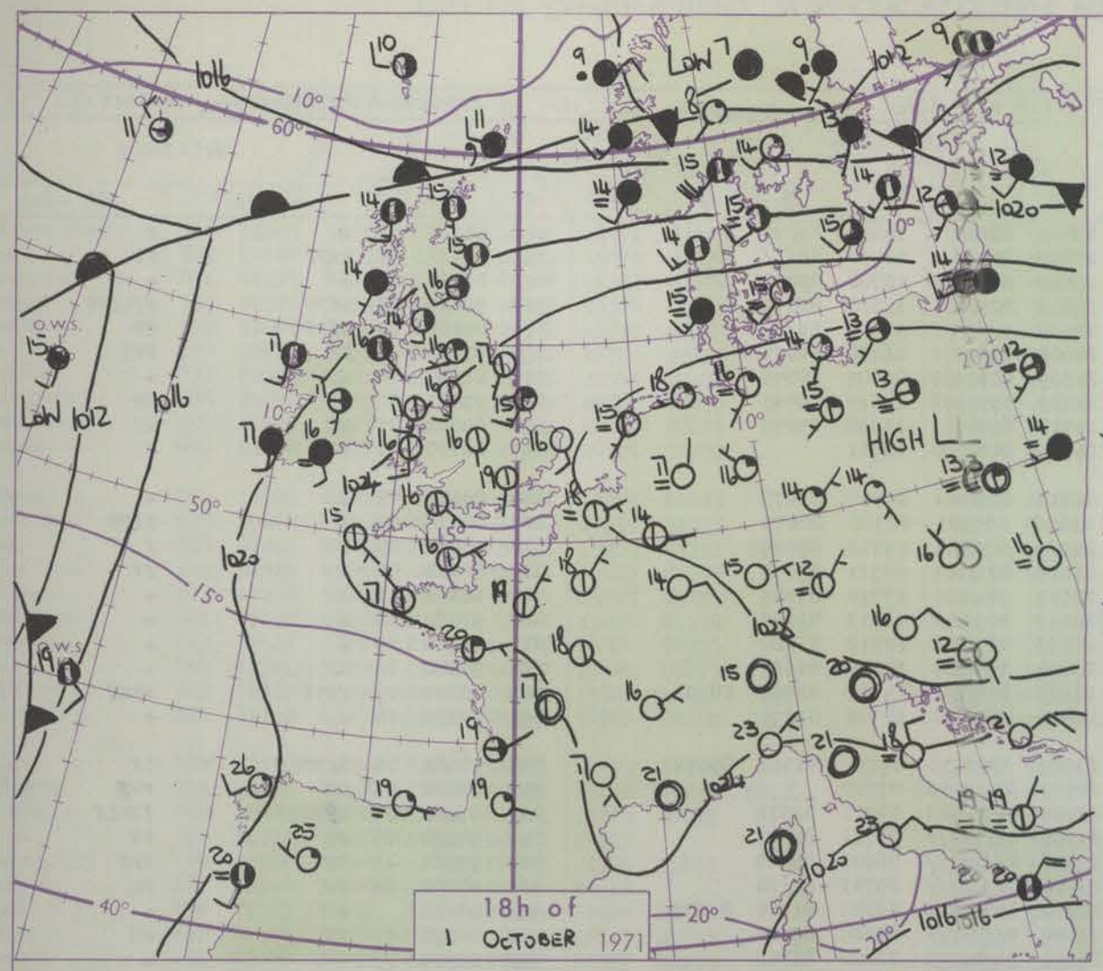
OCEAN WEATHER STATION REPORTS at 18h.

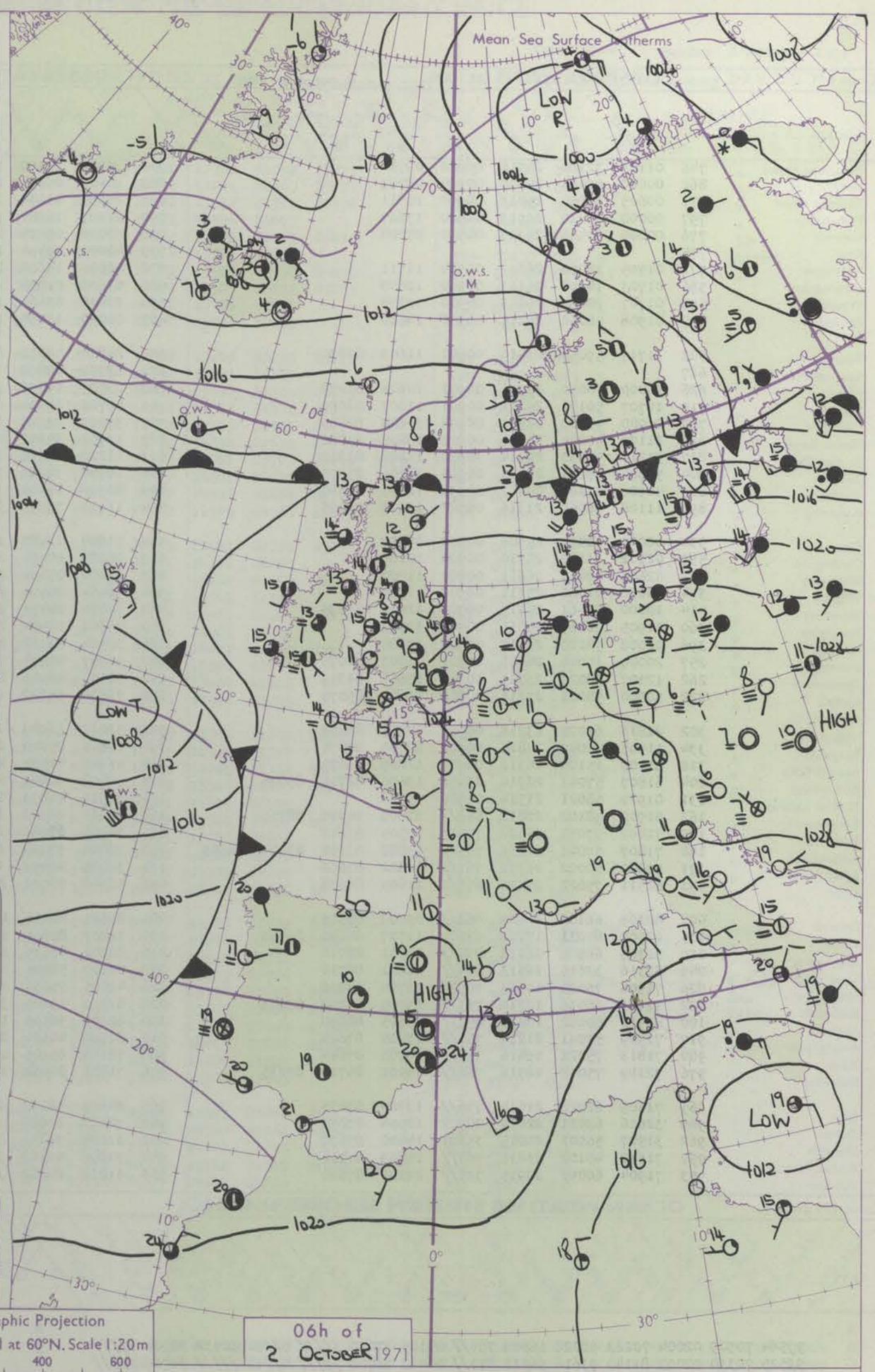
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99564	70508	01184	80120	97022	14605	883//	00204	85808	87630	0//01	10730	30503	07603
C	99527	70354	01183	81034	96616	00010	873//	00735	88709	/////	0//09	11061	30607	/////
D														
E	99346	70475	01183	72517	98022	11424	32404	72730	83815	840//	0//20	12461	30302	03603
I	99590	70188	01184	53008	98011	16410	38501	00206	81820	83640	0//05	11189	30202	28004
J	99523	70200	01184	81812	96025	11015	854//	00310	81615	83645	0//15	11443	30402	21807
K	99453	70158	01184	71412	97258	15418	12582	00703	81823	85360	0//17	11767	30605	/////
M	99655	10021	01184	72913	97022	11806	6553/	00305	86625	/////	05701	10982	30202	28506

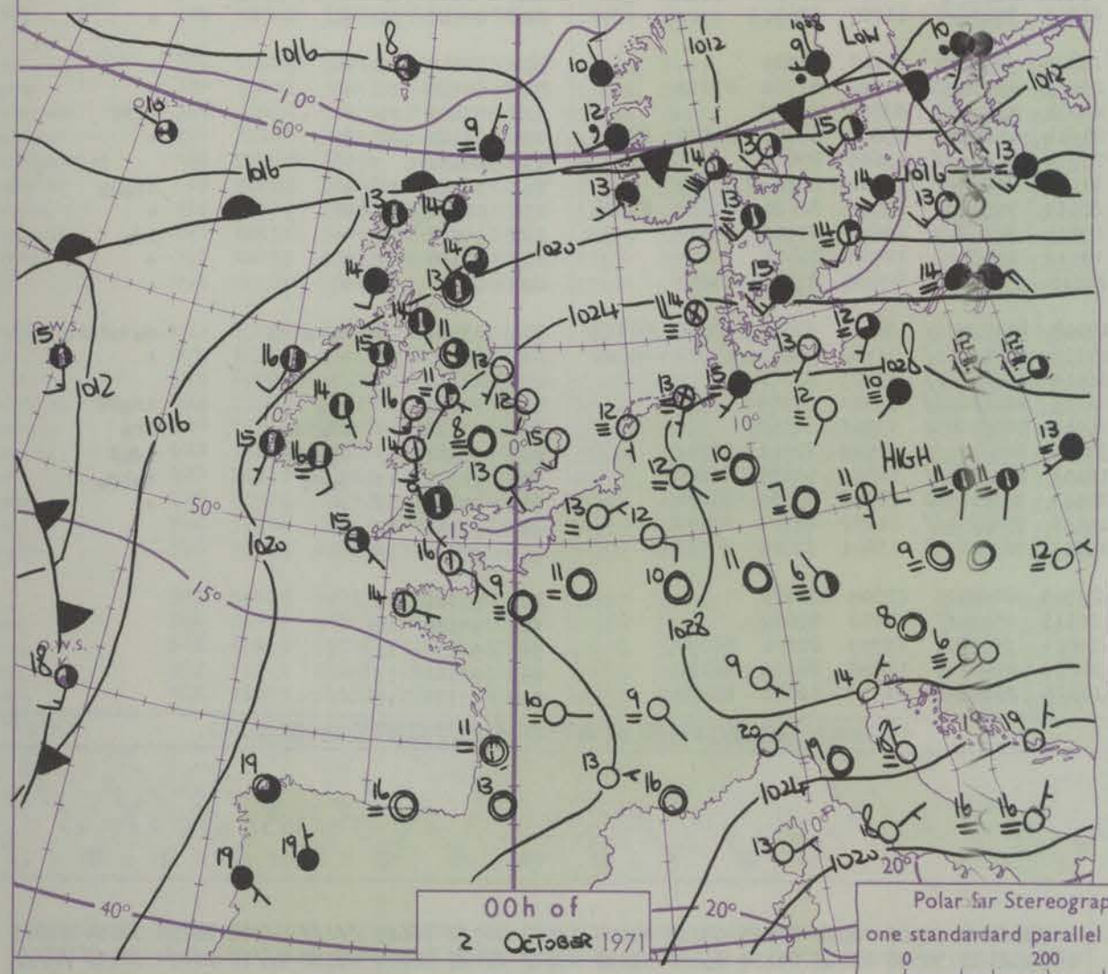
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 2** October 1971

The anticyclone over Germany has continued to move slowly *southeast, main*maintaining a ridge of high pressure over most of the British Isles. Over the extreme nne north of Scotland, however, a frontal zone, orientated eastwest, is now stationarynary just south of the Shetland Isles. During the next 24 hours the European high *ish is* expected to continue moving slowly east allowing a weak Atlantic trough to advance towards Ireland. Meanwhile little change is expected in the position of the frontal zone over north Scotland.

Code FM 11.D

OBSERVATIONS at 00h. — 2 October 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	01106	32100	25710	00900	09710			
Hurn	862	00000	02444	25408	00900	08709			
Thorney Island	871	00605	39050	25811	00900	10711			
Manston	797	00000	08410	26913	00900	13607			
Gatwick	776	00000	00444	26707	00900	07808			
Kew	775								
Heathrow	772	01505	28050	26013	00900	11711			
Honington	586	01703	14100	26113	00900	12608			
Wattisham	590	01707	20050	26613	00900	11708			
Gorleston	497	01908	48050	26215	00900	14810			
Aberporth	502	11717	59050	23414	00901	11603	81070		
Ross-on-Wye	627								
Filton	628	10000	40050	25711	00901	10606	81075		
Rhoose	715	10707	50100	25211	00901	11607	81080		
Chivenor	707	21008	40100	24713	00904	11604	82080		
Mount Batten	827	11109	40050	24514	00901	13605	81080		
St. Mawgan	817	31214	50050	24014	30930	12802	83362		
Scilly	804	51304	48021	23215	00904	15706	85075		
Culdrose	809	40908	07464	24412	20931	12605	82360		
Guernsey	894	11108	56050	23916	00902	13613	81075		
Elmdon	534	00000	01464	25608	00900	08607			
Cardington	559	02102	11110	25910	00900	10609			
Wittering	462	02604	09414	25611	00900	11707			
Watnall	354	00000	01460	25311	00900	11709			
Shawbury	414	10000	04461	24713	00901	12610	81075		
Finningley	360	01905	06464	25011	00900	11708			
Kilnsea	396	02008	58020	25112	00900	12704			
Leeming	257	20000	14040	24412	00901	11707	82075		
Tynemouth	262	12007	58020	23713	10940	13806	81359		
Carlisle	222	50000	58021	23211	00902	11805	85075		
Valley	302	21816	61020	23216	00902	14705	82075		
Ringway	334	11705	40040	24814	00901	12605	81075		
Squires Gate	318	31107	15100	24311	00901	11805	83075		
Ronaldsway	204	61807	57041	22914	26402	13606	82710	85075	
Mull of Galloway	131	01920	58021	21514	00900	13706			
Eskdalemuir	162	81902	48102	22813	862//	13809	85705	88715	
Prestwick	135	71402	57041	21514	7561/	13505	87642		
Abbotsinch	140	71807	57041	21215	753//	13808	83708	83614	86645
Leuchars	171	70000	60022	21313	757//	12802	87656		
Dyce	091	62311	75022	20014	656/1	11805	86638		
Lerwick	005	80105	66106	16909	862//	09002	88705		
Wick	075	62002	84021	17714	65600	11707	84640	83650	
Sule Skerry	010	82305	66506	16413	874//	13201	88710		
Cape Wrath	049	82316	32616	16513	864//	12801	88710		
Stornoway	026	71908	75025	17413	7093/	13704	87358		
Benbecula	022	72111	66036	17714	753//	13704	84708	87643	
Tiree	100	81912	60052	18614	857//	13705	88650		
Aldergrove	917	71909	57041	21215	755//	13400	87620		
Malin	980	71813	75021	19416	756//	14706	87644		
Belmullet	976	72109	75018	18916	764//	14501	84714	87635	
Birr	965	71605	62022	21514	756//	13703	87635		
Dublin	969	32606	62021	22014	00902	12504	83070		
Shannon	962	31507	56101	21015	35601	14400	83630		
Roches Point	952	71612	40102	21816	764//	15803	87716		
Valentia	953	71904	60052	20915	725//	14202	87820		

OBSERVATIONS at 06h. — 2 October 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
746	30000	23100	23810	00901	10609	83075		
862	90000	00454	23608	9////	08711	89///		
871	20606	11100	23810	00901	10708	82070		
797	21303	16284	24612	00901	12607	82075		
776	90000	00474	24507	9////	07609	89///		
775	40000	00444	24406	00902	06608	84075		
772	40000	13100	24509	00901	09707	84075		
586	61602	01424	24709	00902	09610	86075		
590	32402	02464	24711	00901	11508	83078		
497	00000	12050	24214	00900	13711			
502	21810	58050	22211	00901	09707	82070		
627	22702	00464	23608	00901	08710	82075		
628	23505	10100	23909	00901	09710	82075		
715	50706	10404	23010	00901	09711	85075		
707	31007	23101	22513	36201	13710	83705		
827	11008	24101	22113	00902	12713	81075		
817	11210	23100	21813	00901	12710	81080		
804	10903	32101	20814	15500	14714	81625		
809	80908	08444	21814	860//	14612	82700	88703	
894	11410	58050	22415	00902	12706	81075		
534	51804	12284	23709	10931	09711	81362	85072	
559	00000	00464	24607	00900	07707			
462	22404	03464	23709	00902	09712	82072		
354	92404	00474	23509	9////	09711	89/01		
414	90000	00474	23306	9////	06607	89/00		
360	91802	00454	23209	9////	09711	89/00		
396	32408	32030	22714	10972	13707	81360	83075	
257	91909	00474	23009	9////	09604	89/00		
262	52107	48101	22112	50970	11602	85358		
222	71806	58022	21714	756//	11707	87631		
302	52012	56041	22315	56300	13702	85709		
334	31606	25040	23113	10932	11605	81360	83075	
318	91206	01474	22908	9////	08804	89///		
204	52108	30041	21614	45201	13608	82703	83625	85075
131	71919	58031	20314	756//	13605	87640		
162	82011	28102	21013	862//	13810	85703	88709	
135	71905	57041	20114	755//	13506	82620	83632	87645
140	72004	57042	19815	753//	13607	83709	87614	
171	32706	48101	19612	15430	12508	81615		
091	50502	70031	18510	55601	09809	81640	84656	
005	83605	80216	17108	4537/	08302	81707	83635	88458
075	72207	80031	17213	6563/	11500	83635	84650	85362
010	82702	48535	16513	874//	13703	88710		
049	82307	58036	16213	863//	13302	88709		
026	42005	75036	16913	40930	13501	84360		
022	82310	13105	17214	860//	14502	82701	88702	
100	62309	56106	18114	655//	14301	81625	86650	
917	61910	40101	20613	36302	12102	83709	85070	
980	72108	65106	19115	754//	14202	81717	87640	
976	71908	80032	19015	7633/	13601	82706	84713	
965	61601	58101	20913	00902	12805	86073		
969	72003	61022	21315	755//	13702	87627		
962	61005	35101	19814	35702	13709	83650	86070	
952	71206	40102	20615	46402	14708	84715	86070	
953	61012	60102	18115	25602	12717	82636	85070	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00091	04	+	f
862	97071	05	ffFF	FF
871	00090	05	+	+
797	91091	07	1fFF	ff1fFF
776	00060	05	FfFF	FF
775	97050	03	FF	FFf
772	00090	04	+	+
586	97081	06	f	FF
590	00101	05	ff	ff
497	00120	07	+	+
502	00111	07	+	+
627	00070	04	+	ffFF
628	97090	04	+	f
715	00100	08	+	ff
707	00131	11	+	+
827	97120	10	+	+
817	00120	09	+	+
804	00140	10	+	+
809	00121	09	ff1f	FFff
894	00150	10	+	+
534	97081	05	ffFF1f	1f
559	00060	04	Ff	FFf
462	97081	04	1fFFff	ffF1f
354	97091	05	FF	FF
414	97060	03	fFF	FFf
360	00091	08	FF	FF
396	00110		+	+
257	00090	07	fF	FF
262	00111	06	+	+
222	00101	05	+	+
302	00140	13	+	+
334	00120	10	+	+
318	00080	05	+	ffFF
204	91121	08	+	+
131	00131			
162	97131	10	+	$1r_or_o$
135	00121	09	+	+
140	97121	09	+	$1d_o$
171	00121	07	+	+
091	00091	05	+	+
005	03081	08	$r_or_o1d_o$	$d_od_or_or_o$
075	00120	09	+	+
010	05112	11		
049	97121	12	$1r_o$	$1r_oFF$
026	93122	13	$1d_o1r_o$	$1r_o$
022	97131	13	$1r_o1d_o$	$1d_of$
100	91141	13	d_or_o	d_o1d_o
917	00121	09	+	+
980	97141	12		
976	97141	13		
965	97120	08		
969	97130	10		
962	97131	12		
952	97141	13		
953	97121	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_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														
B	99564	70509	02004	70222	98028	16305	755//	00105	87620	/////	0//00	10732	30504	/////
C	99525	70350	02003	81140	93616	96211	873//	00783	88708	/////	0//11	/////	30709	/////
D														
E	99347	70478	02003	83024	97028	10324	22437	71004	82815	882//	0//17	12390	30404	03702
I	99590	70187	02004	52802	98021	17710	35501	00204	91626	83635	0//05	11162	30201	28003
J	99524	70199	02004	71513	98032	11615	4823/	00703	82703	84656	0//15	11443	30402	99/07
K	99452	70159	02004	41817	98038	14518	30931	00810	83360	/////	0//16	11770	30607	/////
M	99655	10023	02004	72806	97022	13105	755//	00103	87630	/////	05801	10958	30202	99506

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														
B	99564	70508	02064	60222	98012	14804	66500	00712	86615	/////	0//02	10723	30604	16805
C	99523	70346	02063	81237	95616	91611	6732/	00627	86708	88530	0//11	11004	30710	/////
D														
E	99349	70479	02063	73027	97022	09221	42408	81804	84815	862//	0//16	12454	30605	/////
I	99591	70186	02064	70605	98011	16909	755//	00704	87625	/////	0//05	11149	30101	28603
J	99526	70196	02064	51515	97015	11215	56300	21305	85707	/////	0//15	11455	30503	99/07
K	99453	70157	02064	72130	98252	13518	785//	00605	83820	86626	0//15	11739	30608	/////
M														

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40127

Date of Issue Sunday 3 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 2 October 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	31205	56054	22820	00902	12707	83075		
Hurn	862	21104	25054	23117	00901	15808	82070		
Thorney Island	871	41205	40051	23520	00908	14803	82070	83275	
Manston	797	60805	32054	24020	00902	14504	86075		
Gatwick	776	71006	45054	23721	00908	13805	87280		
Kew	775	70000	48054	23620	00902	13705	87076		
Heathrow	772	72302	42051	23921	00906	13503	87278		
Honington	586	70802	50054	23721	00902	14804	87075		
Wattisham	590	60000	57054	23921	00902	12706	86075		
Gorleston	497	61504	12051	23916	00908	16104	86270		
Aberporth	502	10000	61051	21719	00901	13504	81075		
Ross-on-Wye	627	10402	48054	22419	00901	15715	81075		
Filton	628	31205	48054	23019	10934	15709	81363	83075	
Rhoose	715	50910	45054	22618	00901	13505	85075		
Chivenor	707	51008	57051	21820	00904	15708	85075		
Mount Batten	827	61108	58051	21820	15602	15606	81640	86075	
St. Mawgan	817	61414	48051	21218	00902	14604	86075		
Scilly	804	41508	32050	20819	00902	15400	84075		
Culdrose	809	61310	58054	21418	12506	14301	81820	85275	
Guernsey	894	51408	57051	22218	20932	14803	82358	84075	
Elmdon	534	12103	59051	23021	00901	12807	81080		
Cardington	559	40000	40054	23621	00902	13806	81275	84080	
Wittering	462	32402	50044	23222	00901	13605	83075		
Watnall	354	02105	19044	23320	00900	14803			
Shawbury	414	11702	57044	23219	00902	13805	81075		
Finningley	360	00902	32044	23218	00900	14803			
Kilnsea	396	22705	48011	23418	20970	15000	82360		
Leeming	257	31707	28284	22815	36200	13805	83703		
Tynemouth	262	22508	58052	22219	20940	12605	82358		
Carlisle	222	52506	58012	22217	58400	14601	82818	85635	
Valley	302	12007	58041	22418	00902	13605	81075		
Ringway	334	10000	56041	22919	00901	12804	81075		
Squires Gate	318	13003	56054	23018	00901	14705	81075		
Ronaldsway	204	32104	30041	22716	36200	15000	83704		
Mull of Galloway	131	82008	48031	22017	862//	14103	88703		
Eskdalemuir	162	72208	32058	21916	724//	13301	83714	86820	
Prestwick	135	42407	57051	21817	38441	13005	82818		
Abbotsinch	140	62010	50045	21417	28431	14106	81818	85365	
Leuchars	171	42415	58051	20218	28402	13304	82818		
Dyce	091	62506	75012	19118	68600	13400	81835	86650	
Lerwick	005	70802	89025	18511	1137/	07204	81706	87360	
Wick	075	62304	82012	18017	5854/	13002	82825	85645	
Sule Skerry	010	80000	48506	17613	874//	13203	88710		
Cape Wrath	049	71808	59016	17213	7547/	12400	85710	87620	
Stornoway	026	71912	80022	18415	6843/	13208	82818	86630	85359
Benbecula	022	72211	37285	19214	761//	14108	85702	86703	87707
Tiree	100	72313	28285	20015	751//	14109	82702	86709	87630
Aldergrove	917	61905	60042	21817	663//	13203	81709	86712	
Malin	980	32708	80011	20817	28502	14205	81822		
Belmullet	976	30909	81011	19519	18532	14806	81823		
Birr	965	51306	66012	20420	00902	13707	85072		
Dublin	969	31307	56051	21318	10931	13804	81360	83070	
Shannon	962	41209	59101	19119	12643	15709	81835		
Roches Point	952	71114	25102	20117	18331	15803	81706	83359	85070
Valentia	953	51009	81032	17121	45602	10808	84645		

OBSERVATIONS at 18h. 2 October 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
74746	71806	48051	21816	10932	13702	81362	87075	
86362	71602	45051	21916	20932	13601	82365	85075	
87371	61403	44051	22117	20932	13802	82365	86072	
7797	50807	16051	22716	00901	14504	85075		
7776	62402	45051	22417	10932	14502	81365	86075	
77775	70000	50051	22015	00906	13601	87072		
7772	71405	45051	22120	10932	13503	81366	85075	
5886	71606	44051	22518	00902	13503	83072	87075	
5990	21607	28051	22816	00902	13503	82075		
4997	61707	14052	22617	00908	15705	86270		
50302	61608	56051	20217	30932	13603	83365	85075	
627627	60000	24051	20817	6095/	15603	86360		
628628	71902	32051	21619	30932	13502	83365	86075	
715715	71106	40051	21417	40931	14503	84368	85072	
707707	71010	58052	20518	10932	12503	81363	87075	
827827	71209	56052	21017	2567/	14502	82630	86359	87462
817817	71614	40052	20516	36378	14501	83707	85460	87270
804804	81705	28022	19717	855//	16601	88625		
809809	61202	26052	20415	35631	14703	83630	84362	
894894	71107	57052	21217	40932	11705	84366	86075	
534534	61602	50041	21517	20931	13501	82365	85075	
559559	81704	59051	22218	00907	14301	88270		
462462	51902	32041	21818	25701	15602	82656	84075	
354354	22002	40040	21617	10941	13502	81364		
414414	61702	56041	21119	30934	15501	83365	84070	
360360	10000	32040	21517	00901	14502	81080		
396396	30000	32020	21615	20971	14602	82360	83675	
25757	10702	37040	21717	00901	15500	81075		
26262	42809	48050	21617	10941	13400	81358		
22222	70000	40041	21315	00906	14604	87275		
30302	60708	35041	20516	10932	13705	81365	86075	
33434	20000	62030	21219	10931	12502	81360		
31818	40406	25040	21215	10982	14705	81362	83075	
20404	61402	22041	21014	16282	13506	81703	86075	
13131	60000	48022	20715	00901	14607	86075		
16262	72302	30051	21115	762/1	13501	83703	85709	
13535	30000	60050	20615	15731	13606	81656		
14040	22004	61041	20515	00902	12503	82072		
17171	12506	70021	19816	15701	12500	81650		
09191	60000	70031	19314	28631	12302	81830	86070	
00505	80000	58516	17910	871//	09400	86702	88706	
07575	62502	89022	18316	656//	11208	81630	86645	
01010	83505	58025	17712	864//	12207	88710		
04949	82308	59032	18113	863//	13209	88706		
02626	72005	65022	19015	755//	13304	83620	87640	
02222	72510	70035	19613	753//	13302	83707	85710	86616
10000	72104	75012	19914	755//	12602	83624	87643	
91717	31206	58040	19816	11631	13605	81830	83365	
98080	31016	65100	19315	28501	13610	81824		
976976	41002	72031	17217	35632	14506	83645		
965965	41305	66011	18917	35602	12502	83642	83072	
969969	61406	30051	19415	10932	14510	81362	86068	
962962	71212	60031	17617	1577/	14602	81656	87459	
952952	71113	16102	17616	46331	15712	83706	84650	87359
953953	81312	66052	15318	856//	14610	88636		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00231	073	+	+
862	00220	034	FFf	+
871	00220	066	+	+
797	00220		+	+
776	00240	064	Ff	1f
775	00230	080	+	1ffF
772	00240	076	+	+
586	00230		+	+
590	00221	087	+	+
497	00190	093	+	+
502	00211	088	+	+
627	00220	065	F	+
628	00220	071	+	+
715	00200	074	+	+
707	00221	048	+	+
827	00220	085	+	+
817	00190	052	+	+
804	00190	058	+	+
809	00190	023	1f	+
894	00200	081	+	+
534	00231	092	+	+
559	00230	067	+	+
462	00220	088	+	+
354	00231	068	F	+
414	00220	085	+	+
360	00220	066	Ff	+
396	00190	082	+	+
257	00200	049	FFff	ff
262	00200	073	+	+
222	00181	037	+	+
302	00210	077	+	+
334	00220	089	+	+
318	00190	068	Ff	+
204	00171	059	+	ff
131	00171			
162	97181	034	r_0pr_0	+
135	00180	068	+	+
140	00191	044	+	+
171	00201	056	+	+
091	00211	026	+	+
005	01111	001	$1d_0$	$1r_0d_0d_0$
075	00200	033	+	+
010	02141			
049	03132	000	$1r_0$	r_0r_0FF
026	92171	013	+	$1r_0$
022	97161	003	$1d_0ff$	$ffid_0$
100	00151	000	ff	+
917	00201	043	+	+
980	0018	083		
976	9721	078		
965	9721	077		
969	0019	087		
962	9721	061		
952	9718	045		
953	9723	050		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

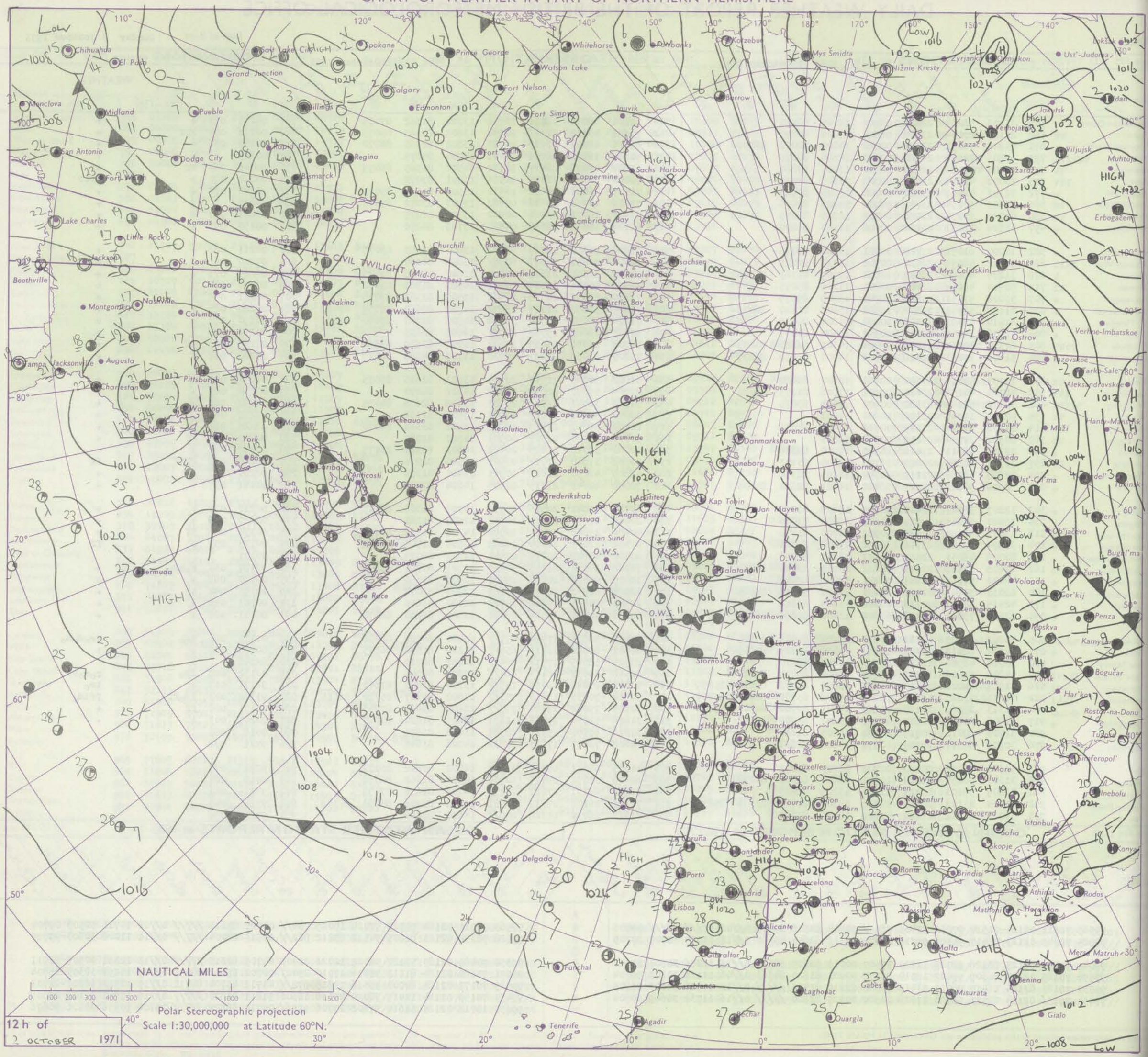
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70511	02124	71514	97252	13405	783//	00504	84808	87625	0//02	1////	3//////	09805
C	99524	70345	02123	71417	96106	90712	25672	71312	82640	85360	0//11	11077	3070707	20709
D														
E	99349	70479	02123	83126	98028	11820	38407	00015	82815	882//	0//13	12356	3050606	33911
I	99590	70185	02124	81309	99022	18010	28577	00201	81820	84363	0//06	11136	3020202	99/04
J	99530	70181	02124	11415	96011	13415	16280	22210	81705	/////	0//14	11516	3060303	21805
K	99454	70156	02124	22421	98020	17818	22500	00227	82820	/////	0//16	11732	3060909	20804
M														

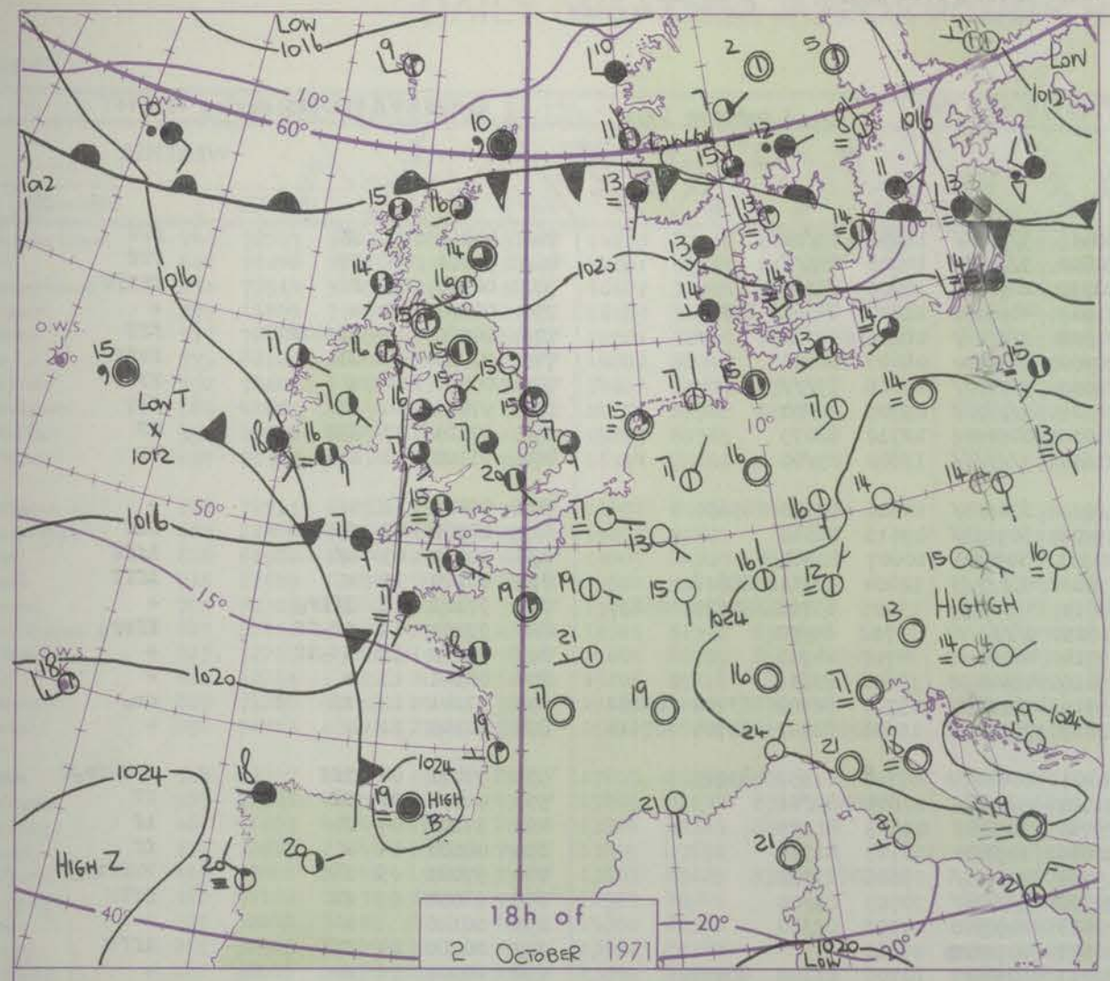
OCEAN WEATHER STATION REPORTS at 18h.

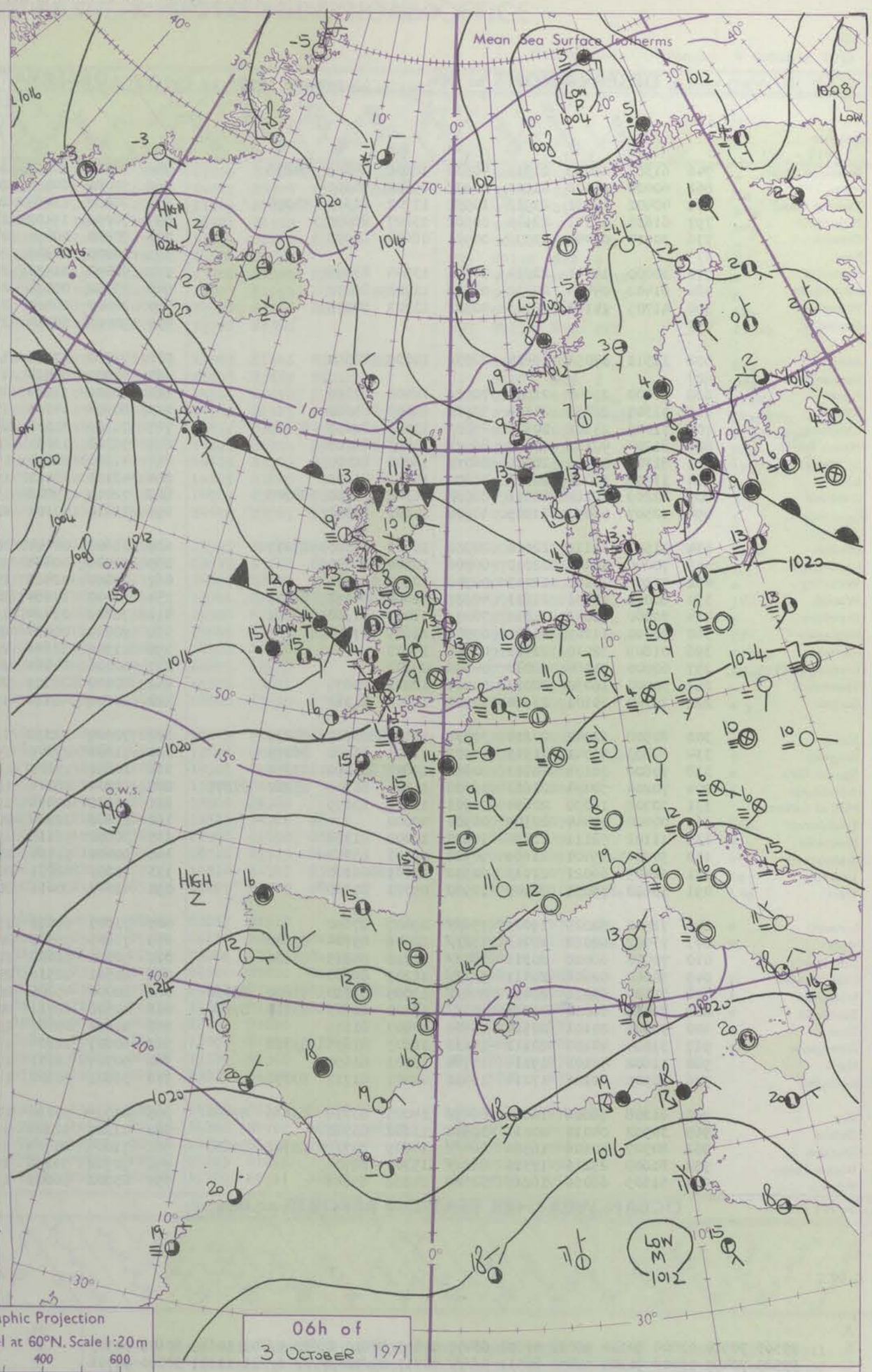
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	02184	70325	97028	10005	754//	00721	87615	/////	0//02	10711	30503	09704
C	99528	70352	02183	81205	94512	89212	862//	00513	88704	/////	0//11	11008	30603	99707
D														
E	99350	70480	02183	53120	98022	12021	32402	00705	83815	/////	0//13	12381	30505	33911
I	99591	70186	02184	81212	98616	17010	2542/	00702	81618	88459	0//09	11153	30303	25704
J	99529	70172	02184	80000	95516	12815	872//	41712	85704	88710	0//15	11512	30201	22703
K	99451	70159	02184	12415	98020	20618	12500	51211	81820	/////	0//15	11743	30608	20805
M	99657	10018	02184	61610	97808	13706	5956/	00711	85922	/////	05604	10956	30101	96606

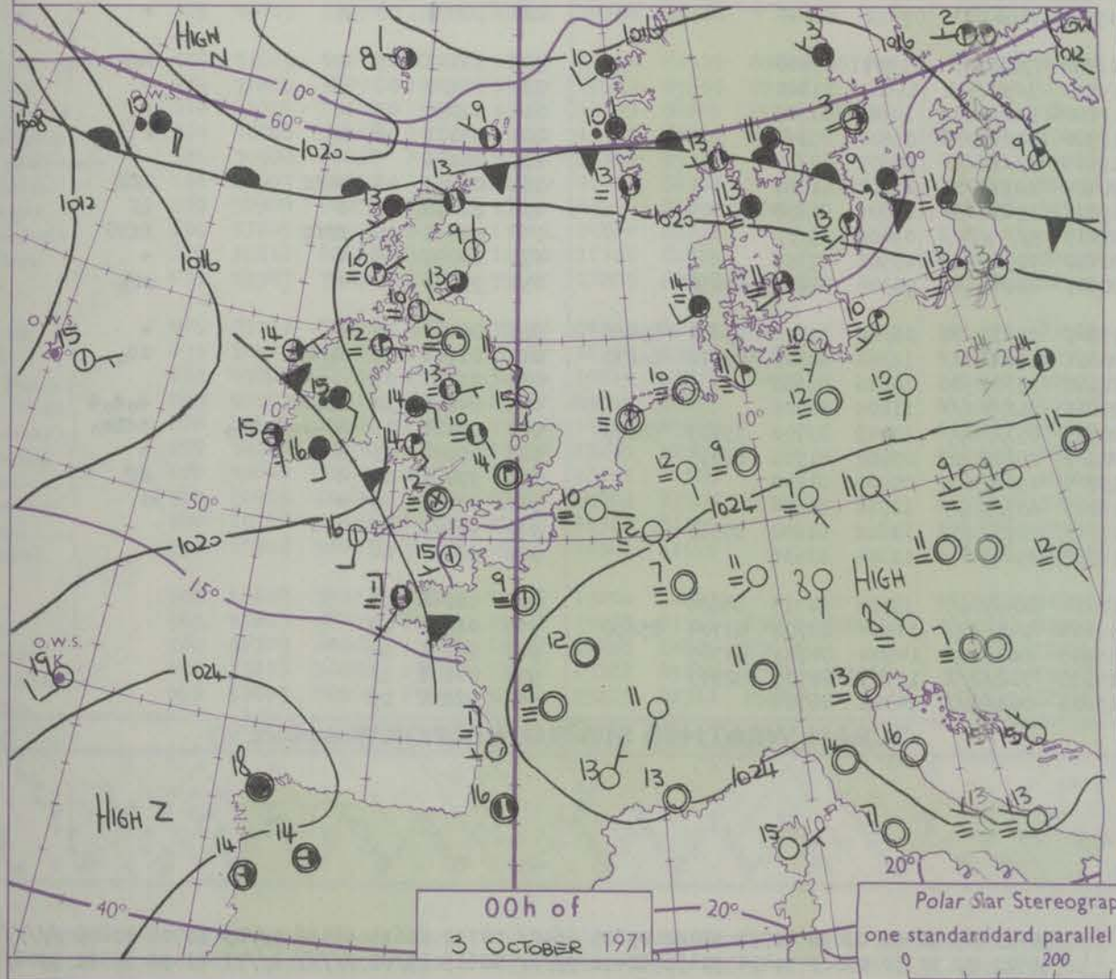
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 3 October 1971

Phe anticyclone persists over eastern Europe linked by a ridge through N France to another high west of Spain. The ridge over the British Isles has moved on to the North Sea as a minor thundery trough near southwest Ireland moves northeastwards and weakens. The main polar front boundary is lying east/west between the Orkneys and Shetlands with minor waves running eastwards along it. This front is expected to move southwards into the eastern North Sea later. Otherwise little general change is expected in the vicinity of the British Isles with the major depression being maintained in mid-Atlantic and high pressure over much of Europe except for Scandinavia. During the next 24 hours southern parts of the U.K. will be under the influence of the European high but the front is likely to penetrate a little southwards into Scotland.

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

Code FM 11.D **OBSERVATIONS at 00h.** 3 October 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	61307	28052	21711	40938	10802	84362	84275	
Hurn	862	60000	15102	21910	6093/	09802	86365		
Thorney Island	871	40402	48051	21912	10932	11702	81365	84070	
Manston	797	61606	19111	22114	00902	13807	86075		
Gatwick	776	30000	02444	22308	00901	08603	83075		
Kew	775								
Heathrow	772	30000	14041	22214	00901	13504	83078		
Honington	586	61402	04464	22312	00908	11704	86272		
Wattisham	590	41705	14111	22513	00902	13707	84075		
Gorleston	497								
Aberporth	502	31511	37051	19814	20932	12607	82362		
Ross-on-Wye	627								
Filton	628	70000	23042	21814	7093/	12400	87363		
Rhoose	715	51307	28052	21114	50930	13603	85362		
Chivenor	707	71006	23102	20813	2583/	13503	82657	87360	
Mount Batten	827	81204	40102	21014	863//	13803	88709		
St. Mawgan	817	81709	08465	20516	860//	16000	88700		
Scilly	804	11908	58011	20116	15600	15102	81630		
Culdrose	809	82209	19284	20516	860//	16302	83700	88705	
Guernsey	894	12507	56051	21815	10930	14601	81360		
Elmdon	534	71502	19112	22010	20936	10301	82365	87275	
Cardington	559	70000	09464	22310	00906	10504	87270		
Wittering	462	72502	11101	22113	00908	12502	87275		
Watnall	354	80000	17041	21813	40937	12604	84362	88275	
Shawbury	414	70000	12042	21312	7097/	11001	81360	86361	
Finningley	360	70000	11101	21512	00908	12605	87280		
Kilnsea	396	01808	32010	21615	00900	14805			
Leeming	257	00000	01464	22010	00900	09802			
Tynemouth	262	30000	16050	22013	00901	12001	83075		
Carlisle	222	20000	14101	21610	10931	10802	81362		
Valley	302	80908	32042	20214	30937	13801	83362	88275	
Ringway	334	60803	50041	21315	10932	11501	81360	86075	
Squires Gate	318	70806	30101	20913	60952	12805	86360	87072	
Ronaldsway	204	70204	50044	20813	16338	11801	81706	85362	87275
Mull of Galloway	131	30708	16030	20614	00901	13808	83075		
Eskdalemuir	162	00000	01444	22509	00900	09000			
Prestwick	135	11102	58111	21410	10930	10000	81364		
Abbotsinch	140	50000	25404	21609	50930	09001	85362		
Leuchars	171	62409	66021	21113	60932	11001	86360		
Dyce	091	13602	75031	20909	10930	09001	81360		
Lerwick	005	72906	82025	19009	756//	09207	87640		
Wick	075	73002	62022	20013	752//	12006	85704	87640	
Sule Skerry	010	70000	66028	20311	784//	11212	84815	87620	
Cape Wrath	049	90000	02606	20411	9////	11209	89/00		
Stornoway	026	82307	63216	20613	854//	13005	81710	83620	88630
Benbecula	022	72010	66025	21013	753//	13101	82707	83714	87616
Tiree	100	30606	20101	20510	15630	10803	81635		
Aldergrove	917	31004	40100	20112	15631	11803	81635	83362	
Malin	980	11602	40101	19314	15700	13703	81650		
Belmullet	976	50505	62101	17214	35432	12001	81717	83070	
Birr	965	81208	58606	18815	6647/	14005	83718	85636	87460
Dublin	969	30902	04010	20213	30930	13102	83362		
Shannon	962	80507	40606	16516	864//	14809	83713	86718	86630
Roches Point	952	81608	25216	17316	862//	15702	88704		
Valentia	953	51605	66056	16215	52500	14202	85822		

OBSERVATIONS at 06h. 3 October 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	91302	00454	20411	9////	11808	89/00		
862	90000	00474	20810	9////	10806	89///		
871	20000	03464	20710	20931	10605	82360		
797	70000	19102	21013	40932	12807	84362	86075	
776	90000	00454	21308	9////	08605	89///		
775	20000	00444	20908	25700	08605	82650		
772	90000	01471	21009	9////	09608	89///		
586	91102	00474	21209	9////	09705	89/00		
590	20000	00464	21012	00902	12710	82075		
497	90000	00454	21613	9////	13600	89/00		
502	71714	17101	18214	6543/	14610	82710	85630	
627	61901	04424	19909	6099/	09615	86360		
628	30000	11284	20511	30970	10607	83360		
715	80804	14104	19913	854//	12604	82711	88616	
707	71105	20106	20014	753//	13605	83708	84620	85657
827	92308	03475	20815	9////	15702	89/00		
817	41610	28104	19714	46200	14707	84703		
804	42111	66021	19116	48400	15606	83818		
809	72010	39808	19915	781//	15707	82702	83704	85812
894	72610	40101	21815	751//	15601	82702	84704	87614
534	31602	00444	20307	20881	07708	81357	83075	
559	90000	00474	21107	9////	07604	89/01		
462	20000	02411	20710	10931	09605	81365		
354	20000	14284	20610	10931	10707	81365		
414	70802	03424	19909	7093/	09605	87360		
360	90000	00454	20710	9////	10503	89/00		
396	21906	12100	20413	20970	12708	82360		
257	00000	04464	20607	00909	07610			
262	80000	28101	20711	30947	10706	83358	88275	
222	20000	48110	19708	15631	07612	81640		
302	70000	32212	18614	7097/	13707	87460		
334	11206	27041	19713	10931	11604	81360		
318	10802	15101	19510	10930	10607	81360		
204	50204	28041	18910	50930	09810	85362		
131	90908	02454	19113	9////	12607	89///		
162	13608	32284	20409	10930	08712	81361		
135	30602	56110	19907	15630	07801	81630	83364	
140	90000	01454	20209	9////	09606	89///		
171	72905	62031	20410	7098/	09501	87358		
091	41002	80011	20907	48641	06306	82835	83650	
005	73007	82022	19808	38372	06304	81707	83640	85460
075	73605	56505	20811	752//	11208	82705	85712	86630
010	50000	81028	21110	55500	10206	85620		
049	80501	02516	20811	862//	11205	88705		
026	80000	45205	20913	853//	13003	83706	85709	88620
022	40506	62011	20209	25202	09602	81705	83075	
100	10606	09460	19709	15630	09500	81640		
917	60807	12104	18213	657//	12716	86656		
980	50704	58101	17713	1573/	11612	81650	85360	
976	30801	60100	16312	35602	11804	83636		
965	81003	59216	17014	864//	13506	84716	88636	
969	71307	12106	17414	761//	14514	83702	83704	85650
962	71007	24106	15915	6623/	14504	84703	84705	
952	70912	56258	14315	732//	15719	87705	82917	
953	83202	56606	15615	862//	14302	88704		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00091	07	jf	fFF
862	97080	04	FF	FFf
871	00090	05	f	ffiFF
797	00120	09	+	+
776	00080	05	if1FffFF	fFF
775	97060	04	FF	FFff
772	00090	06	+	FF
586	97081	08	ff	fFF
590	97101	07	fFF	FF
497	91122	08	f	FF
502	00131	11	+	+
627	00080	07	fF	Fff
628	00090	05	if	iFff
715	00120	11	+	iFff
707	97131	12	jfir$_o$	+
827	97131	12	id$_o$ff	ffpr$_o$
817	97130	11	id$_o$if	+
804	00141	13	+	+
809	97141	12	iF	pr$_o$
894	00140	11	+	+
534	97071	04	iff	iffFFr$_o$f
559	00070	03	ff	FF
462	97100	04	f	if
354	00101	04	+	ff
414	97081	05	fFF	FFffir$_o$
360	91090	07	ff	ffFF
396	00120		+	+
257	00060	04	ffF	iffF
262	00100	06	+	+
222	00070	03	+	+
302	93131	09	+	ir$_o$
334	00130	08	+	+
318	00090	05	+	+
204	94101	08	f	r
131	00121			
162	00061	03	FFff	Fff
135	00070	05	+	if
140	97061	04	iFff	ffFF
171	00091	06	+	+
091	97071	04	+	pr$_o$
005	00081	06	+	+
075	01111	08	d$_o$d$_o$	id$_o$
010	03101	07		
049	04101	10	ir$_o$FF	d$_o$d$_o$d
026	01121	11	ir$_o$r$_o$r$_o$id$_o$	idir$_o$
022	00091	05	+	+
100	97081	04	+	ff
917	00101	06	+	if
980	97121	09		
976	97111	08		
965	02141	12		
969	01121	09		
962	96151	14		
952	04151	13		
953	92111	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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	03004	80130	98022	07804	68407	00813	82810	85625	0//02	10689	30605	09905
C	99529	70457	03003	91304	92455	86511	9////	00717	89/02	/////	0//11	11101	30000	99706
D														
E	99349	70480	03003	63119	98032	14221	58401	00114	83815	/////	0//12	12332	30503	33908
I	99590	70190	03004	80918	97606	17110	873//	00502	84708	88712	0//10	11244	30403	99/05
J	99529	70184	03004	10604	96026	14415	16400	61109	81710	/////	0//15	11520	30000	20003
K	99450	70160	03004	02111	98020	23118	00900	00005	/////	/////	0//16	11745	30000	20804
M	99657	10019	03004	52612	97158	10807	49560	00710	84923	/////	05403	10964	30202	99505

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	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70508	03064	80337	98022	05604	6642/	00712	86615	88458	0//03	10708	30809	/////
C	99527	70356	03063	91414	91456	82411	9////	00615	89/02	/////	0//11	11096	30301	9906/
D														
E	99349	70480	03063	43018	98018	13521	48500	00609	82820	/////	0//13	12335	30503	33806
I	99590	70190	03064	81212	92536	16112	870//	00506	88701	/////	0//12	11220	30303	23805
J	99526	70193	03064	22010	98021	12714	25600	61710	82630	/////	0//13	11479	30101	99/03
K	99450	70158	03064	41914	98030	22418	35502	00603	83630	/////	0//16	11756	30000	20804
M	99657	10019	03064	73619	97808	11106	6956/	00211	86920	/////	05803	11022	30304	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40128

Date of Issue Monday 4 October 1971

Code FM 11.D

OBSERVATIONS at 12h. — 3 October 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	72507	66014	20716	51422	14803	82710	84816	87460
Hurn	862	72208	65014	21417	3847/	14601	83815	86358	
Thorney Island	871	72510	58054	21318	6847/	16601	82710	84814	87360
Manston	797	11405	37051	20421	11531	16709	81825		
Gatwick	776	72607	45054	21317	6643/	15001	82710	85712	85362
Kew	775	82103	20044	20816	863//	14802	88709		
Heathrow	772	72603	16284	21016	763//	14801	83707	87710	
Honington	586	41805	44054	20320	10932	14806	81362	83072	
Wattisham	590	10000	18054	20517	10931	15805	81365		
Gorleston	497	91307	01434	20216	9////	16714	89/02		
Aberporth	502	71713	61251	18116	784//	15802	81710	86818	
Ross-on-Wye	627	22305	48054	19618	28500	14809	81820		
Filton	628	61904	61054	20417	685//	13805	84820	83645	
Rhoose	715	61509	62034	20016	684/1	14804	82818	85622	
Chivenor	707	72309	69802	19318	724//	15708	82715	86825	
Mount Batten	827	62116	62038	20819	48432	16801	81712	83635	
St. Mawgan	817	72219	59258	19717	783//	15804	82709	85815	85645
Scilly	804	62215	61022	20117	68400	15206	85818		
Culdrose	809	72216	57058	20417	784//	15105	82710	87620	
Guernsey	894	72313	63022	22717	763//	15001	83707	85709	85650
Elmdon	534	82207	40056	19716	8097/	13605	83359	88465	
Cardington	559	71703	48054	20018	4563/	15809	82630	83645	87368
Wittering	462	51907	40044	19620	20931	13806	82365	84075	
Watnall	354	72005	23041	19617	757//	13805	87650		
Shawbury	414	82405	35046	19516	3558/	13603	83625	83359	88362
Finningley	360	90102	02436	20012	9////	12707	89/01		
Kilnsea	396	30000	32030	20417	20971	14801	82360		
Leeming	257	70506	37044	20415	7095/	13501	87360		
Tynemouth	262	90000	00474	20513	9////	13804	89/00		
Carlisle	222	40809	57050	19216	30952	14708	83362		
Valley	302	71809	50046	18917	784//	15301	82710	85818	87645
Ringway	334	71805	36048	19217	5578/	12803	85656	87358	
Squires Gate	318	81305	15606	19515	2268/	14503	82845	85356	87359
Ronaldsway	204	62206	35046	19218	35431	13102	81710	83656	
Mull of Galloway	131	70906	60038	19215	7093/	13107	87360		
Eskdalemuir	162	20607	48050	19318	10939	11708	81368		
Prestwick	135	50306	58054	19418	15631	13502	81640	83080	
Abbotsinch	140	13205	45044	20415	11400	14804	81812		
Leuchars	171	10812	82021	21515	11530	11106	81825		
Dyce	091	70907	70028	22314	753//	12207	84708	87650	
Lerwick	005	73311	80801	22210	784//	05213	86815		
Wick	075	70407	82255	23412	784//	10214	83818	86645	
Sule Skerry	010	40000	82031	23712	32504	10215	83820	84070	
Cape Wrath	049	60502	87015	23311	655//	09210	86625		
Stornoway	026	70414	75026	23113	7553/	11208	87625		
Benbecula	022	30718	59030	21414	26030	13205	82701		
Tiree	100	10000	82014	20017	10930	13105	81360		
Aldergrove	917	70506	20104	19416	6623/	14002	83704	86706	
Malin	980	10703	20101	19316	10930	14302	81360		
Belmullet	976	10302	58051	17918	15600	13301	81640		
Birr	965	43602	75011	17819	425/2	13204	84823		
Dublin	969	41203	68104	18119	334/2	14205	81715	83070	81921
Shannon	962	62707	60102	17818	685//	15208	84820	83635	
Roches Point	952	73115	56808	17016	734//	15222	84710	87816	82916
Valentia	953	52807	70036	19217	58400	15215	81711	85816	

OBSERVATIONS at 18h. — 3 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
	74746	72210	74032	19215	58402	13605	83714	83818	86075
	86862	72410	62032	19917	66331	14707	83708	85712	86070
	87871	52309	74022	20416	22401	14505	81715	83075	
	79797	72505	40251	19917	40971	15701	84362	86075	
	77776	52006	62012	20015	15581	13604	81620	85075	
	77775	32104	56051	19616	14402	13604	81618		
	77772	72008	61026	19417	28532	13708	81825	86075	
	58586	82507	35051	19016	1577/	14503	81650	85360	88465
	59590	82706	17056	19315	8097/	14500	83362	88468	
	49797	82104	08606	18717	8097/	17703	88360		
	50502	70405	64252	17015	49403	13503	81916	83630	86070
	62627	71002	63258	18014	35602	13605	83630	84012	
	62128	71203	58058	18816	754//	14505	83618	87635	
	71715	71006	58258	17615	5942/	14712	81915	83820	87459
	70707	82119	40598	14915	853//	14832	83708	86714	88630
	82827	72520	56802	19016	782//	14608	86705	85815	86630
	81817	72621	56216	18715	773//	14603	83706	86708	
	80104	42716	63011	20816	48400	14205	83818		
	80309	62418	62012	19916	5844/	14500	83710	84625	
	89894	52516	66011	21916	46332	14604	83707	83358	
	53334	61804	38052	18514	20931	13505	82364	86075	
	55559	62502	58056	19115	35682	13607	83640	84365	86075
	46662	72704	37042	18416	11532	14505	81825	84362	87075
	35554	70000	19058	18915	555/2	13501	81628	85650	86072
	41114	50000	57041	18516	38538	13500	81820	83645	
	36660	70000	04466	18715	10932	14505	81360	87070	
	39696	80812	06464	17915	8097/	14502	88360		
	257257	90210	02476	19613	9////	13205	89///		
	262262	80515	58024	20713	855//	13305	88625		
	222222	70711	40052	19915	3567/	12308	83635	87362	
	302302	70307	56041	18916	7844/	14305	82713	84817	86626
	334334	50602	24046	18416	45731	13603	84650		
	318318	73505	17046	18915	12682	14501	81845	83359	87075
	204204	10000	15041	19114	16280	13304	81705		
	13131	10000	58011	19013	10930	13500	81360		
	16262	80513	28051	21412	863//	11313	84706	88711	
	13535	30712	60021	19915	38701	12306	81850	83656	
	14040	60714	70021	21414	654//	11316	85713	84628	
	17171	80615	66214	23012	872//	10310	81703	83705	88714
	09191	80310	70206	24111	853//	09207	81709	88619	
	00905	23506	82018	25305	18402	03217	81812		
	07575	50507	89081	25309	25630	06211	82640	84360	
	01010	40505	81030	25310	22576	09206	82820	84360	
	04949	50506	85031	23910	31571	06101	83820	84360	
	02626	70619	80022	23512	5543/	09302	81618	85650	85362
	02222	40717	86031	21313	16332	11604	81709	83075	
	10000	10206	89020	20113	00901	12301	81080		
	91717	30502	30041	19714	30930	12307	81359	83362	
	98080	20607	25010	19614	20930	13304	82360		
	97676	10000	57100	19615	10930	13212	81360		
	965 965	50000	62031	19617	585//	14312	81823	84636	
	969 969	80902	59101	19115	861//	14308	84702	86704	86705
	962 962	73106	59102	19916	764//	14210	85712	85625	
	952 952	23102	65028	19911	18404	14319	81816		
	953953	62706	60101	20916	62400	15310	82711	86810	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00201	021	F	+
Hurn	862	97190	021	ff	r_o
Thorney Island	871	97190	014	+	pr_o
Manston	797	97220		+	pr_o
Gatwick	776	00180	003	Fff	+
Kew	775	00190	022	+	+
Heathrow	772	97190	009	FFifr_o	+
Honington	586	00211		FFff	+
Wattisham	590	97191	020	ff	ir_o
Gorleston	497	94172	026	Fff	ffir_o
Aberporth	502	01171	024	pr_o	pr_o
Ross-on-Wye	627	95201	025	f	prpr_o
Filton	628	01201	020	pr_o	prpr_o
Rhoose	715	07181	025	pr_opR	pr_oprr$_o$
Chivenor	707	06191	015	pr_opR	pr_opRdrpr
Mount Batten	827	97191	034	+	pr_o
St. Mawgan	817	01181	031	pr	ir_o
Scilly	804	00190	058	+	+
Culdrose	809	97170	025	pr_o	+
Guernsey	894	00180	039	+	+
Elmdon	534	00191	030	+	1ffF
Cardington	559	97190	015	FFr_o	+
Wittering	462	00200	031	1f	+
Watnall	354	97191	019	pr_o	jf
Shawbury	414	97200	021	ir_o	+
Finningley	360	93151	002	FF$r_o$ffr	ff
Kilnsea	396	91181	053	+	ffir_o
Leeming	257	97160	033	rf	fr$_o$ffFFFf
Tynemouth	262	00140	033	+	+
Carlisle	222	00181	056	+	+
Valley	302	97191	041	ir_o	+
Ringway	334	97180	020	pr$_o$r$_o$	+
Squires Gate	318	97171	006	r_o	+
Ronaldsway	204	00181	008	+	f
Mull of Galloway	131	00161			
Eskdalemuir	162	97191	079	+	id_o
Prestwick	135	00200	074	+	+
Abbotsinch	140	00181	053	FF-f	+
Leuchars	171	95161	074	+	r_o
Dyce	091	97141	017	$r_od_od_o$	id_o
Lerwick	005	97111	070	pr_o	+
Wick	075	97131	015	pr_o	+
Sule Skerry	010	00130			
Cape Wrath	049	00111	029	+	+
Stornoway	026	00131	005	+	+
Benbecula	022	00150	082	+	+
Tiree	100	00181	099	+	+
Aldergrove	917	00171	007	f	+
Malin	980	9717	070		
Belmullet	976	9721	071		
Birr	965	0020	074		
Dublin	969	9720	047		
Shannon	962	9719	046		
Roches Point	952	0518	050		
Valentia	953	9718	054		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

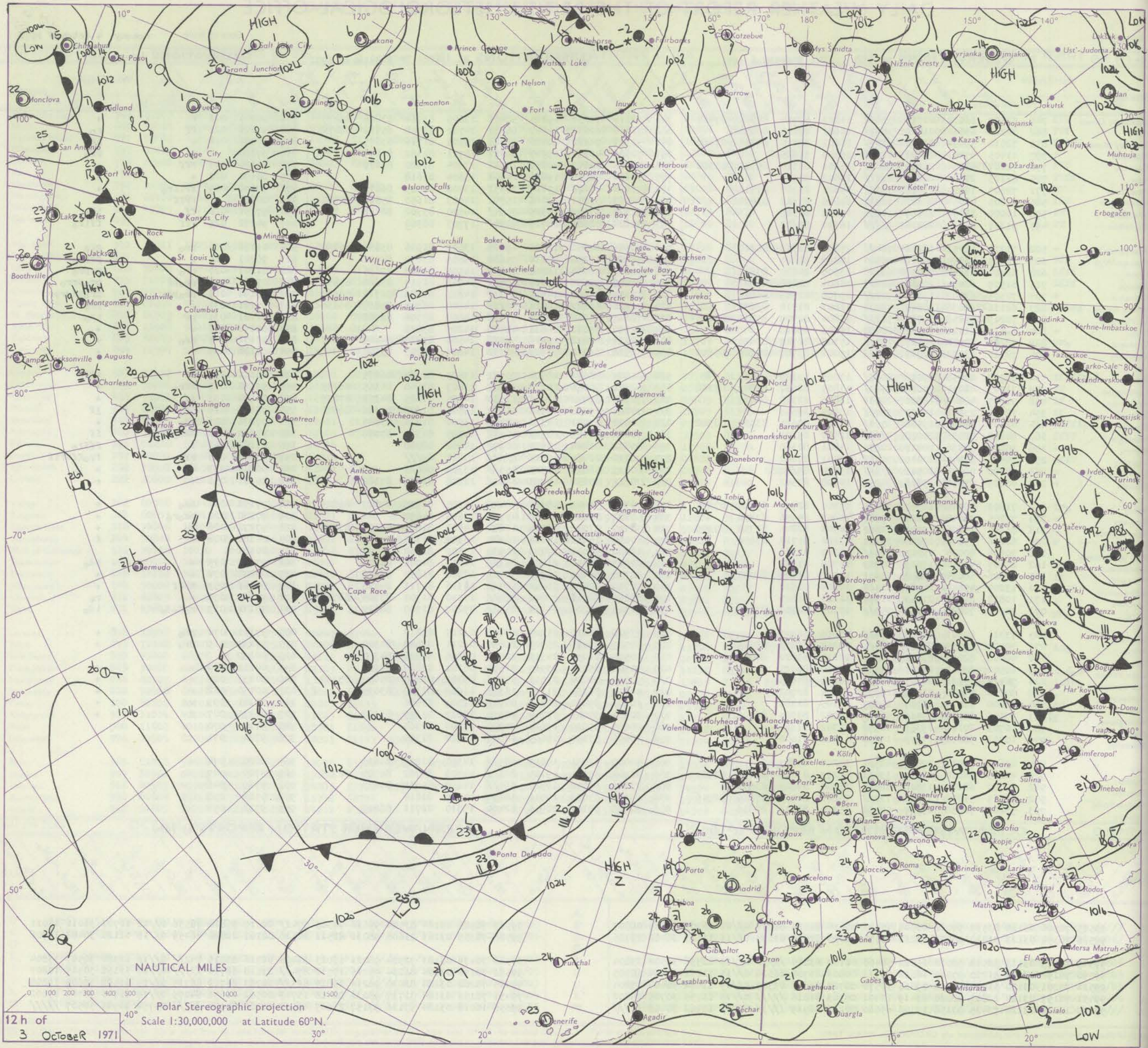
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70504	03124	83537	97026	02904	4747/	00814	84815	88358	0//02	10705	30606	07807
C	99526	70354	03123	51310	98021	83212	48530	00000	82820	83625	0//11	11123	30402	19706
D														
E	99349	70479	03123	52518	98012	13622	58400	00102	83815	/////	0//16	12356	30502	33804
I	99590	70191	03124	61220	97015	16612	653//	00803	83708	86620	0//11	11232	30404	10705
J	99524	70201	03124	51720	97012	09816	35570	00721	83625	83365	0//15	11464	30404	17804
K	99451	70157	03124	11817	98020	23419	12401	00303	81816	/////	0//16	11755	30705	25802
M	99657	10019	03124	73425	97158	17706	69660	00237	86939	/////	05701	10962	30406	/////

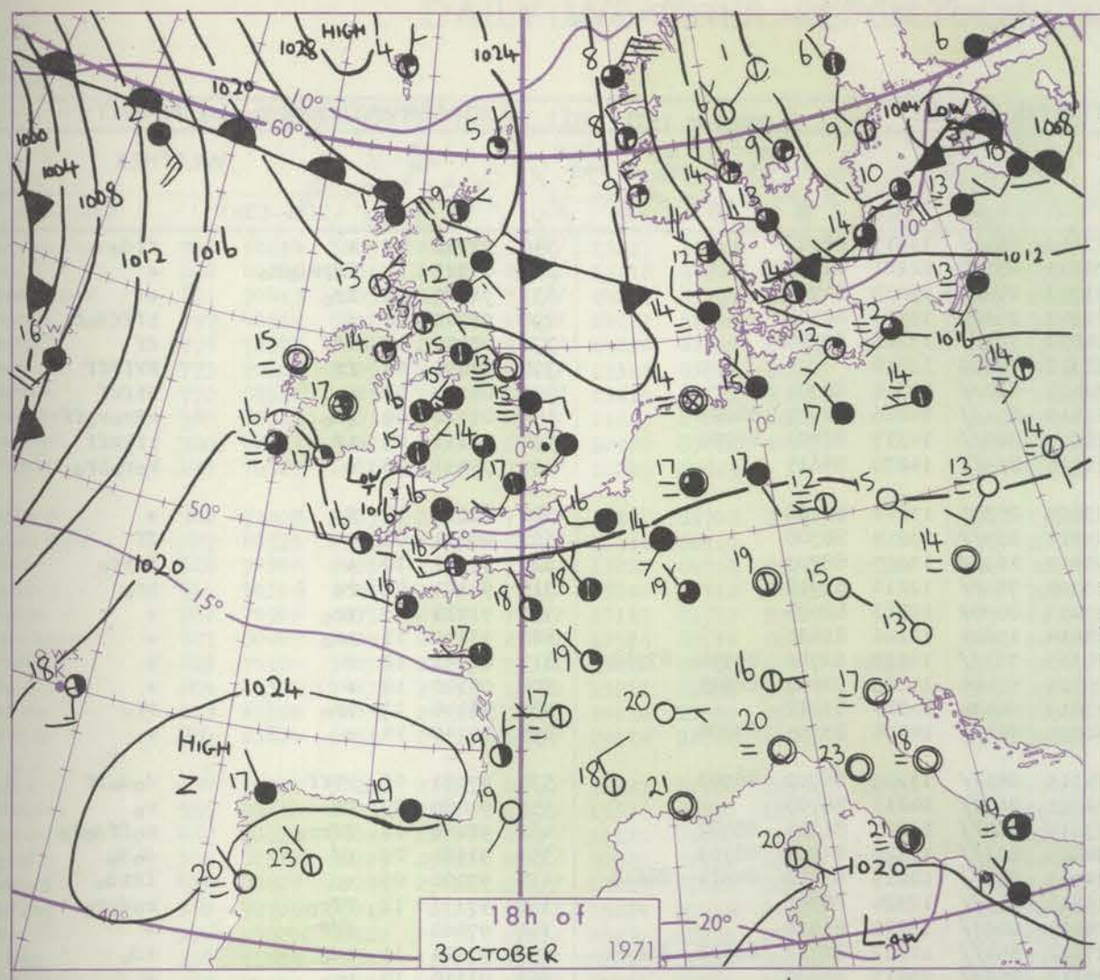
OCEAN WEATHER STATION REPORTS at 18h.

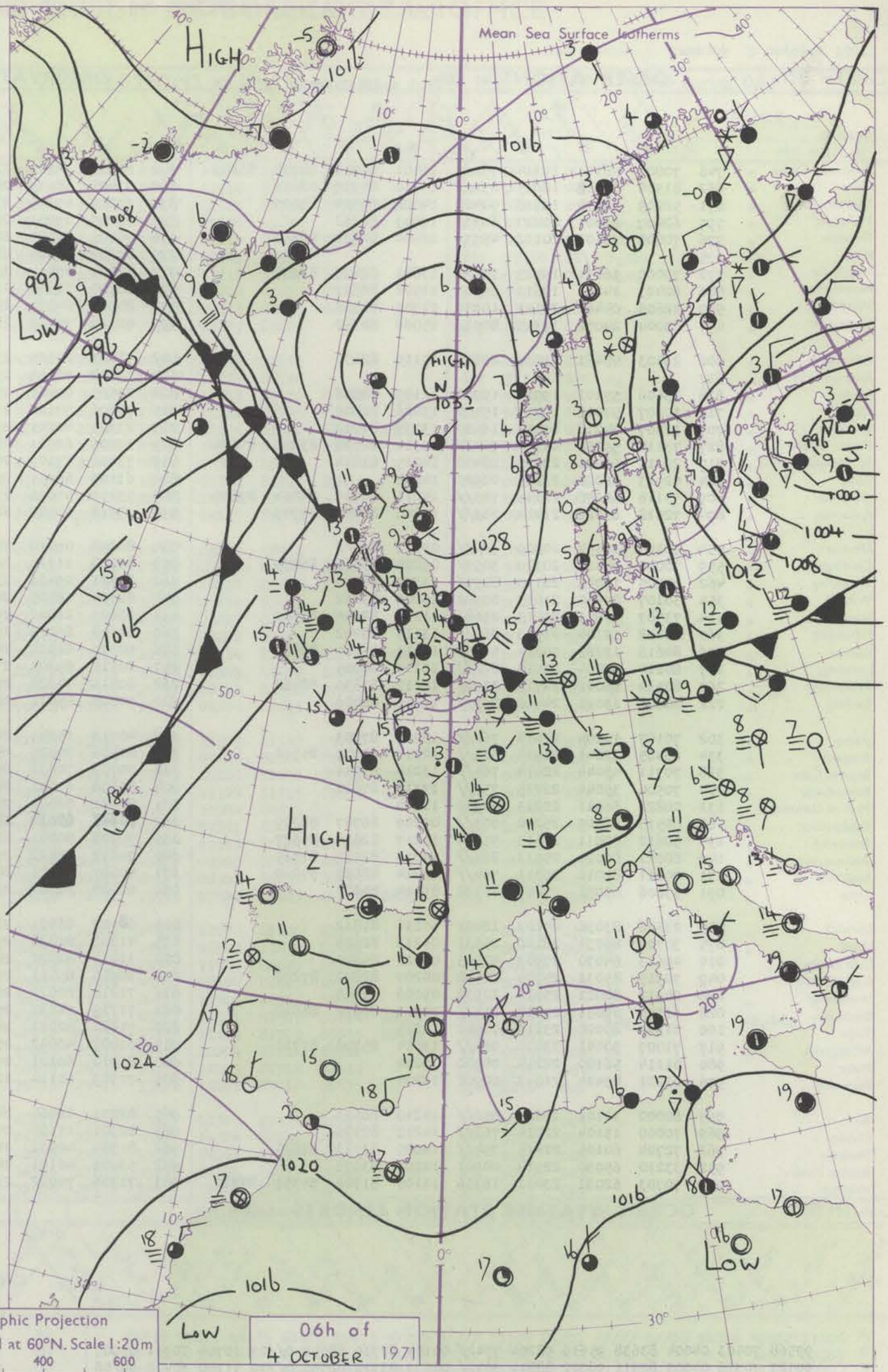
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99567	70505	03184	83544	95616	98305	5742/	00619	85810	88556	0//02	10702	31012	05011
C	99526	70355	03183	71608	98032	82511	22526	00102	82820	86459	0//10	11120	30402	19706
D														
E	99348	70479	03183	72324	98021	11023	31408	00716	83815	842//	0//16	12382	30503	33804
I	99591	70191	03184	81224	95216	13712	874//	21618	88710	/////	0//12	11150	30505	10807
J	99525	70202	03184	82020	96216	06815	863//	00703	85709	88715	0//15	11468	30605	19808
K	99451	70156	03184	51717	98031	22418	15742	00502	81656	84075	0//16	11740	30705	25802
M	99656	10018	03184	53126	97157	21605	49560	00208	84924	/////	05752	10940	30507	/////

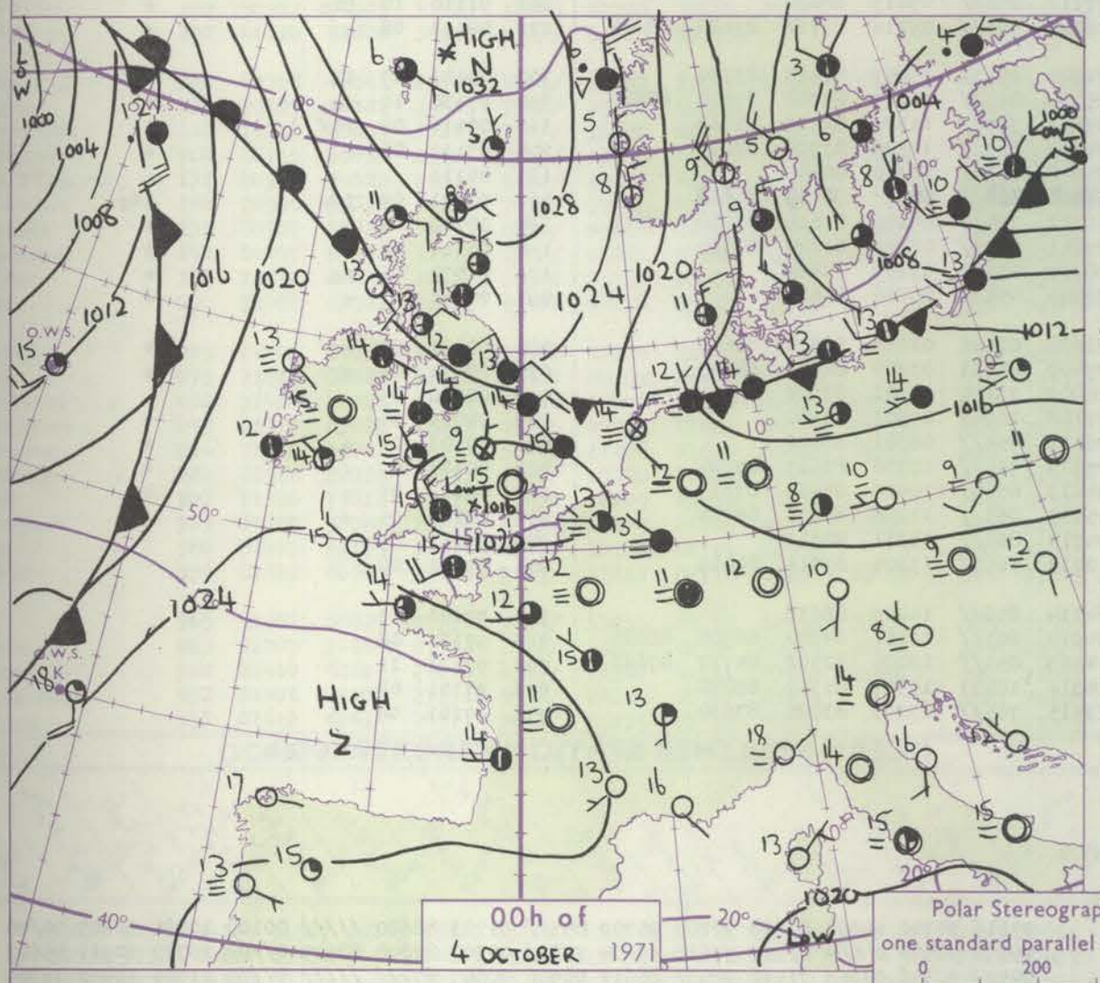
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 4 October 1971

The belt of high pressure across central Europe to northwest Spain moved southeast into the Balkans in the east but is likely to remain slow moving in the west. The anticyclone over Iceland, now centred east of the Faeroes is expected over the North Sea by tomorrow morning. A weak cold front lying west to east across northern Scotland moved slowly south at first yesterday but has now moved to the southern North Sea preceeding the northerlies on the eastern flank of the high near the Faeroes. The front has moved north as a warm front towards Iceland over the eastern North Atlantic. A small depression south of Ireland yesterday morning deepened a little yesterday afternoon as it entered the British Channel but has now moved to Cherbourg and is filling up.

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

Code FM 11.D — **OBSERVATIONS at 00h.** — 4 October 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	70807	58101	19314	752//	13501	84704	84712	86619
Hurn	862	81504	62816	18815	853//	15610	84709	88611	
Thorney Island	871	52209	61038	19716	54400	14806	82814	83627	
Manston	797	62407	62021	20313	6093/	12803	86362		
Gatwick	776	70000	28101	20112	4553/	12804	84624	86360	
Kew	775								
Heathrow	772	70000	56031	19915	755//	13801	82625	87635	
Honington	586	62403	14281	19613	65500	13500	86627		
Wattisham	590	22605	04461	20111	10931	11703	81368		
Gorleston	497	83004	24052	19315	8097/	15006	88360		
Aberporth	502	23403	08461	21015	25600	15115	82630		
Ross-on-Wye	627								
Filton	628	13606	57101	19913	15700	12109	81656		
Rhoose	715	10107	57018	19813	15400	13226	81618		
Chivenor	707	12407	74018	20115	16430	13137	81712		
Mount Batten	827	73114	59258	20716	784//	13314	82710	83818	87634
St Mawgan	817	23111	66021	22015	28400	14215	81814		
Scilly	804	02913	66020	23215	00900	14208			
Culdrose	809	73118	60258	22115	783//	14211	84709	84814	87620
Guernsey	894	72518	63022	21414	763//	14808	84707	87709	
Elmdon	534	90103	01454	20809	9////	09311	89///		
Cardington	559	70000	08424	20309	30932	09204	83365	86075	
Wittering	462	83205	17042	20115	8097/	13307	88360		
Watnall	354	30107	04464	21013	00902	13209	83072		
Shawbury	414	73507	17041	21013	2568/	11214	82645	87359	
Finningley	360	80408	12104	21513	861//	13115	88702		
Kilnsea	396	80618	12286	20614	5637/	13211	85707	88460	
Leeming	257	80210	37504	23413	872//	13214	88705		
Tynemouth	262	80514	66022	24713	3562/	12212	83630	88460	
Carlisle	222	80608	65022	24412	863//	11216	88709		
Valley	302	70107	14104	22014	762//	13216	87703		
Ringway	334	60405	22041	21414	663//	12214	83707	85710	
Squires Gate	318	70711	45044	22014	764//	13214	87714		
Ronaldsway	204	70504	35044	22715	755//	13315	87622		
Mull of Galloway	131	00821	66011	22213	00900	11214			
Eskdalemuir	162	80513	56505	25210	873//	09209	86707	88710	
Prestwick	135	50612	80011	24613	55400	10217	82618	85627	
Abbotsinch	140	80611	80021	25513	864//	10217	82714	87715	
Leuchars	171	70611	80016	26811	784//	08214	82818	87640	
Dyce	091	53606	80031	27607	45530	05214	84620		
Lerwick	005	23506	83030	29103	18401	50216	81812		
Wick	075	30707	86031	28108	25531	04213	82628		
Sule Skerry	010	40613	84030	27909	42505	08212	84820		
Cape Wrath	049	70915	85031	25709	28548	04207	82820	87270	
Stornoway	026	20912	80011	25811	20930	09108	82365		
Benbecula	022	61109	85031	23812	655//	10213	81620	86640	
Tiree	100	01312	80020	23213	00900	11215			
Aldergrove	917	71007	30041	23014	763//	13014	85708	87710	
Malin	980	01114	56100	22214	00900	12204			
Belmullet	976	01201	05424	21813	00900	12204			
Birr	965	80000	32102	22615	856//	14210	88636		
Dublin	969	70000	15104	22714	763//	14212	87706		
Shannon	962	72704	60105	22615	754//	14005	83713	87624	
Roches Point	952	33210	65030	22914	00901	12209	83070		
Valentia	953	70703	62031	23012	16356	11105	81708	84359	87270

OBSERVATIONS at 06h. — 4 October 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	80312	14101	22113	861//	13217	88702		
862	33405	58018	22013	25330	12121	82708		
871	20208	40106	21713	24200	13218	81705		
797	23205	19281	21313	26380	13308	82708		
776	70205	26284	21813	762//	13216	87704		
775	03602	04444	22313	00900	13310			
772	83504	05414	22413	860//	12316	88701		
586	80508	12604	21815	853//	14216	82707	88625	
590	80510	04214	21715	860//	14317	86701	88703	
497	80319	32216	21716	854//	14220	88615		
502	31003	21104	23614	25301	13212	81708		
627	83602	08444	23813	863//	13215	88708		
628	83505	09461	23813	862//	13217	88703		
715	70206	30101	23213	764//	12210	87710		
707	23305	40101	23413	00902	12213	82075		
827	10206	62021	23614	15601	13216	81630		
817	73406	57101	24315	763//	14113	82706	84708	87710
804	63105	66031	25215	68400	14208	82818	86625	
809	53210	57058	23814	48430	14310	83812		
894	73318	63022	21015	762//	14204	83705	87708	
534	80308	09514	24113	861//	13219	86702	88703	
559	83508	11214	22715	862//	14215	88703		
462	80311	09426	23214	860//	13217	86701	88702	
354	80310	18505	24813	871//	12322	84702	88703	
414	83603	21042	24713	854//	12219	81712	84614	88618
360	80408	66026	25813	863//	12324	88708		
396	60820	66012	24014	6097/	12222	86460		
257	80511	69205	27112	854//	11222	82710	83618	88624
262	80815	74028	27312	856//	09213	88630		
222	70808	65011	26912	754//	09216	83711	83620	87635
302	40713	15041	24014	15432	13007	81618	83360	
334	80506	70025	25014	853//	11219	81708	87710	88620
318	70709	70032	25813	754//	11220	82715	87618	
204	80608	63031	24914	863//	12108	83708	88713	
131	80921	82022	25612	856//	10310	88645		
162	70607	62015	27802	763//	08313	85709	86713	
135	70908	80021	26711	754//	09106	81615	83630	87645
140	70612	70022	27211	755//	08206	81620	87630	
171	50607	82021	28709	45502	07109	84624		
091	60000	80022	29705	45531	03210	84621		
005	68502	86021	31004	68400	01113	81814	86630	
075	41307	82030	29409	25531	03205	82628	84075	
010	31413	82020	28909	33500	08202	83920		
049	30915	85011	27108	20945	07703	82360		
026	71210	82021	26411	756//	08301	87630		
022	71715	74032	25313	754//	10308	83617	87630	
100	71420	82011	24413	6567/	10400	86635	87359	
917	81007	40042	25413	863//	11208	83706	88708	
980	81210	60101	24714	864//	12211	88712		
976	71709	60114	22714	5647/	13204	83716	84459	
965	82201	06464	24314	856//	14209	88636		
969	82901	11102	24914	861//	13211	84702	86708	88620
962	81304	40102	24013	851//	12205	82702	84717	87622
952	53403	40101	24811	10931	11307	81359	85070	
953	71306	70022	23515	785//	13303	83820	87630	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97131	09	+	$ff d_o$
862	05121	11	$prpRd_or_o$	+
871	91120	10	ir_o	+
797	91101	06	+	$ifffd_of$
776	00110	09	iff	ff
775	97090	06	fF	FFfFff
772	00120	09	+	Fifff
586	01121	09	fr_o	rRr_or_off
590	02111	08	if	ifirff
497	95151	13	+	$r_or_oir_o$
502	00111	10	f	+
627	00111	08	+	ff
628	97121	10	+	$ffid_o$
715	92121	08	r_o	pr_o
707	91111	08	pr_o	+
827	97141	11	pr_o	+
817	00141	12	+	+
804	00140	12	+	+
809	92140	11	pr_o	pr_o
894	00140	14	+	+
534	97081	06	FFff	d_od_off
559	97080	05	fF	r_o
462	92140	12	$ffrr_o$	$r_offd_or_o$
354	91121	09	ff	d_od_o
414	97101	06	+	$fFid_o$
360	97131	12	Ffr_o	$r_od_or_o$
396	97140		fFF	+
257	97121	11	id_o	id_o
262	91110	10	pr_o	+
222	00111	08	+	+
302	00101	09	ff	+
334	97130	10	d_o	+
318	00111	08	fif	+
204	97111	06	+	+
131	00111			
162	97091	09	id_o	id_o
135	00100	08	+	+
140	00111	09	+	+
171	91071	05	r_o	+
091	00041	51	+	+
005	00031	51	+	+
075	00071	05	+	+
010	00080	05		
049	00071	06	+	+
026	00101	06	+	+
022	00121	09	+	+
100	00121	09	+	+
917	00100	05	+	+
980	97111	09		
976	97121	08		
965	97141	11		
969	97131	08		
962	97121	11		
952	97101	08		
953	97101	08		

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

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99568	70503	04004	83638	95616	98204	7742/	00104	87710	88550	0//03	10704	30911	05007
C	99527	70356	04003	82016	98022	88811	3642/	00233	83712	88556	0//10	11100	30402	99/06
D														
E	99350	70480	04003	72535	97022	10323	21478	00108	81815	85358	0//18	12550	30607	33805
I	99591	70193	04004	81527	93604	11912	872//	00505	88704	/////	0//12	11132	30605	10807
J	99526	70203	04004	22119	98031	11415	26400	41214	82710	/////	0//15	11474	30303	19006
K	99451	70154	04004	21718	98031	24018	15642	00109	81640	/////	0//17	11740	30805	/////
M	99657	10019	04004	73026	97258	24806	6956/	00208	86932	/////	05702	10960	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70300	04064	81318	97205	95709	855//	31723	88620	/////	00108	10885	30605	00/00
B	99572	70504	04064	83537	97616	99204	7732/	00307	87808	88545	0//02	10727	30911	05007
C	99527	70356	04063	71416	98032	88611	00906	00807	872//	/////	0//09	11081	30402	16705
D														
E	99349	70480	04063	82234	97802	07022	824//	00722	88810	/////	0//21	12353	30708	33805
I	99590	70192	04064	62119	97216	08812	652//	00507	84705	85630	0//12	11235	30504	17909
J	99524	70202	04064	22216	98030	13515	28500	00312	81820	/////	0//15	11474	30303	19806
K	99452	70156	04064	81916	97601	23118	871//	51605	88702	/////	0//18	11742	30807	/////
M	99658	10019	04064	73016	97258	28606	5956/	00212	85932	/////	05702	10930	30404	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40129 — Date of Issue Tuesday 5 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 4 October 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	60614	32055	26317	614//	13217	86817		
Hurn	862	80305	18052	26317	863//	15218	86706	88708	
Thorney Island	871	70415	23051	25517	753//	14214	85709	86630	
Manston	797	40514	58015	25318	48400	14121	83814		
Gatwick	776	70507	30204	25717	754//	14220	82614	87657	
Kew	775	80308	56054	26517	4841/	13322	83818	88460	
Heathrow	772	60314	48054	26319	685//	13219	84822	83635	
Honington	586	80411	69036	27715	855//	11225	85620	88645	
Wattisham	590	80611	62026	27315	854//	12226	87615	88635	
Gorleston	497	70323	60016	27115	755//	10229	87625		
Aberporth	502	71002	23051	27716	753//	13117	81708	87618	
Ross-on-Wye	627	80510	48054	27716	864//	13218	88710		
Filton	628	70306	20055	27916	753//	13222	84708	85712	87620
Rhoose	715	70306	36041	27816	754//	13220	82712	86622	
Chivenor	707	70906	26051	27617	754//	13117	81712	87620	
Mount Batten	827	50407	37051	26919	25401	13106	82616	85075	
St. Mawgan	817	70109	56052	27217	753/1	14212	84708	86710	87612
Scilly	804	43302	74031	27619	12502	15211	81820	84075	
Culdrose	809	63509	62058	26518	58501	14112	83820	85625	
Guernsey	894	63614	60012	25217	683//	14116	82707	84810	
Elmdon	534	80508	57206	28913	863//	12227	81706	85709	88711
Cardington	559	80410	60056	28214	854//	13326	86710	88618	
Wittering	462	80614	78026	28714	855//	11226	85620	88645	
Watnall	354	80310	66025	29813	884//	10225	81712	83815	88618
Shawbury	414	80807	60045	29414	854//	11223	83612	88615	
Finningley	360	70709	75012	30515	684/2	09224	81818	86625	
Kilnsea	396	50820	66022	29414	21571	08230	82825	85075	
Leeming	257	71009	74025	31015	41602	07218	84834	87075	
Tynemouth	262	50912	74021	31413	35648	07220	83630	85275	
Carlisle	222	81010	80022	30613	856//	09115	88645		
Valley	302	80708	48041	28517	4547/	14220	81614	83645	88462
Ringway	334	70907	62021	29815	754//	09224	87618		
Squires Gate	318	71012	80032	30115	754//	10220	82618	87645	
Ronaldsway	204	81115	65032	29115	854//	11215	81712	86627	88645
Mull of Galloway	131	80918	74022	29013	5642/	12215	85715	88460	
Eskdalemuir	162	70906	78012	31112	755//	07217	83628	87635	
Prestwick	135	80907	81022	30313	855//	09214	82628	85636	88642
Abbotsinch	140	80707	65022	31213	855//	07216	81620	83632	88640
Leuchars	171	71112	82022	32112	35502	06313	83626	87075	
Dyce	091	71612	82022	32311	55502	04210	85626	87072	
Lerwick	005	71408	86031	33010	15602	02307	81632	87070	
Wick	075	71513	82022	31111	45602	04209	84630	87070	
Sule Skerry	010	71424	82022	29911	48506	10400	81820	84625	87070
Cape Wrath	049	61410	83012	28012	15575	07202	81625	84360	86070
Stornoway	026	71615	82022	28113	5547/	11206	81615	85645	87358
Benbecula	022	81618	82032	27313	854//	10310	81616	88635	
Tiree	100	71320	75012	27614	35632	10209	83632	86362	
Aldergrove	917	81310	56042	28114	853//	12209	83708	85711	88623
Malin	980	81413	60105	26814	6647/	12105	86714	88459	
Belmullet	976	81812	60605	24615	7647/	13212	84718	86635	88459
Birr	965	81607	66024	27016	7647/	13211	85718	85636	88461
Dublin	969	81209	14104	27316	862//	13207	82704	85706	86650
Shannon	962	81410	62606	26016	4547/	13310	81711	83640	88460
Roches Point	952	81406	45104	27116	853//	14210	83707	88634	
Valentia	953	81612	68616	24917	3642/	15211	83718	88550	

OBSERVATIONS at 18h. — 4 October 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	80707	32052	29614	854//	12220	85712	88630	
Hurn	862	70409	56052	29016	754//	13318	83615	87635	
Thorney Island	871	80512	67031	28815	884//	12322	81712	86814	88657
Manston	797	60512	81018	30014	55501	09224	85620		
Gatwick	776	70612	65028	29614	754//	11219	81615	87627	
Kew	775	80611	61026	30315	855//	10221	88625		
Heathrow	772	80611	59016	30015	854//	11218	81616	88626	
Honington	586	70405	61041	31310	15602	07218	81635	87073	
Wattisham	590	50606	70012	31111	25502	07217	82625	84075	
Gorleston	497	40516	63021	31114	35501	07219	83625		
Aberporth	502	61307	48052	28915	00902	12213	86075		
Ross-on-Wye	627	80607	57026	30314	864//	12214	88712		
Filton	628	80607	61052	30215	854//	12315	81710	88620	
Rhoose	715	70613	40042	29514	763//	13311	82706	87707	
Chivenor	707	61306	40052	28616	15531	13306	81620	83362	85075
Mount Batten	827	60703	40052	28616	25602	14312	82630	86070	
St. Mawgan	817	50705	28052	28415	00902	14308	85075		
Scilly	804	60000	61011	28615	18502	13305	81820	86075	
Culdrose	809	30000	50051	28316	22408	14311	82818		
Guernsey	894	50210	24052	27515	16302	14313	81709	85075	
Elmdon	534	70605	66015	31513	755//	09315	87623		
Cardington	559	70407	64012	31213	755//	10318	82625	87630	
Wittering	462	70507	80022	31712	15501	08216	81625	87075	
Watnall	354	40607	61011	32211	35542	08314	83624		
Shawbury	414	51307	58042	31313	15630	09213	81630	85364	
Finningley	360	70804	66022	32411	00902	08212	87075		
Kilnsea	396	61012	66021	32213	11578	07214	81820	83360	86275
Leeming	257	71505	82022	32611	15708	07307	81650	87275	
Tynemouth	262	71415	74022	32312	2567/	08102	82630	87359	
Carlisle	222	70905	70022	31411	15632	08305	81645	84362	87070
Valley	302	50806	48042	29315	10932	13205	81362	85075	
Ringway	334	71005	59022	31313	10932	07106	81360	87075	
Squires Gate	318	71008	58042	31112	35742	10303	83650	85362	87075
Ronaldsway	204	81115	61012	29914	854//	11104	81715	85630	88645
Mull of Galloway	131	81618	70022	28713	856//	10504	88635		
Eskdalemuir	162	81502	69022	31711	856//	07303	88631		
Prestwick	135	81402	59042	30313	856//	09303	82634	88650	
Abbotsinch	140	81406	59042	30413	856//	09303	83630	88645	
Leuchars	171	81412	80032	31612	656/7	08503	86635	88275	
Dyce	091	61706	75012	31810	15531	07502	81623	84360	86070
Lerwick	005	41712	86011	31907	14532	02806	81620	83070	
Wick	075	71712	82022	29911	15672	06502	81630	86360	
Sule Skerry	010	71619	74022	28512	2557/	11706	82620	87360	
Cape Wrath	049	71402	85022	27812	4554/	08400	84625	87360	
Stornoway	026	81712	80022	27713	8097/	11501	86359	88460	
Benbecula	022	81816	63035	26913	853//	11301	83709	85614	88620
Tiree	100	81520	66032	27214	5532/	11604	81709	85635	88459
Aldergrove	917	81411	56045	28514	854//	12204	83710	88620	
Malin	980	81319	58102	26714	1643/	12501	81718	88359	
Belmullet	976	71609	75215	24515	754/2	14201	83716	86635	
Birr	965	71709	66216	27115	754//	13303	83715	87637	
Dublin	969	81507	16102	28215	853//	14304	82706	88625	
Shannon	962	71411	62016	26516	755//	14306	83622	86645	
Roches Point	952	71610	56106	27615	55278	14305	81705	85630	87270
Valentia	953	71515	70606	24716	764//	14000	86716	83635	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00191	001	ff	+
Hurn	862	00191	000	+	+
Thorney Island	871	00200	009	+	+
Manston	797	97180		$pr_0id_0r_0$	+
Gatwick	776	92190	010	fd_0pr_0	+
Kew	775	97180	011	r_0ir_0	+
Heathrow	772	97190	014	r_0d_0	+
Honington	586	97151		d_0	+
Wattisham	590	93151	001	$ir_0d_0r_0$	+
Gorleston	497	00160	030	+	+
Aberporth	502	00181	002	jf	+
Ross-on-Wye	627	97161	000	r_0	+
Filton	628	97171	000	id_0	+
Rhoose	715	00171	000	+	+
Chivenor	707	00181	003	+	+
Mount Batten	827	00190	050	+	+
St. Mawgan	817	00171	044	+	+
Scilly	804	00200	081	+	+
Culdrose	809	00190	063	+	+
Guernsey	894	00180	031	+	+
Elmdon	534	97140	000	$id_0-d_0r_0$	+
Cardington	559	94150	000	ir_0	+
Wittering	462	00150	000	+	+
Watnall	354	00141	000	+	+
Shawbury	414	97150	000	id_0	+
Finningley	360	00150	002	+	+
Kilnsea	396	00140	056	+	+
Leeming	257	00151	020	+	+
Tynemouth	262	00140	065	+	+
Carlisle	222	00151	004	+	+
Valley	302	00171	001	+	+
Ringway	334	00150	015	+	+
Squires Gate	318	00160	003	+	+
Ronaldsway	204	00151	000	+	+
Mull of Galloway	131	00141			
Eskdalemuir	162	00121	000	+	+
Prestwick	135	00140	000	+	+
Abbotsinch	140	00141	000	+	+
Leuchars	171	00141	023	+	+
Dyce	091	00121	045	+	+
Lerwick	005	00101	070	+	+
Wick	075	00121	048	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00151	028	+	+
Stornoway	026	00131	000	+	+
Benbecula	022	92141	000	id_0	ir_0id_0
Tiree	100	00141	002	+	+
Aldergrove	917	97151	000	d_0	+
Malin	980	9716	009		
Belmullet	976	0216	000		
Birr	965	9717	004		
Dublin	969	9717	000		
Shannon	962	0117	000		
Roches Point	952	9716	012		
Valentia	953	0417	000		

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

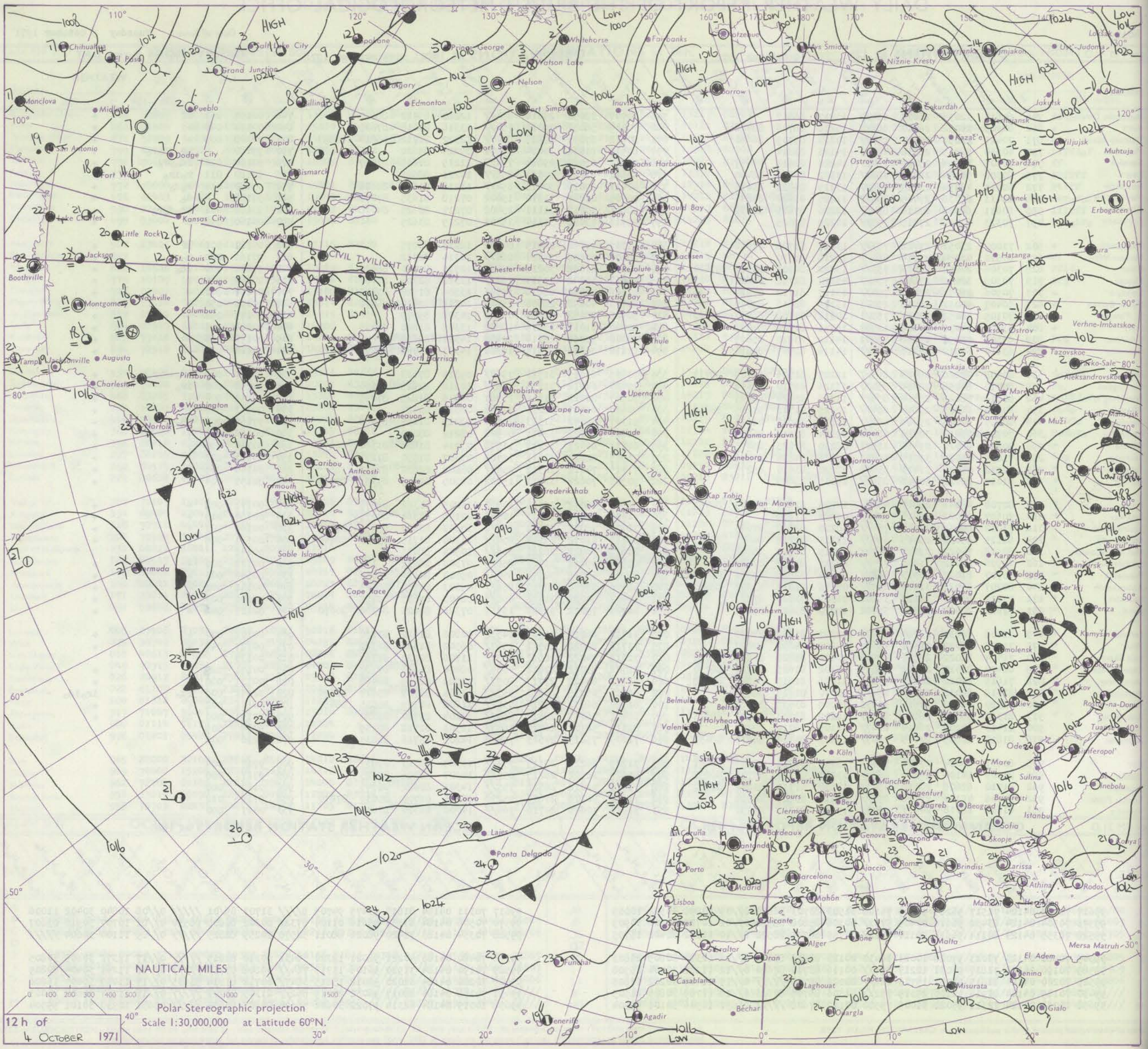
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70309	04124	71517	96285	95609	75100	31503	83703	86630	0//09	10896	30502	10005
B	99573	70504	04124	83432	96616	00405	5732/	00306	85808	88550	0//01	10722	30706	30909
C	99528	70355	04123	80114	96636	80110	6722/	00753	86704	88520	0//10	11092	30402	15705
D														
E	99349	70481	04123	73023	97028	10023	38430	00123	81815	83645	0//16	12334	30605	25803
I	99589	70190	04124	71817	97031	12213	754//	00116	83710	87620	0//12	11232	30404	15908
J	99525	70200	04124	81815	98031	15715	864//	00006	88715	/////	0//15	11489	30202	17805
K	99450	70159	04124	81916	96106	25319	752//	51306	85705	87623	0//18	11759	30805	21505
M	99658	10019	04124	72511	97022	31005	75500	00112	87628	/////	05851	10946	30101	99504

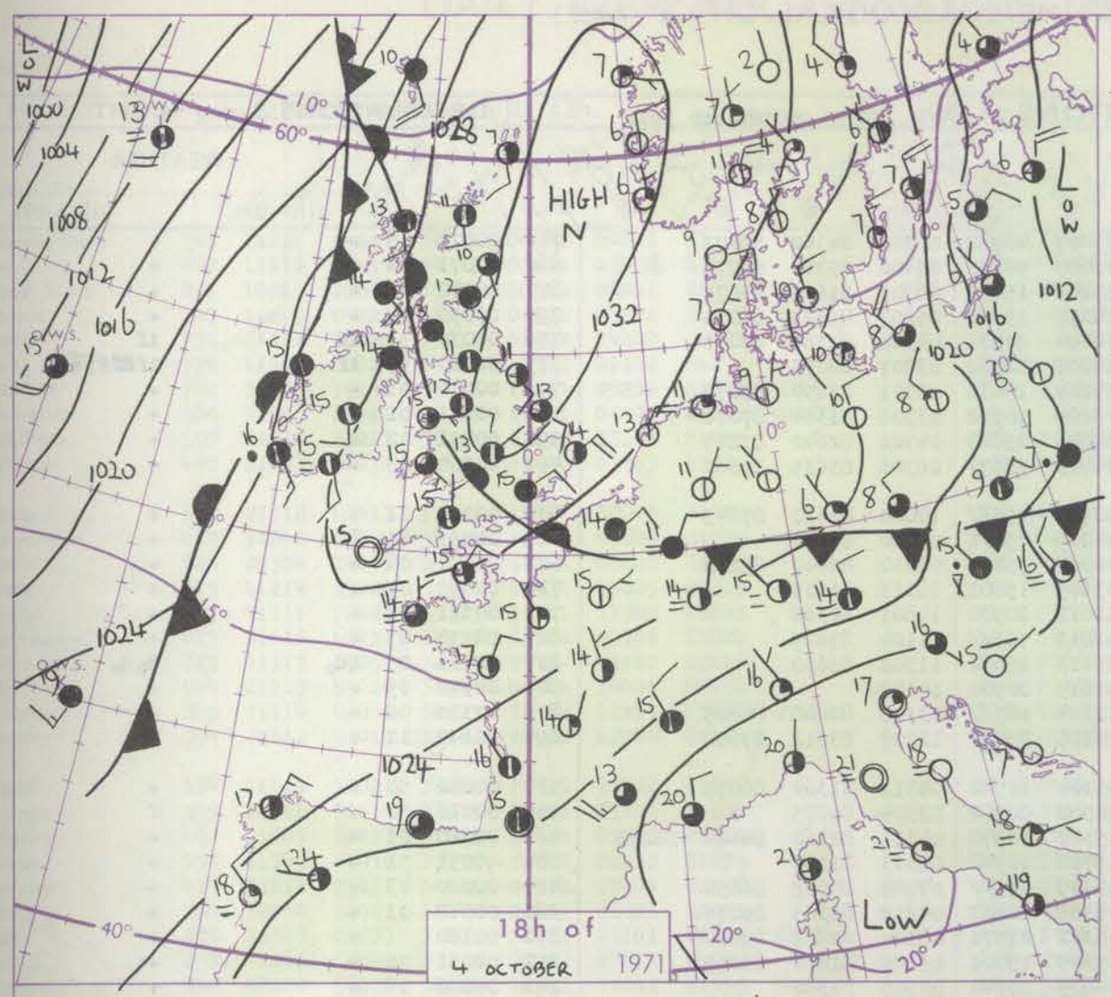
OCEAN WEATHER STATION REPORTS at 18h.

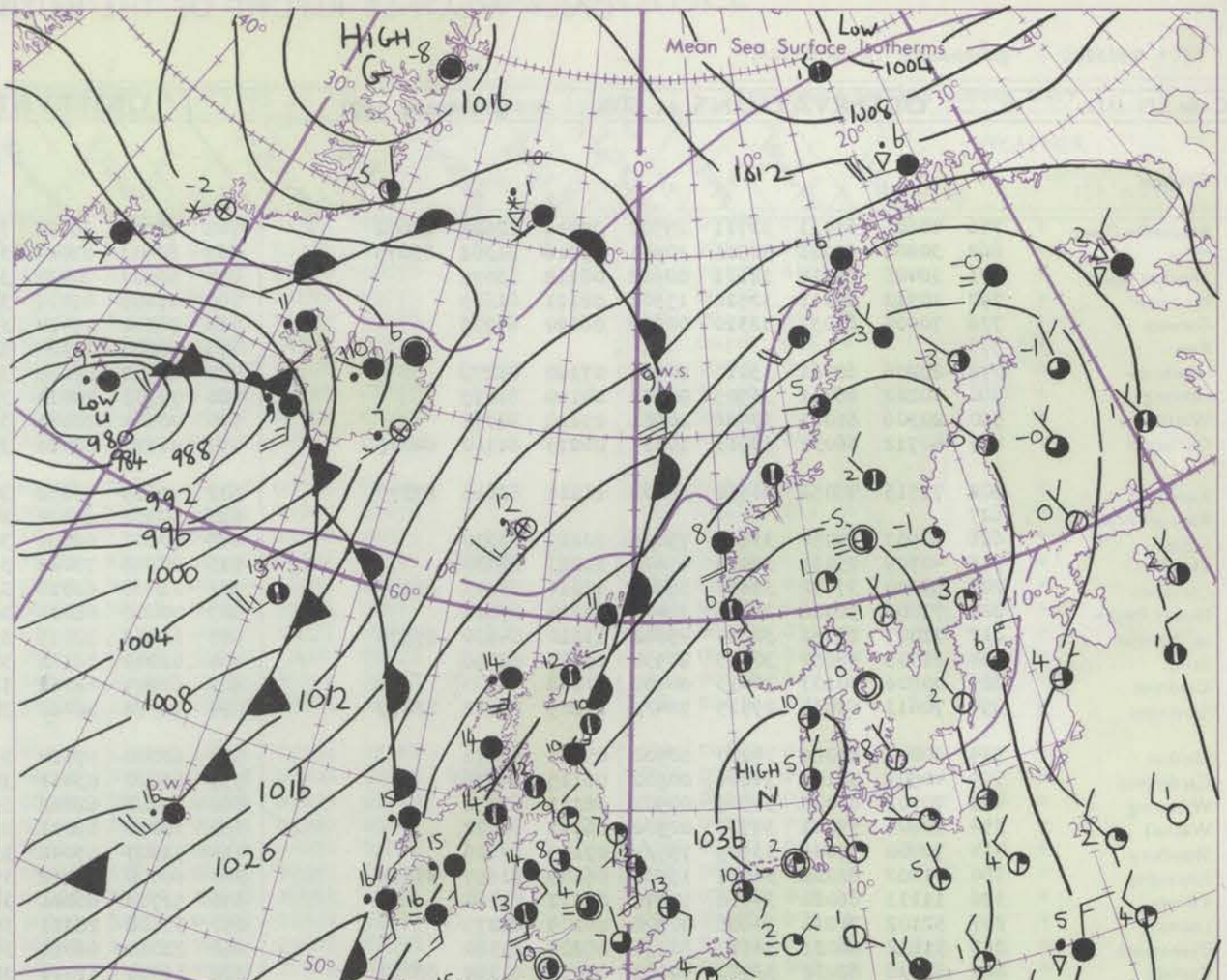
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70311	04184	81815	93475	94709	9////	31707	89/01	/////	0//08	10840	30402	11006
B	99570	70506	04184	83333	96616	01104	6732/	00302	86808	88550	0//01	10707	30910	03807
C	99528	70354	04183	72420	98026	88011	52570	00259	82825	/////	0//09	11100	30604	/////
D														
E	99348	70480	04183	40221	98021	12320	38431	00310	82815	/////	0//17	12372	30605	30805
I	99589	70190	04184	71920	96106	11713	764//	00808	87710	/////	0//12	11261	30404	20809
J	99525	70200	04184	62020	98012	13815	3847/	00712	81816	83635	0//14	11449	30404	16806
K	99451	70158	04184	82017	96032	25019	862//	21305	88703	/////	0//18	11767	30804	25005
M	99658	10019	04184	62314	97022	30606	55604	00805	85634	/////	05651	10933	30101	99504

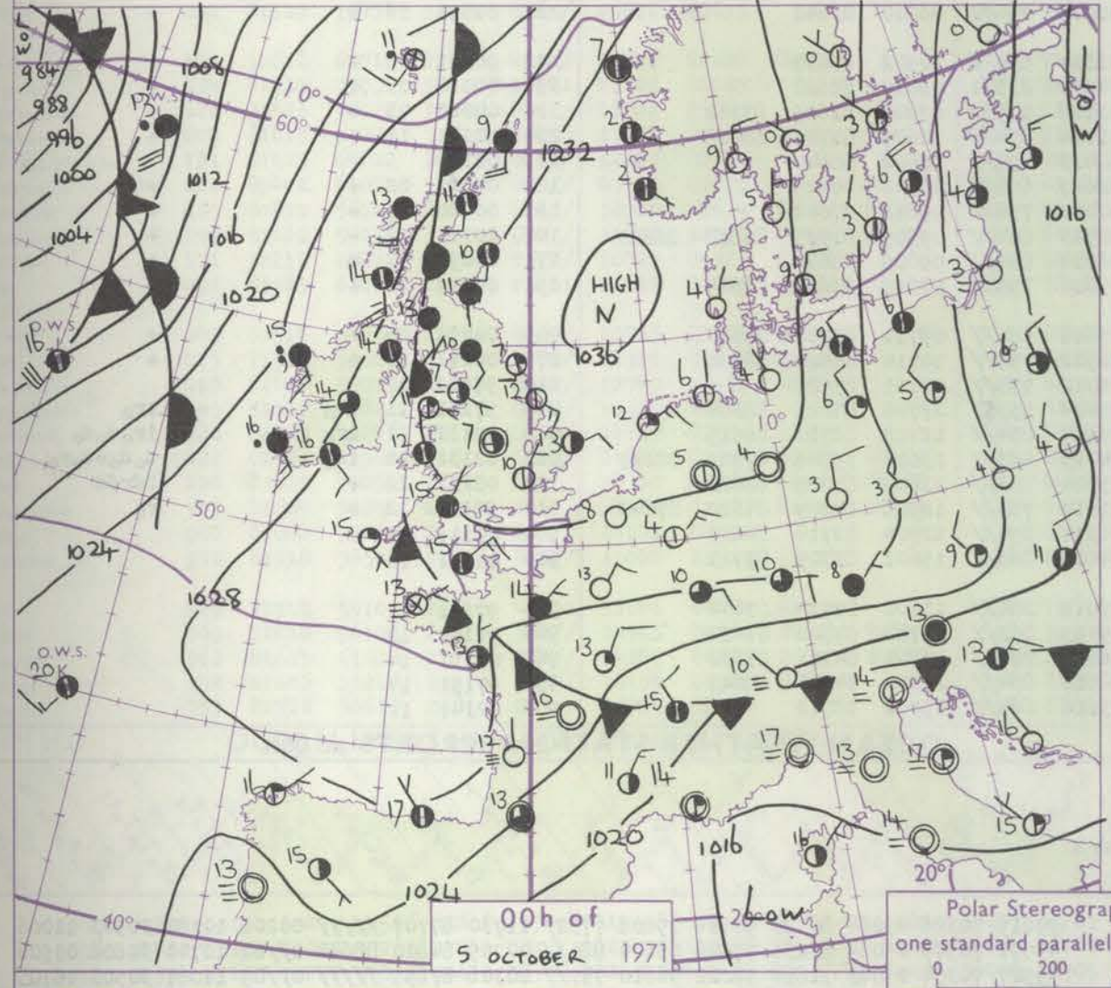
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 Tuesday 5 October 1971

Phe cold front lying across northern Europe and England has made steady progress northward as the anticyclone to the northeast of Scotland intensified and moved southeast to the southern North Sea. A large complex depression in mid-Atlantic has maintained a strong southwesterly flow to the west of the British Isles with troughs in the flow affecting Ireland and western districts of Scotland. During the next 24 hours the moist southwesterly flow is expected to make further eastward progression across the British Isles as the anticyclone moves southeastwards into central Europe.

Code FM 11.D

OBSERVATIONS at 00h. 5 October 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	40606	61011	32711	25502	09216	82622	83072	
Hurn	862	30205	62011	32511	10931	09216	81362	83075	
Thorney Island	871	30408	69011	32111	00902	08112	83075		
Manston	797	10712	87011	32512	15501	08111	81625		
Gatwick	776	70204	65031	32310	00908	08110	87275		
Kew	775								
Heathrow	772	20206	60011	33010	00908	07110	82278		
Honington	586	10202	66011	33905	00902	04110	81075		
Wattisham	590	20306	66021	33906	00901	05110	82075		
Gorleston	497	40712	66030	33913	10931	06215	81360	84075	
Aberporth	502	71515	48051	30912	25408	11111	82615	87275	
Ross-on-Wye	627								
Filton	628	70905	62052	33113	756//	10215	87630		
Rhoose	715	40709	75011	32413	45600	11213	84630		
Chivenor	707	80000	37052	31613	55607	12216	85645	88275	
Mount Batten	827	71006	56022	31116	754//	14214	87616		
St. Mawgan	817	71007	23052	30814	45602	13210	84630	87075	
Scilly	804	21305	48051	30215	20930	13107	82358		
Culdrose	809	00806	40101	30413	00900	13208			
Guernsey	894	70613	63032	29715	784//	13209	85812	87619	
Elmdon	534	50000	62022	34207	00902	05215	85075		
Cardington	559	40504	58101	34206	00902	06115	84075		
Wittering	462	70702	66032	34509	00908	06113	87272		
Watnall	354	50606	59011	34707	00902	06111	85072		
Shawbury	414	70000	57042	33909	755//	07115	87626		
Finningley	360	71802	82022	34707	15808	06109	81657	87275	
Kilnsea	396	11113	66020	34512	10970	07212	81360		
Leeming	257	52102	74012	34808	00908	06109	85275		
Tynemouth	262	31812	66021	34110	30930	08208	83360		
Carlisle	222	81408	62032	32910	40932	07006	84362	88070	
Valley	302	30907	56041	31311	35600	10007	83645		
Ringway	334	40000	70011	34210	20938	07215	82360	83275	
Squires Gate	318	51007	50102	33807	20932	06113	82362	83075	
Ronaldsway	204	81314	62042	31114	855//	11001	81622	85628	88645
Mull of Galloway	131	81814	63022	29813	856//	11806	88640		
Eskdalemuir	162	80000	62022	33409	855//	06004	88621		
Prestwick	135	81609	61022	30913	856//	08803	81635	88642	
Abbotsinch	140	80606	59042	31612	856//	09101	84632	88640	
Leuchars	171	81802	66022	32511	856//	07001	88635		
Dyce	091	71912	84022	32110	655/2	07806	83626	85645	87072
Lerwick	005	81818	82031	30609	855//	06810	88625		
Wick	075	71909	80022	29311	755//	09804	81625	87630	
Sule Skerry	010	81802	66022	28012	855//	12707	88620		
Cape Wrath	049	81805	83606	27713	855//	11702	88625		
Stornoway	026	81918	66022	27313	855//	11705	88620		
Benbecula	022	81720	65026	26413	854//	12809	86613	88620	
Tiree	100	71623	62012	27414	754//	12604	83617	87650	
Aldergrove	917	71411	40042	29014	754//	13805	84712	87624	
Malin	980	71607	58102	27515	756//	12003	87635		
Belmullet	976	81513	30586	24715	861//	15101	85702	88706	
Birr	965	61610	59102	28214	556/2	13002	85638	83070	
Dublin	969	81610	26102	29515	862//	14602	83703	85708	88625
Shannon	962	71314	65016	27116	754//	15002	81712	85638	85656
Roches Point	952	71410	60102	28616	4547/	15005	81714	84634	87359
Valentia	953	81514	65615	25916	864//	15006	88714		

OBSERVATIONS at 06h. 5 October 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	70909	59031	33407	40932	06301	84360	86072	
862	60403	65021	33007	50931	07400	85360	83075	
871	50507	70031	33208	15632	06303	81630	85075	
797	61109	85031	34210	15501	05207	81625	86075	
776	70302	09414	34004	20931	04304	82365	87075	
775	60000	01424	34003	00902	03207	86075		
772	63402	58031	34207	15636	05301	81630	85278	
586	70303	74011	35104	10932	03306	81364	87078	
590	70604	70031	34806	25608	04302	82640	87275	
497	51110	62011	34713	3567/	06306	83635	85360	
502	71619	48052	30913	755//	10000	82620	87645	
627	70902	60022	34209	756/1	09210	87630		
628	70105	62051	34308	25638	06210	82640	85272	
715	20506	70021	33609	15601	08313	81635		
707	21008	62011	31812	20930	10801	82368		
827	70808	62031	31813	755//	11104	87629		
817	61212	58015	31413	65602	11302	86630		
804	01209	16101	30615	00900	14102			
809	60905	62051	31314	685//	13305	82820	84625	
894	70712	56022	30115	754//	12707	83612	87618	
534	60000	57112	35104	10942	04311	81364	86075	
559	60000	03461	34902	00902	02304	86075		
462	70102	62022	35307	50978	04311	82362	84464	86270
354	30000	59011	35706	10948	05313	81362		
414	71307	57042	33609	755//	07004	84628	86650	
360	60000	74112	35305	10932	04212	81365	86075	
396	51713	66021	35212	21571	08304	82825	85360	
257	31802	28111	35305	15701	05109	81650	83075	
262	22010	66021	34609	20940	07305	82360		
222	31411	61011	32009	25672	06810	82640		
302	81309	61031	31314	854//	12602	88617		
334	41205	70031	34209	25531	05010	82620		
318	51111	50041	33108	15532	07805	81625	83362	
204	81309	58042	31114	854//	12605	81711	88618	
131	81809	66022	30013	856//	12502	88640		
162	70000	37052	32607	655/2	06808	86625		
135	71512	60022	30012	756/1	09612	87642		
140	80000	62022	30513	854//	09509	81715	86618	88625
171	81402	62032	30810	857//	09809	88650		
091	71814	82022	29610	7553/	08818	85628	86645	
005	81911	74022	27611	850//	09711	83701	88620	
075	71908	62052	26912	755//	10714	84620	86630	
010	71609	66012	26012	755//	12711	87620		
049	81802	66026	25414	5555/	09706	85625	88360	
026	81925	62606	25114	854//	12712	82710	88615	
022	81821	40635	24713	853//	13610	85706	87709	88615
100	81621	58042	25914	853//	13609	85709	88623	
917	71610	40042	29014	753//	12506	82709	84620	87640
980	81818	58106	26314	854//	12504	83714	88630	
976	81611	66506	24615	863//	15601	83709	87713	
965	81707	58505	27915	864//	13500	85714	87636	
969	81409	45101	29015	863//	13708	84706	87650	
962	71314	64606	26616	774//	14704	84711	87630	
952	81614	57106	28516	864//	15500	84710	88643	
953	81617	62636	25116	864//	15502	88712		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00071	05	+	+
862	00071	04	+	+
871	00070	03	+	+
797	00090	06	+	+
776	00030	51	1f	1f
775	00020	53	1f	1f [illegible] FFf
772	00070	01	+	+
586	00041	01	+	+
590	00051	02	+	+
497	00130	08	+	+
502	00111	11	+	+
627	00091	11	+	+
628	00081	04	+	+
715	00091	07	+	+
707	00111	09	+	+
827	00130	07	+	+
817	92131	09	1d_o	$d_o d_o$
804	00140	09	+	+
809	00130	08	+	+
894	00140	12	+	+
534	00040	50	+	+
559	00010	52	+	f
462	00060	01	+	+
354	97051	51	+	+
414	00080	03	+	+
360	00040	01	+	+
396	00100		+	+
257	00051	00	+	+
262	00080	05	+	+
222	00091	06	+	+
302	00101	08	+	+
334	00080	05	+	+
318	00060	03	+	+
204	00131	11	+	+
131	00130			
162	00051	02	+	+
135	00120	11	+	+
140	00111	10	+	+
171	00091	07	+	+
091	00091	08	+	+
005	00091	05	+	+
075	00111	10	+	+
010	97121	07		
049	97131	11	ir_o	ir_o
026	95131	11	ir_o	$ir_o d_o d_o$
022	02131	12	id_o	$d_o d_o r d_o r_o$
100	03131	12	+	Ddrdd
917	97131	12	+	r_o
980	01131	11		
976	01151	14		
965	97131	12		
969	97141	12		
962	01151	14		
952	97151	14		
953	12141	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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70320	05004	80819	96615	89008	853//	11845	82707	88620	0//08	10817	30402	11006
B	99568	70504	05004	83228	98028	03904	884//	00218	84812	88635	0//00	10694	30808	03906
C	99529	70356	05003	62120	98032	95010	60870	00230	86357	/////	0//08	11078	30604	/////
D														
E	99350	70480	05003	70218	98021	17320	38470	00125	81815	86358	0//11	12320	30604	30804
I	99591	70190	05004	81730	97615	07513	873//	00827	83706	88709	0//12	11362	30606	20809
J	99527	70201	05004	72030	97022	13416	1637/	41303	81706	87360	0//15	11450	30506	18008
K	99450	70158	05004	72114	97022	26619	753//	00201	84708	87625	0//18	11756	30804	25004
M	99659	10020	05004	72024	97022	26707	6557/	00721	86632	/////	05303	10959	30406	/////

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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70326	05064	80320	97616	79808	7732/	11730	87707	/////	00208	10787	30503	11006
B	99571	70509	05064	83231	97808	05604	884//	00309	84810	88640	0//02	10700	30808	03906
C	99527	70354	05063	71814	98022	96610	757//	00306	87655	/////	0//09	11087	30503	16705
D	99424	70388	05064	53212	98012	12215	58500	73218	82825	/////	0//06	11966	30402	28806
E	99350	70480	05063	53508	98031	18919	21530	00105	82820	83359	0//10	12328	30301	30803
I	99591	70190	05064	72123	97036	04712	4543/	41308	81712	84625	0//12	11259	30605	17911
J	99525	70199	05064	82126	95616	14115	853//	41210	84708	88625	0//15	11477	30707	99/10
K	99451	70157	05064	82012	96012	26618	762//	00305	85705	87625	0//18	11753	30803	25004
M	99660	10022	05064	81830	96616	19708	6742/	00742	86714	/////	05107	10927	30506	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40130

Date of Issue Wednesday 6 October 1971

OBSERVATIONS at 12h. — 5 October 1971

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	11210	74011	34614	00902	04801	81080		
Hurn	862	11110	76011	34915	00901	06004	81070		
Thorney Island	871	10913	80021	35015	00902	06001	81070		
Manston	797	11009	85021	36314	00901	05502	81075		
Gatwick	776	21111	75024	35615	00902	04102	82075		
Kew	775	11306	80024	35815	00902	01102	81077		
Heathrow	772	31309	75031	35916	10931	03201	81365	83080	
Honington	586	31509	83011	36415	14601	05107	81835	83080	
Wattisham	590	21410	83021	36414	11502	03103	81825		
Gorleston	497	31413	62011	37013	35600	07203	83635		
Aberporth	502	21718	66011	32715	11501	10005	81825		
Ross-on-Wye	627	11208	66020	34515	11601	09804	81830		
Filton	628	20704	74011	34815	11601	08803	81835		
Rhoose	715	11214	67020	33915	11431	10805	81818		
Chivenor	707	41311	72020	33117	31531	11802	83825		
Mount Batten	827	31013	62011	32916	38500	10706	83820		
St. Mawgan	817	71317	59051	32515	754//	11102	87616		
Scilly	804	21215	59020	31717	00901	14001	82078		
Culdrose	809	71114	62051	32117	784//	12205	83818	87628	
Guernsey	894	20612	75011	32316	10932	12006	81362		
Elmdon	534	11610	70021	35615	11501	07002	81828		
Cardington	559	11306	70014	36215	11601	07105	81830		
Wittering	462	21408	83011	36015	24601	07003	82630		
Watnall	354	11709	81010	35716	11642	08103	81835		
Shawbury	414	31812	75031	34315	00902	07804	83076		
Finningley	360	22010	82011	35416	00901	08804	82075		
Kilnsea	396	31813	66031	36015	11531	08101	81820	83075	
Leeming	257	41915	56040	33915	00902	07811	84075		
Tynemouth	262	42020	58020	32814	10941	06812	81359	84075	
Carlisle	222	81510	75031	32214	856//	09806	88635		
Valley	302	51818	62012	32216	45502	12801	82620	84650	
Ringway	334	21610	75031	34115	11501	07806	81825		
Squires Gate	318	71613	68022	33515	756//	10891	87645		
Ronaldsway	204	61813	59042	31715	16438	13804	81710	86275	
Mull of Galloway	131	81425	64022	30115	8092/	12603	88460		
Eskdalemuir	162	81402	61022	32211	855//	09707	88629		
Prestwick	135	81810	56042	30215	854//	12709	82614	86616	88642
Abbotsinch	140	81610	56042	30014	854//	11709	82712	87616	88640
Leuchars	171	72212	60012	30716	755//	10707	84621	86650	
Dyce	091	61915	62052	29214	25631	10608	81635	85072	
Lerwick	005	81914	56052	25611	852//	10715	83705	88635	
Wick	075	71905	59602	25914	6567/	11710	86640	87460	
Sule Skerry	010	81809	58026	24613	854//	12709	83710	88615	
Cape Wrath	049	81418	66022	23015	855//	11716	88625		
Stornoway	026	82025	45206	24014	863//	14709	87706	88709	
Benbecula	022	81922	27586	23815	862//	14802	83704	85705	88709
Tiree	100	81819	45056	26115	852//	14702	83705	86709	88618
Aldergrove	917	81814	30046	28717	6637/	13804	81707	86715	88460
Malin	980	81820	75022	26516	864//	14801	88715		
Belmullet	976	81718	56505	24816	863//	15000	85707	88713	
Birr	965	71718	59105	28218	45602	13801	84640	87070	
Dublin	969	71810	56102	29717	784//	14703	84715	84821	86645
Shannon	962	81615	61608	27717	874//	14207	84712	85715	87625
Roches Point	952	81616	15216	29716	863//	14101	86707	88630	
Valentia	953	81716	30636	26616	863//	16207	88706		

OBSERVATIONS at 18h. — 5 October 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	61407	77031	33410	10931	03501	81362	86080	
Hurn	862	41105	75020	33312	00901	05501	84075		
Thorney Island	871	20805	79020	33712	00901	07504	82075		
Manston	797	20909	80030	34711	00902	05503	82075		
Gatwick	776	51401	70031	34210	00901	05502	85078		
Kew	775	31005	74020	34312	00901	04303	83075		
Heathrow	772	51006	65011	34014	00902	04500	85080		
Honington	586	61203	82021	35311	00902	05302	86078		
Wattisham	590	31105	75020	35310	00902	05302	83080		
Gorleston	497	51210	62021	35713	00901	06400	85075		
Aberporth	502	41607	62030	31613	00902	09303	84075		
Ross-on-Wye	627	31405	70020	33113	00901	07307	83075		
Filton	628	40000	66020	33513	00901	05302	84075		
Rhoose	715	71107	70031	32713	10931	07301	81362	87070	
Chivenor	707	21506	74030	32314	00902	08301	82075		
Mount Batten	827	31007	70030	32313	00901	09303	83075		
St. Mawgan	817	31308	69031	32012	00902	10301	83075		
Scilly	804	61209	24051	31214	65500	12602	86625		
Culdrose	809	41005	64051	31612	35531	10101	83620	84072	
Guernsey	894	10709	75020	31313	00902	07501	81075		
Elmdon	534	21302	61011	33711	10931	07501	81362		
Cardington	559	31109	64020	34409	00902	04302	82075	83080	
Wittering	462	11305	82020	34512	00901	05303	81075		
Watnall	354	51502	48041	34111	00901	07500	85080		
Shawbury	414	51604	69021	32713	00902	06604	85075		
Finningley	360	21705	59040	33711	00901	07503	82075		
Kilnsea	396	31815	66020	34314	30970	09502	83360		
Leeming	257	21608	56041	32813	00901	08502	82075		
Tynemouth	262	72113	48042	31615	7097/	10606	87358		
Carlisle	222	51610	58012	31214	45601	10704	84630		
Valley	302	71917	69031	31215	55702	12502	85650	87075	
Ringway	334	51505	62011	32714	00902	06504	85075		
Squires Gate	318	71511	58042	31914	00901	10504	87075		
Ronaldsway	204	71812	63032	30715	55402	12605	81713	85645	87075
Mull of Galloway	131	81830	63022	28014	857//	11708	88650		
Eskdalemuir	162	81906	58052	30712	853//	11505	84709	88627	
Prestwick	135	81910	59502	28614	854//	12708	83711	86616	88640
Abbotsinch	140	81911	40586	28214	853//	13608	82709	85714	88635
Leuchars	171	82213	56042	28615	854//	11610	87617	88650	
Dyce	091	72113	43051	27713	664/2	11706	86713		
Lerwick	005	82113	40606	22912	853//	11713	86708	88630	
Wick	075	72007	63056	24214	15648	12606	81640	83360	87270
Sule Skerry	010	82319	58022	22314	5542/	14709	85612	88460	
Cape Wrath	049	81422	66022	21514	855//	12708	88625		
Stornoway	026	82022	30505	22714	862//	14507	86704	88709	
Benbecula	022	82021	40506	22414	852//	14509	84704	86707	88615
Tiree	100	81916	32516	24114	862//	14610	88703		
Aldergrove	917	81813	50046	27515	854//	13707	82712	83620	88640
Malin	980	81923	50215	24716	6642/	14609	86713	88458	
Belmullet	976	81915	56505	24016	862//	15502	85704	88707	
Birr	965	71812	58102	27916	754//	14505	83715	87639	
Dublin	969	71706	58106	29115	55632	12706	85640	84360	85070
Shannon	962	81615	35106	26816	864//	15506	83713	85718	88630
Roches Point	952	81716	35102	29116	863//	15504	88708		
Valentia	953	81813	30505	26316	863//	16501	88706		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00161	097	+	+
Hurn	862	00160	090	+	+
Thorney Island	871	00170	088	+	+
Manston	797	00150		+	+
Gatwick	776	00161	091	+	+
Kew	775	00160	088	+	+
Heathrow	772	00180	090	+	+
Honington	586	00160		+	+
Wattisham	590	00151	089	+	+
Gorleston	497	00150	095	+	+
Aberporth	502	00161	075	+	+
Ross-on-Wye	627	00170	101	+	+
Filton	628	00171	098	+	+
Rhoose	715	00161	095	+	+
Chivenor	707	00181	099	+	+
Mount Batten	827	00170	080	+	+
St. Mawgan	817	00170	051	+	+
Scilly	804	00180	069	+	+
Culdrose	809	00170	027	+	+
Guernsey	894	00170	070	+	+
Elmdon	534	00160	091	+	+
Cardington	559	00170	091	+	+
Wittering	462	00160	098	+	+
Watnall	354	00171	094	+	+
Shawbury	414	00170	091	+	+
Finningley	360	00170	092	+	+
Kilnsea	396	00160	088	+	+
Leeming	257	00170	079	+	+
Tynemouth	262	00160	070	+	+
Carlisle	222	00161	002	+	+
Valley	302	00170	025	+	+
Ringway	334	00170	090	+	+
Squires Gate	318	00170	019	+	+
Ronaldsway	204	00161	027	+	+
Mull of Galloway	131	00150			
Eskdalemuir	162	97131	000	+	d_o
Prestwick	135	94161	000	+	id_oir_o
Abbotsinch	140	91161	000	+	$ir_od_or_od_or_o$
Leuchars	171	00161	002	+	+
Dyce	091	00151	035	+	+
Lerwick	005	91131	000	ir_oid_o	r_or_o
Wick	075	97151	000	ir_o	+
Sule Skerry	010	00140			
Cape Wrath	049	00151	000	+	+
Stornoway	026	97151	000	$id_od_od_o$	d_oid_o
Benbecula	022	93151	000	$d_or_oid_oir_o$	$id_od_od_o$
Tiree	100	03151	000	$d_or_oir_o$	$d_or_odrdddd_od_o$
Aldergrove	917	95181	000	r_o	r_od_o
Malin	980	9717	000		
Belmullet	976	9718	000		
Birr	965	9118	007		
Dublin	969	9718	003		
Shannon	962	0117	000		
Roches Point	952	9717	001		
Valentia	953	1816	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

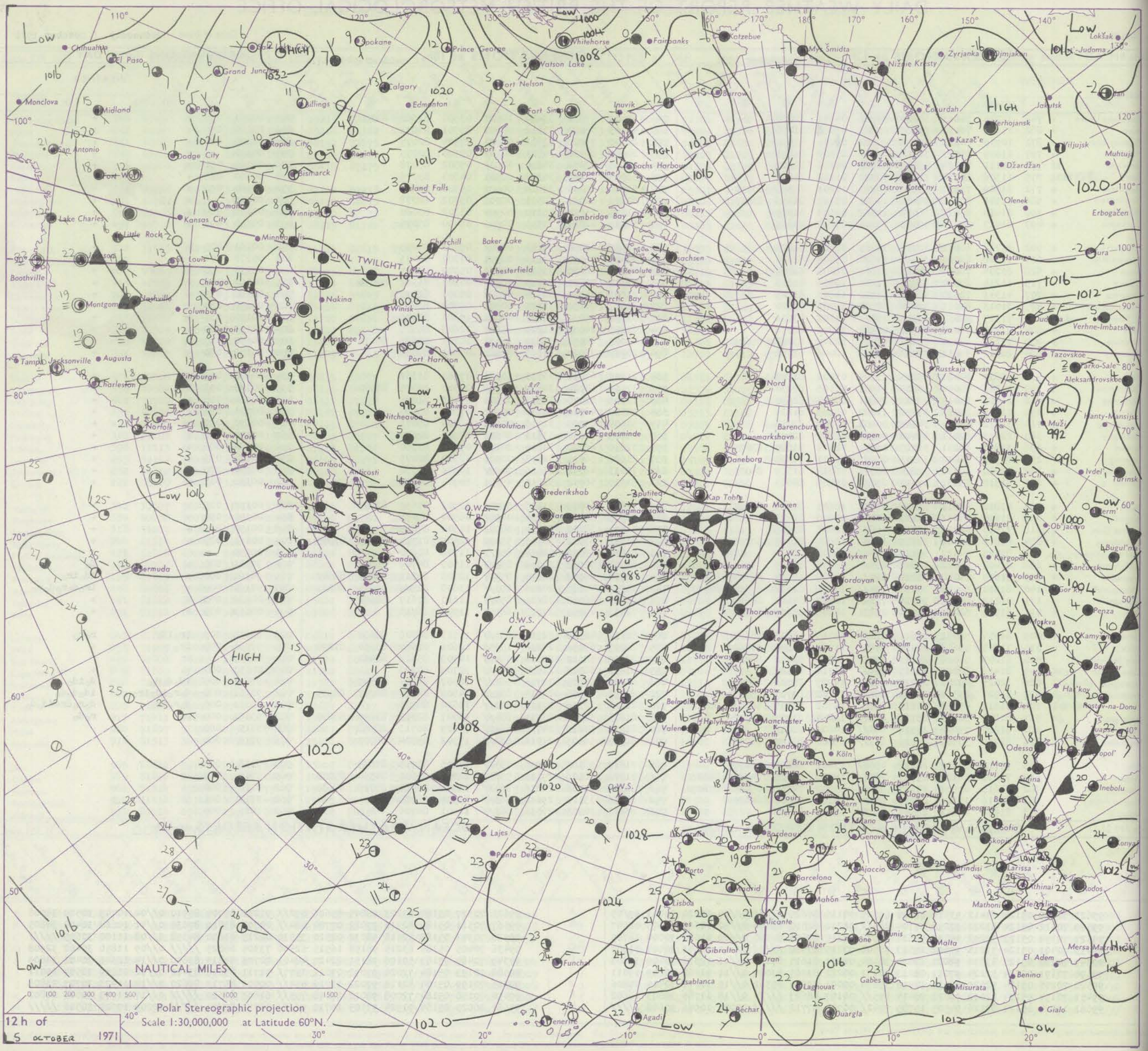
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70325	05124	63412	93516	82208	65500	00115	86625	/////	0//07	10820	30201	99/05
B	99569	70512	05124	83220	97256	07704	884//	00210	82810	88630	0//50	10660	30605	01007
C	99527	70354	05123	72202	98012	99611	33572	00218	83650	84360	0//09	11073	30000	18705
D	99433	70401	05124	73211	97808	15513	73500	73215	87920	/////	0//11	11843	30401	31907
E	99349	70480	05123	83310	98021	22020	38404	00221	81815	870//	0//11	12338	30402	30803
I	99590	70191	05124	52124	97011	08113	30931	00222	83365	83080	0//11	11262	30605	19011
J	99523	70200	05124	52020	96016	14916	35670	00001	83630	85362	0//15	11476	30404	20806
K	99451	70154	05124	82012	98022	28419	855//	00107	88623	/////	0//18	11765	30803	16602
M	99661	10024	05124	82126	94505	15709	7742/	00718	87712	/////	00009	10966	30608	/////

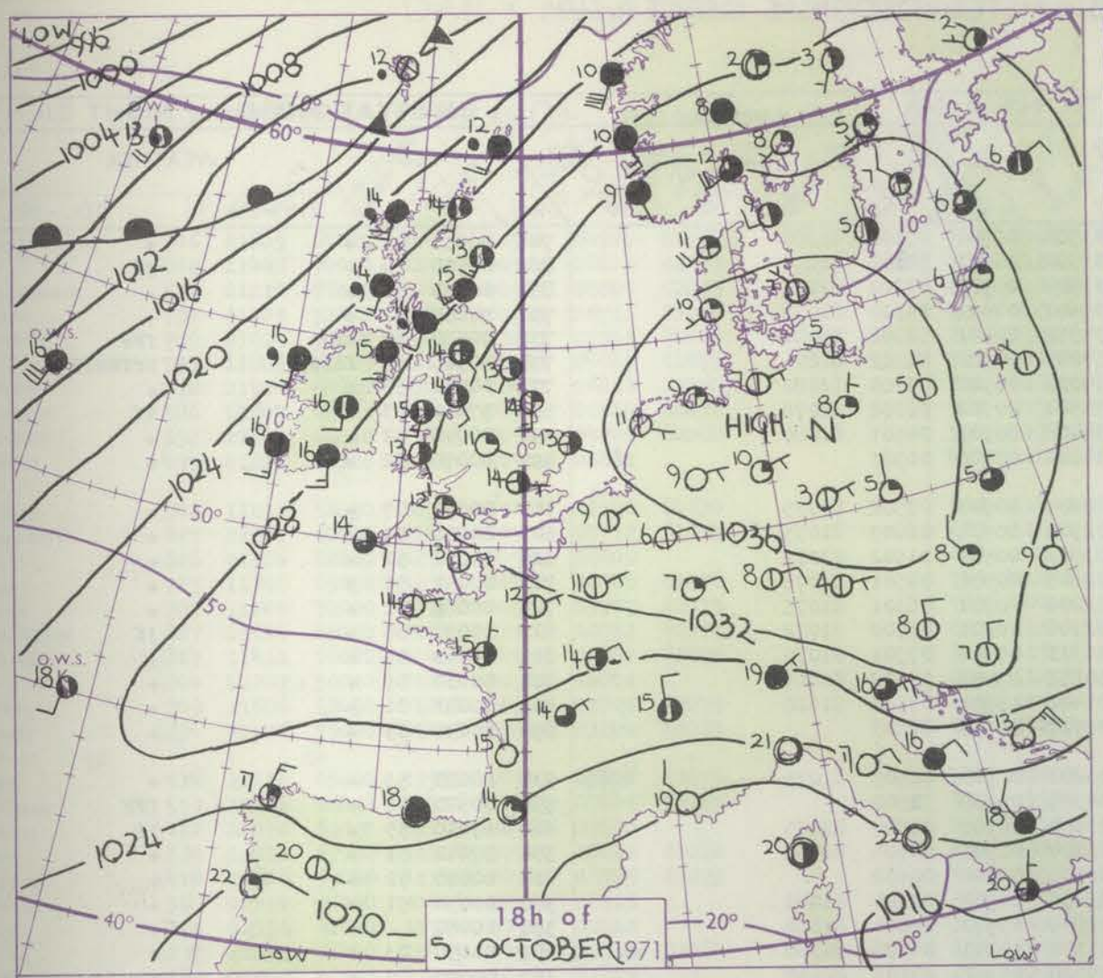
OCEAN WEATHER STATION REPORTS at 18h.

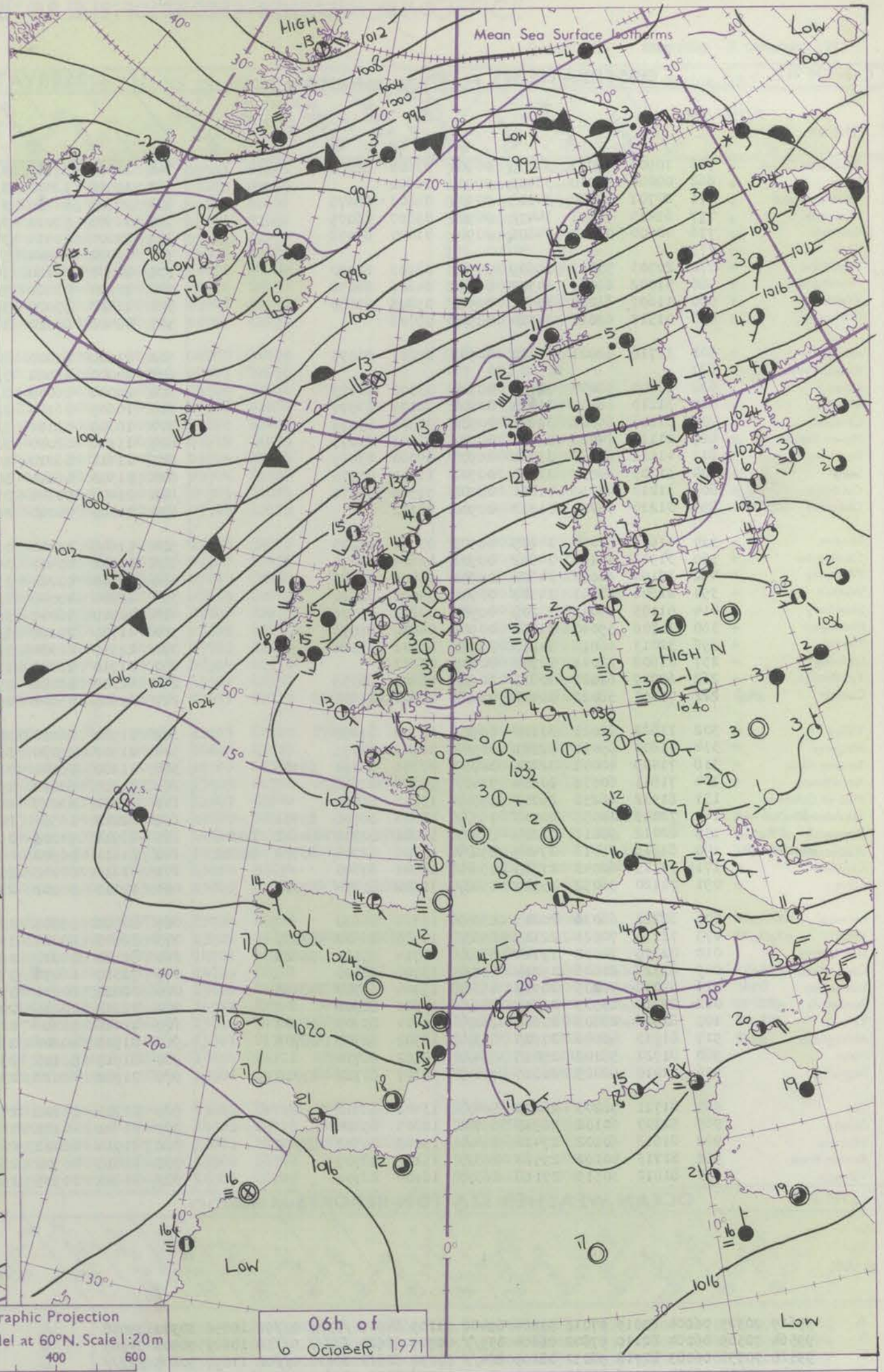
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70327	05184	83223	95805	85606	892//	71222	85704	85910	0//04	10743	30504	34008
B	99567	70511	05184	82711	97022	07704	884//	00703	83810	87630	0//51	10668	30402	34805
C	99528	70343	05183	72518	98032	02510	35530	00215	83630	84358	0//08	11100	30605	/////
D	99436	70405	05184	63215	98158	16515	62500	73305	86825	/////	0//09	11850	30402	32908
E	99349	70480	05183	50106	98151	22420	48401	00705	81815	83650	0//14	12341	30401	34803
I	99588	70193	05184	72020	97032	07012	3577/	51711	83656	83460	0//12	11259	30504	20011
J	99525	70199	05184	82128	97022	13716	854//	00501	85712	88620	0//14	11473	30707	23808
K	99450	70158	05184	72008	98012	27118	755//	61603	87620	/////	0//17	11773	30000	21802
M	99661	10025	05184	91924	93505	10710	9////	00731	89/04	/////	00209	10920	30506	/////

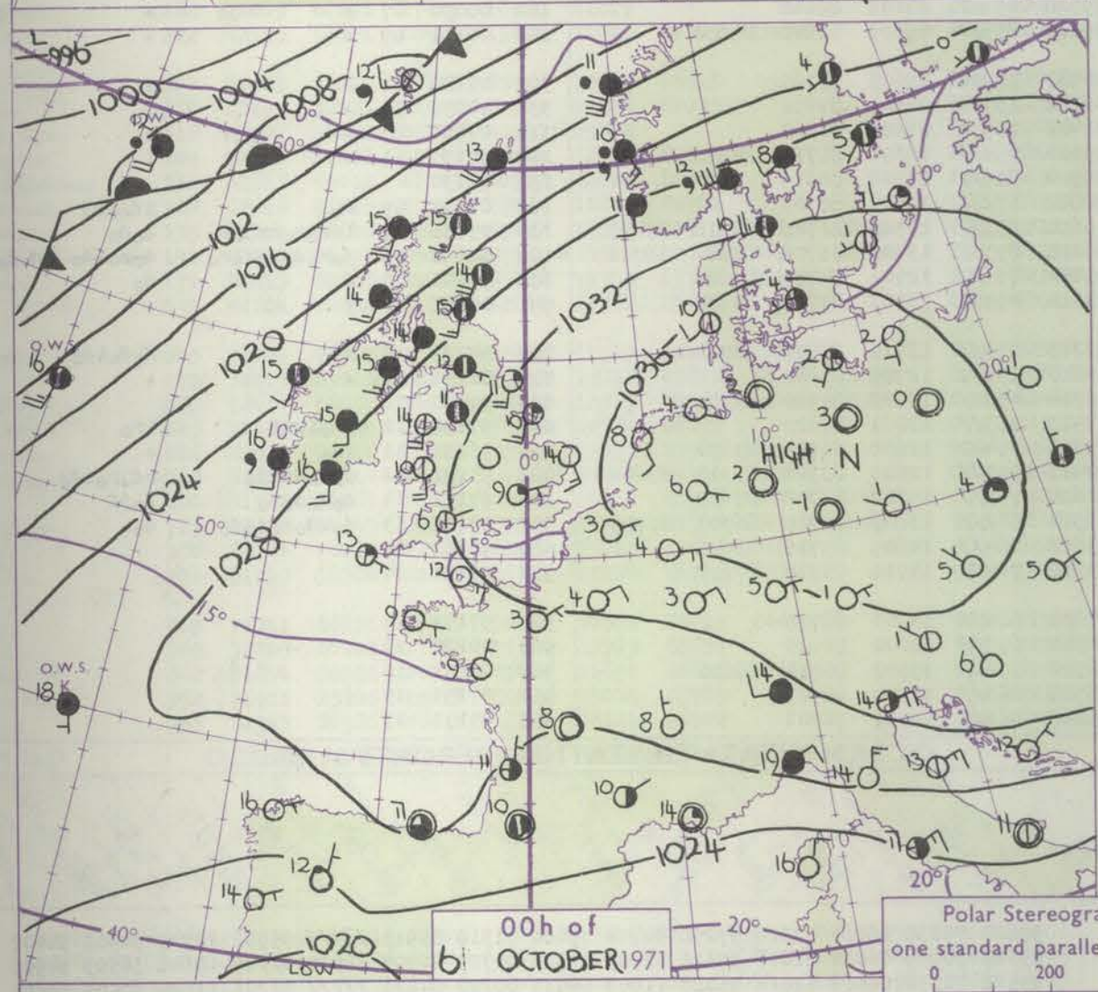
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Issued at midday Wednesday 6 October 1971

GENERAL SYNOPTIC DEVELOPMENT

The anticyclone over northwest Germany has moved slowly southeast into southern Germany, maintaining a ridge over England and Wales. A deep depression off southeast Iceland has become slow-moving in that area and is now filling quickly. A cold front, stretching from O.W.S. 'J' to the Faeroes, has waves running northeastwards along it, affecting northern parts of Scotland. During the next 24 hours the European high is expected to move a little south or southwest and the orientation of the Atlantic front west of Scotland will remain unchanged.

Code FM 11.D

OBSERVATIONS at 00h. 6 October 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	10909	59051	34105	00901	03802	81080		
Hurn	862	00000	58010	33703	00900	02602			
Thorney Island	871	20707	59030	34109	00901	06801	82075		
Manston	797	61415	72031	34412	00901	05807	86075		
Gatwick	776	40000	03414	34801	00901	01000	84078		
Kew	775								
Heathrow	772	20703	57011	34609	00901	05803	82080		
Honington	586	41002	66011	34707	00902	04606	84078		
Wattisham	590	11607	66020	34907	00901	05808	81080		
Gorleston	497	01517	62011	34714	00900	08706			
Aberporth	502	11718	62021	31410	00901	07001	81075		
Ross-on-Wye	627								
Filton	628	10000	56040	34306	00901	03302	81075		
Rhoose	715	31210	68031	33510	00901	06103	83075		
Chivenor	707	31208	69021	32609	00901	07502	83075		
Mount Batten	827	11110	74020	32410	00901	08101	81075		
St. Mawgan	817	41112	62030	31711	00905	09000	83075		
Scilly	804	31203	66031	31513	00901	11500	83075		
Culdrose	809	31210	64050	31811	00902	09500	83072		
Guernsey	894	01214	70020	31912	00900	05102			
Elmdon	534	11603	57050	34205	00901	03001	81075		
Cardington	559	31902	40101	34802	00901	02804	83075		
Wittering	462	32104	64011	34606	00901	04805	83075		
Watnall	354	21806	56041	34507	00901	04001	82080		
Shawbury	414	51105	56041	33207	00901	03802	85076		
Finningley	360	11706	59040	33806	00901	04000	81075		
Kilnsea	396	32013	66010	34210	30970	07701	83360		
Leeming	257	01608	28041	32707	00900	06802			
Tynemouth	262	62009	61021	30811	6093/	08806	86358		
Carlisle	222	71303	58022	30412	756//	08804	87645		
Valley	302	11822	62021	31114	00902	11703	81075		
Ringway	334	41607	59021	32811	00901	02702	84075		
Squires Gate	318	71409	40041	32211	30959	07101	83360	85175	
Ronaldsway	204	71811	60032	30614	754//	13802	87618		
Mull of Galloway	131	81932	66258	28013	857//	13803	88650		
Eskdalemuir	162	72011	14055	30012	763//	10806	86708	85711	
Prestwick	135	82012	60216	28214	854//	13801	82711	84622	88626
Abbotsinch	140	81816	35516	27414	852//	13706	82704	85709	88622
Leuchars	171	72115	60042	27315	756//	11801	87640		
Dyce	091	72120	56052	25514	1543/	12512	81714	87360	
Lerwick	005	82222	66036	20013	856//	11714	88630		
Wick	075	72113	70021	22115	6563/	13710	86632	87359	
Sule Skerry	010	82319	74038	19714	835//	14714	83920	88625	
Cape Wrath	049	82325	81606	19214	855//	13708	88620		
Stornoway	026	82018	45205	20915	6631/	15704	86707	88458	
Benbecula	022	82214	15535	21814	861//	14301	88702		
Tiree	100	81916	25206	23614	862//	14701	83703	88708	
Aldergrove	917	81913	40046	27715	863//	13502	82707	88709	
Malin	980	81922	58102	25016	864//	14102	88710		
Belmullet	976	72010	62025	20815	764//	15107	83712	87718	
Birr	965	81711	58205	28215	864//	13702	88712		
Dublin	969	52107	60102	28915	55700	12805	85650		
Shannon	962	81613	60102	27416	864//	15003	86712	88714	
Roches Point	952	81713	40102	29516	863//	15102	88709		
Valentia	953	81812	30515	27116	863//	16104	88706		

OBSERVATIONS at 06h. 6 October 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	10000	37100	33504	00901	03304	81080		
862	10000	12400	33300	00901	50302	81070		
871	20705	61100	33504	00901	03201	82075		
797	31505	75031	34607	00901	04302	83078		
776	70000	01414	34352	00901	52302	87081		
775	10000	00444	34201	00901	01302	81075		
772	20000	28100	34203	00901	03303	82080		
586	20000	03410	34501	00902	01301	82078		
590	12403	50020	34405	00901	04501	81080		
497	02406	60020	34211	00900	06501			
502	11620	61020	30609	00901	07502	81075		
627	10000	48050	32902	00901	02607	81075		
628	20000	56040	33503	00901	01502	82075		
715	10609	56100	32805	00901	04501	81075		
707	10000	56111	32206	00901	06301	81075		
827	11106	62030	32108	00901	06500	81072		
817	11411	66010	31311	00902	07501	81075		
804	31303	66011	30813	25401	11502	82615		
809	21406	50101	31408	15501	07501	81620		
894	01305	74020	31711	00900	06803			
534	11605	36100	33203	00901	02505	81075		
559	01702	00464	34351	00900	52500			
462	22005	10281	33801	00901	01504	82075		
354	12206	20040	33204	00901	03606	81080		
414	00000	56041	32503	00900	00602			
360	11705	20110	32403	00901	02604	81081		
396	22317	61030	32909	10971	06504	81360		
257	31713	23040	31105	10931	04806	81360		
262	62307	58052	29510	6563/	07606	86640		
222	61605	45042	29211	656//	09605	81640	85650	
302	11922	66030	30413	10940	09603	81365		
334	21507	58030	32108	15701	03801	81656		
318	11207	30041	31406	10930	05602	81360		
204	71915	62022	29314	754//	12606	81710	84618	87650
131	82032	63028	26514	856//	12608	88645		
162	82013	14526	28812	872//	11504	88705		
135	81911	50206	26614	853//	13506	81708	83712	87615
140	81811	56506	26015	873//	13603	81706	87707	88711
171	72213	60042	25414	754//	12703	84710	87650	
091	72111	70032	23814	45431	13503	81713	84638	
005	82426	59205	17213	873//	13710	85707	88710	
075	22007	80021	19813	15632	12711	81630		
010	82330	74018	16714	4957/	13708	84920	86360	
049	72327	66015	17513	755//	13001	87620		
026	32022	80011	19313	35400	12608	81710	83650	
022	72219	70215	20413	753//	12605	83707	85710	87614
100	72016	58206	22615	753//	14502	82708	87615	
917	81913	40206	26514	862//	13805	82705	86707	88709
980	81919	58105	23616	864//	14605	85715	88640	
976	71922	62022	23216	764//	14710	85710	87717	
965	81711	58102	27315	864//	14703	88710		
969	61601	60101	28314	655//	12000	86620		
962	71514	66012	26516	754//	15502	83714	86640	
952	81815	40505	28715	863//	15504	88707		
953	81812	30505	26216	863//	16501	88706		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00031	51	+	+
862	00500	54	+	jf
871	00030	51	+	+
797	97050	51	+	+
776	00530	55	1ff	fFF
775	00510	55	f1FFF	FffFF1F
772	00030	53	+	+
586	97011	53	+	1f
590	00041	52	+	+
497	00070	02	+	+
502	00081	07	+	+
627	00020	53	+	+
628	00021	52	+	+
715	00051	50	+	+
707	00060	01	+	+
827	00070	00	+	jf
817	00090	06	+	+
804	00110	09	+	+
809	00081	01	+	+
894	00090	03	+	+
534	00020	53	+	+
559	00520	56	+	fFF
462	97010	55	+	1f
354	97041	51	+	+
414	00010	52	+	+
360	00030	51	+	+
396	00080		+	+
257	00050	03	+	+
262	00090	07	+	+
222	00111	09	+	+
302	00120	11	+	+
334	00050	06	+	+
318	00060	03	+	+
204	00130	11	+	+
131	91130			
162	01111	09	ro	idofdd
135	05131	13	irrorrrdoro	dodo
140	02141	13	dorododororo	dodidodododoid
171	97141	13	+	do
091	00131	10	+	+
005	94121	12	ido	dodoido
075	00131	11	+	+
010	97130	12		
049	97131	12	iroidff	iro
026	96131	11	ido	+
022	95131	12	dododdido	rdroido
100	97141	14	dododoro	dojf
917	93141	13	do-dorododo	do
980	97161	14		
976	97151	14		
965	97151	14		
969	00130	10		
962	00161	15		
952	97151	15		
953	95151	15		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70325	06004	63019	97018	91504	69400	71109	84919	/////	0//02	10756	30503	34008
B	99564	70509	06004	82110	97802	06604	855//	00707	88620	/////	0//50	10625	30402	34905
C	99528	70351	06003	82718	98032	08109	884//	00232	82812	86620	0//08	11097	30605	/////
D	99440	70410	06004	73216	98028	20312	78500	00213	82820	87630	0//06	11804	30402	32907
E	99339	70473	06003	30509	98021	23920	38400	33211	82815	/////	0//15	12301	30401	34803
I	99587	70193	06004	81918	97606	05712	2552/	41606	82625	88459	0//12	11272	30404	20008
J	99525	70200	06004	72023	98022	12616	753//	00709	84707	86635	0//15	11491	30505	19806
K	99451	70157	06004	81504	97022	27718	855//	00802	88621	/////	0//17	11763	30000	21802
M	99660	10020	06004	82125	96506	04710	7732/	00618	87708	/////	00109	10962	30507	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	06064	73218	97252	94704	79400	71319	85915	/////	05502	10747	30503	34007
B	99565	70509	06064	81818	97616	02505	7732/	00725	87708	88530	0//05	10646	30503	34905
C	99528	70352	06063	62816	98028	11909	58530	00222	84820	/////	0//06	11094	30503	99/05
D	99441	70409	06064	83012	98022	22213	855//	00214	88620	/////	0//06	11724	3////	/////
E	99334	70469	06063	10308	98010	23720	11400	61002	81815	/////	0//14	12405	30401	34803
I	99588	70193	06064	72222	98016	03012	754//	00507	81715	87635	0//11	11268	30404	20008
J	99527	70200	06064	83012	96606	12713	853//	00308	86706	88625	0//13	11498	30202	19806
K	99450	70156	06064	81407	96032	26618	855//	00302	88720	/////	0//17	11761	30000	14802
M	99660	10022	06064	82225	96505	02110	7741/	00719	87710	/////	00108	10960	30507	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40131

Date of Issue Thursday 7 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 6 October 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	21809	64020	32415	00901	04710	82080		
Hurn	862	11408	70010	32816	00901	06809	81075		
Thorney Island	871	21210	78020	33416	00901	08807	82075		
Manston	797	31409	72030	33914	00901	05711	83080		
Gatwick	776	21604	70024	33416	00901	07711	82080		
Kew	775	11803	70024	33116	00901	04813	81075		
Heathrow	772	21904	60020	33016	00901	06811	82080		
Honington	586	61807	66021	33015	00901	06810	86078		
Wattisham	590	21807	62010	33415	00901	04709	82080		
Gorleston	497	01810	62020	32414	00900	05811			
Aberporth	502	11813	58050	30915	11600	10102	81830		
Ross-on-Wye	627	12207	60020	31815	00901	07712	81077		
Filton	628	01906	62010	32716	00900	08609			
Rhoose	715	11308	65050	32215	00901	08705	81078		
Chivenor	707	11206	70020	31716	00901	09707	81075		
Mount Batten	827	11606	69020	32117	00901	10701	81070		
St. Mawgan	817	11411	66020	31416	00902	09801	81075		
Scilly	804	01207	56010	31215	00900	11001			
Culdrose	809	11606	62050	31216	00901	07001	81075		
Guernsey	894	10906	75020	31815	00901	03804	81075		
Elmdon	534	12110	65020	31915	00901	09808	81075		
Cardington	559	12106	58054	33016	00901	07811	81075		
Wittering	462	02210	61020	32215	00900	09810			
Watnall	354	12112	59050	31316	00901	10813	81080		
Shawbury	414	11906	59040	31116	00901	08709	81075		
Finningley	360	02114	56040	30616	00900	08715			
Kilnsea	396	02316	61020	31714	00900	08812			
Leeming	257	12115	66040	29417	00901	05714	81080		
Tynemouth	262	02009	48051	27417	00900	11817			
Carlisle	222	42315	66021	28415	15601	11607	81645	83075	
Valley	302	61922	66031	30315	654//	12400	86613		
Ringway	334	12109	58020	30915	00901	04506	81075		
Squires Gate	318	01907	58040	30716	00900	09805			
Ronaldsway	204	21918	61011	29015	26400	12806	82712		
Mull of Galloway	131	61933	60012	26115	6093/	13810	86360		
Eskdalemuir	162	82016	23515	27512	870//	11813	88701		
Prestwick	135	82111	58506	26115	854//	14709	83710	85616	88620
Abbotsinch	140	82213	45206	25814	873//	13603	82706	86707	88708
Leuchars	171	82217	60205	24015	854//	13709	87710	88620	
Dyce	091	52114	80031	21818	42641	13708	84830		
Lerwick	005	72424	79025	15813	752//	11709	86704	87622	
Wick	075	72215	89021	18118	38442	12813	83818	83364	87075
Sule Skerry	010	72437	66032	14314	36476	13719	83710	85458	87075
Cape Wrath	049	72327	81026	15514	755//	12720	87620		
Stornoway	026	82029	56586	16915	853//	15725	85708	88614	
Benbecula	022	82030	42516	17615	862//	14719	86704	88706	
Tiree	100	81917	56585	21515	853//	14712	83708	86712	88629
Aldergrove	917	72014	50045	25817	753//	14709	83708	84710	87620
Malin	980	62024	75011	22719	604//	15710	82817	86645	
Belmullet	976	81919	58586	22617	863//	16804	84706	88710	
Birr	965	71911	66035	27317	764//	14502	85715	86634	
Dublin	969	32215	60101	27518	35600	13709	83630		
Shannon	962	71814	86022	26419	754//	16602	83618	87650	
Roches Point	952	81913	25106	29016	862//	15001	88705		
Valentia	953	81913	30586	26616	861//	16101	88702		

OBSERVATIONS at 18h. 6 October 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
746	31606	62030	31111	00901	07503	83080		
862	21302	60020	31412	00901	08606	82075		
871	41003	66030	31612	00901	09608	84080		
797	21805	70020	31909	00901	05606	82080		
776	21805	60030	31610	00901	06607	82080		
775	22104	61020	31109	00901	04505	82075		
772	41807	62030	30915	00906	04606	84080		
586	21706	58021	30812	00901	07506	82078		
590	11707	60020	31209	00901	06608	81080		
497	11811	60020	31013	00901	06707	81075		
502	11709	66050	29211	00901	08708	81075		
627	11802	70020	29613	00901	08607	81075		
628	22205	56040	30713	00901	06605	82072		
715	11808	68020	30414	00901	07506	81080		
707	20000	69030	30213	00901	11802	82078		
827	21303	66030	30012	00901	08310	81075		
817	11507	64020	30612	00901	09604	81075		
804	11203	61011	30313	15500	09704	81625		
809	11402	72020	30513	00901	10705	81080		
894	21007	66030	30413	00902	07704	82075		
534	22002	60030	29813	00901	07706	82075		
559	11906	56050	30611	00901	07507	81075		
462	22109	59030	29911	00901	07605	82080		
354	12206	40050	29312	00901	08505	81080		
414	31903	58040	28913	00901	09607	83075		
360	12005	48040	28414	00901	09605	81078		
396	12314	59020	28415	10970	09708	81360		
257	11906	59040	27414	15701	08504	81656		
262	62308	58031	25916	6093/	11504	86358		
222	82210	58041	26115	854//	12503	83717	85623	88630
302	72020	58031	28415	752//	13503	82705	87614	
334	11506	59020	28315	00901	08608	81075		
318	10000	60020	28313	10941	10508	81360		
204	72014	58041	26715	753//	13505	81708	85710	85623
131	81932	60022	23914	856//	13607	88640		
162	82120	17105	24912	871//	12809	88702		
135	82111	50205	23215	853//	14612	81708	84714	87622
140	71917	30506	22015	773//	14511	82709	87713	
171	82322	56055	20716	854//	13716	88614		
091	72018	62051	18015	15531	13619	81620	84360	86072
005	82330	56106	10113	863//	13724	88706		
075	71606	82022	13916	35642	13720	83635	84360	86070
010	82444	58602	10614	874//	14713	88710		
049	82330	58605	10415	874//	14719	88710		
026	82018	56636	12515	853//	15622	84708	88616	
022	82224	20636	14614	861//	14514	82702	88704	
100	82229	57216	18116	862//	15617	84704	88707	
917	71811	59042	24017	763//	15607	81707	87710	
980	82221	70505	21018	864//	16604	84711	88645	
976	72025	62106	21917	764//	15502	85713	86635	
965	71909	60102	26317	764//	15803	84714	87637	
969	72313	62021	26117	764//	14501	84719	86640	
962	81908	40586	26117	873//	16601	83706	85709	86712
952	82110	25515	28215	861//	15502	88702		
953	81911	57506	26517	863//	16501	88707		

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00190	099	+	+
862	00170	098	+	+
871	00170	102	+	+
797	00150		+	+
776	00180	100	+	1f
775	00180	097	+	+
772	00190	097	+	+
586	00170		+	+
590	00161	095	+	+
497	00170	096	+	+
502	00161	097	+	+
627	00180	100	+	+
628	00180	097	+	+
715	00170	094	+	+
707	00191	097	+	+
827	00180	103	+	+
817	00160	098	+	+
804	00190	079	+	+
809	00160	102	+	+
894	00160	107	+	+
534	00170	097	+	+
559	00180	093	+	+
462	00170	093	+	+
354	00180	093	+	+
414	00180	098	+	+
360	00180	090	+	+
396	00180	091	+	+
257	00190	093	+	+
262	00200	086	+	+
222	97171	053	+	d_or_o
302	00170	085	+	+
334	00170	100	+	+
318	00170	098	+	+
204	00160	051	+	+
131	91151			
162	02131	000	d_od_od-dr	d_o-d_or_orf
135	94171	003	$1d_o$	$d_or_o1d_o$
140	94161	002	$1d_o1d_or_o$	$1d_o1r_or_or_o$
171	91171	000	d_od	+
091	00191	063	+	+
005	12152	004	+	$1d_oRRrr$
075	92191	052	+	$1r_or_or_o$
010	05162			
049	08152	000	$1r_o1d$	$1d_orrFF$
026	07162	004	$1r_or_od_o$	RrrR
022	05151	000	$d_or_od_od_o$	$rrdrr_o$
100	92161	000	$d_or_odr1d_o$	$1d_o1r_o$
917	97171	001	d_o	d_or_o
980	9719	020		
976	0118	009		
965	9718	013		
969	9720	050		
962	9220	015		
952	0116	001		
953	0117	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

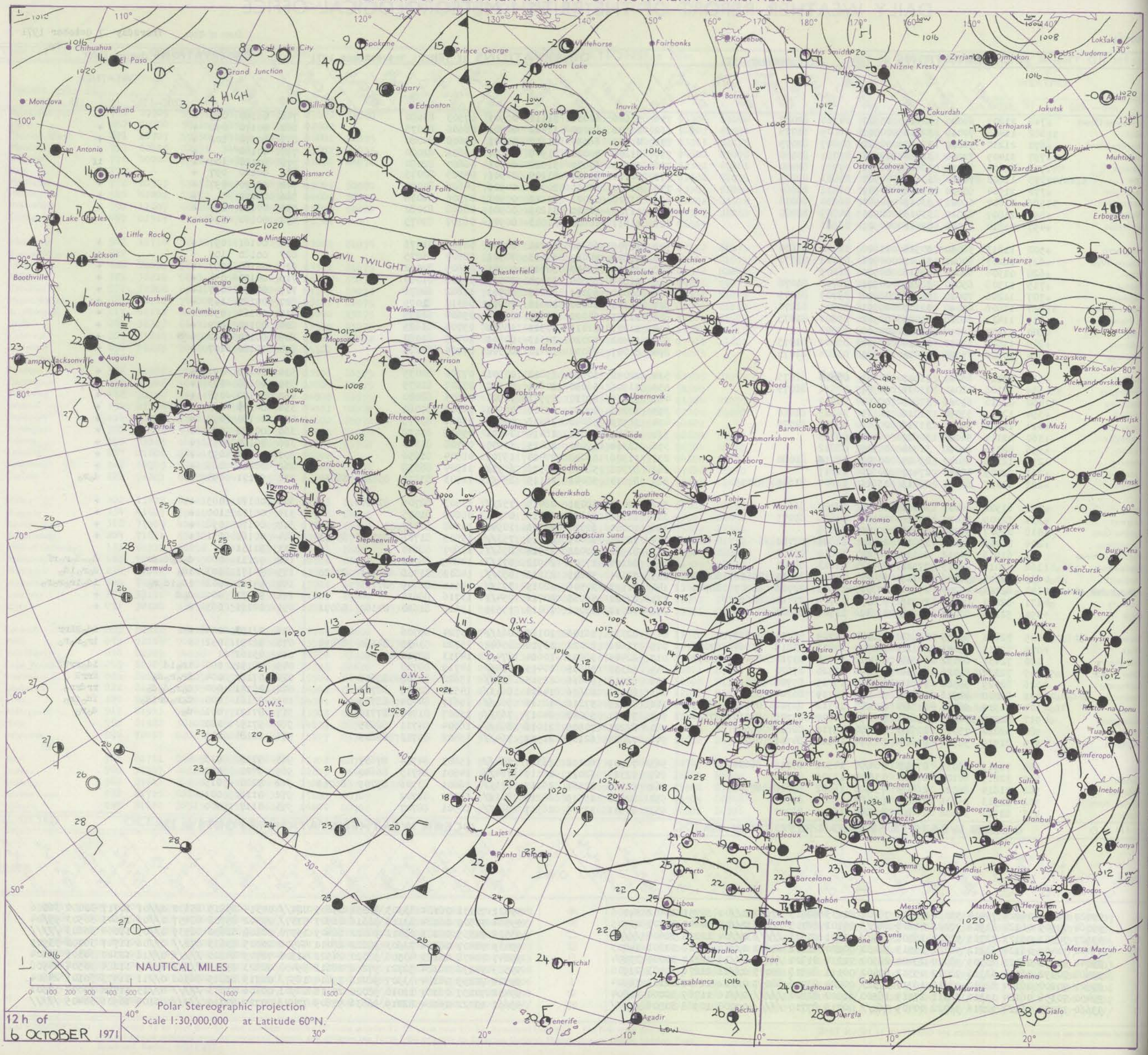
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70332	06124	73414	98018	01305	78400	81235	82815	87630	0//01	10751	30402	34006
B	99564	70509	06124	81916	97026	01206	862//	00101	88705	/////	0//05	10647	30503	23705
C	99527	70353	06123	72715	98022	16508	755//	00221	87625	/////	0//04	11098	30604	/////
D	99440	70409	06124	63212	98022	25513	58430	00220	81812	84630	0//06	11718	30301	34005
E	99342	70475	06123	20505	98020	25420	28500	71114	81820	/////	0//16	12310	30000	35804
I	99588	70192	06124	62316	98012	05312	22402	00111	82818	85075	0//11	11276	30403	21908
J	99527	70200	06124	82610	97616	16713	3732/	00224	83706	88557	0//12	11492	30101	18804
K	99450	70158	06124	11210	98011	27119	18500	61000	81820	/////	0//16	11789	30000	21804
M	99660	10020	06124	72216	96022	00409	764//	00718	87710	/////	00008	10988	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70331	06184	83303	98252	05605	884//	00314	85815	88630	0//01	10717	30000	36006
B	99564	70509	06184	82116	96616	01907	5737/	00302	85708	88457	0//06	10643	30503	99/04
C	99526	70355	06183	62412	98022	18409	15570	00108	81630	88539	0//05	11064	30603	/////
D	99439	70407	06184	72603	98022	26010	44508	00005	83633	872//	0//06	11747	30000	33905
E	99347	70478	06183	40508	98020	24521	41500	72709	84820	/////	0//18	12320	30301	35804
I	99589	70192	06184	52721	97258	08611	59430	00223	85915	/////	0//09	11284	30504	24908
J	99524	70199	06184	73307	98016	19814	1857/	00215	81825	86360	0//11	11473	30101	24804
K	99452	70157	06184	11010	98020	25118	00901	00606	81073	/////	0//15	11786	30000	12501
M	99661	10022	06184	82219	96636	93809	7742/	00729	87710	/////	00108	10936	30405	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 6 OCTOBER 1971

Mean Sea Surface Isotherms

00h of 7 OCTOBER 1971

06h of 7 OCTOBER 1971

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 7 October 1971

The anticyclone over southern Germany moved a little southwards but the ridge extending westwards from it across north France and southern England remained almost stationary. The depression near Iceland filled completely but a new depression developed to the north of Scotland, deepened, and moved to northern Norway. The cold front to the west of Scotland accelerated eastwards as this depression deepened. During the next 24 hours the deep depression now over northern Norway will move away eastwards. The high over central Europe will probably be almost stationary. Pressure is expected to rise to the west of the British Isles resulting in a more northwesterly gradient across the country. The cold front is expected to move southwards over England as a very weak feature.

Code FM 11.D

OBSERVATIONS at 00h. 7 October 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	00000	37110	31005	00900	05804			
Hurn	862	03102	02460	30901	00900	00707			
Thorney Island	871	00303	58020	30805	00900	04809			
Manston	797	01907	60020	30807	00900	05711			
Gatwick	776	00000	01444	31350	00900	50809			
Kew	775								
Heathrow	772	03204	56020	31106	00900	05703			
Honington	586	02102	56020	30206	00900	04702			
Wattisham	590	02606	57020	30604	00900	03704			
Gorleston	497	02310	60020	29310	00900	06710			
Aberporth	502	61807	59101	29410	65600	09608	86640		
Ross-on-Wye	627								
Filton	628	01303	37040	30807	00900	05803			
Rhoose	715	10000	60050	30507	10930	06803	81362		
Chivenor	707	00906	62110	30707	00900	06801			
Mount Batten	827	00905	69020	30807	00900	04001			
St. Mawgan	817	00901	61020	30708	00900	07801			
Scilly	804	01103	74020	30012	00900	09703			
Culdrose	809	00000	07464	30306	00900	06802			
Guernsey	894	01405	58010	30313	00900	10802			
Elmdon	534	12205	58020	29309	00901	06806	81075		
Cardington	559	02204	40050	30205	00900	04805			
Wittering	462	02209	48020	29006	00900	05807			
Watnall	354	12308	32040	28609	00901	07807	81080		
Shawbury	414	00000	58040	29006	00900	04708			
Finningley	360	01803	40040	27009	00900	07811			
Kilnsea	396	02316	58020	27512	00900	08805			
Leeming	257	22206	66010	26212	25400	09709	82614		
Tynemouth	262	82317	61031	23315	4557/	13715	84625	88358	
Carlisle	222	82212	58026	24415	854//	14805	85712	88618	
Valley	302	81922	58022	27815	863//	14705	88709		
Ringway	334	01804	58020	28210	00900	07606			
Squires Gate	318	82110	62021	27615	854//	12708	88614		
Ronaldsway	204	72115	56202	25715	753//	13804	82706	87615	
Mull of Galloway	131	72031	70022	23415	5643/	14804	85715	87360	
Eskdalemuir	162	82213	14286	23514	860//	14811	88701		
Prestwick	135	82316	65025	22117	854//	15807	82616	84632	88656
Abbotsinch	140	72119	58205	20816	753//	15805	81709	83712	87634
Leuchars	171	72420	68012	18617	55472	14609	83617	83650	86075
Dyce	091	71808	80022	15617	1557/	14707	81624	86360	
Lerwick	005	82515	56586	09511	5712/	11500	85702	88540	
Wick	075	72613	62606	12915	754//	15204	82712	85621	87630
Sule Skerry	010	62309	74016	12013	634//	13209	84915	86620	
Cape Wrath	049	72327	74016	12312	3647/	11219	83715	87360	
Stornoway	026	82610	66026	15513	855//	12322	88624		
Benbecula	022	72514	64026	17213	753//	13219	81709	83615	87625
Tiree	100	72613	75216	18614	754//	13307	82712	85629	87643
Aldergrove	917	72109	66016	23716	753//	14805	83709	87620	
Malin	980	82117	70505	21116	864//	15000	86712	88640	
Belmullet	976	82123	28586	22716	862//	15002	86703	87706	
Birr	965	82108	50515	26716	863//	15802	85707	86712	
Dublin	969	72410	65022	25916	755//	14804	87622		
Shannon	962	82008	70516	26417	864//	16803	82712	84718	88623
Roches Point	952	82109	20586	20315	861//	15000	88702		
Valentia	953	82007	60205	26916	863//	16802	88709		

OBSERVATIONS at 06h. 7 October 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$
746	00000	01444	29850	00900	50705			
862	03402	01444	29700	00900	00604			
871	00000	03410	29403	00900	03604			
797	02805	48110	29207	00900	06703			
776	70000	02484	29952	760//	52706	84700	87701	
775	90000	00454	29303	9////	03605	89///		
772	00000	01424	29702	00900	02604			
586	12508	50030	28105	00901	04603	81075		
590	12611	44100	28305	00901	04606	81078		
497	02410	62020	27407	00900	05400			
502	81709	28055	28011	854//	10605	84710	88620	
627	90000	01454	29005	9////	05610	89/00		
628	10302	11400	29403	16000	01604	81700		
715	30000	00461	29009	35400	09503	81610		
707	01006	01464	29403	00900	03502			
827	00402	58040	29504	00900	04503			
817	00806	02424	29405	00900	05501			
804	30000	81020	28311	38500	10706	82823		
809	00000	00464	29204	00900	04606			
894	01907	80020	29412	00900	04500			
534	11903	20110	28306	00901	06501	81075		
559	12206	28110	28705	16300	05503	81707		
462	12204	48030	27508	00901	06501	81072		
354	82210	23041	27308	863//	07602	82707	88709	
414	22202	40400	27509	25501	08400	82620		
360	41906	56041	25512	45400	10605	84618		
396	62417	59031	24911	4557/	09709	84625	86360	
257	72610	74021	24116	754//	13501	85710	85614	
262	32514	81021	21417	35500	14606	83625		
222	72315	66031	22716	754//	14001	84710	87618	
302	82118	56022	26715	862//	14502	88704		
334	81907	58041	26711	864//	09604	88710		
318	82418	62015	25715	853//	14605	85709	88617	
204	62214	58012	24515	652//	14803	82704	85630	
131	82325	66022	22915	856//	14000	88640		
162	82209	28535	22014	872//	14500	86703	88707	
135	82415	30515	21715	853//	15305	81706	85713	88635
140	72713	58515	20913	753//	12310	83708	83620	87640
171	72417	66032	18316	754//	14308	83712	87640	
091	72913	84012	17315	3553/	11316	81720	84359	
005	32722	69256	10110	38400	09308	81812	83621	
075	72814	70156	15511	48432	10215	82818	83630	
010	52724	81018	13612	53500	11216	85925		
049	72718	83026	14711	785//	10217	82820	87625	
026	72614	60216	17912	754//	09214	82713	87626	
022	62715	74012	20012	35432	10218	81618	83635	
100	72811	75036	20813	784//	11112	82818	83625	87635
917	82211	61022	23216	853//	14301	81709	83712	88616
980	82608	70206	22414	864//	13110	85711	88645	
976	83502	25586	22814	862//	14301	84705	88709	
965	82206	59105	26016	864//	15101	86711	87635	
969	82308	57515	25316	864//	15101	83711	85716	86623
962	81908	74205	25816	855//	15201	83620	88625	
952	82307	40106	27515	863//	15301	88708		
953	81909	56505	26216	863//	16501	88706		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00510	52	FF	FF
862	97500	54	ff	ffFF
871	00020	54	+	1f
797	97050	52	+	+
776	97520	54	1f1FF	1FFf
775	97510	56	fFF	FF
772	97020	53	jf1f	FF
586	97050	51	+	+
590	97041	50	+	+
497	00060	03	+	+
502	97091	05	+	$1d_0d_0d_0$
627	00040	50	f	fFF
628	00020	51	+	jf1fFf
715	00061	01	+	fF
707	97031	01	+	FFf
827	00030	50	+	jf
817	93050	51	1f	1fFF
804	00110	06	+	+
809	00031	51	1fff	FFff
894	00120	02	+	+
534	00050	01	+	+
559	00030	53	+	+
462	00050	02	+	+
354	00071	03	+	+
414	00060	01	+	jf
360	00080	05	+	+
396	00100		+	+
257	00110	07	+	+
262	00130	09	+	+
222	97151	14	d_0r_0	+
302	00150	15	+	+
334	97090	08	+	d_0 [illegible]
318	97130	11	d_0	d_0
204	97140	12	d_0	+
131	00131			
162	02131	13	fd_0ffd	$dd_0ddd_0d_0$
135	02131	13	$1d_0$	$d_0d_0ddd_0r_0$
140	02131	11	$1d_0d_0d_0dd$	d_0d_0
171	00141	12	+	+
091	00140	12	+	+
005	13101	09	rrd_0r_0	ir_0irpr_0
075	04101	08	rrd_0r_0	pr_0
010	03111	10		
049	03101	09	ir	ir_0pr_0
026	01102	08	$rrir_0$	ir_0
022	92121	10	r_0	pr_0
100	93121	11	$1d_0ir_0$	ir_0pr_0
917	97151	14	d_0r_0	+
980	01131	13		
976	02141	14		
965	91161	15		
969	91151	14		
962	91161	16		
952	93151	14		
953	94151	15		

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	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	07004	62306	98808	07805	69402	00309	82915	84633	0//02	10749	30201	36004
B	99564	70509	07004	82614	97026	03806	863//	00313	88707	/////	0//05	10646	30502	99/03
C	99528	70354	07003	82210	98022	19210	1553/	00604	81630	87359	0//09	11104	30603	/////
D	99440	70409	07004	80000	98032	26913	1857/	00004	81825	88358	0//08	11729	30000	34803
E	99349	70480	07003	30511	98011	26020	38500	00110	82820	/////	0//15	12291	30301	03804
I	99590	70190	07004	72721	98012	14110	785//	00125	81820	87630	0//07	11268	30504	24908
J	99523	70199	07004	80607	97616	21413	3552/	00805	83625	88459	0//12	11488	30201	17804
K	99452	70158	07004	11013	98021	24718	15600	00809	81633	/////	0//16	11777	30502	22004
M	99660	10020	07004	82529	96506	90608	7742/	00612	87710	/////	05205	10978	30507	/////

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	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	07064	71703	97028	08105	78400	00804	82815	87630	05303	10706	30201	36004
B	99565	70509	07064	72923	98025	06205	78400	00313	85810	/////	0//04	10663	30503	99/02
C	99528	70353	07063	81920	96612	17810	6732/	00815	86708	88540	0//10	11108	30603	33704
D	99439	70490	07064	82212	98022	26415	4853/	00606	82823	88357	0//10	11734	30000	95652
E	99350	70479	07063	31211	98030	24920	35500	00607	83620	/////	0//15	12270	30301	03802
I	99588	70184	07060	32617	98251	16910	38400	31309	82818	/////	0//09	11260	30504	24907
J	99523	70200	07064	80410	96616	20511	5742/	00500	85710	88550	0//11	11498	30101	15805
K	99452	70159	07064	51012	97011	23218	55600	00506	85636	/////	0//16	11779	30000	11502
M	99660	10023	07064	72726	96806	91808	6946/	00213	86714	/////	05306	10940	30507	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40132 — Date of Issue Friday 8 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 7 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	00000	58284	29414	00900	12804			
Hurn	862	10000	30054	29912	00901	11805	81070		
Thorney Island	871	12607	58054	29916	10940	00001	81365		
Manston	797	12205	64020	29118	00901	09805	81080		
Gatwick	776	02106	57024	29717	00900	11802			
Kew	775	02502	56054	29613	00900	09804			
Heathrow	772	02301	21284	29713	00900	09803			
Honington	586	32907	58030	28116	25401	10400	82615		
Wattisham	590	22810	64020	28417	00901	08201	82080		
Gorleston	497	32609	58050	27715	00905	11400	83270		
Aberporth	502	81907	59055	28215	884//	13803	83817	88620	
Ross-on-Wye	627	12902	60024	28616	11601	11606	81830		
Filton	628	12502	61054	29117	00901	09804	81078		
Rhoose	715	61407	04464	29312	660//	11704	83701	85702	
Chivenor	707	20905	23284	29411	26200	10805	82703		
Mount Batten	827	02006	56050	29716	00900	11101			
St. Mawgan	817	11607	59054	29116	11400	11801	81818		
Scilly	804	11002	63011	29016	11401	12002	81815		
Culdrose	809	01503	60050	29117	00900	11206			
Guernsey	894	11708	78020	29916	00902	08001	81075		
Elmdon	534	82207	50051	28315	854//	11801	88614		
Cardington	559	12405	56050	28817	00901	10801	81075		
Wittering	462	72406	61021	27716	755//	13000	87620		
Watnall	354	82208	58052	27415	854//	13001	88615		
Shawbury	414	72605	64031	27917	754//	13801	83714	87624	
Finningley	360	62712	59011	26418	58401	14002	82816	84630	
Kilnsea	396	72717	48031	26017	55570	14101	85620	87360	
Leeming	257	62715	66012	25219	46441	14400	83714	83075	
Tynemouth	262	72918	66021	24018	756//	15212	87630		
Carlisle	222	82514	58502	24217	853//	15207	85707	88615	
Valley	302	82121	48055	27015	862//	15000	83704	86705	88706
Ringway	334	81905	58205	27215	874//	13106	81710	88712	
Squires Gate	318	62417	56035	26317	652//	15701	83705	85622	
Ronaldsway	204	72212	60032	25616	752//	14604	81705	87638	
Mull of Galloway	131	72118	66022	23915	756//	14205	87640		
Eskdalemuir	162	82606	61055	24114	874//	12109	88713		
Prestwick	135	82405	35535	24213	852//	13208	82704	84708	88614
Abbotsinch	140	72409	80025	23315	6847/	11006	81712	84820	86656
Leuchars	171	72511	86031	22216	785//	09212	81820	87650	
Dyce	091	72814	88032	20615	11572	09110	81820	86362	87070
Lerwick	005	52828	69258	14011	53401	07219	81910	83812	
Wick	075	72920	82808	18913	58532	09207	83820	84635	85360
Sule Skerry	010	62524	74808	17812	635//	11221	86920		
Cape Wrath	049	72725	83038	18612	785//	08218	84820	87625	
Stornoway	026	72712	82022	20713	3553/	11108	83628	87360	
Benbecula	022	72611	80028	21813	5847/	12004	82814	84630	87460
Tiree	100	82508	83608	22814	6547/	11103	82618	85650	88359
Aldergrove	917	82211	65022	24417	853//	15205	83706	85711	88615
Malin	980	82304	75506	23814	5642/	13304	85714	88458	
Belmullet	976	72117	62206	23616	783//	15001	83708	86713	
Birr	965	82308	62505	26617	874//	16301	87710	88635	
Dublin	969	72612	70035	25719	785//	15702	85820	87635	
Shannon	962	82410	82025	26617	864//	15201	82710	84717	86624
Roches Point	952	82208	56102	27716	863//	14701	84708	88716	
Valentia	953	82006	65022	27216	864//	15104	86714	88630	

OBSERVATIONS at 18h. — 7 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	02209	56050	27911	00900	09502			
Hurn	862	12002	57110	28212	00901	09607	81075		
Thorney Island	871	12305	59050	28313	10940	10607	81362		
Manston	797	02209	59020	28011	00900	09500			
Gatwick	776	12108	45050	28212	00901	10604	81075		
Kew	775	02005	56050	27713	00900	07502			
Heathrow	772	12304	65030	27415	00901	05505	81078		
Honington	586	10000	50110	26814	15501	13603	81620		
Wattisham	590	10000	56030	27015	00901	09502	81080		
Gorleston	497	22404	48051	26617	25600	14701	82635		
Aberporth	502	82106	58052	27313	855//	11502	88625		
Ross-on-Wye	627	02102	48050	27213	00900	11302			
Filton	628	12401	59050	27813	00901	08604	81075		
Rhoose	715	10000	58054	27712	00901	11606	81075		
Chivenor	707	22703	50110	27811	00901	10501	82078		
Mount Batten	827	31901	61050	28211	00901	08604	83075		
St. Mawgan	817	11704	58050	28112	16401	08601	81712		
Scilly	804	20000	59030	27814	20851	11702	82357		
Culdrose	809	20000	60050	28013	00901	10702	82070		
Guernsey	894	01408	70020	28514	00900	12605			
Elmdon	534	21905	59051	26714	28401	12606	81818		
Cardington	559	22204	58050	27313	00901	11502	82075		
Wittering	462	72305	58022	26615	755//	13503	87620		
Watnall	354	72406	32042	26316	754//	13502	81616	87620	
Shawbury	414	82809	62042	26616	855//	13503	85625	88630	
Finningley	360	72303	48042	25517	755//	14702	87625		
Kilnsea	396	42710	56021	24916	40971	14101	84360		
Leeming	257	72308	69202	24317	25541	13802	82625	85360	86075
Tynemouth	262	62609	58022	23017	3553/	15604	83625	86359	
Carlisle	222	82308	64215	23416	853//	15603	82708	83712	86616
Valley	302	82115	59015	25915	853//	14602	81706	88620	
Ringway	334	82304	59505	26116	855//	13603	83622	88630	
Squires Gate	318	72313	58022	25715	753//	15703	81708	87630	
Ronaldsway	204	72111	59022	24415	752//	14604	81705	83630	87640
Mull of Galloway	131	72018	70012	22715	65601	14707	86645		
Eskdalemuir	162	82208	40505	22914	872//	13705	84703	88708	
Prestwick	135	80000	58505	22513	853//	12712	81708	83610	86614
Abbotsinch	140	82903	30586	22612	6722/	12704	82703	85707	88540
Leuchars	171	72511	82032	21414	756//	10503	81635	87650	
Dyce	091	82805	56212	20813	8097/	10400	82358	86359	88461
Lerwick	005	72819	69258	15510	734//	06210	81910	86812	
Wick	075	72804	86028	19411	28538	09002	81820	85362	87270
Sule Skerry	010	82613	66808	18712	835//	11205	88920		
Cape Wrath	049	72707	81606	19311	785//	09701	84820	87625	
Stornoway	026	72508	80022	20312	3552/	10704	83620	87462	
Benbecula	022	82708	62618	21212	7532/	11705	81709	84615	86621
Tiree	100	82207	80036	21613	4847/	11706	82816	83360	88462
Aldergrove	917	72310	75022	23017	785//	14504	81820	87626	
Malin	980	80000	40515	21713	862//	13713	88704		
Belmullet	976	82215	63205	22916	863//	15601	86707	88715	
Birr	965	82306	58506	25715	864//	15603	88710		
Dublin	969	82407	57218	25116	863//	16603	83706	86708	88715
Shannon	962	72409	75025	25416	754//	14605	82716	87632	
Roches Point	952	82109	62032	26715	864//	12504	84715	88626	
Valentia	953	81904	62102	25915	6552/	13705	83622	84645	88462

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	061	FF	+
Hurn	862	00170	061	FFf	1f
Thorney Island	871	00170	099	+	+
Manston	797	00200		+	+
Gatwick	776	00200	071	FFf1f	1f
Kew	775	00190	065	FFf	fF1F
Heathrow	772	00200	065	FFff	+
Honington	586	00190		+	+
Wattisham	590	00191	101	+	+
Gorleston	497	00180	077	+	+
Aberporth	502	00161	003	+	+
Ross-on-Wye	627	00190	069	F	+
Filton	628	00180	077	+	+
Rhoose	715	00161	057	FFf	1fF
Chivenor	707	00191	054	FFf	+
Mount Batten	827	00170	098	+	+
St. Mawgan	817	00180	102	1f	+
Scilly	804	00180	091	+	+
Culdrose	809	00170	108	+	+
Guernsey	894	00170	102	+	+
Elmdon	534	00170	020	+	+
Cardington	559	00190	092	+	+
Wittering	462	00170	027	+	+
Watnall	354	00171	000	+	+
Shawbury	414	00180	000	+	+
Finningley	360	00190	004	+	+
Kilnsea	396	00190	075	+	+
Leeming	257	97190	036	+	d_o
Tynemouth	262	00180	013	+	+
Carlisle	222	97171	001	d_o-r_o	r_o
Valley	302	97160	000	$1d_o$	$1d_o$
Ringway	334	97170	000	d_od_o	d_o
Squires Gate	318	00180	031	+	+
Ronaldsway	204	00180	010	+	+
Mull of Galloway	131	00150			
Eskdalemuir	162	92141	000	d_or_o	$d_od_o1d_off$
Prestwick	135	01141	000	$ddd_od_o1d_o$	$1d_o$
Abbotsinch	140	02161	002	+	$1r_od_or_odd$
Leuchars	171	97181	023	+	r_o
Dyce	091	97150	021	+	$1r_o$
Lerwick	005	95121	047	pr_o	pr_o
Wick	075	97131	017	pr_o	+
Sule Skerry	010	91131			
Cape Wrath	049	92121	005	+	$1r_o$
Stornoway	026	00141	004	+	+
Benbecula	022	02141	000	pr_o	$pr_or_or_o1r_o$
Tiree	100	02141	000	$pr_o1r_or_or_o$	pr_oprrr_o
Aldergrove	917	00191	005	+	+
Malin	980	0315	000		
Belmullet	976	0218	005		
Birr	965	0118	001		
Dublin	969	0220	016		
Shannon	962	9217	000		
Roches Point	952	0016	000		
Valentia	953	9716	000		

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

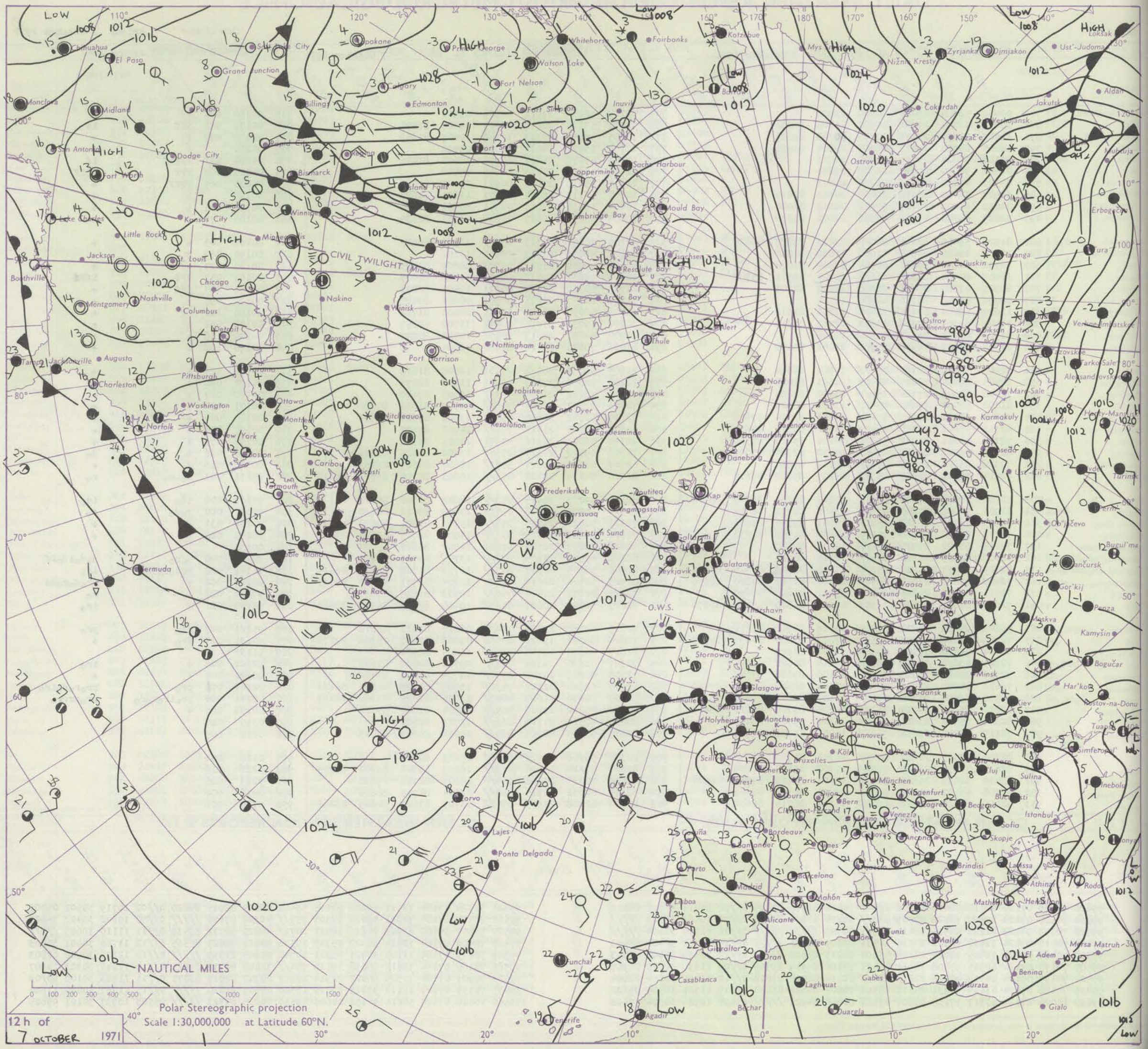
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_{ap}P$	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70329	07124	62413	19801	28306	69441	00306	81915	85635	0//04	10714	30302	04007
B	99564	70509	07124	82922	98028	07705	883//	00214	83808	87630	0//01	10663	30503	/////
C	99528	70353	07123	82225	95516	18411	873//	00306	/////	/////	0//11	11101	30604	/////
D	99440	70410	07124	32014	98012	27216	11531	00205	81825	/////	0//10	11761	30401	33803
E	99350	70480	07124	50805	98021	26820	55500	00213	85620	/////	0//14	12338	30000	02803
I	99585	70173	07124	62315	97808	18911	43431	32106	84914	83365	0//09	11230	30303	24907
J	99524	70199	07124	80312	97026	22613	884//	00114	82710	83818	0//12	11496	30202	23804
K	99453	70158	07124	61114	97031	24218	68500	00006	84820	83640	0//15	11761	30504	99/02
M	99660	10020	07124	63317	97258	98807	49588	00240	84923	/////	05405	10988	30304	99608

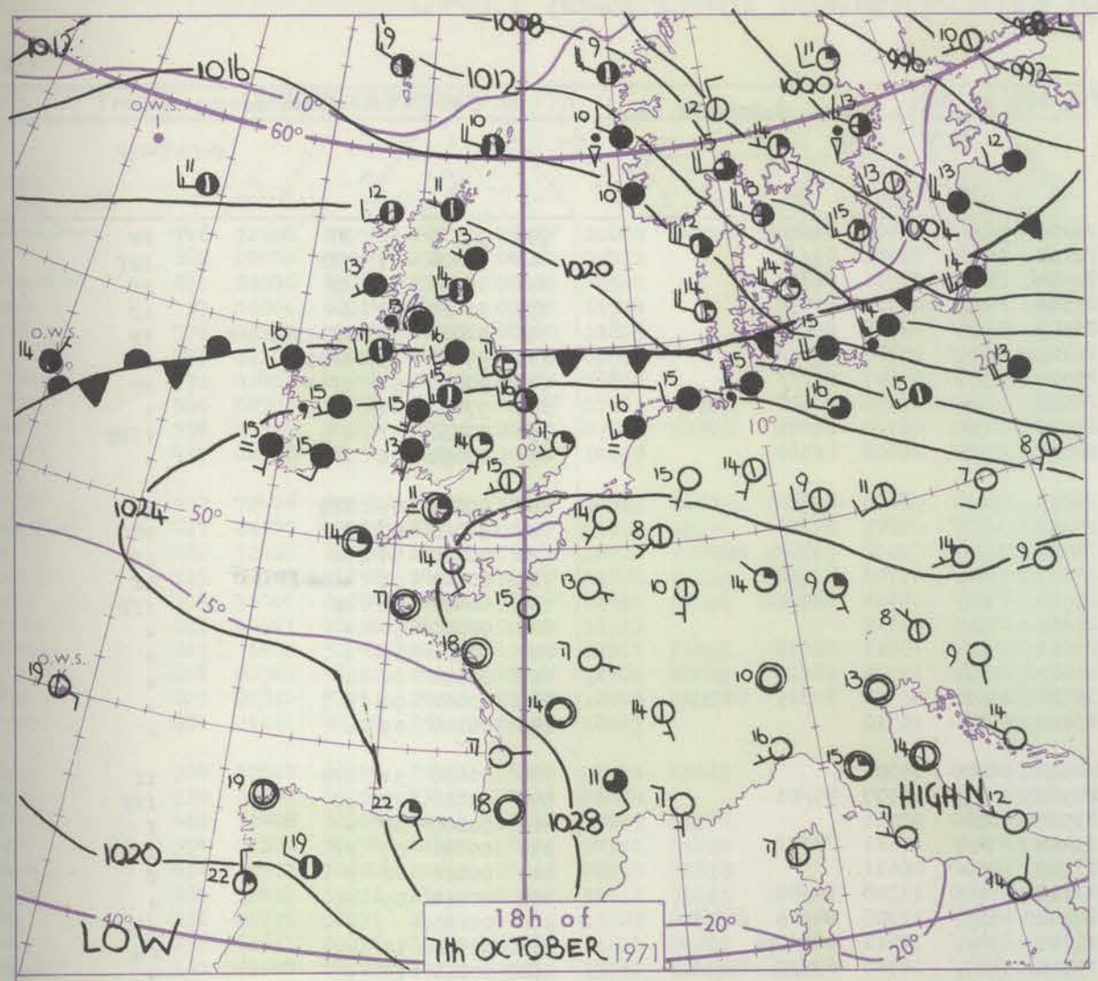
OCEAN WEATHER STATION REPORTS at 18h.

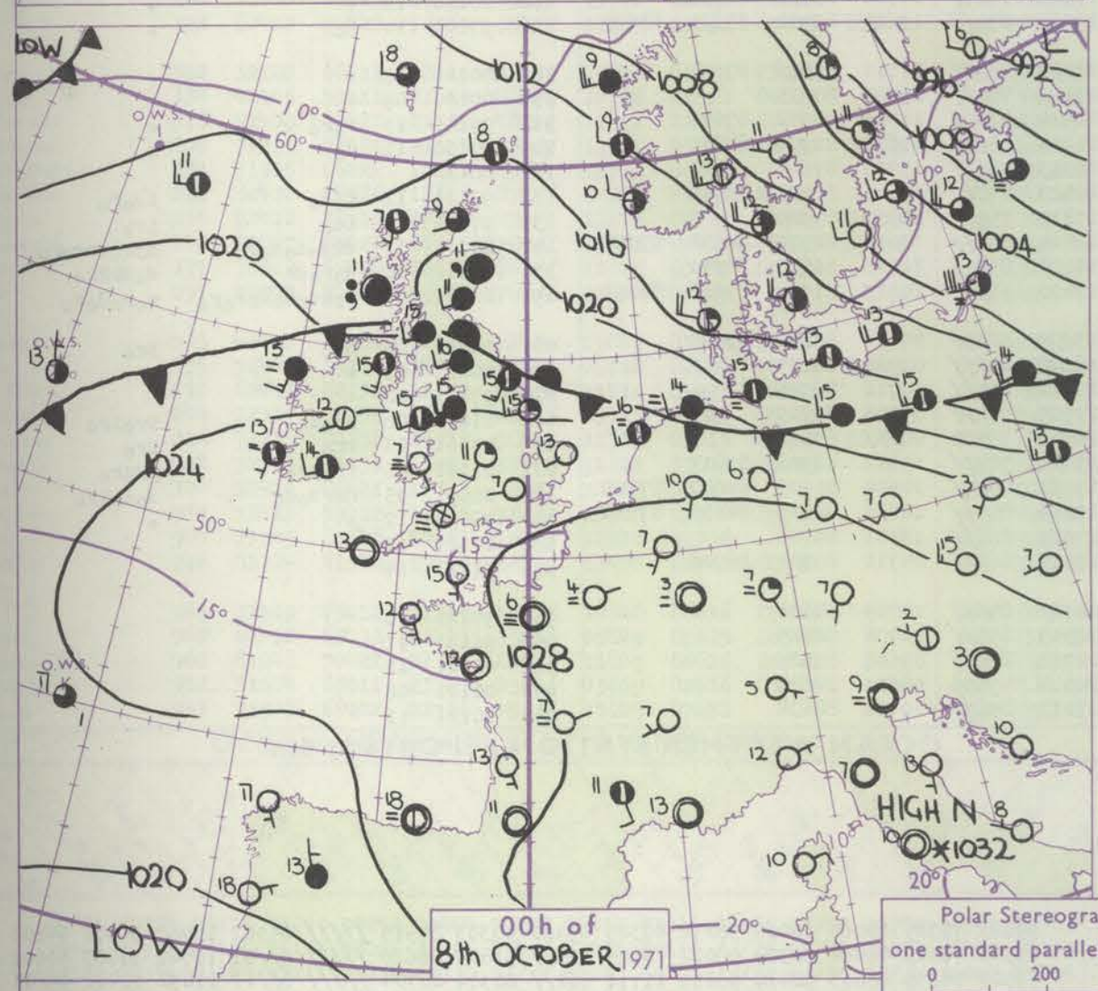
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_{ap}P$	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70320	07184	72511	99252	07105	69462	00809	82915	84820	0//02	10719	30502	04007
B	99562	70510	07184	72812	98022	12305	755//	41306	87620	/////	0//50	10642	30402	34603
C	99527	70357	07183	81923	95616	16911	2472/	00811	82712	88530	0//11	11110	30605	/////
D	99438	70408	07184	72414	98022	25918	22578	00611	82825	85365	0//12	11780	30401	30803
E	99349	70479	07184	11105	98021	26321	10740	00605	81359	/////	0//14	12374	30000	02803
I	99581	70160	07184	72614	98038	19110	754//	32602	84712	87625	0//10	11247	30303	24907
J	99523	70201	07184	70305	98022	22914	28472	00307	82818	83070	0//11	11483	30100	99/03
K	99453	70159	07184	11112	97011	23018	18500	00603	81820	/////	0//15	11767	30000	11604
M	99660	10020	07184	50214	97158	04606	49560	00225	84923	/////	05503	10937	30101	99605

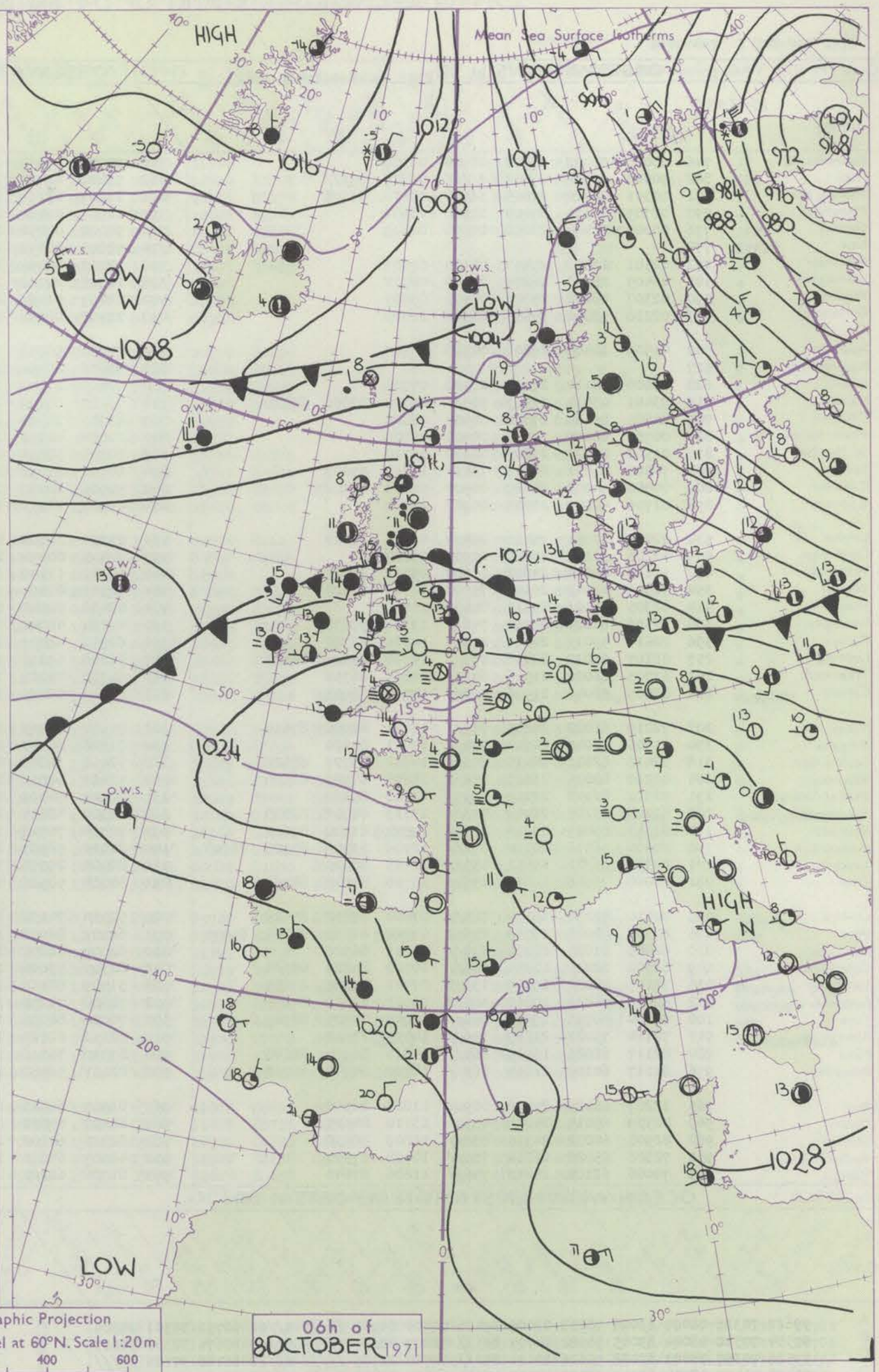
All times of observation printed in this publication are GREENWICH MEAN TIME.

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
8 OCTOBER 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 8 October 1971

The high over northern Italy persisted with the ridge being maintained over France and southern Englaand. The vigorous low over north Norway continued east with a trough southwestwards to a weak low southeast of Greenland. The cold front decelerated in an east/west position over southern Scotland, retarded by minor waves running eastwards along the front. During the next 24 hours the low south of the Denmark Strait is expected to move to the Faeroe Islands with some deepening. This will encourage the cold front, now lying along the Borders, to move southwards into England as a weak feature eroding the ridge over southern England.

Code FM 11.D **OBSERVATIONS at 00h.** 8 October 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	00000	03460	27507	00900	07709			
Hurn	862	90000	00434	27801	9////	01709	89///		
Thorney Island	871	10301	04410	27605	16000	05810	81700		
Manston	797	02705	40110	27409	00900	08804			
Gatwick	776	00000	00464	28002	00900	02809			
Kew	775								
Heathrow	772	02501	12400	27407	00900	07807			
Honington	586	02405	28101	26209	00900	08708			
Wattisham	590	02307	48020	26707	00900	05807			
Gorleston	497	02210	58051	25613	00900	12710			
Aberporth	502	01509	14404	26607	00900	07607			
Ross-on-Wye	627								
Filton	628	00000	28110	27408	00900	07708			
Rhoose	715	73401	03414	27507	763//	06706	82706	87710	
Chivenor	707	01005	05464	27606	00900	06806			
Mount Batten	827	00705	48100	27705	00900	05709			
St. Mawgan	817	01502	61020	27807	00900	06710			
Scilly	804	70000	61021	27213	755//	11710	87623		
Culdrose	809	00000	64050	28007	00900	06810			
Guernsey	894	01706	56050	27615	00900	14808			
Elmdon	534	22108	25051	25911	25500	09812	82622		
Cardington	559	02206	32100	26806	00900	05807			
Wittering	462	12607	40041	25612	15500	09811	81625		
Watnall	354	72305	23042	25113	75500	12713	87622		
Shawbury	414	02305	48101	25511	00900	11711			
Finningley	360	72506	62021	24215	756//	13711	87638		
Kilnsea	396	22614	59011	24615	20970	14806	82360		
Leeming	257	82107	66012	23016	854//	14714	85615	88625	
Tynemouth	262	62705	66022	21916	6093/	14814	86358		
Carlisle	222	82509	58046	21916	862//	15712	88705		
Valley	302	72219	61022	24815	753//	13711	81706	87614	
Ringway	334	71905	56045	24714	755//	13811	87620		
Squires Gate	318	82418	62616	24415	853//	14812	83707	88620	
Ronaldsway	204	82210	60015	23615	852//	14608	85703	88620	
Mull of Galloway	131	52312	81022	22114	5093/	13708	85360		
Eskdalemuir	162	82208	23105	21414	873//	13713	84707	88710	
Prestwick	135	82311	65025	20915	853//	14710	81708	87622	
Abbotsinch	140	80000	56516	20112	872//	12718	83704	85705	86708
Leuchars	171	82308	66216	19811	855//	11715	88620		
Dyce	091	80000	75506	19811	1567/	10710	81640	88462	
Lerwick	005	72610	74258	16108	784//	07804	85812	85625	
Wick	075	62302	80022	18709	25632	09712	82635	84362	85075
Sule Skerry	010	62805	81028	18111	635//	10711	86920		
Cape Wrath	049	62702	82016	18311	685//	10710	84820	86625	
Stornoway	026	72105	80032	19207	15538	07711	81625	87275	
Benbecula	022	62606	74016	19811	48402	10711	82818	84635	
Tiree	100	80000	40598	19811	862//	10716	84705	88709	
Aldergrove	917	72114	75022	21815	756//	14713	87642		
Malin	980	82117	81026	19915	864//	14814	86714	88640	
Belmullet	976	82117	60105	21815	863//	14710	84708	88716	
Birr	965	12207	66025	25012	00902	11607	81070		
Dublin	969	42309	65015	24214	45500	13710	84625		
Shannon	962	82908	60032	24715	856//	11809	88630		
Roches Point	952	72308	65022	26014	755//	10708	87627		
Valentia	953	72006	62102	25413	756//	11606	87640		

OBSERVATIONS at 06h. 8 October 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	90000	00474	26101	9////	01705	89/00		
862	93401	01454	26101	9////	01708	89///		
871	23601	10114	25504	25400	04711	82617		
797	12507	06410	25506	15701	06709	81650		
776	90000	00454	26102	9////	02708	89///		
775	92602	00454	25405	9////	05707	89///		
772	92702	00454	25504	9////	04607	89///		
586	12306	24110	24006	15540	06710	81620		
590	12405	01464	24703	00902	02710	81075		
497	22408	48050	24010	20970	08706	82360		
502	71907	56052	24809	755//	08808	87620		
627	92402	00454	25602	9////	02605	89/00		
628	72601	17104	25809	763//	09502	83709	86712	
715	73403	60104	25509	764//	09703	87712		
707	81106	06414	25905	860//	05706	88700		
827	00000	48100	25804	00900	04710			
817	80306	58051	25611	854//	10711	88612		
804	80702	61032	25113	855//	12714	88623		
809	50906	28100	25808	22430	08710	82815	84359	
894	01507	20110	25414	00900	14710			
534	02304	30104	24405	00900	05706			
559	92407	00474	24905	9////	05707	89/01		
462	02705	11100	23507	00900	07711			
354	82311	01464	23410	871//	10611	88702		
414	02406	50044	23507	00900	06611			
360	42204	48041	22312	45600	11708	84640		
396	62512	48021	22113	4557/	12708	84625	86360	
257	82008	69036	20815	854//	12611	88615		
262	62707	74022	19316	3563/	14710	83630	86358	
222	82410	62035	19515	854//	13611	83714	85620	88625
302	71917	61022	22614	754//	11711	82616	87624	
334	71706	30041	23111	754//	09607	87615		
318	72418	70026	22414	754//	13706	82712	87620	
204	52413	62012	21414	55300	11612	81709	84640	
131	72021	74022	19313	756//	13713	87645		
162	82309	48205	19013	873//	12616	85708	88712	
135	72314	70022	17815	755//	12617	87620		
140	82015	58585	16614	854//	13614	82710	84614	87622
171	80000	29596	16911	852//	11713	86703	88640	
091	80000	58586	17410	5537/	10713	81708	85616	88459
005	52510	74158	13809	5843/	07710	83812	83620	
075	62302	82032	16208	656//	07710	86635		
010	62509	66808	15511	635//	10716	86925		
049	82305	59608	15909	874//	09708	88710		
026	31905	82016	16508	35530	08714	83628		
022	72808	74258	17411	783//	11612	82708	85814	
100	70000	80036	17711	4537/	10608	81707	84640	87359
917	82112	62022	19614	854//	12712	82711	84618	87650
980	83310	30536	17913	862//	13505	88704		
976	82115	56586	19515	862//	14711	85704	88708	
965	81907	66021	22713	856//	10709	88636		
969	82407	65022	22313	855//	10706	88625		
962	82010	62102	22712	855//	09608	88625		
952	42607	65011	24013	45500	08613	84624		
953	81708	62102	23113	856//	10712	88638		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97510	52	FF	FF
862	97000	51	fFF	FFf
871	00030	52	fF	Ff
797	97050	01	+	if
776	91010	52	if-iF-f-FF	FF
775	97020	53	ifFF	FF
772	97040	51	ifiF	FF
586	97050	01	+	+
590	97031	51	+	ifFF
497	00090	06	+	+
502	00061	04	fFF	+
627	97021	50	f	FF
628	00060	50	if	if
715	00041	01	~~iFFF~~FFiFiF	if
707	00031	02	ff	ffF
827	00040	50	+	+
817	00060	51	+	+
804	00130	06	+	+
809	00061	00	+	+
894	00140	09	+	+
534	00130	51	ifF	if
559	00020	52	+	fFF
462	00060	02	+	f
354	00091	07	ff	ffFF
414	00060	02	f	f
360	00110	09	+	+
396	00130		+	+
257	97150	14	r_o	r_o
262	00150	12	+	+
222	97140	14	d_o	+
302	00140	13	+	+
334	00100	09	+	+
318	97140	13	r_or_o	+
204	97130	11	d_o	+
131	00130			
162	92131	12	ffd_o	id_or_o
135	97131	13	id_o	ir_o
140	04111	11	$ddd_od_od_or_o$	$d_or_od_rr_or_o$
171	09112	10	$d_or_od_r$	$d_od_rR_r$
091	02091	09	$r_oid_od_od_or_or_o$	$r_or_od_or_o$
005	01071	06	pr_o	pr_o
075	00061	03	+	+
010	97101	08		
049	01091	08	pr_oir_o	pr_oir_o
026	97061	03	ir_o	ir_o
022	01101	06	ir_opr_o	pR_pr_o
100	05091	05	$R_rr_od_od_o$	$d_od_oir_o$
917	00131	12	+	+
980	04121	12		
976	91131	14		
965	97121	10		
969	96131	11		
962	00121	12		
952	00121	08		
953	00121	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_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$ITwTwTwT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70326	08004	63008	98258	07005	69400	00001	84915	/////	0//02	10751	30301	04804
B	99554	70510	08004	83005	98022	14505	855//	41207	88620	/////	0//50	10674	30301	34603
C	99526	70357	08003	82028	95616	12111	872//	00720	81705	/////	0//12	11108	30605	/////
D	99438	70407	08004	62313	98022	25517	11578	00804	81820	84360	0//15	11769	30502	30803
E	99350	70480	08004	31010	98020	26720	31400	00105	83815	/////	0//15	12309	30301	02802
I	99583	70166	08004	72517	98022	17011	784//	71715	83818	87625	05207	11244	30605	/////
J	99523	70201	08004	43406	98011	23613	38402	11804	83818	/////	0//11	11483	30100	99/03
K	99454	70160	08004	61210	97021	23817	68500	00001	84820	83650	0//14	11763	30000	11604
M														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$ITwTwTwT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70325	08064	63014	98258	07305	69400	00303	84915	/////	05501	10760	30301	04803
B	99548	70512	08064	81304	98022	13805	855//	51805	88620	/////	0//01	10742	30000	30602
C	99527	70355	08063	82414	96105	11711	862//	00304	88704	/////	0//11	11092	30402	99/05
D	99440	70410	08064	72314	98032	23317	25530	00609	82625	87357	0//16	11778	30503	/////
E	99349	70479	08064	31309	98020	25221	32400	00709	83810	/////	0//17	12333	30301	02802
I	99587	70179	08064	82418	98602	10211	854//	71733	85712	88620	05110	11204	30606	99/06
J	99525	70199	08064	73005	99031	21513	756//	00612	87635	/////	0//09	11495	30100	99/03
K	99451	70159	08064	71110	97031	22517	756//	00607	87633	/////	0//14	11760	30000	11604
M	99660	10019	08064	80910	97616	05105	7752/	00707	87722	/////	05703	10928	30101	99605

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40133

Date of Issue Saturday 9 October 1971

OBSERVATIONS at 12h. — 8 October 1971

Code FM 11.D

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	72104	37054	24711	762//	10809	84704	87708	
Hurn	862	00000	57054	25214	00900	09712			
Thorney Island	871	02606	61054	25015	00900	08500			
Manston	797	02806	62014	24018	00900	11714			
Gatwick	776	02302	57284	24913	00900	11809			
Kew	775	02305	40054	24512	00900	08814			
Heathrow	772	02405	40054	24513	00900	08812			
Honington	586	62706	32054	23910	663//	07801	86707		
Wattisham	590	22710	40014	23710	26300	07808	82708		
Gorleston	497	02408	48050	22814	00900	10807			
Aberporth	502	72406	62052	23414	755//	10811	81620	87628	
Ross-on-Wye	627	81902	48054	23711	864//	09717	88710		
Filton	628	72410	60052	24514	754//	10810	82712	87622	
Rhoose	715	83105	58052	24514	884//	11806	81812	88615	
Chivenor	707	70000	61054	24516	784//	12810	84818	84625	
Mount Batten	827	00901	48050	24517	00900	11713			
St. Mawgan	817	11402	50051	24117	11400	12811	81815		
Scilly	804	80903	56022	24014	855//	12708	88623		
Culdrose	809	20810	57051	24316	21400	12805	82818		
Guernsey	894	01611	40050	25016	00900	14807			
Elmdon	534	32512	62034	23413	35500	08714	83622		
Cardington	559	02507	59054	23414	00900	08814			
Wittering	462	12408	58024	22514	16300	09809	81708		
Watnall	354	22309	58054	22414	28401	10710	81810		
Shawbury	414	22512	72020	22616	20402	08713	82818		
Finningley	360	32410	59011	21219	35500	12811	83625		
Kilnsea	396	22716	56031	21515	00901	13807	82075		
Leeming	257	62615	89016	19817	45549	11811	84620	85170	
Tynemouth	262	62620	66022	17717	2553/	13712	82625	86360	
Carlisle	222	82412	70022	18915	854//	12807	83710	85618	88640
Valley	302	32120	66011	22315	38400	09705	81819	83630	
Ringway	334	42106	59011	21815	48400	10712	81818	84625	
Squires Gate	318	52419	75021	21517	48502	11811	81820	84637	
Ronaldsway	204	72215	61012	20515	784//	11811	81818	83630	85656
Mull of Galloway	131	71915	66022	18613	65631	12705	86645		
Eskdalemuir	162	82410	23506	18313	872//	12705	83703	88707	
Prestwick	135	82412	28516	17813	870//	13803	82701	84703	86705
Abbotsinch	140	72807	82026	17215	784//	13001	81712	83820	87650
Leuchars	171	72402	69026	16613	763//	11806	85707	87714	
Dyce	091	72903	80026	16413	785//	10806	86820		
Lerwick	005	42413	82258	12010	23430	09808	81912	83362	
Wick	075	72408	89142	14713	58501	08712	82824	84628	85075
Sule Skerry	010	62413	82038	13312	43504	11711	84925	86075	
Cape Wrath	049	72305	85036	13711	4257/	09715	84820	87360	
Stornoway	026	72215	80252	14912	50402	11713	83815	84625	86075
Benbecula	022	72314	84151	15913	32402	11813	83815	86075	
Tiree	100	32410	89021	17714	20402	10802	82817		
Aldergrove	917	72213	59012	19015	763//	13706	83708	87710	
Malin	900	73105	80206	18613	763//	12601	87706		
Belmullet	976	83204	61506	19714	862//	13400	82703	88710	
Birr	965	72209	75012	21914	6567/	10808	86636	87460	
Dublin	969	62412	65012	21115	15532	09809	81625	86360	
Shannon	962	81908	70022	22115	855//	11805	86628	86645	
Roches Point	952	31604	65011	23115	25501	09809	82626	83072	
Valentia	953	71908	65102	22716	756//	11805	87638		

OBSERVATIONS at 18h. — 8 October 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	00000	40051	22113	00900	11508			
Hurn	862	12005	23050	22214	00901	12509	81075		
Thorney Island	871	11805	29050	22513	00901	11711	81075		
Manston	797	12207	48050	22113	00901	12503	81080		
Gatwick	776	12406	40050	22212	00901	10607	81080		
Kew	775	22601	48050	22111	25400	10604	82617		
Heathrow	772	32402	50051	22014	35400	11607	83619		
Honington	586	02812	50051	21312	00900	09505			
Wattisham	590	02605	28050	21410	00900	08505			
Gorleston	497	02103	32050	20713	00900	07708			
Aberporth	502	12008	61051	20313	15600	10717	81630		
Ross-on-Wye	627	71902	48051	21513	764//	11604	87715		
Filton	628	72402	56051	22314	755//	11607	87625		
Rhoose	715	40000	58051	22113	45400	10607	84616		
Chivenor	707	01202	58111	21814	00900	11607			
Mount Batten	827	01202	56050	22014	00900	12507			
St. Mawgan	817	41608	37100	22013	46200	13506	83705		
Scilly	804	30903	48051	21314	35400	13709	83615		
Culdrose	809	80702	31101	22013	854//	13508	82616	88625	
Guernsey	894	11510	50050	22416	00902	13606	81075		
Elmdon	534	12106	56011	21111	15500	09606	81625		
Cardington	559	22605	58051	22011	25600	09500	82630		
Wittering	462	02409	48040	20811	00900	08704			
Watnall	354	12407	58020	20311	15501	09604	81625		
Shawbury	414	32605	58040	20712	35630	08504	83635		
Finningley	360	32506	56041	19415	35601	10502	83645		
Kilnsea	396	62413	48031	18815	6097/	12609	86460		
Leeming	257	62612	59042	18614	2544/	10802	82618	85368	
Tynemouth	262	62715	61022	16915	55531	13605	85625		
Carlisle	222	82211	48506	17514	853//	12505	82706	86709	88615
Valley	302	82216	61041	19915	884//	12712	81815	88626	
Ringway	334	73105	58021	20014	755//	09602	87620		
Squires Gate	318	72417	70031	19614	65642	10607	86645		
Ronaldsway	204	82211	62202	18614	7542/	11608	87617	88460	
Mull of Galloway	131	82120	63022	16814	3562/	12009	83640	88460	
Eskdalemuir	162	82210	28536	16613	871//	12504	87702	88705	
Prestwick	135	72902	65025	16913	754//	12503	82710	86617	87632
Abbotsinch	140	72707	86022	16613	755//	10500	81620	87630	
Leuchars	171	72506	80032	14713	14602	09501	81630	87070	
Dyce	091	82206	62041	13912	35607	11608	83630	88270	
Lerwick	005	82416	58616	07709	872//	09720	86705	88708	
Wick	075	72513	84028	11512	60432	09711	82818	85628	85362
Sule Skerry	010	82324	58638	09411	874//	11721	88710		
Cape Wrath	049	72318	74606	10110	774//	08719	87718		
Stornoway	026	82416	61618	12011	5642/	11711	85718	88550	
Benbecula	022	82619	70218	13512	7042/	11615	82812	87635	88460
Tiree	100	72612	84158	15412	50332	10807	81708	83816	85359
Aldergrove	917	82210	30586	17014	861//	13505	83702	85703	88707
Malin	900	52611	86012	17312	10432	10706	81816	83359	
Belmullet	976	72803	80035	18812	46432	11502	83718	83359	86070
Birr	965	82107	66022	19914	6567/	11608	86636	88460	
Dublin	969	82309	65022	19214	854//	11607	86716	88645	
Shannon	962	82208	70022	19715	855//	12710	86628	86645	
Roches Point	952	52105	60101	20913	25601	11507	82638	85072	
Valentia	953	81906	65102	20614	856//	12608	88638		

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00170	031	FF	if
Hurn	862	97180	064	f	fFF
Thorney Island	871	00180	088	+	F
Manston	797	00190		+	+
Gatwick	776	00190	055	FFf	ifF
Kew	775	00160	054	Ff	f1FFF
Heathrow	772	00170	055	Ff	+
Honington	586	97170		f	+
Wattisham	590	00151	060	F	+
Gorleston	497	00140	089	+	+
Aberporth	502	00151	009	+	+
Ross-on-Wye	627	00160	029	F	f
Filton	628	00150	009	+	+
Rhoose	715	00160	024	+	+
Chivenor	707	00171	080	+	+
Mount Batten	827	00190	085	+	+
St. Mawgan	817	00180	085	+	+
Scilly	804	00150	000	+	+
Culdrose	809	00170	090	+	+
Guernsey	894	00180	097	+	+
Elmdon	534	00150	075	+	+
Cardington	559	00170	067	+	+
Wittering	462	00160	066	f	+
Watnall	354	00170	052	+	+
Shawbury	414	00160	089	+	+
Finningley	360	00190	072	+	+
Kilnsea	396	00150	080	+	+
Leeming	257	00180	029	+	+
Tynemouth	262	00170	004	+	+
Carlisle	222	01161	001	ir_o	r_od_oRdr
Valley	302	00170	056	+	+
Ringway	334	00180	062	+	+
Squires Gate	318	00170	051	+	+
Ronaldsway	204	97160	017	+	d_o
Mull of Galloway	131	91161			
Eskdalemuir	162	03131	000	$r_od_or_od_o$	$d_or_od_odddrr$
Prestwick	135	01151	000	$id_od_or_odr$	+
Abbotsinch	140	91161	010	r_or_o	+
Leuchars	171	92171	043	r_o	+
Dyce	091	00161	043	+	+
Lerwick	005	04121	018	pr_o	iRr_or_o
Wick	075	97141	024	pr_o	pr_o
Sule Skerry	010	03122			
Cape Wrath	049	01111	022	+	ir_o
Stornoway	026	03132	010	pr_o	$pr_or_or_o$
Benbecula	022	01141	028	pr_o	pr_oir_opr
Tiree	100	97151	071	pr_o	pr_o
Aldergrove	917	05152	000	+	d_o-$d_or_or_rr_or_o$
Malin	900	0414	011		
Belmullet	976	0115	009		
Birr	965	0014	000		
Dublin	969	0015	027		
Shannon	962	0015	000		
Roches Point	952	9716	071		
Valentia	953	0016	000		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

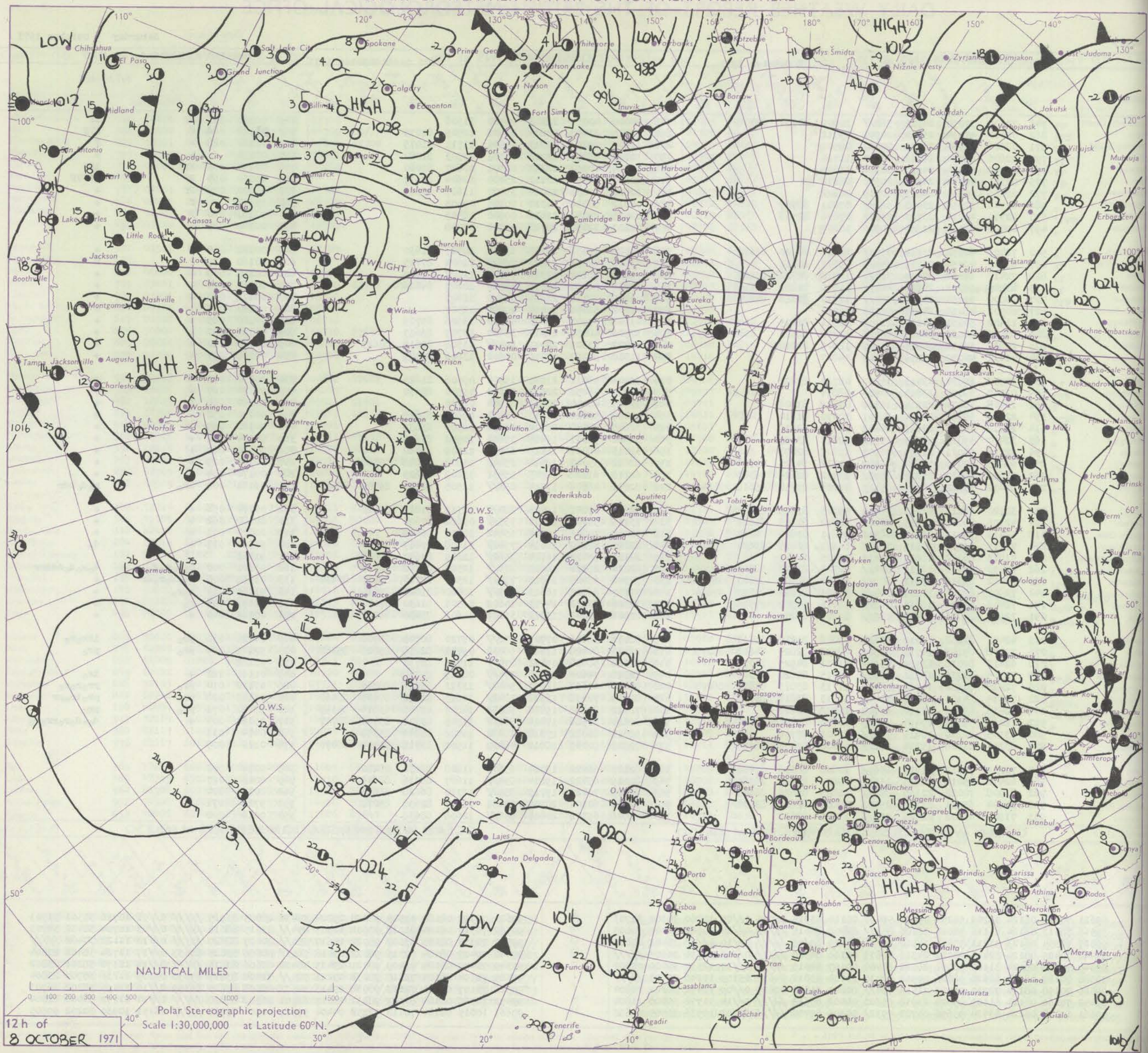
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70324	08124	73209	98252	09404	59402	00114	83915	86065	0//00	10760	30301	31703
B	99548	70513	08124	81116	98026	12206	854//	82400	88615	/////	0//04	10762	30402	34603
C	99527	70354	08123	93211	95454	14510	9////	00229	89/03	/////	0//10	1////	30402	27605
D	99440	70409	08124	82415	98022	24318	40877	00106	84360	/////	0//16	11731	30603	/////
E	99349	70479	08124	31105	98021	26522	38400	00107	82815	/////	0//17	12332	30000	05802
I	99588	70187	08124	62620	98026	09912	58430	71104	83812	84630	05109	11240	30703	/////
J	99526	70198	08124	72715	98022	21514	784//	00803	81818	87625	0//09	11492	30201	26804
K	99452	70160	08124	61109	97022	23918	65600	00002	86633	/////	0//14	11778	30000	11804
M	99661	10018	08124	83524	95696	05702	7732/	00306	87708	/////	06302	10936	30405	99606

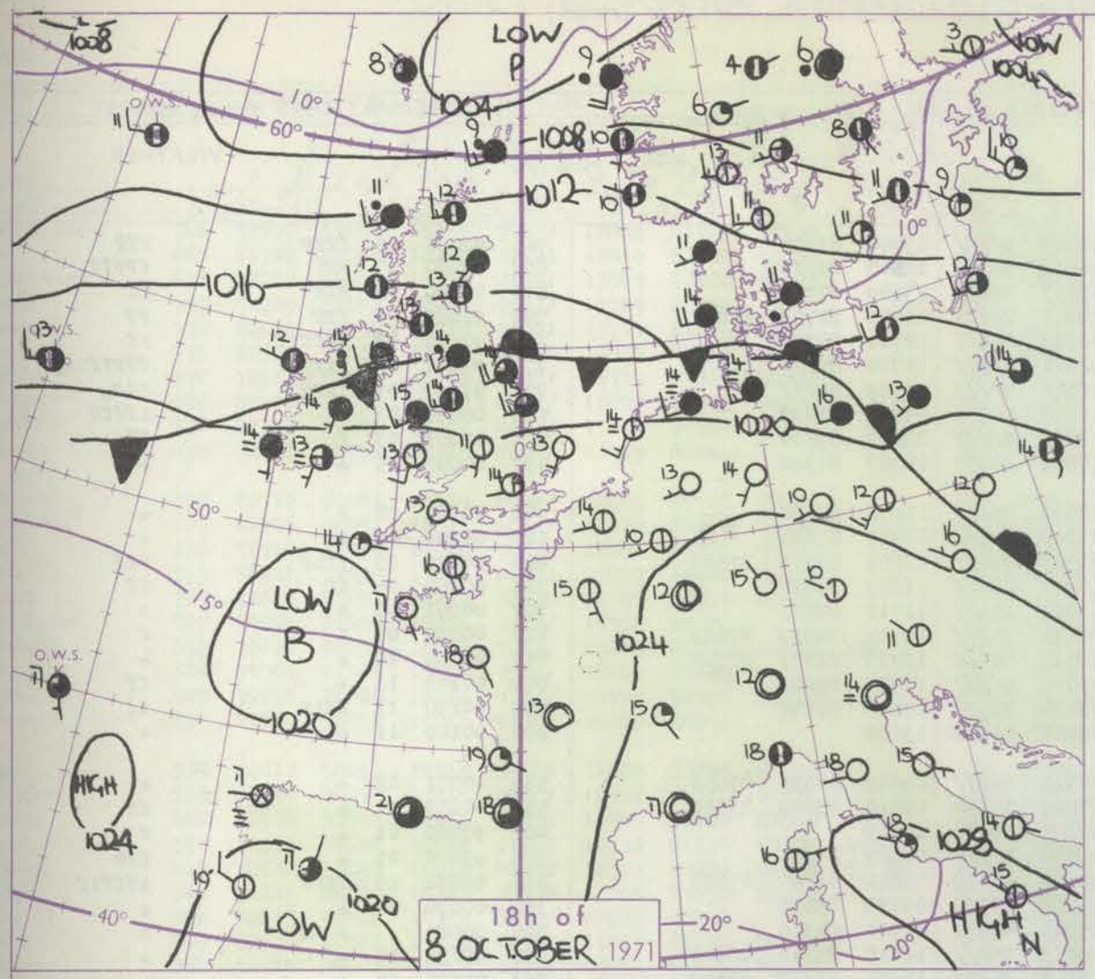
OCEAN WEATHER STATION REPORTS at 18h.

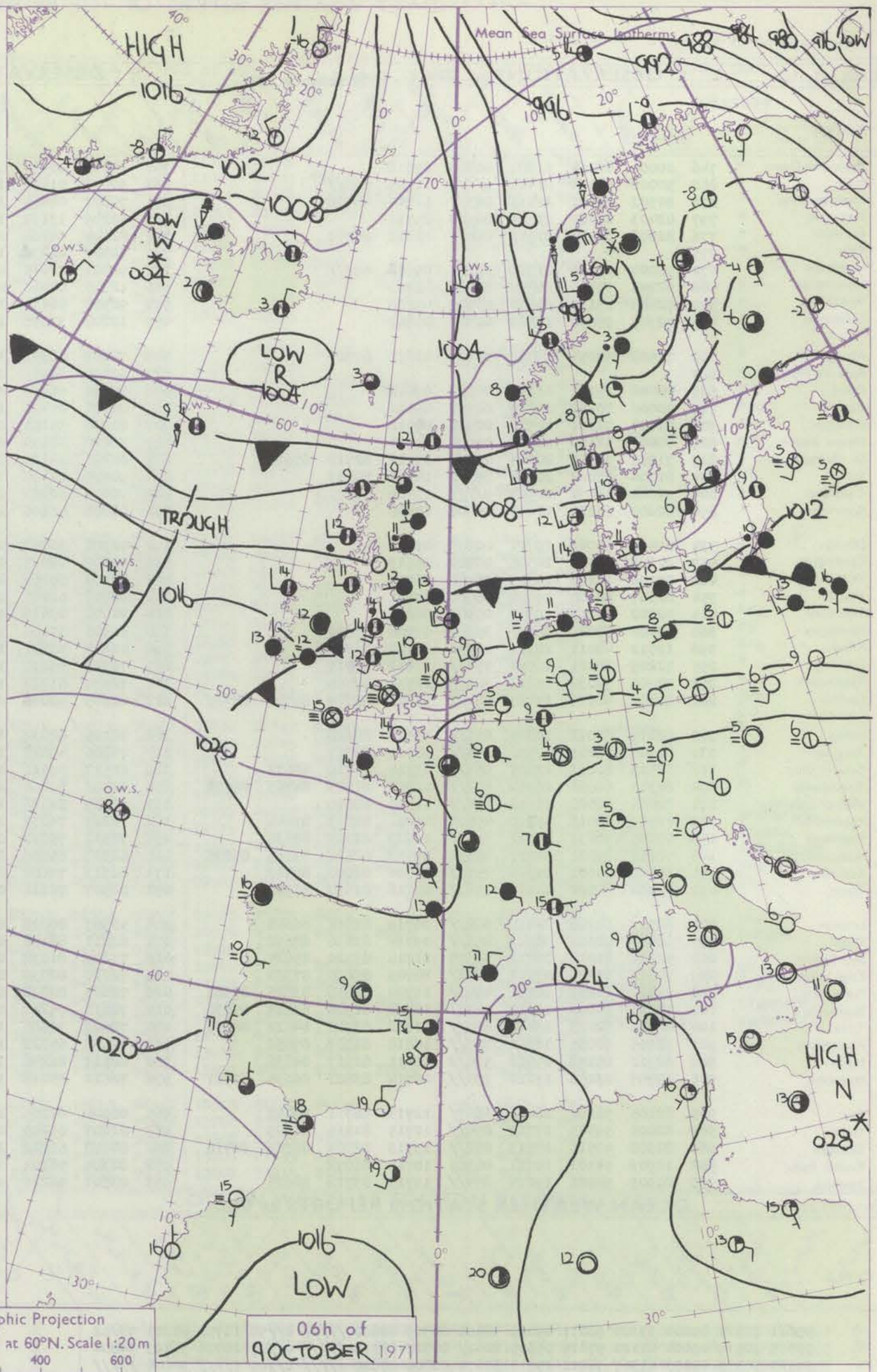
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70323	08184	43505	98028	09204	39432	00805	81915	/////	0//51	10716	30301	31703
B	99562	70510	08184	81016	97602	10305	854//	83515	88618	/////	0//03	10704	30402	34703
C	99527	70353	08183	83607	98022	15610	854//	00107	88620	/////	0//10	11128	30402	/////
D	99440	70407	08184	72315	98022	23418	785//	00606	82825	87633	0//17	11724	30402	27804
E	99349	70480	08184	41409	98021	25423	48400	00606	83815	/////	0//19	12370	30201	05802
I	99589	70194	08184	72610	98038	09211	784//	71804	83815	87630	05209	11235	30704	23804
J	99526	70197	08184	72613	98038	19413	3457/	00606	83625	86359	0//10	11495	30202	26703
K	99452	70160	08184	61507	98031	23217	62501	00302	86820	/////	0//14	11772	30000	11804
M	99661	10015	08184	70118	97258	04404	59561	00504	85915	/////	06151	10930	30202	99605

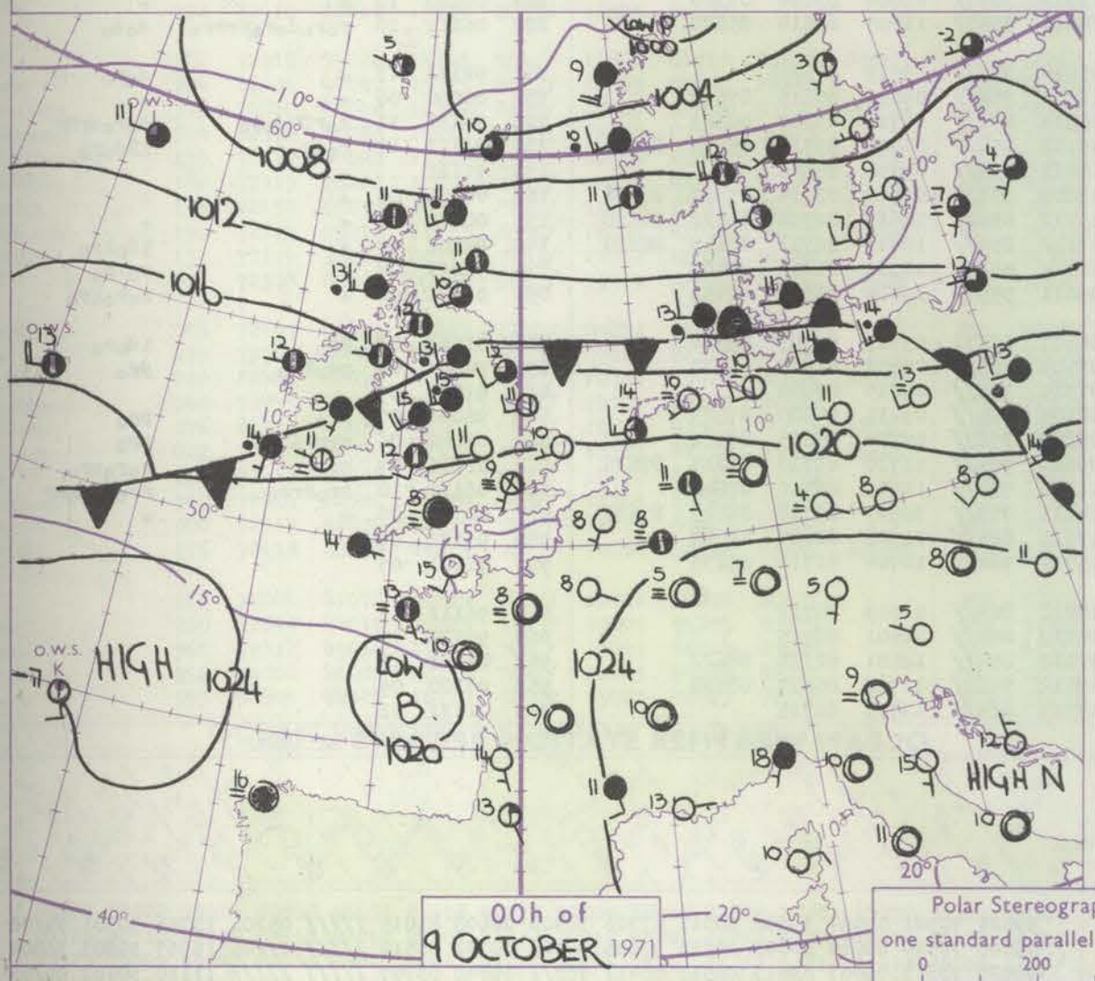
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 Saturday 9 October 1971

The anticyclone over western Europe has moved steadily southeast and is expected over the central Mediterranean by tomorrow morning. Pressure has remained low over Iceland and northern Scandinavia, maintaining a southwesterly airstream over the British Isles with an almost stationary frontal zone across Northern Ireland to Denmark but is now expected to move slowly southeast and weaken. A cold trough between southeast Iceland and the Faeroes has moved southeast and now extends southwestwards across the Cromarty Firth. It is expected to move southeast into Denmark during the next 24 hours bringing a northwesterly airstream into most parts, temporarily, before backing to southwest with the approach of a further trough of low pressure from the west. This trough should have reached central districts of the British Isles by tomorrow morning.

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

Code FM 11.D

OBSERVATIONS at 00h. — 9 October 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	00000	02464	21207	00900	07712			
Hurn	862	90000	01434	21411	9////	11809	89///		
Thorney Island	871	80302	07421	21511	863//	11710	88706		
Manston	797	02403	01460	21309	00900	09712			
Gatwick	776	82606	04424	21512	860//	12812	88701		
Kew	775								
Heathrow	772	92004	01410	21109	9////	09612	89///		
Honington	586	02205	15100	20009	00900	08709			
Wattisham	590	02405	23110	20608	00900	07710			
Gorleston	497	02305	58050	19810	00900	09712			
Aberporth	502	71908	48051	19712	755//	11811	87628		
Ross-on-Wye	627								
Filton	628	00000	19111	21110	00900	09612			
Rhoose	715	00000	20281	20610	00900	09712			
Chivenor	707	01005	32101	20610	00900	09712			
Mount Batten	827	00000	32100	20909	00900	09711			
St. Mawgan	817	71205	32051	20514	754//	13712	82710	87618	
Scilly	804	81104	58022	20214	855//	14712	88623		
Culdrose	809	91002	01474	20913	9////	13809	89/01		
Guernsey	894	02008	63020	21415	00900	13808			
Elmdon	534	02410	50041	19711	00900	09713			
Cardington	559	02108	20110	20306	00900	06613			
Wittering	462	02106	16100	19307	00900	06714			
Watnall	354	02507	28100	19108	00900	07711			
Shawbury	414	02202	37111	19507	00900	06811			
Finningley	360	30000	37040	18308	35600	07708	83630		
Kilnsea	396	12512	48011	18111	10930	09708	81360		
Leeming	257	72209	62021	16914	754//	11812	87615		
Tynemouth	262	72305	74032	15213	7097/	12713	87360		
Carlisle	222	82408	40636	15713	872//	13812	83704	85706	88709
Valley	302	82219	62012	18315	855//	13614	88628		
Ringway	334	81705	50041	18910	854//	08710	88617		
Squires Gate	318	82515	62602	17815	854//	13714	83710	88622	
Ronaldsway	204	82311	61036	16914	872//	12713	81703	84705	88709
Mull of Galloway	131	80000	82022	15911	856//	11705	88640		
Eskdalemuir	162	42507	66016	15710	45500	09812	82623	83641	
Prestwick	135	72405	70031	15812	754//	11709	81615	87638	
Abbotsinch	140	72210	89031	14711	35534	09718	82620	83365	85075
Leuchars	171	62410	80031	13310	2573/	08714	82650	86362	
Dyce	091	72404	80022	11611	1563/	08716	81630	87362	
Lerwick	005	62517	80258	04410	684//	10719	82815	86640	
Wick	075	82413	80608	08911	856//	09714	83636	88650	
Sule Skerry	010	52524	81018	06712	53500	11718	83920	85625	
Cape Wrath	049	72316	83028	07611	5253/	10709	85820	87360	
Stornoway	026	72512	66256	10011	4843/	11708	82818	83625	87361
Benbecula	022	72613	62808	11612	5837/	12713	81708	83814	85630
Tiree	100	82514	62628	13413	854//	11712	83712	84622	88635
Aldergrove	917	72705	70036	16811	783//	10810	81707	87650	
Malin	980	62312	86258	15912	584/2	11611	82817	84636	
Belmullet	976	72707	83258	17212	735//	10714	83821	86635	81921
Birr	965	82105	58206	18413	6647/	12713	86711	88458	
Dublin	969	82408	59505	17713	854//	12715	81815	88629	
Shannon	962	82308	40516	18513	872//	13713	82704	86706	88710
Roches Point	952	12903	58101	19711	00901	10712	81072		
Valentia	953	81905	58606	19214	854//	13713	83718	88625	

OBSERVATIONS at 06h. — 9 October 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	90000	01454	18509	9////	09708	89/00		
Hurn	862	90000	01454	18812	9////	12510	89///		
Thorney Island	871	70802	08464	18613	762//	13609	87704		
Manston	797	52209	13104	18911	26201	11707	82703	85075	
Gatwick	776	82104	14284	18713	861//	12710	88702		
Kew	775	92303	02434	18611	9////	11710	89///		
Heathrow	772	92001	04434	18611	9////	11709	89///		
Honington	586	12306	07410	17808	00902	07708	81078		
Wattisham	590	92308	00454	18308	9////	08607	89/00		
Gorleston	497	12208	32050	17609	10930	08707	81360		
Aberporth	502	72009	48052	17312	756//	11608	87630		
Ross-on-Wye	627	82104	24052	17212	855//	12717	88625		
Filton	628	70000	06414	18407	754//	06609	83714	87630	
Rhoose	715	81106	05424	17911	855//	11610	88620		
Chivenor	707	81004	35101	17912	856//	11710	88633		
Mount Batten	827	70000	48104	18611	752//	10705	84703	87629	
St. Mawgan	817	81706	14102	18514	860//	13703	86701	88704	
Scilly	804	90000	04474	18015	9////	15713	89/00		
Culdrose	809	70000	02464	18414	763//	13708	87706		
Guernsey	894	01808	56100	18914	00900	13609			
Elmdon	534	72308	30051	17310	756//	09609	84635	87656	
Cardington	559	42106	08424	17809	35630	09810	83640	83365	
Wittering	462	02305	09460	17307	00900	07809			
Watnall	354	92406	02471	16908	9////	08607	89/01		
Shawbury	414	70000	03414	16508	15638	06611	81640	87275	
Finningley	360	51906	37101	15509	55500	09710	85625		
Kilnsea	396	52318	58031	15010	40971	09712	84360		
Leeming	257	71703	69032	14013	754//	11610	83714	86645	
Tynemouth	262	72604	81022	13512	3567/	11604	83630	87360	
Carlisle	222	82605	58016	14012	5547/	11607	83614	85620	88460
Valley	302	72119	62032	15814	755//	13611	87626		
Ringway	334	71806	40042	16311	754//	09609	85615	87656	
Squires Gate	318	82517	59516	15314	854//	13710	83617	88623	
Ronaldsway	204	82403	61606	15112	854//	08705	83715	85630	88650
Mull of Galloway	131	52309	84026	14411	556//	09708	85645		
Eskdalemuir	162	72207	74031	13808	35638	07607	83634	83362	87270
Prestwick	135	72511	75022	13212	6542/	10610	82714	83622	86638
Abbotsinch	140	82310	65586	12112	854//	10611	82712	86617	88620
Leuchars	171	82313	70602	10711	4567/	10710	84645	88460	
Dyce	091	82507	70616	09611	5557/	10604	85622	88459	
Lerwick	005	53307	80028	04607	28231	07313	81705	83362	
Wick	075	62811	82158	07509	28531	07802	81825	85070	
Sule Skerry	010	73209	81038	07310	735//	09215	87920		
Cape Wrath	049	72710	82038	08109	785//	09211	84820	87625	
Stornoway	026	72603	80028	09209	3567/	09704	83635	87362	
Benbecula	022	72611	75218	09811	784//	11710	81710	83814	87635
Tiree	100	72509	70606	11112	754//	11609	83710	87640	
Aldergrove	917	72508	65022	14911	753//	10707	83708	84623	87645
Malin	980	82617	82258	13512	885//	11708	81820	88640	
Belmullet	976	72611	84018	15714	784//	10704	81716	87635	
Birr	965	80000	62205	17212	864//	11603	88712		
Dublin	969	82807	65205	16112	864//	11501	88715		
Shannon	962	80000	62026	17112	854//	12601	82716	88622	
Roches Point	952	82304	58101	17812	5567/	11709	85637	88458	
Valentia	953	83501	50216	17713	864//	13705	88715		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	92060	03	ffFF	FFf
Hurn	862	97080	07	FFf	fFFff
Thorney Island	871	00090	06	Fff	ff
Manston	797	91081	06	fFF	FF
Gatwick	776	97100	10	FFff1f	1f
Kew	775	97071	02	FffFFf	fFFff1d_o
Heathrow	772	97090	07	1FFF	ffd_o
Honington	586	00070	03	+	1fffF
Wattisham	590	00061	03	f	FF
Gorleston	497	00080	05	+	+
Aberporth	502	00111	08	+	+
Ross-on-Wye	627	00100	06	+	+
Filton	628	00050	03	1f1F	1ff
Rhoose	715	00080	05	1f	ff
Chivenor	707	00091	08	+	+
Mount Batten	827	00090	04	f	f
St. Mawgan	817	00130	12	+	+
Scilly	804	00140	13	+	ff
Culdrose	809	00130	11	FF1f	1f
Guernsey	894	00140	11	+	+
Elmdon	534	00071	02	+	+
Cardington	559	00050	01	+	ff
Wittering	462	97060	01	+	f
Watnall	354	97070	01	+	fFF
Shawbury	414	00030	00	1f1F	1Fff1f
Finningley	360	00070	04	+	+
Kilnsea	396	00080		+	+
Leeming	257	00130	10	+	+
Tynemouth	262	00120	10	+	+
Carlisle	222	06111	10	$r_or_od_or_or_Rrrr_o$	d_od_o
Valley	302	92141	13	+	d_or_o
Ringway	334	00090	08	+	+
Squires Gate	318	04131	11	$r_or_oDRd_or_o$	d_or_odrRr
Ronaldsway	204	03111	11	r_or_od	1Rd_or_o
Mull of Galloway	131	91111			
Eskdalemuir	162	00071	03	+	+
Prestwick	135	00101	07	+	+
Abbotsinch	140	92101	07	+	$1d_or_o$
Leuchars	171	92091	08	+	r_or_o
Dyce	091	01101	08	+	$r_or_or_o$
Lerwick	005	01061	03	pr_o	$1d_or_o$
Wick	075	94081	06	pr_or_o	pr_o
Sule Skerry	010	91091	07		
Cape Wrath	049	96091	07	pr_o	pr_o
Stornoway	026	01082	06	$rrpr_o$	pr_o
Benbecula	022	01111	09	$prpr_o$	$r_or_opr_o$
Tiree	100	06111	10	ir_orrr_o	rr_oRir_opr
Aldergrove	917	00101	09	+	+
Malin	980	93121	09		
Belmullet	976	91101	07		
Birr	965	96111	11		
Dublin	969	96121	11		
Shannon	962	01121	12		
Roches Point	952	97100	05		
Valentia	953	01131	11		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70322	09004	33308	98011	09005	38500	00709	82820	/////	0//50	10752	30301	99/02
B	99565	70510	09004	81121	97616	05305	8042/	00727	88515	/////	0//05	10786	30403	34804
C	99527	70353	09003	61307	98012	15711	51470	00808	85620	/////	0//09	1////	30000	/////
D	99440	70409	09004	22013	98011	23717	20941	00801	82362	/////	0//17	11707	30402	/////
E	99351	70487	09004	31511	98021	26322	22460	62106	82815	/////	0//19	12375	30301	05802
I	99589	70194	09004	62712	98021	09111	684//	00706	82815	86630	05208	11220	30503	23804
J	99526	70198	09004	72520	98028	19013	5847/	51805	81818	85625	0//10	11495	30202	99/04
K	99452	70159	09004	11408	97011	24017	10940	00803	81363	/////	0//15	11761	30000	11804
M	99661	10018	09004	73518	97158	03503	2957/	00810	82925	/////	06154	10926	30203	99605

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70321	09064	30308	98011	07706	38400	00608	81815	/////	05201	10756	30301	99/02
B	99565	70510	09064	80623	96616	97605	8042/	00732	88510	/////	0//05	10767	30603	36804
C	99527	70353	09063	81417	96512	08411	863//	00848	88707	/////	/////	11110	30402	99/03
D	99440	70408	09064	02214	98020	20817	09000	00617	/////	/////	0//17	11738	30402	/////
E	99352	70493	09064	22106	98018	24922	28400	62708	81815	/////	0//17	12370	30301	05802
I	99589	70194	09064	72913	98801	07509	784//	00506	86818	84630	05508	11230	30503	23704
J	99524	70200	09064	72515	98028	16314	2567/	00612	82635	87358	0//12	11502	30303	27804
K	99452	70155	09064	31606	97021	22817	25730	21607	82650	/////	0//14	11769	30000	11803
M	99661	10018	09064	43118	98158	04003	39560	00205	83930	/////	06154	10916	30202	99504

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40134

Date of Issue Sunday 10 October 1971

Code FM 11.D

OBSERVATIONS at 12h. — 9 October 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	72607	58054	17715	754//	12809	81710	87630	
Hurn	862	62707	57054	18218	31501	12810	83820	86070	
Thorney Island	871	42207	56054	18318	21501	13807	82820	84075	
Manston	797	72709	50052	18017	754//	14709	87615		
Gatwick	776	62610	57054	17719	21401	13711	82818	85075	
Kew	775	62505	59035	17317	42402	13815	84818	84075	
Heathrow	772	72511	58025	17518	48401	11714	83818	84075	
Honington	586	82108	37054	17012	853//	11808	85706	88630	
Wattisham	590	82308	19285	17312	860//	11810	82701	88704	
Gorleston	497	72107	40051	16915	7092/	13709	87460		
Aberporth	502	82712	62501	17014	854//	12806	85710	88640	
Ross-on-Wye	627	62406	48051	16517	685//	12810	81820	85625	
Filton	628	72708	32054	17916	785//	12808	83820	87635	
Rhoose	715	52911	57054	17816	22401	13807	82814	84075	
Chivenor	707	72607	57051	18217	38434	13706	82817	85075	
Mount Batten	827	90000	01475	18814	9////	14706	89/00		
St. Mawgan	817	70000	56052	18618	783//	13803	81707	83810	87645
Scilly	804	70000	02464	19115	755//	15101	87623		
Culdrose	809	70000	26206	18716	783//	14001	82706	83710	87630
Guernsey	894	42307	58050	19016	41302	15602	84808		
Elmdon	534	62612	58052	16316	31481	11809	83817	83075	
Cardington	559	82310	48054	17215	854//	12712	84710	88630	
Wittering	462	72508	48044	15916	11531	11809	81820	83360	87075
Watnall	354	72312	48044	15516	11488	12710	81814	83275	87080
Shawbury	414	72612	59044	16016	48532	11707	82825	84635	87076
Finningley	360	72809	58042	14917	35738	11806	83650	85359	87272
Kilnsea	396	82413	48022	14314	8097/	12814	88460		
Leeming	257	62813	82012	14015	68500	11803	82822	85650	
Tynemouth	262	52714	74022	12914	31530	09806	83825	85360	
Carlisle	222	42510	80011	13615	28540	11805	82822		
Valley	302	72912	74026	16115	754//	12803	81710	83626	87650
Ringway	334	82206	40042	15515	855//	10805	85620	88650	
Squires Gate	318	72810	80016	15314	6843/	12805	82815	83626	85656
Ronaldsway	204	62312	89026	15015	61431	11706	82712	85815	
Mull of Galloway	131	72312	84022	13713	75631	10705	86645		
Eskdalemuir	162	72313	78022	12813	784//	10806	82712	85822	87638
Prestwick	135	72412	65016	12513	7843/	11808	82712	85620	87645
Abbotsinch	140	72211	65216	11413	6543/	12809	81710	85616	86360
Leuchars	171	72314	78026	09715	7853/	11712	86820	84656	
Dyce	091	72308	82606	08515	5857/	09711	82825	84656	87462
Lerwick	005	72607	82031	05809	11402	04802	81815	87075	
Wick	075	72702	84808	07311	6853/	09810	82820	86635	
Sule Skerry	010	62002	82018	06811	4357/	10712	83920	84625	86360
Cape Wrath	049	72705	83038	06310	785//	10720	84820	87625	
Stornoway	026	81911	45638	06312	5532/	12724	83707	85626	88550
Benbecula	022	72320	80258	07313	6833/	13721	81709	83616	86640
Tiree	100	72418	82038	09715	48432	12712	82712	83359	
Aldergrove	917	72410	82022	14214	783//	11808	82708	85816	
Malin	980	72417	82038	12015	784//	11812	85818	86645	
Belmullet	976	72419	82032	14815	7847/	12710	81716	83635	86459
Birr	965	72804	81022	17014	785//	10806	84820	86635	
Dublin	969	62809	84012	15815	52532	09807	85825	83070	
Shannon	962	72312	85036	17216	785//	10805	86828	83640	
Roches Point	952	70000	81022	18114	784//	12803	84714	87630	
Valentia	953	52805	82025	18716	58500	13000	82822	84638	

OBSERVATIONS at 18h. — 9 October 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	72604	58052	17415	755//	11306	84620		
Hurn	862	62408	40052	18016	45601	13307	84630	86070	
Thorney Island	871	72406	56051	17815	35501	13206	83628	83070	86075
Manston	797	72302	44052	17016	65531	14307	83623	85640	
Gatwick	776	72204	56052	17115	755//	12305	87622		
Kew	775	62501	48052	17215	15602	11307	81640	86075	
Heathrow	772	52503	58012	17115	15601	11306	81630	85075	
Honington	586	72406	40052	16013	45602	10305	84635	85075	
Wattisham	590	62606	56012	16613	25632	10309	82635	86075	
Gorleston	497	72003	36052	15714	7097/	12303	87360		
Aberporth	502	72305	56055	17113	754//	12206	81710	87620	
Ross-on-Wye	627	72402	63021	16716	755//	14312	87627		
Filton	628	62409	56041	17714	25632	12310	82640	84360	85075
Rhoose	715	72709	60031	17815	784//	12309	81815	87622	
Chivenor	707	72706	61051	18215	754//	13210	82712	87630	
Mount Batten	827	72605	40104	18815	754//	14307	84710	87630	
St. Mawgan	817	22907	48051	18914	25400	13208	81710		
Scilly	804	20000	59034	19514	15632	12308	81630		
Culdrose	809	43408	40051	18614	45600	12106	81630	84645	
Guernsey	894	70000	30052	18314	55632	14302	85640	85363	
Elmdon	534	62805	56052	16115	655/1	11309	84625	84640	
Cardington	559	72307	32051	16715	756//	12309	86635	87650	
Wittering	462	32406	58011	15813	35600	11307	83645		
Watnall	354	72708	40042	15414	754//	12307	85612	86618	
Shawbury	414	62606	61046	16014	654//	12107	81711	83624	
Finningley	360	42906	48046	14814	25531	10110	82625		
Kilnsea	396	52717	48216	14114	25571	12308	82625	84360	
Leeming	257	62309	85032	13213	15631	09000	81630	83368	85075
Tynemouth	262	72714	66022	11514	1157/	09705	81825	87359	
Carlisle	222	72310	74021	12313	784//	11708	82712	87645	
Valley	302	72213	82021	15515	784//	12000	81818	87630	
Ringway	334	52402	58022	15313	28401	10005	81815	84070	
Squires Gate	318	52613	82021	14814	14541	11801	81625	85075	
Ronaldsway	204	72413	86031	14014	55532	11606	82625	84656	86075
Mull of Galloway	131	72518	84032	12314	756//	10708	87640		
Eskdalemuir	162	82213	66808	11312	883//	10710	84709	86820	88632
Prestwick	135	82414	57608	10613	7547/	11711	81712	85620	87645
Abbotsinch	140	72216	56588	09013	754//	12717	81712	83622	86640
Leuchars	171	72318	68012	07413	58432	11712	83816	83645	85070
Dyce	091	72213	82028	05014	5553/	09717	81628	85645	
Lerwick	005	72010	82252	02309	784//	07723	85815	86630	
Wick	075	72209	69218	02011	6343/	10728	83712	81920	86625
Sule Skerry	010	72305	81016	01412	735//	12724	87920		
Cape Wrath	049	72705	82016	01811	785//	11705	84820	87625	
Stornoway	026	62509	62016	04012	6843/	11307	81710	85814	
Benbecula	022	72617	70808	05413	783//	13001	83706	84812	85630
Tiree	100	72518	62218	07413	783//	13605	82706	83815	85635
Aldergrove	917	72312	75022	12814	754//	11503	83715	87622	
Malin	980	82424	40518	10613	7637/	13608	87708	88458	
Belmullet	976	82417	78022	13615	5647/	13802	84717	83635	88459
Birr	965	52205	80031	16413	485/2	10503	81822	84638	
Dublin	969	72409	82022	15114	756//	11802	87635		
Shannon	962	62512	83022	16514	38532	11806	81825	83360	
Roches Point	952	52507	81021	17714	25601	13103	82635	85070	
Valentia	953	72204	83038	17814	78400	12602	81819	87640	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97180	014	ff	+
Hurn	862	00190	027	+	+
Thorney Island	871	00190	059	+	+
Manston	797	00200		+	+
Gatwick	776	00200	023	+	+
Kew	775	97180	022	id_o	+
Heathrow	772	97190	017	d_o	
Honington	586	00160		+	+
Wattisham	590	97161	009	FFd_off	+
Gorleston	497	00150	013	+	+
Aberporth	502	97151	011	d_od_o	+
Ross-on-Wye	627	00180	047	+	+
Filton	628	00190	049	+	+
Rhoose	715	97180	048	+	ir_o
Chivenor	707	00181	050	+	+
Mount Batten	827	97150	000	$ffFFid_oif$	+
St. Mawgan	817	00180	019	+	+
Scilly	804	00170	043	ff	if
Culdrose	809	91170	000	FFd_orid_o	+
Guernsey	894	00190	075	+	+
Elmdon	534	00170	039	+	+
Cardington	559	00170	025	+	+
Wittering	462	00180	033	+	+
Watnall	354	00160	011	jp	+
Shawbury	414	97180	024	+	ir_o
Finningley	360	97190	018	+	r_o
Kilnsea	396	97170	008	+	ir_o
Leeming	257	00170	048	+	+
Tynemouth	262	00160	039	+	+
Carlisle	222	97161	027	+	pr_o
Valley	302	92160	022	$d_or_oir_o$	+
Ringway	334	00150	003	+	+
Squires Gate	318	01161	048	rr_o	+
Ronaldsway	204	00160	059	+	+
Mull of Galloway	131	00150			
Eskdalemuir	162	94141	012	pr_o	$pr_od_or_od_o$
Prestwick	135	92151	009	ir_opr_o	pr_oir_o
Abbotsinch	140	02151	005	ir_opr_o	$d_or_od_or_orr$
Leuchars	171	97161	030	+	pr_o
Dyce	091	97161	012	ir_opr_o	ir_o
Lerwick	005	92111	048	+	pr_o
Wick	075	09121	021	pr_oir_o	rrr_or_o
Sule Skerry	010	05122			
Cape Wrath	049	17112	004	pr_oRR	RR
Stornoway	026	09132	001	pr_oir_oR	Rir_o
Benbecula	022	03141	003	pr_oir_or	ir_opr_opr
Tiree	100	05151	028	$pr_oir_odrr_or$	$r_od_or_oRpR$
Aldergrove	917	00150	006	+	+
Malin	980	0315	015		
Belmullet	976	0016	006		
Birr	965	0017	026		
Dublin	969	0016	046		
Shannon	962	9717	050		
Roches Point	952	0017	028		
Valentia	953	9717	055		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

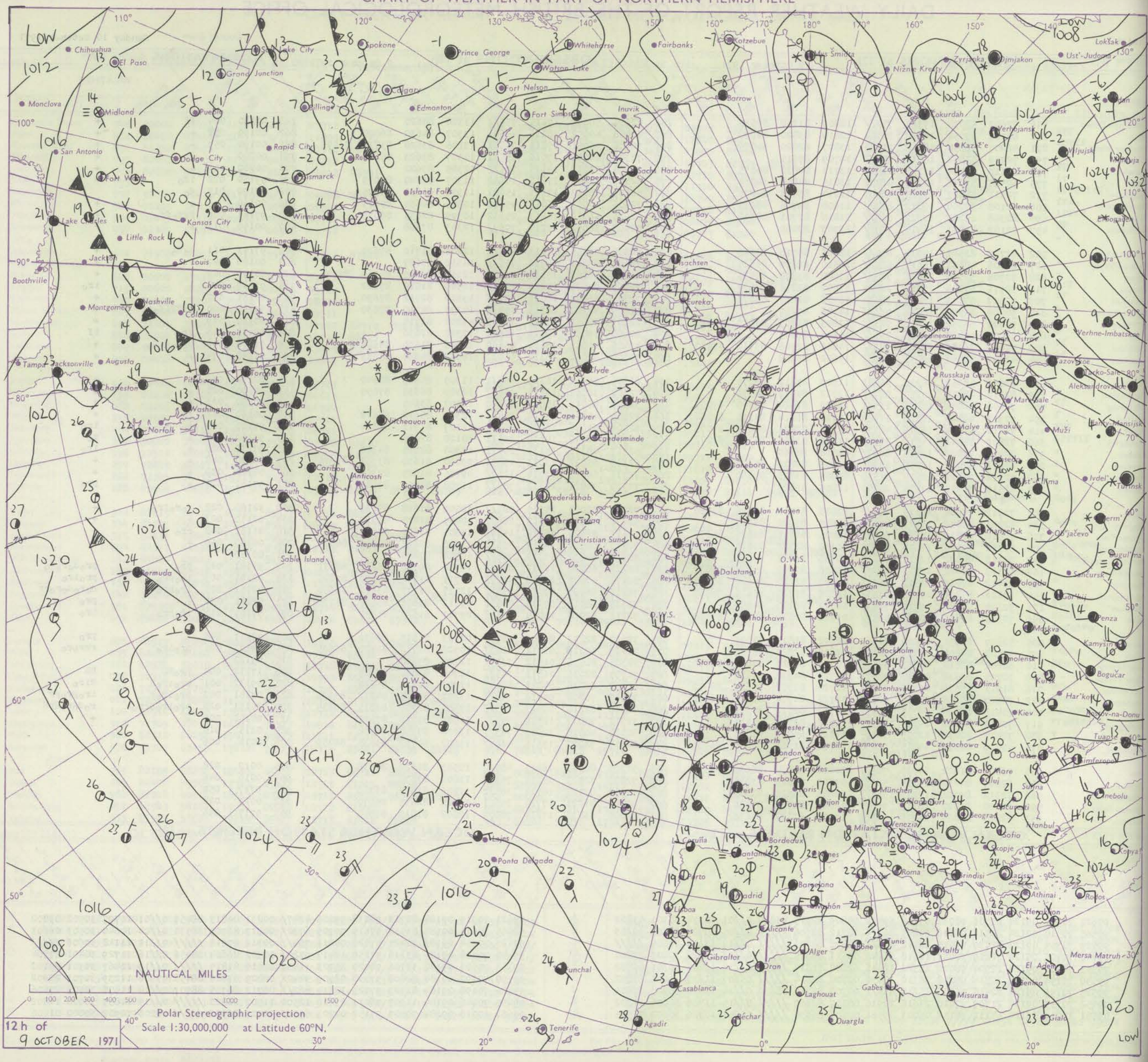
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70320	09124	60706	98031	05106	59472	00809	82915	83820	0//01	10774	30301	03802
B	99565	70510	09124	83517	94516	94805	863//	00712	88706	/////	0//05	10724	30402	99/03
C	99529	70354	09123	82030	55615	00412	873//	00826	88701	/////	0//12	11113	30605	/////
D	99440	70405	09124	72219	98031	19318	61442	00511	86815	/////	0//17	11728	30403	27804
E	99353	70500	09124	22504	98020	26322	12441	62208	81815	/////	0//18	12406	30301	05802
I	99590	70194	09124	32814	98258	06310	38450	00708	82814	/////	05307	11237	30603	23802
J	99525	70199	09124	82418	96502	15214	854//	00708	83710	88630	0//14	11478	30303	27805
K	99452	70153	09124	21707	97010	24618	20930	00107	82360	/////	0//15	11760	30000	11802
M	99661	10019	09124	63112	98152	05003	49561	00104	84930	/////	06252	10920	30202	01505

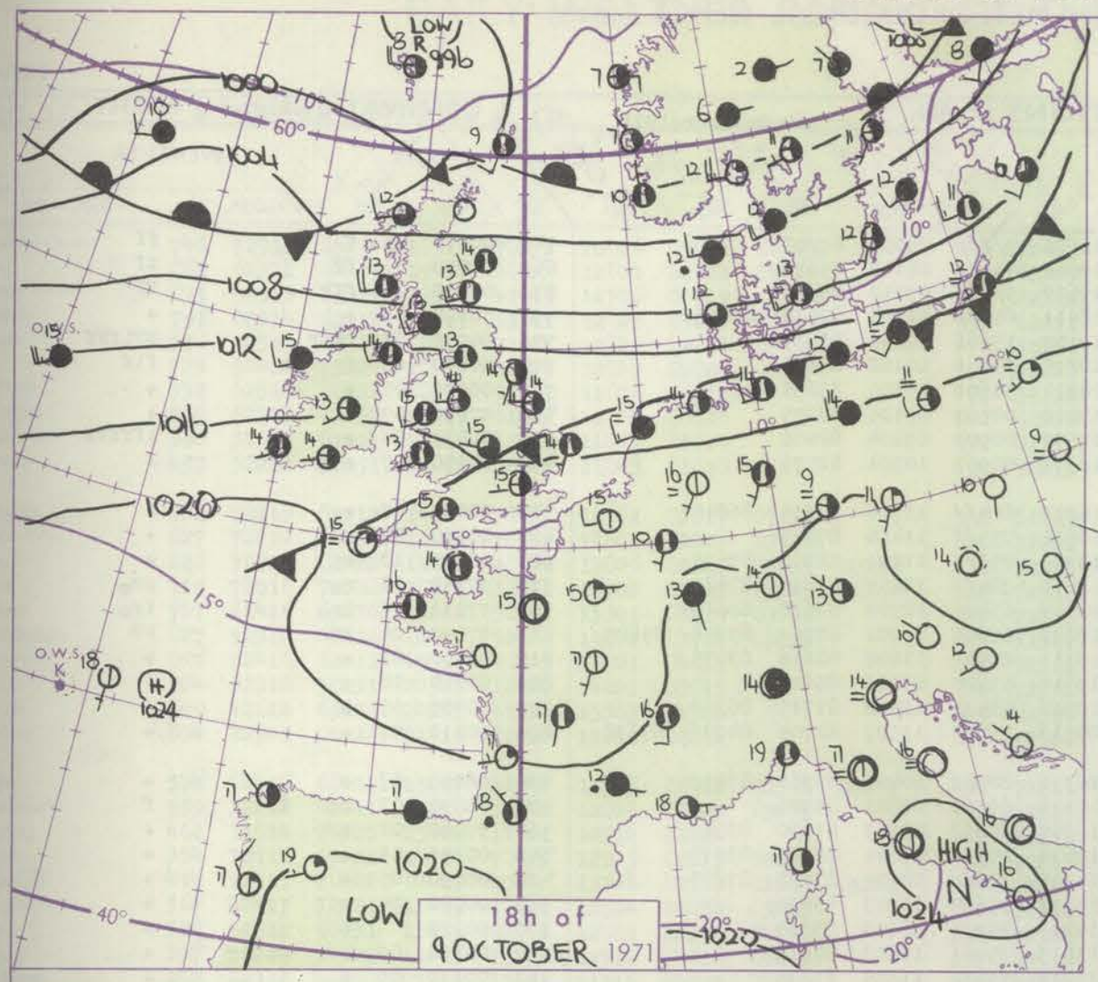
OCEAN WEATHER STATION REPORTS at 18h.

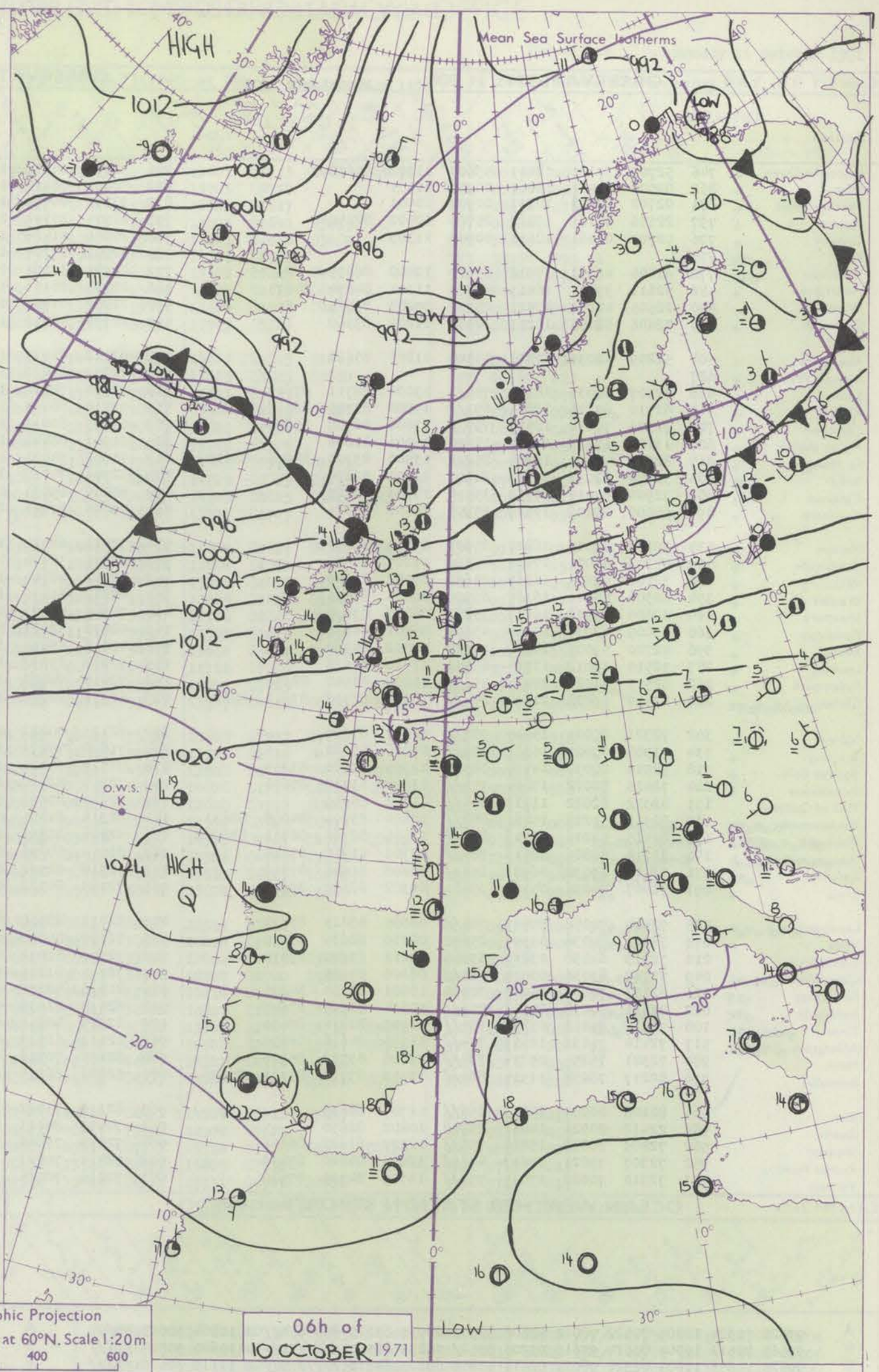
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70319	09184	80712	98038	99206	4247/	00831	84815	88457	0//01	10797	30502	03802
B	99565	70511	09184	83518	97615	97705	6732/	00317	86709	88530	0//04	10640	30503	06603
C	99527	70354	09183	72425	97026	00611	754//	00312	87618	/////	0//10	11118	30606	/////
D	99440	70408	09184	83118	97258	18417	6722/	00302	86804	88456	0//16	11729	30401	27804
E	99353	70501	09184	32706	98020	25023	11435	00610	81815	/////	0//19	12467	30301	29102
I	99590	70192	09184	82608	97038	02509	3442/	00829	83616	88458	05506	11239	30703	22902
J	99526	70198	09184	82323	97025	12214	862//	00712	86705	88707	0//14	11478	30405	27806
K	99455	70146	09184	11907	98011	23618	12500	11502	81820	/////	0//15	11833	30000	11802
M	99661	10018	09184	70509	97152	02203	6956/	00717	86930	/////	06200	10902	30000	01606

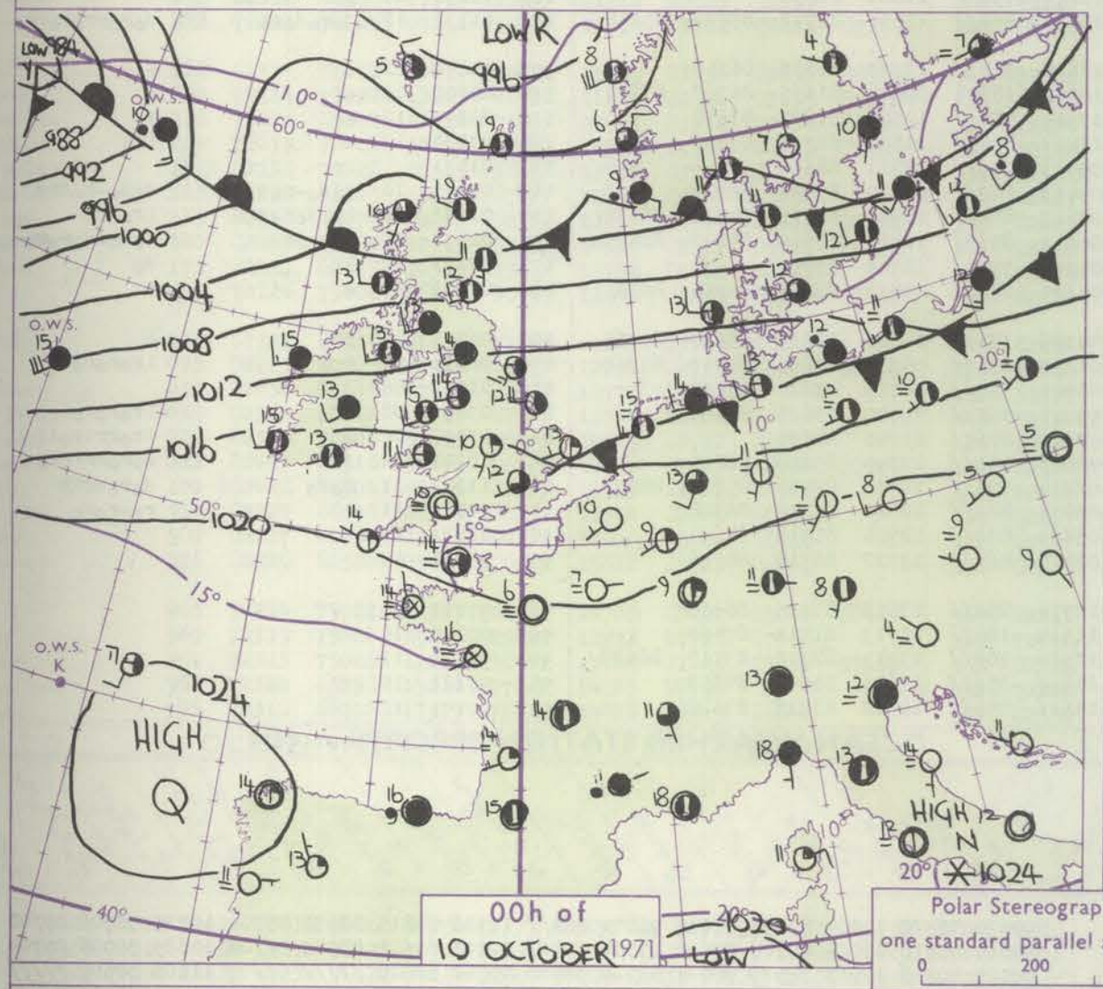
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 10 October 1971

The weak frontal zone over central districts of the British Isles has moved south-eastwards into the Continent. The small lows over Norway and near the Faeroes have moved eastwards and deepened ahead of a rapidly advancing Atlantic low which has deepened and moved to a position near O.W.S. 'I'. Pressure remains high from the Azores through northern Spain to Italy. During the next 24 hours considerable cyclonic activity can be expected over northern districts of the British Isles as the Atlantic low deepens further and becomes slow moving.

Code FM 11.D **OBSERVATIONS at 00h.** 10 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	52703	37101	18411	55600	11202	85632		
Hurn	862	00000	02461	18811	00900	11501			
Thorney Island	871	02702	07464	18711	00900	10001			
Manston	797	22506	40101	17812	25700	12002	82650		
Gatwick	776	02703	01461	18611	00900	11303			
Kew	775								
Heathrow	772	62404	45051	17912	65600	10400	86635		
Honington	586	52611	37051	16413	45701	11101	84650	84075	
Wattisham	590	22505	40051	17011	25500	09203	82625		
Gorleston	497	32406	58051	16213	30930	11205	83360		
Aberporth	502	52209	62031	17011	55500	11808	85620		
Ross-on-Wye	627								
Filton	628	72507	66031	18115	754//	13000	84711	87619	
Rhoose	715	62510	60216	17814	653//	13802	83706	86615	
Chivenor	707	72306	70012	18515	763//	13000	86709	85625	
Mount Batten	827	13101	11401	19710	15700	10001	81656		
St. Mawgan	817	82608	40101	19714	852//	13000	83704	84706	88610
Scilly	804	32904	82031	20314	21501	11701	82820		
Culdrose	809	32904	67011	19913	35500	13303	82622		
Guernsey	894	50000	20102	19614	55500	14000	85626		
Elmdon	534	32107	63011	16810	25601	09001	82630		
Cardington	559	42308	40051	17412	45600	11107	84638		
Wittering	462	32506	48030	16310	25601	09002	82640		
Watnall	354	62308	48041	16110	65500	09400	86626		
Shawbury	414	32604	66011	16111	35602	08605	83630		
Finningley	360	42005	62030	14910	45600	08801	84630		
Kilnsea	396	42720	59030	14112	40970	10802	84360		
Leeming	257	72510	83012	12714	65541	11710	86628		
Tynemouth	262	82515	81021	10414	4567/	10809	84640	88358	
Carlisle	222	82412	69028	11614	854//	12806	82716	83619	88626
Valley	302	72321	80021	15015	757//	12807	87650		
Ringway	334	71908	70021	15312	755//	09806	87622		
Squires Gate	318	52516	80031	14414	38530	12705	83820	83359	
Ronaldsway	204	72416	82022	13814	754//	11802	83714	87650	
Mull of Galloway	131	82322	82022	11213	856//	11708	88640		
Eskdalemuir	162	82316	59218	10711	882//	10804	83705	84709	88631
Prestwick	135	82415	58216	09913	853//	12501	82706	86711	88622
Abbotsinch	140	72314	80806	08613	784//	12702	81710	87814	
Leuchars	171	72411	69038	06912	1563/	10206	81645	87362	
Dyce	091	71807	84036	05111	35631	09302	83632	87075	
Lerwick	005	72514	74258	99809	784//	08605	83815	87635	
Wick	075	72911	80036	03309	25632	08010	82635	87070	
Sule Skerry	010	72713	84038	03210	33506	09212	83920	87070	
Cape Wrath	049	72712	83036	03410	755//	06206	87625		
Stornoway	026	62103	70026	05010	30935	10001	83360	84275	
Benbecula	022	72511	80038	05912	756//	10604	81635	87647	
Tiree	100	72511	75018	07213	784//	11703	82816	87631	
Aldergrove	917	72414	75032	12113	754//	11705	84618	86650	
Malin	980	72321	75255	09714	734//	13806	83712	85918	
Belmullet	976	82217	78038	11915	864//	13713	83710	85716	87635
Birr	965	82108	80031	15513	856//	11707	88635		
Dublin	969	22412	80021	14612	25700	10802	82650		
Shannon	962	72009	80012	15814	755//	12707	81622	86656	
Roches Point	952	72307	75021	17613	4567/	12804	84640	87459	
Valentia	953	72310	70022	17015	752//	14709	84705	87630	

OBSERVATIONS at 06h. 10 October 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	92105	04434	18609	9////	09005	89/00		
862	50000	06414	19506	555//	06108	85620		
871	93602	00474	19509	9////	09210	89/01		
797	62505	37101	18511	656//	11108	82635	85656	
776	20000	01424	19107	15601	07208	81635		
775	32001	23104	18210	35601	10102	83636		
772	41905	30101	18311	35601	10205	83635		
586	82105	20101	17010	00907	09105	88275		
590	22507	01464	17507	00901	07204	82075		
497	22205	48050	16311	00901	10301	82075		
502	62112	62031	16212	654//	11706	82715	86640	
627	72302	60022	16811	755//	11400	87625		
628	72310	74012	18113	753//	11001	81707	87625	
715	72710	80021	17814	784//	12101	81814	87620	
707	62407	80016	18314	65400	12701	82618	86628	
827	61901	08414	19709	65100	09001	82702	83708	85625
817	41906	74031	19311	25401	11602	82616	83075	
804	52706	74012	19814	55400	13101	85617		
809	60000	69031	19712	48431	12602	81715	86362	
894	73006	27101	20513	752//	13307	82704	84706	85630
534	72411	68021	16312	20942	10400	82360	87072	
559	62306	32104	17110	66300	10801	86706		
462	52208	48101	16309	15631	09303	81630	83362	
354	42212	61030	15010	25532	09805	82625	83075	
414	72305	66021	15210	35688	08704	83635	87275	
360	52010	62021	13811	55600	10803	85630		
396	42418	66030	14213	30971	08103	83360		
257	72211	85032	11815	75441	10803	87618		
262	72510	74022	10214	756//	11604	87635		
222	62311	62256	10313	684//	12805	82712	83622	85640
302	72123	80022	13814	3573/	13709	83650	86359	
334	71808	75022	14512	15738	09504	81650	86362	87275
318	72319	75021	13514	785//	12604	81820	87650	
204	72215	82022	12014	754//	11608	82713	87650	
131	82329	80022	09413	856//	11711	88640		
162	82214	61055	09411	863//	11807	85706	88712	
135	82214	68606	07813	854//	11813	81715	84620	86632
140	81914	70208	06613	853//	12812	82709	85712	88615
171	72216	62502	05213	774//	11709	87710		
091	72108	84022	04310	2567/	09810	82630	84360	86362
005	82712	82028	00108	38438	04000	81815	83635	85363
075	72107	84022	01810	2567/	08718	82630	84359	87362
010	72109	81032	00911	785//	10719	83820	87625	
049	72705	81016	99711	3552/	09730	83625	87460	
026	81816	58602	99111	8062/	11740	88535		
022	82018	61636	98813	853//	13745	85708	88615	
100	82223	40656	02314	7732/	14730	83706	85710	88550
917	82113	61032	09013	863//	12816	82706	88708	
980	82128	70808	05414	834//	12724	85918	84640	
976	82126	68215	07115	864//	13722	86710	88716	
965	82110	75022	12714	854//	13612	83715	88635	
969	72413	80011	11914	1647/	11713	81714	87460	
962	72319	75606	12916	764//	13713	82712	83717	86628
952	52414	70021	15914	3563/	13606	83643	84359	
953	72114	70026	14616	754//	14812	83717	87622	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00070	03	f	ff
862	97050	03	ff	ff
871	00070	03	fff	FF
797	00100	06	+	+
776	00070	03	1ffFF	FF1fFf
775	00070	03	f	f1f
772	00090	05	+	+
586	97090	07	+	+
590	00071	04	+	1fffFF
497	00100	07	+	+
502	00091	07	+	+
627	00110	07	+	+
628	00120	10	+	+
715	97140	13	r_o	pr_o
707	97131	10	ir_o	ir_o
827	97090	04	FF	FF
817	00100	07	+	+
804	00120	08	+	+
809	00100	05	+	+
894	00110	07	+	+
534	00100	07	+	+
559	00090	03	f	f
462	97080	02	+	+
354	00101	03	+	+
414	00090	05	+	+
360	00080	04	+	+
396	00110		+	+
257	00120	09	+	+
262	00130	09	+	+
222	01131	12	$d_or_od_or_o$	$d_or_opr_or_orr_o$
302	00140	12	+	+
334	00100	09	+	+
318	00141	12	+	+
204	97130	12	+	ir_o
131	01131			
162	01111	10	d_od_o-r_o	d_od_o-r_odrd
135	01131	12	$ir_od_or_orr$	ir_oir
140	01131	10	$r_or_opr_o$	$r_or_oid_o$
171	97121	10	+	d_o
091	00091	07	+	+
005	96071	05	pr_o	+
075	96071	05	ir_o	$ir_or_or_o$
010	01092	06		
049	03091	08	ir_o	$ir_or_or_o$
026	03092	06	+	ir_orrir_oir
022	08111	10	jp	$d_or_orrr_or_o$
100	11122	11	d_or_o	d_or_odRR
917	92131	11	+	r_o-r_or_o
980	02131	12		
976	95131	13		
965	97111	10		
969	00120	10		
962	97131	12		
952	97121	10		
953	97141	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70324	10004	80522	98022	92606	3257/	00730	83820	86456	0//01	10804	30603	00/00
B	99565	70512	10004	83614	97616	03205	8052/	00232	88525	/////	0//04	10680	30504	/////
C	99525	70355	10003	42325	98021	02411	45400	00103	84618	/////	0//09	11117	30606	/////
D	99440	70408	10004	43317	97012	22015	25530	00118	82620	/////	0//12	11709	30502	27804
E	99352	70492	10003	32503	98021	26023	11505	21110	81820	/////	0//17	12440	30000	13602
I	99590	70192	10004	81515	97616	93709	873//	00765	88609	/////	09509	11227	30503	22902
J	99526	70198	10004	82228	97216	08014	873//	51621	88707	/////	0//14	11479	30405	99/07
K	99458	70139	10004	51908	97031	24317	55600	11803	85633	/////	0//15	11793	30000	22802
M	99661	10016	10004	81115	96158	97403	895//	00733	88920	/////	06201	10942	30203	99605

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70322	10064	80435	97038	91004	884//	11306	84815	88630	05701	10730	30706	00/00
B	99565	70510	10064	80705	97616	07304	1542/	00223	81610	88545	0//03	10689	30000	06704
C	99527	70348	10063	32529	98021	02010	38400	00702	82818	/////	0//07	11108	30607	/////
D	99439	70407	10064	63111	98032	22315	68500	00301	82825	84635	0//09	11759	30402	/////
E	99350	70485	10063	32509	98011	24122	15570	23708	81625	83359	0//20	12505	30000	12602
I	99591	70193	10064	72530	97216	82212	753//	00636	84709	87620	05110	11230	30505	20703
J	99524	70200	10064	82528	96216	05015	862//	51510	82703	88706	0//15	11483	30807	22809
K	99460	70134	10064	52413	97021	22018	55400	61709	85618	/////	0//15	11816	30000	30202
M	99661	10014	10064	61305	97152	92604	59560	00718	85924	/////	06151	10960	30000	99505

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40135

Date of Issue Monday 11 October 1971

OBSERVATIONS at 12h. — 10 October 1971

Code FM 11.D

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	72511	85034	10517	705//	10006	85022	86635	
Hurn	862	62311	80014	19417	605//	11004	82022	85628	
Thorney Island	871	52513	81014	19418	41401	11706	84819		
Manston	797	62314	69012	10619	31501	12005	83020	85075	
Gatwick	776	52514	62014	10917	21501	12005	82020	84080	
Kew	775	52410	75024	10317	51500	10009	85024		
Heathrow	772	62510	80031	10517	625/2	11009	86022		
Honington	586	62313	62032	16815	614//	11004	86016		
Wattisham	590	32513	61014	17516	31402	11005	83018		
Gorleston	497	32210	58051	16815	35600	11003	83636		
Aberporth	502	72219	62012	16316	704//	12702	83017	87635	
Ross-on-Wye	627	72210	66021	16816	7853/	14605	82020	87625	
Filton	628	72524	82022	10218	40571	13006	82025	83635	85362
Rhoose	715	72516	70020	10317	30431	14703	82012	83645	86362
Chivenor	707	62416	69036	19018	504/1	13301	83015	83636	
Mount Batten	827	52310	62016	20417	52401	15001	83710	83820	
St. Mawgan	817	52416	62011	19917	40401	13001	84811		
Scilly	804	32310	58031	20517	32400	14601	83815		
Culdrose	809	42812	69021	20217	41531	15303	84020		
Guernsey	894	22709	81011	21715	21430	12102	82012		
Elmdon	534	62416	68012	15017	32542	11708	83022	83362	85072
Cardington	559	32212	62011	17018	11542	12008	81825	83075	
Wittering	462	12514	74021	15418	11501	10710	81824		
Watnall	354	72113	69021	14716	704//	12709	82815	86620	
Shawbury	414	62415	78022	14817	4544/	13706	82710	83620	85362
Finningley	360	42417	72021	13919	10641	12714	81830	83075	
Kilnsea	396	42519	66031	13217	20971	12810	82360	84075	
Leeming	257	72214	74602	11015	754//	12711	86616	86640	
Tynemouth	262	82312	48258	07716	3557/	11716	83625	88359	
Carlisle	222	72322	74026	07816	5547/	13718	83712	85635	87359
Valley	302	62130	59012	13017	45432	15005	83710	83650	86365
Ringway	334	72214	75022	13217	48538	11811	82820	83635	86362
Squires Gate	318	72222	65022	12416	7547/	14707	81712	83630	86656
Ronaldsway	204	72019	70016	10115	6537/	13712	81709	86628	87358
Mull of Galloway	131	82138	70026	06515	3647/	13716	83715	88360	
Eskdalemuir	162	82230	56605	05713	872//	12824	86704	88710	
Prestwick	135	82118	62606	04215	853//	13617	81709	83615	87622
Abbotsinch	140	82027	50586	02515	853//	14621	81707	85711	88622
Leuchars	171	82220	62615	00515	7547/	13732	87615	88459	
Dyce	091	72124	75606	96915	35475	12648	83615	84359	87462
Lerwick	005	81721	58636	91610	7722/	09863	87705	88540	
Wick	075	82119	70606	92013	6547/	12754	81712	83620	86645
Sule Skerry	010	82030	48636	89912	874//	12770	88710		
Cape Wrath	049	82330	58616	89013	875//	13748	88720		
Stornoway	026	82328	70606	91615	854//	14519	83712	88624	
Benbecula	022	82427	42516	94414	862//	14504	84703	86704	88706
Tiree	100	82428	20506	98715	861//	14503	82702	88707	
Aldergrove	917	82321	66606	06316	853//	12714	82709	88616	
Malin	900	82227	40598	02615	863//	14608	85706	88715	
Belmullet	976	82228	60586	05615	862//	15612	83703	88709	
Birr	965	72214	75022	11517	6857/	12706	83821	85640	86463
Dublin	969	72319	75026	10216	2547/	12712	81718	87462	
Shannon	962	72323	75026	12217	3057/	13606	81825	83650	87360
Roches Point	952	72320	65258	15216	774//	14005	87710		
Valentia	953	72318	66102	13917	784//	14006	86819	86640	

OBSERVATIONS at 18h. — 10 October 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	72409	74032	17615	65402	13601	83713	84630	85075
Hurn	862	62309	75032	18616	56430	13703	85710		
Thorney Island	871	22312	69011	18815	15449	13603	81617		
Manston	797	62211	70031	18114	25632	12302	82640	85075	
Gatwick	776	32109	65011	18214	15441	12101	81618	83080	
Kew	775	42008	74251	17416	30502	13501	82828		
Heathrow	772	72112	70801	17217	60531	13603	83025	84635	
Honington	586	62208	74012	15615	15602	12504	81630	86078	
Wattisham	590	52311	69011	16215	15542	11604	81625	84075	
Gorleston	497	52215	60011	15317	50970	11707	85360		
Aberporth	502	32115	62011	14414	30431	13703	81815	83645	
Ross-on-Wye	627	72209	63022	15316	705/1	13605	83025	87630	
Filton	628	72210	74032	17016	754//	12503	87615		
Rhoose	715	72516	60021	16916	704//	13504	82812	87626	
Chivenor	707	72415	62031	17516	764/2	14602	87714		
Mount Batten	827	32312	56051	19115	26201	15503	82705		
St. Mawgan	817	72112	58051	18516	754//	14505	83710	87645	
Scilly	804	72312	58031	18515	52401	14709	85815	85075	
Culdrose	809	62514	40101	18915	3043/	14707	82815	83625	86360
Guernsey	894	12508	70020	20915	16331	13301	81707		
Elmdon	534	72111	61028	14415	25572	11607	82627	84362	86075
Cardington	559	12315	61011	16116	15632	11504	81640		
Wittering	462	52212	74021	14315	24631	11503	82635	83360	
Watnall	354	72213	59012	12915	11571	12709	81825	85360	
Shawbury	414	62622	69032	13117	5054/	10706	82826	85650	
Finningley	360	72312	64021	11517	755//	11503	81625	87650	
Kilnsea	396	72520	63021	11317	5457/	13610	85620	87360	
Leeming	257	82416	74036	08717	7553/	11712	87626		
Tynemouth	262	72320	58022	05017	5557/	12502	85625		
Carlisle	222	82318	70022	05716	7547/	13707	84615	86635	88359
Valley	302	72131	58022	10815	7533/	15608	83707	87650	
Ringway	334	62013	66012	11816	55402	11508	81616	84650	
Squires Gate	318	72224	62012	10216	4547/	13508	81710	84656	87465
Ronaldsway	204	72114	62032	08315	6547/	14608	81715	86626	86359
Mull of Galloway	131	82138	60022	04715	3647/	12608	83717	88460	
Eskdalemuir	162	82423	48216	04514	873//	13500	83707	88713	
Prestwick	135	82221	56626	03215	853//	14505	82707	84711	88622
Abbotsinch	140	82220	50636	01915	853//	14506	86708	87614	
Leuchars	171	72328	70216	98416	66432	13510	86713	85070	
Dyce	091	62220	82016	95916	55432	13004	82618	85625	
Lerwick	005	62424	66036	86011	664//	10311	86712		
Wick	075	22518	82016	92213	10501	10210	81820		
Sule Skerry	010	32537	66018	88113	33400	12400	82915	83620	
Cape Wrath	049	52330	74016	90913	33570	10207	83920	85360	
Stornoway	026	12424	75026	94013	12501	10214	81820		
Benbecula	022	32524	72035	96313	30400	10207	81818	83630	
Tiree	100	62417	64016	99114	58332	13307	81707	83710	85618
Aldergrove	917	82217	58606	05015	862//	15708	82705	85707	88710
Malin	900	82420	62506	02515	4647/	14302	84710	88458	
Belmullet	976	82615	58586	05315	862//	14303	83703	85706	88710
Birr	965	82213	61506	09716	864//	14504	86712	87633	
Dublin	969	72416	81022	08817	755//	12504	87625		
Shannon	962	82325	60505	09616	873//	15710	83708	85715	88720
Roches Point	952	72220	58102	13516	764//	15609	87710		
Valentia	953	82320	20586	11416	863//	15711	86706	88710	

OBSERVATIONS during DAY

Station	iii	RRT T_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	067	+	+
Hurn	862	00180	050	+	+
Thorney Island	871	00190	076	+	+
Manston	797	00200		+	+
Gatwick	776	00200	059	+	+
Kew	775	97190	055	+	pr_o
Heathrow	772	97200	031	+	pr_o
Honington	586	00180		+	+
Wattisham	590	00171	042	+	+
Gorleston	497	00180	066	+	+
Aberporth	502	00170	024	+	+
Ross-on-Wye	627	00180	023	+	+
Filton	628	00190	057	+	+
Rhoose	715	97180	030	ir_o	+
Chivenor	707	00191	027	+	+
Mount Batten	827	97170	056	ir_o	+
St. Mawgan	817	00180	066	+	+
Scilly	804	97190	085	+	ir_o
Culdrose	809	00180	071	+	+
Guernsey	894	00180	094	+	+
Elmdon	534	97180	046	pr_o	+
Cardington	559	00190	051	+	+
Wittering	462	00190	060	+	+
Watnall	354	00170	027	+	+
Shawbury	414	00190	022	+	+
Finningley	360	00190	057	+	+
Kilnsea	396	00180	062	+	+
Leeming	257	97170	007	ir_o	+
Tynemouth	262	97170	008	pr_o	+
Carlisle	222	02171	004	r_o	$rr_or_oRd_or_o$
Valley	302	00170	018	+	+
Ringway	334	00180	023	+	+
Squires Gate	318	00171	007	+	+
Ronaldsway	204	97170	008	r_o	+
Mull of Galloway	131	02151			
Eskdalemuir	162	04142	000	$d_-dr_dd_oir_or$	rr_or_orr
Prestwick	135	00151	000	$ir_or_or_od_or_orr$	$idiRr_or_oid_o$
Abbotsinch	140	22151	000	$r_or_od_-r_orrdr$	$d_or_orrdrr_or_o$
Leuchars	171	96161	000	$ir_or_or_or$	ir_o
Dyce	091	97171	001	ir_o	+
Lerwick	005	09121	000	r_or_orrRR	$d_or_od_or_opr_o$
Wick	075	01171	005	$r_or_oir_o$	+
Sule Skerry	010	09132			
Cape Wrath	049	00132	003	$ir_or_or_o$	ir_opr_o
Stornoway	026	03152	017	rrr_or_o	pr_o
Benbecula	022	01151	008	$r_or_od_od_o$	pr_o
Tiree	100	12151	000	$RRd_od_od_r$	$drd_or_ir_o$
Aldergrove	917	96161	000	r_o	$r_or_or_d_o$
Malin	900	0816	000		
Belmullet	976	0616	000		
Birr	965	9718	011		
Dublin	969	9718	009		
Shannon	962	9718	006		
Roches Point	952	9717	012		
Valentia	953	9717	011		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

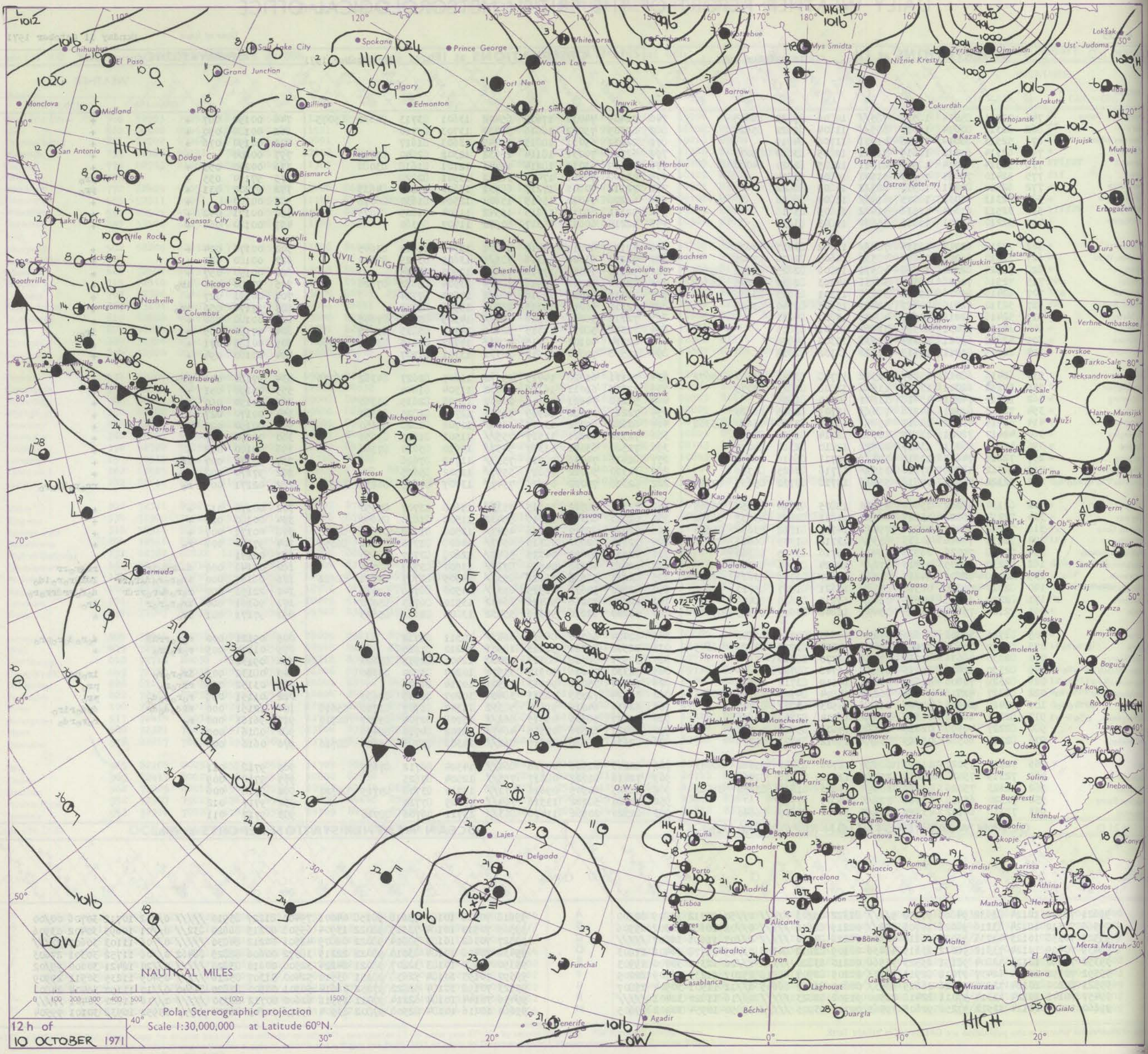
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_ap_p$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70322	10124	83632	94068	97250	9////	81322	89/03	/////	0//50	10712	30009	00/00
B	99565	70510	10124	83116	90026	10705	854//	00219	88612	/////	0//02	10681	30302	05906
C	99527	70358	10123	42736	90022	06110	42500	00226	84830	/////	0//07	11091	30607	/////
D	99439	70409	10124	73310	98022	23215	40436	00109	82812	84358	0//09	11778	30402	27803
E	99350	70480	10123	52804	98151	25523	32566	00210	83820	/////	0//20	12350	30000	29903
I	99592	70192	10124	62437	97018	02911	5833/	00205	82707	85818	05207	11235	30709	20005
J	99523	70200	10124	72920	98026	06615	6043/	00209	81817	86645	0//12	11501	30504	25007
K	99457	70141	10124	22314	97011	22418	28500	51102	82823	/////	0//16	11820	30401	/////
M	99660	10016	10124	32512	97258	90605	39563	00715	83925	/////	05850	10954	30202	99605

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_ap_p$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70326	10104	73618	98158	04001	79400	81227	85910	/////	0//52	10712	30706	00/00
B	99565	70510	10104	73115	98022	13904	65508	00215	86620	832//	0//01	10695	30402	03906
C	99527	70362	10103	52814	98022	08809	42501	00212	84830	/////	0//06	11103	30607	/////
D	99438	70408	10104	83010	98022	22215	38572	00606	82825	88462	0//08	11752	30301	27603
E	99350	70400	10103	32807	98021	24224	32500	00610	83820	/////	0//20	12421	30000	99/02
I	99590	70195	10104	52638	98151	83910	52400	51307	85816	/////	05409	11235	30911	29909
J	99523	70198	10104	52822	97252	06614	58501	00500	82820	84640	0//10	11150	30404	24008
K	99456	70144	10104	62214	97011	19918	62600	00712	86730	/////	0//16	11880	30401	/////
M	99660	10016	10104	82508	97802	83904	6957/	00745	86924	/////	05952	10938	30101	99504

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
CIVIL TWILIGHT
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Calgary
Edmonton
Billings
Grand Junction
Rapid City
Regina
Bismarck
Winnipeg
Omaha
Kansas City
Minneapolis
Chicago
Detroit
Toronto
Pittsburgh
Ottawa
Montreal
Washington
New York
Boston
Norfolk
Nashville
Columbus
Dodge City
Fort Worth
San Antonio
El Paso
Chihuahua
Monclova
Midland
Little Rock
Lake Charles
Jackson
St. Louis
Montgomery
Boothville
Tampa
Charleston
Augusta
Jacksonville
Fort Smith
Fort Nelson
Inuvik
Barrow
Sachs Harbour
Coppermine
Cambridge Bay
Mould Bay
Resolute Bay
Arctic Bay
Churchill
Chesterfield
Nakina
Winisk
Moosonee
Port Harrison
Nottingham Island
Hall Beach
Lake Harbour
Frobisher
Cape Dyer
Resolution
Nitchequon
Sept-Îles
Gaspé
Bathurst
Fredericton
Halifax
Yarmouth
Sable Island
St. John's
Gander
Cape Race
Bermuda
Goose
Atlantic Ocean
Kap Farvel
Narssarssuaq
Prins Christian Sund
Godthab
Frederikshaab
Angmagssalik
Reykjavik
Dalatangi
Thorshavn
Sørvágur
Stornoway
Lerwick
Aberdeen
Glasgow
Belfast
Manchester
Valentia
Shannon
Brest
Paris
Bruxelles
Cherbourg
Bordeaux
Santander
Porto
Lisboa
Madrid
Barcelona
Alicante
Gibraltor
Casablanca
Agadir
Funchal
Lajes
Ponta Delgada
Corvo
Santa Cruz de Tenerife
Béchar
Dran
Alger
Bône
Tunis
Malta
Laghouat
Ouargla
Misurata
Gialo
Benina
Mersa Matruh
Tobruk
Derna
Athinai
Rodos
Larissa
Brindisi
Roma
Ancona
Genova
Venezia
Ajaccio
Milano
Zagreb
Beograd
Bucuresti
Sofia
Istanbul
Skopje
Kerkyra
Kayseri
Adana
Izmir
Antalya
Konya
Ankara
Eskisehir
Samsun
Trabzon
Erzincan
Diyarbakir
Van
Tatvan
Mosul
Kirkuk
Baghdad
Tehran
Mashhad
Kabul
Kandahar
Quetta
Peshawar
Lahore
Jodhpur
Jaipur
Delhi
Amritsar
Srinagar
Leh
Gilgit
Skardu
Jammu
Dharamsala
Ambala
Agra
Kanpur
Lucknow
Allahabad
Varanasi
Patna
Gaya
Ranchi
Jamshedpur
Calcutta
Dhanbad
Asansol
Bhagalpur
Dibrugarh
Jorhat
Gauhati
Shillong
Silchar
Agartala
Aizawl
Imphal
Kohima
Dimapur
Tezpur
Tura
Cherrapunji
Dacca
Comilla
Chittagong
Sylhet
Rangpur
Bogra
Rajshahi
Jessore
Khulna
Barisal
Mongla
Cox's Bazar
Akyab
Sittwe
Taunggyi
Mandalay
Lashio
Myitkyina
Bhamo
Kengtung
Tachilek
Moulmein
Mergui
Tavoy
Victoria Point
Phuket
Penang
Kota Bharu
Kuala Lumpur
Kuantan
Singapore
Medan
Sibolga
Padang
Bengkulu
Palembang
Pangkalpinang
Jakarta
Bandung
Semarang
Surabaya
Denpasar
Kupang
Ujung Pandang
Kendari
Ambon
Banjarmasin
Pontianak
Kuching
Miri
Labuan
Kota Kinabalu
Sandakan
Tawau
Jolo
Zamboanga
Davao
Cotabato
Iligan
Cagayan de Oro
Cebu
Tacloban
Legaspi
Manila
Baguio
Tuguegarao
Aparri
Laoag
Basco
Naha
Kagoshima
Miyazaki
Kochi
Matsuyama
Takamatsu
Tokushima
Wakayama
Nagoya
Hamamatsu
Shizuoka
Tokyo
Yokohama
Mito
Sendai
Hachinohe
Aomori
Akita
Niigata
Toyama
Kanazawa
Fukui
Hiroshima
Okayama
Matsue
Tottori
Shimonoseki
Fukuoka
Oita
Nagasaki
Kumamoto
Sasebo
Kagoshima
Naze
Yonago
Fukue
Iwo Jima
Chichi Jima
Hachijo Jima
Miyake Jima
Oshima
Hakodate
Wakkanai
Rishiri
Abashiri
Kushiro
Nemuro
Obihiro
Asahikawa
Sapporo
Muroran
Iwanai
Otaru
Esashi
Hanasaki
Shiono Misaki
Cape Erimo
Cape Soya
Cape Nosappu
Cape Shiriya
Cape Inubo
Cape Omaezaki
Cape Muroto
Cape Ashizuri
Cape Sata
Cape Ryuzaki
Cape Noma
Cape Kitan
Cape Tappi
Cape Oma
Cape Shiretoko
Cape Kamui
Cape Kushiro

18h of 10 OCTOBER 1971

00h of 11 OCTOBER 1971

06h of 11 OCTOBER 1971

Mean Sea Surface Isotherms

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 11 October 1971

The deep depression near O.W.S.'I' has continued moving rapidly northeast. The associated cold front has also made rapid progress across Scotland and has now reached north Denmark. In the south, however, the front is trailing across southeast Ireland and northern England. During the next 24 hours the cold front will continue to move slowly southeast into central England allowing a much cooler west or northwesterly airstream to encroach into Scotland and Northern Ireland.

Code FM 11.D **OBSERVATIONS at 00h.** 11 October 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	12213	58101	16912	16301	12707	81708		
Hurn	862	62112	70032	17715	655//	14811	86620		
Thorney Island	871	32211	64031	18115	30930	13708	83360		
Manston	797	72112	72031	17513	40931	12806	84362	85075	
Gatwick	776	62208	62021	17713	55401	12707	85616	83080	
Kew	775								
Heathrow	772	22110	58028	16714	26400	12707	82714		
Honington	586	32212	74031	15013	15402	11603	81615	83078	
Wattisham	590	52211	61031	15612	46301	12705	84709		
Gorleston	497	02124	60011	14514	00900	12704			
Aberporth	502	72118	61021	12915	754//	13711	84715	87630	
Ross-on-Wye	627								
Filton	628	72215	66582	16215	754//	12607	84715	87639	
Rhoose	715	72515	60021	15915	754//	13707	87615		
Chivenor	707	72312	62031	16116	754//	13710	83713	86618	
Mount Batten	827	72416	58051	18015	5547/	14707	83710	84616	87357
St. Mawgan	817	42113	66011	17315	45300	14708	82707	83610	
Scilly	804	72212	66036	17515	754//	15708	87613		
Culdrose	809	82515	56102	18115	854//	14805	82712	88622	
Guernsey	894	72310	58101	19915	752//	15807	82704	87640	
Elmdon	534	72210	63031	13514	756//	12809	87634		
Cardington	559	32115	58050	15014	26440	12611	82712		
Wittering	462	22312	62031	13513	25600	11705	82635		
Watnall	354	62112	58032	11913	45732	11710	84656		
Shawbury	414	62413	72031	11915	656//	11811	83632	86645	
Finningley	360	12316	80011	10015	15800	11709	81657		
Kilnsea	396	22523	63011	09915	20970	11612	82360		
Leeming	257	82420	69032	07316	854//	13611	83615	88645	
Tynemouth	262	52318	81022	04216	50930	13815	85358		
Carlisle	222	82317	66616	04815	854//	14709	83712	88622	
Valley	302	82032	58212	09515	863//	15811	88706		
Ringway	334	81912	75032	10815	854//	11710	85616	88620	
Squires Gate	318	82223	70602	08715	854//	14811	85711	88627	
Ronaldsway	204	82117	62606	07215	854//	14606	81713	88618	
Mull of Galloway	131	82135	66026	04315	856//	14507	88640		
Eskdalemuir	162	82322	23506	03814	872//	13505	88703		
Prestwick	135	82311	35636	03713	852//	13005	83703	83709	88640
Abbotsinch	140	72507	70216	02713	754/8	12302	81715	84620	87640
Leuchars	171	22321	80016	99614	25600	10103	82635		
Dyce	091	62616	86031	98415	15650	04110	81635	86364	
Lerwick	005	72431	69028	88011	704//	09205	82814	87621	
Wick	075	12414	86020	94411	15500	07103	81626		
Sule Skerry	010	52737	74028	90811	53400	11216	85910		
Cape Wrath	049	32332	82018	92412	33500	09206	83920		
Stornoway	026	62318	65258	95612	60400	09207	82818	86624	
Benbecula	022	72523	74258	97513	704//	09103	82818	87637	
Tiree	100	12420	88021	00613	10400	10002	81818		
Aldergrove	917	82509	63216	05813	853//	13307	83708	88640	
Malin	900	12317	82036	03813	11500	11210	81820		
Belmullet	976	12311	78016	05913	10932	10500	81360		
Birr	965	82209	58506	08615	874//	15706	88710		
Dublin	969	82415	75606	07616	5647/	14704	83712	84621	88461
Shannon	962	82317	40506	08916	872//	15706	83704	85708	87714
Roches Point	952	82322	56516	11616	872//	15710	86704	88707	
Valentia	953	82216	56206	10516	862//	15808	88704		

OBSERVATIONS at 06h. 11 October 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	72009	56101	15513	45732	13802	84650	85075	
862	82211	62031	16216	5557/	14708	85625	88358	
871	62214	64021	16715	6093/	14706	86358		
797	12210	59011	16712	10931	12602	81364		
776	42210	58021	16114	45400	13707	84618		
775	22008	62020	15314	15702	12706	81650		
772	22109	59021	15314	16401	12804	81710		
586	72109	58031	13613	754//	11703	81710	87640	
590	32112	58011	14312	15402	11704	81713	83075	
497	02115	58020	13313	00900	12704			
502	72118	61022	11915	754//	13301	82715	84634	87645
627	72212	63022	12715	785//	14607	84020	87625	
628	72111	66026	14815	756//	12803	87630		
715	72314	61022	14615	754//	13602	82618	87640	
707	72110	61022	14916	764//	13703	87714		
827	72411	56052	16415	754//	15605	84710	85615	87620
817	62009	58101	15814	65400	14704	82710	86614	
804	22208	66021	15815	15501	14604	81624		
809	42508	56101	16314	25431	14705	81710		
894	62312	58102	18415	652//	14606	82705	86645	
534	52110	63018	12014	35541	12702	81625	83640	
559	72215	59051	13814	2563/	12604	82640	87359	
462	42313	66020	12013	45500	11000	84625		
354	62114	58011	10715	654//	12602	84614	84645	
414	72512	62032	11016	755//	12203	83620	87650	
360	72214	72031	09316	754//	13301	83715	87657	
396	32424	61021	08914	20971	12706	82360		
257	72414	74016	07017	2577/	14305	82650	83362	
262	72515	81028	05714	4567/	11207	84630		
222	52110	66016	06113	35441	11208	82710	83633	
302	82130	56026	08716	862//	15801	88705		
334	72114	62216	09315	753//	13601	82708	84635	87650
318	82421	50586	08015	873//	15802	88708		
204	82209	40596	07514	852//	13106	81703	85635	88650
131	52311	74015	06213	35601	12205	83640	85075	
162	62310	66036	05509	12504	07311	81822	86072	
135	42012	75016	05012	11431	10303	81815	84072	
140	52423	80031	02813	30401	09500	83818	83075	
171	22416	74011	01211	15631	08303	81635		
091	71911	84031	99811	6553/	07206	82624	85630	
005	62420	69251	90911	4043/	07215	81814	83621	
075	22418	82030	95510	15631	06003	81630		
010	32537	66028	90612	33400	12712	83912		
049	62328	81818	92712	635//	08705	86920		
026	52324	62258	95611	504//	09501	83816	85626	
022	72525	70151	98213	704//	09302	82817	86630	
100	42419	82038	01412	30560	09305	82820		
917	32310	50021	06611	25441	10305	81710	83070	
900	62316	75258	04013	685//	11303	83822	86640	
976	32516	81011	06113	38400	08301	81717	83635	
965	82506	56615	09313	872//	12311	85705	88710	
969	82505	56586	08513	863//	12210	85708	88712	
962	82512	70605	09214	873//	12209	83707	85711	87625
952	82315	60506	10316	863//	15604	86706	88711	
953	82705	62216	10215	863//	13307	83709	88716	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00120	10	+	+
862	00150	13	+	+
871	00140	12	+	+
797	97120	09	+	+
776	00130	10	+	+
775	00130	11	+	+
772	00130	12	+	+
586	00130	11	+	+
590	00110	10	+	+
497	00130	09	+	+
502	01141	12	+	ro do dorr
627	00150	13	+	+
628	97150	13	doro	+
715	00150	14	+	+
707	00151	13	+	+
827	00150	14	+	+
817	00130	11	+	+
804	00141	12	+	+
809	00141	11	+	+
894	00150	13	+	+
534	00130	11	+	+
559	00130	11	+	+
462	00130	11	+	+
354	97130	11	+	+
414	97140	12	+	iro
360	00150	13	+	+
396	00130		+	+
257	97150	13	+	iro
262	01121	11	pR	+
222	03121	10	rorordoro	doror
302	03142	14	iro	irororo doro
334	01141	14	doro	doro do&
318	02142	13	roro	rordoro do do DR
204	05131	12	iror	iro drR
131	02121			
162	02091	04	rrdoro do-roro	+
135	06111	08	ido RRrr	+
140	01111	09	doroirororo	Jp
171	97111	09	ro	+
091	00071	01	+	+
005	05092	08	pro	proPR
075	00091	06	+	+
010	03092	08		
049	01101	09	+	prpro
026	02092	08	pro	pro
022	01101	09	pro	pro
100	02111	10	pRpropr	pro
917	02091	08	doro doro	+
900	94121	10		
976	94121	10		
965	08131	05		
969	03131	12		
962	07131	13		
952	01151	15		
953	08141	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70328	11004	70118	96801	09751	79400	81229	86915	/////	0//54	10696	30605	00/00
B	99565	70510	11004	53212	98012	17704	25408	00217	82615	032//	0//51	10659	30503	35605
C	99521	70360	11003	82910	95802	11507	6252/	00207	86030	/////	0//07	11063	30402	/////
D	99437	70407	11004	83312	98022	23215	885//	00207	84025	86635	0//11	11701	30301	28503
E	99349	70401	11003	52704	98021	24623	42505	00306	84020	/////	0//20	12401	30000	30002
I	99590	70190	11004	43622	98021	94208	40400	01246	83818	/////	05805	11222	30707	27908
J	99526	70196	11004	52727	98011	07013	50400	00601	81818	85635	0//10	11505	30404	28008
K	99453	70151	11004	62312	96031	19417	65500	00705	86620	/////	0//16	11802	30000	99/01
M														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70329	11064	70114	98250	13600	79400	81116	85915	/////	06455	10743	30604	00/00
B	99565	70510	11064	62506	98021	19705	25506	00109	82625	042//	0//52	10655	30000	35605
C	99527	70360	11063	73604	97802	12308	704//	00309	86018	/////	0//06	11042	30000	99/06
D	99440	70710	11064	83018	98032	22214	6552/	00707	86625	/////	0//08	11734	30402	28603
E	99348	70401	11063	32909	98011	23622	32400	00806	83818	/////	0//20	12370	30000	31702
I	99590	70194	11064	63324	98022	03005	60400	61242	85818	/////	06351	11229	30606	27908
J	99525	70198	11064	62820	98151	08512	604//	61306	83818	84635	0//08	11479	30404	27907
K	99451	70157	11064	11810	97031	17017	00901	00609	81073	/////	0//16	11802	30000	99/01
M	99661	10017	11064	03620	97806	77605	7957/	00239	87928	/////	05701	10896	30506	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40136

Date of Issue Tuesday 12 October 1971

Code FM 11.D

OBSERVATIONS at 12h. — 11 October 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	62218	69012	15118	41502	11807	84820	86075	
Hurn	862	62311	65012	16717	58501	13802	85825		
Thorney Island	871	72213	66012	17117	784//	14704	83814	87628	
Manston	797	62217	74011	17019	685/2	13605	81820	85650	
Gatwick	776	82212	62211	16517	854//	14704	81712	84614	88637
Kew	775	72012	58251	15617	785//	14805	81820	86650	
Heathrow	772	72014	70021	15518	784//	13809	82819	87645	
Honington	586	72315	78022	13819	12532	12705	81827	87078	
Wattisham	590	72417	63021	14518	31502	11707	83826	86075	
Gorleston	497	62317	62021	1411[illegible]	25532	11000	82625	83360	86075
Aberporth	502	82214	48516	12115	853//	15400	87708	88620	
Ross-on-Wye	627	82314	63022	13217	855//	13603	88625		
Filton	628	72312	78032	15118	785//	12606	82828	83635	86645
Rhoose	715	82411	56622	14715	5542/	14803	82712	85616	88459
Chivenor	707	82413	74016	14818	6847/	13705	82818	85636	88359
Mount Batten	827	72212	56058	16316	7233/	15804	81708	84815	87357
St. Mawgan	817	72314	64022	15517	784//	14705	84815	87650	
Scilly	804	52313	58011	15717	21401	15704	82815	85075	
Culdrose	809	72617	58051	16217	58404	15301	82710	83820	85628
Guernsey	894	32312	76020	18217	35432	13803	81710	83650	
Elmdon	534	72214	63602	12617	754//	1380[illegible]	84617	87630	
Cardington	559	72118	74012	13819	48532	13809	83820	83650	87075
Wittering	462	72318	74031	12518	48532	12603	82820	83650	85075
Watnall	354	82115	59218	11517	884//	13301	82815	88620	
Shawbury	414	72512	82036	11218	754//	13603	81710	86622	
Finningley	360	72318	70022	10018	754//	13802	84615	87620	
Kilnsea	396	72322	66022	09917	7097/	13110	87360		
Leeming	257	62915	85016	09116	3854/	11106	81820	83636	
Tynemouth	262	72512	74022	08015	3557/	09108	83625	87358	
Carlisle	222	32516	80026	07716	38500	11103	82822		
Valley	302	82613	74026	10914	5537/	12306	81707	85620	88458
Ringway	334	82110	30635	10516	872//	14102	83703	86707	88712
Squires Gate	318	82511	70586	10414	853//	13109	82706	88650	
Ronaldsway	204	52311	81016	09715	38432	12204	81711	83656	
Mull of Galloway	131	22518	74010	08415	22601	10310	82830		
Eskdalemuir	162	72314	66031	06715	734//	10305	82919	85820	
Prestwick	135	32314	70011	06815	38501	11107	81822		
Abbotsinch	140	22424	80251	06015	22501	10211	82822		
Leuchars	171	22420	80031	03916	28502	08214	81825		
Dyce	091	32417	82031	01716	38500	05306	81825	83638	
Lerwick	005	73016	80258	96007	733//	06348	81908	85812	
Wick	075	73118	75808	00110	785//	0[illegible]233	86820		
Sule Skerry	010	52924	74028	00209	58500	08279	83820	85625	
Cape Wrath	049	52710	82028	00808	53500	03260	85920		
Stornoway	026	53310	84018	02411	58530	07240	81820	85635	
Benbecula	022	23510	72258	02612	28460	10321	82815		
Tiree	100	22518	80018	03813	19460	10211	81918		
Aldergrove	917	62514	75031	08315	48501	0920[illegible]	82822	84070	
Malin	980	42420	82028	06314	42500	09311	84820		
Belmullet	976	52416	75018	08215	5843/	10106	82715	84820	
Birr	965	52409	80026	10716	585/2	10103	83823	83638	
Dublin	969	62512	80036	10116	58502	10005	82822	83640	
Shannon	962	42515	80036	11016	32502	11204	83824		
Roches Point	952	72907	81025	12116	784//	12105	83816	87635	
Valentia	953	32608	80011	12015	22502	12105	82823		

OBSERVATIONS at 18h. — 11 October 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	82112	59602	14915	854//	13206	83712	84620	88645
Hurn	862	72111	59032	15816	21436	14500	82815	84362	87070
Thorney Island	871	82212	62026	16016	854//	14301	81713	88640	
Manston	797	72010	66022	16415	1573/	13307	81650	87359	
Gatwick	776	82110	62035	15916	854//	14304	83613	85640	88656
Kew	775	72110	61022	15317	756//	13305	87645		
Heathrow	772	82110	61032	15117	5857/	13305	81820	85650	88362
Honington	586	72107	62022	13917	756//	12304	81630	87650	
Wattisham	590	72108	58022	14016	756//	13206	85638	87656	
Gorleston	497	81812	58052	13817	855//	13706	88625		
Aberporth	502	82510	28595	12014	872//	14304	88705		
Ross-on-Wye	627	82112	63028	13115	855//	14301	88627		
Filton	628	82108	48205	14516	6557/	14302	86628	88358	
Rhoose	715	62306	57016	14015	25432	14500	82618	85362	86070
Chivenor	707	72312	62022	14217	6543/	14303	83716	85640	87359
Mount Batten	827	72412	40102	15515	753//	15202	86708	87630	
St. Mawgan	817	72112	59022	14816	4647/	14301	83710	86360	87462
Scilly	804	82209	56022	14816	3557/	15302	83625	88360	
Culdrose	809	72412	24102	15115	16478	15502	81712	83462	87275
Guernsey	894	82106	63032	17315	7527/	14501	82705	84709	86638
Elmdon	534	72113	62016	12815	5553/	13302	81624	85645	85360
Cardington	559	82110	62022	14217	6563/	13307	86635	88360	
Wittering	462	72311	69026	13016	6567/	12205	84630	86650	87360
Watnall	354	72012	56606	12015	754//	13306	83712	86618	
Shawbury	414	72402	60216	12115	753//	14211	82707	83712	87628
Finningley	360	81502	232[illegible]	11214	855//	13219	88623		
Kilnsea	396	83008	57022	11215	855//	14211	88625		
Leeming	257	62408	82012	11014	35632	10212	83645	83365	85075
Tynemouth	262	82712	61022	10314	30947	08323	83358	88275	
Carlisle	222	72206	62031	09813	685/1	11314	81822	86640	
Valley	302	72010	78022	11615	1643/	14307	81710	87360	
Ringway	334	81502	22606	12513	851//	12314	82702	84705	88622
Squires Gate	318	72511	70036	11714	58432	12310	81815	85645	86362
Ronaldsway	204	72111	82031	10814	682/2	12107	81705	83825	85650
Mull of Galloway	131	62512	80012	09413	657//	08310	86650		
Eskdalemuir	162	50000	74011	09810	48501	08219	81821	84635	
Prestwick	135	72807	75808	08813	6854/	10215	84826	86633	
Abbotsinch	140	72109	70028	08313	48542	09318	81820	84650	85075
Leuchars	171	62311	80011	07412	48532	08223	81825	84645	
Dyce	091	80606	62601	06910	852//	09332	81705	85706	87630
Lerwick	005	13502	82028	05601	11401	51240	81812		
Wick	075	73202	82028	06007	756//	04223	87640		
Sule Skerry	010	32505	84010	05209	38500	07219	82820	83625	
Cape Wrath	049	52702	83012	05508	55500	02219	85620		
Stornoway	026	60000	82022	06009	15530	06218	81622	86364	
Benbecula	022	73508	85021	05611	784//	09213	81818	87637	
Tiree	100	72514	60808	06312	594/2	11211	83912	83075	
Aldergrove	917	62609	82012	09813	58501	08211	81825	85645	86075
Malin	980	72319	80258	07913	734//	09213	83918	84640	
Belmullet	976	52315	81012	09713	32402	09208	81716	83821	
Birr	965	72304	81031	12113	685/2	10313	81821	86637	85072
Dublin	969	42702	80012	11414	38542	10214	81825	83650	
Shannon	962	52508	80022	12114	585//	11210	81824	85645	
Roches Point	952	73009	70012	12514	18431	11309	81818	87070	
Valentia	953	32707	75011	12614	22501	12205	82822		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97190	025	+	roro
Hurn	862	00190	015	+	+
Thorney Island	871	97180	003	iro	+
Manston	797	00200		+	+
Gatwick	776	97180	001	rodo	+
Kew	775	97190	035	pro	+
Heathrow	772	00200	040	+	+
Honington	586	97190		+	ro
Wattisham	590	00190	026	+	+
Gorleston	497	00200	033	+	+
Aberporth	502	04161	000	dodo	idodr
Ross-on-Wye	627	97170	002	pro	+
Filton	628	91181	010	do	dod
Rhoose	715	03171	000	rorroroidoir	irro
Chivenor	707	97181	001	iro	ro
Mount Batten	827	97170	022	pr	+
St. Mawgan	817	97191	023	+	iro
Scilly	804	00190	041	+	+
Culdrose	809	00180	029	+	+
Guernsey	894	00180	050	+	+
Elmdon	534	92171	012	irodoro	doroirodoro
Cardington	559	94200	028	+	ir
Wittering	462	91191	016	+	doro
Watnall	354	93171	007	proro	doro-ro-doro
Shawbury	414	03191	001	irodo	dororor
Finningley	360	01191	004	ro	rodorodo
Kilnsea	396	97170	001	+	ido
Leeming	257	97180	049	doro	+
Tynemouth	262	00160	030	+	+
Carlisle	222	97161	068	roro	+
Valley	302	01161	009	doro	+
Ringway	334	04171	000	[illegible]	[illegible]
Squires Gate	318	94151	001	DRdrdododoro	+
Ronaldsway	204	97161	055	iro	+
Mull of Galloway	131	00160			
Eskdalemuir	162	97161	079	+	pro
Prestwick	135	97151	066	+	pro
Abbotsinch	140	96161	067	pro	pro
Leuchars	171	00171	067	+	+
Dyce	091	91171	072	+	iro
Lerwick	005	03111	043	pro	+
Wick	075	91141	048	pro	+
Sule Skerry	010	94130			
Cape Wrath	049	96111	043	pro	+
Stornoway	026	92111	031	pro	pro
Benbecula	022	01131	045	prpro	pro
Tiree	100	02151	035	propr	propr
Aldergrove	917	00161	058	+	+
Malin	980	9115	046		
Belmullet	976	0116	056		
Birr	965	9617	065		
Dublin	969	0218	064		
Shannon	962	9718	065		
Roches Point	952	9719	029		
Valentia	953	0017	059		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

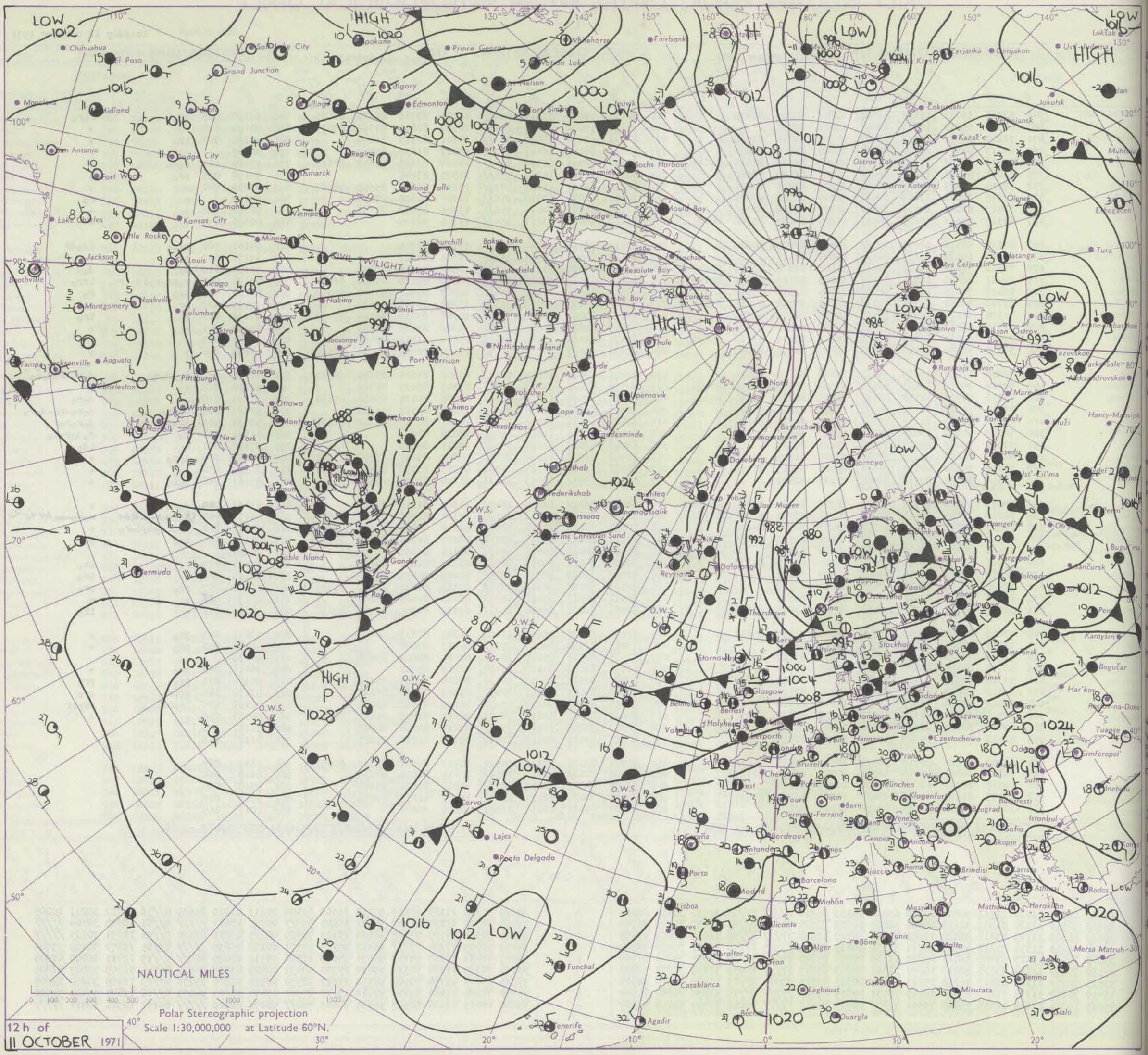
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70329	11124	73511	96872	18200	69460	00123	85910	/////	0//56	10712	30401	02804
B	99565	70510	11124	51407	98152	19804	58500	00802	82820	84625	0//01	10650	30201	36704
C	99526	70359	11123	73614	98022	17008	72400	00227	87818	/////	0//06	11069	30403	27605
D	99438	70408	11124	83618	98022	24514	31638	00015	83835	83365	0//07	11812	30502	33705
E	99348	70482	11123	53406	98021	25022	12536	00205	81820	840//	0//19	12384	30201	31602
I	99590	70194	11124	33615	98018	10505	31401	00243	83817	/////	06355	11217	30807	32905
J	99525	70201	11124	62617	98018	10613	32502	00311	83820	83070	0//09	11459	30404	28910
K	99450	70159	11124	71810	97031	16119	68531	00804	85823	/////	0//16	11836	30000	31802
M	99661	10014	11124	80414	95888	79304	7947/	00805	87915	/////	06001	10924	30203	99607

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	11184	62603	97158	21000	69400	00213	81910	85630	0//56	10722	30201	10005
B	99565	70510	11184	81427	98022	14005	855//	00737	88625	/////	0//01	10674	30504	/////
C	99525	70358	11183	73618	98808	21108	78400	00225	83812	87620	0//06	11091	30605	/////
D	99437	70409	11184	/////	98022	25113	51501	00106	85830	/////	0//05	11872	30402	33705
E	99347	70481	11183	60105	98031	24023	11506	00710	81820	860//	0//19	12411	30000	02603
I	99590	70193	11184	50312	99030	15704	48431	00229	83818	84625	06454	11209	30807	32805
J	99525	70200	11184	73008	98158	11812	28538	00210	82820	85270	0//09	11468	30202	28007
K	99450	70160	11184	61813	97012	13118	28502	00613	81823	84073	0//16	11843	30401	32002
M	99660	10013	11184	82927	96837	88403	894//	00276	88910	/////	06152	10910	30811	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW 1012
HIGH 1020
LOW 1000
HIGH 1016
LOW 996
LOW 1008
HIGH 1016
LOW 1004
LOW 1000
LOW 1008
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LOW 1000
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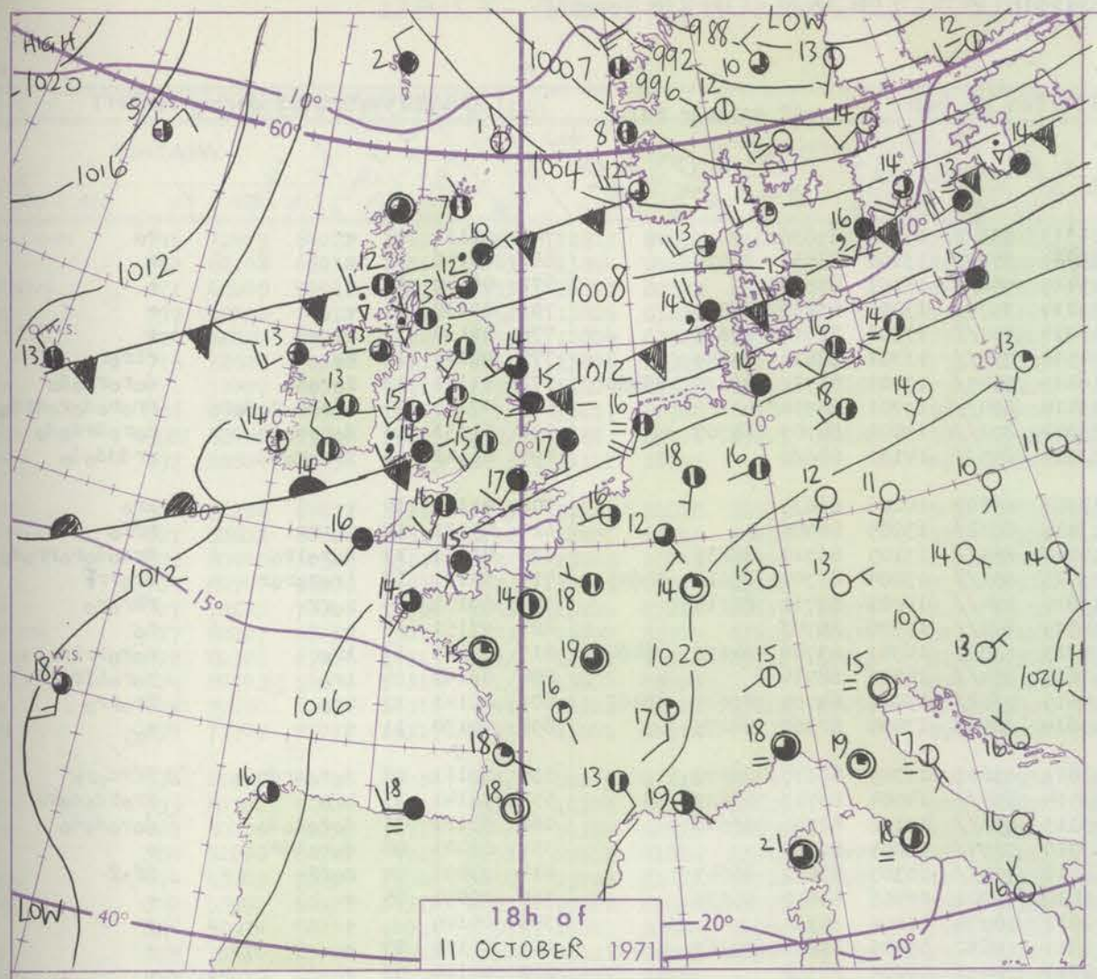
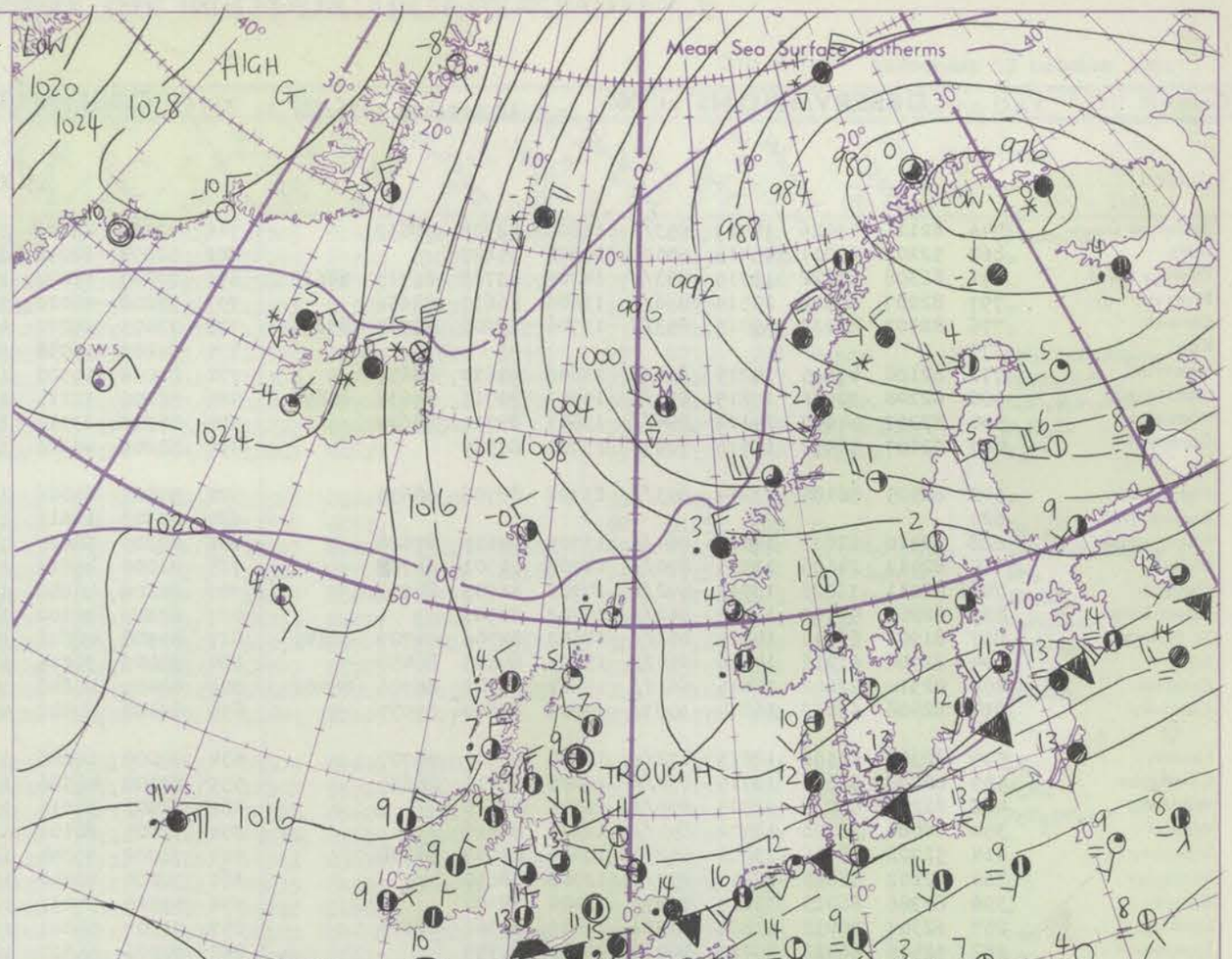
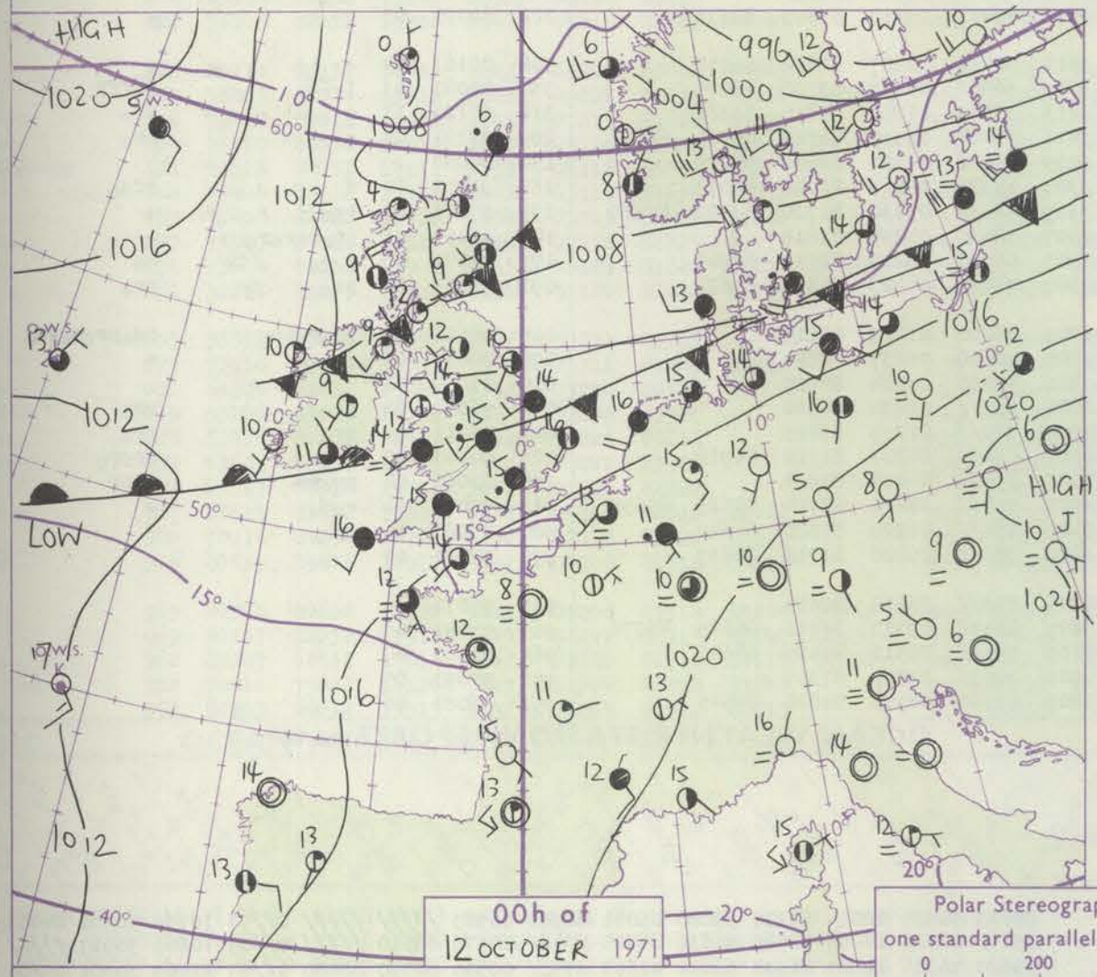
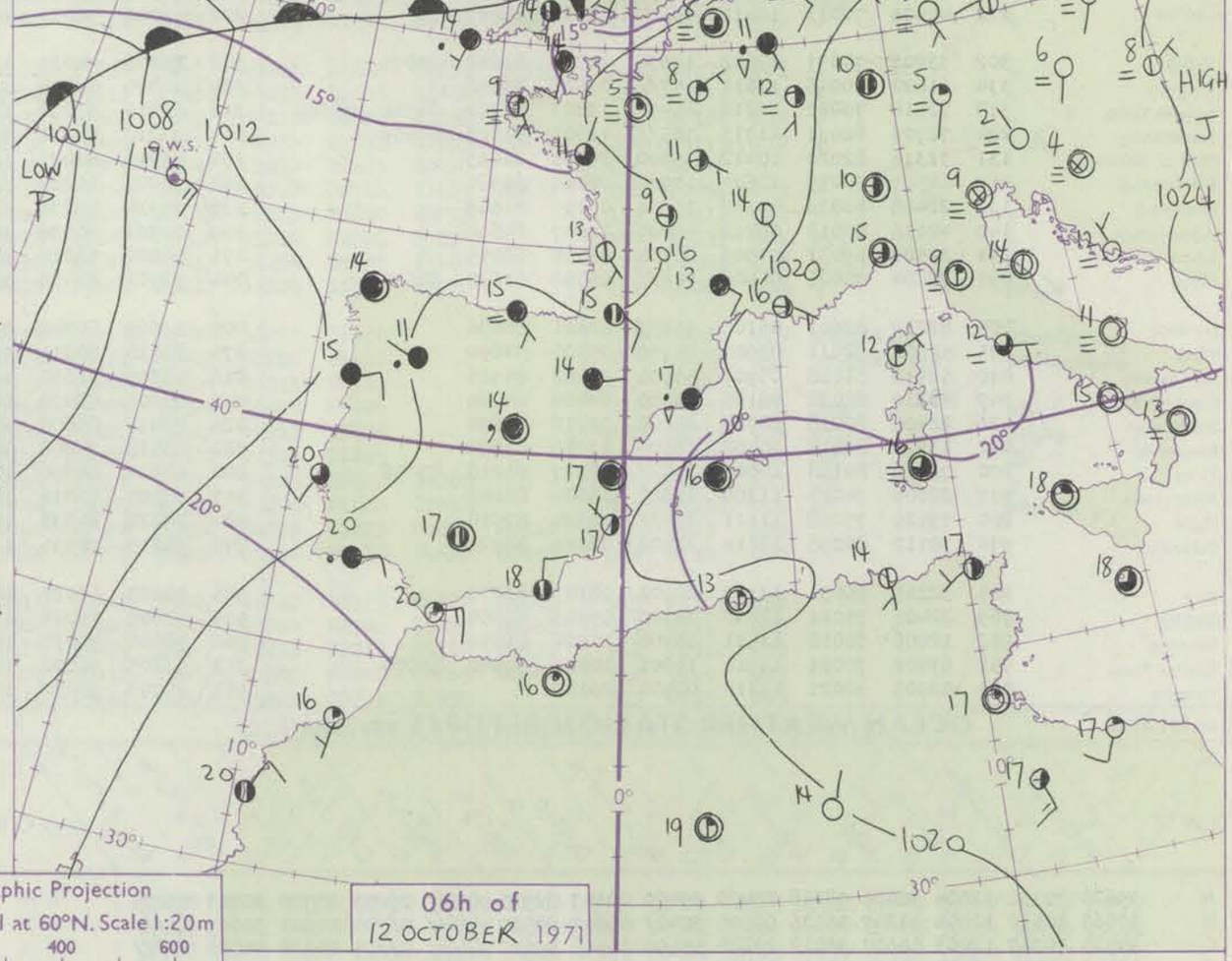
LOW 1012
LOW 1004
LOW 1000
LOW 1008
LOW 1012









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 12 October 1971

The deep depression moved up the Norwegian coast to north Russia with the associated cold front penetrating to southern England and south Denmark before becoming stationary. The high over Europe maintained with a ridge westwards to Iberia. During the next 24 hours an anticyclone is expected to build in the vicinity of Iceland and a low north of the Azores will deepen with little movement. The front over southern Britain, with mild southerly flow on the south side and cold northerlies to the north, is expected to make slow northward progress towards the Scottish border.

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

Station	iii	Nddff	VVwwW	PPPTT	NhClhCMCH	TdTdapp	8NsChshs	8NsChshs	8NsChshs
Boscombe Down	746	82111	59026	14713	853//	13804	82708	88632	
Hurn	862	52207	65011	15415	55500	14805	85627		
Thorney Island	871	82308	61022	15715	853//	14705	83708	86713	88630
Manston	797	82207	60022	15514	856//	13806	86637	88656	
Gatwick	776	82307	62032	15415	853//	13706	83708	85710	88650
Kew	775								
Heathrow	772	82108	47615	14715	856//	13806	81630	88656	
Honington	586	82208	32586	13815	854//	14603	82713	84635	88656
Wattisham	590	82207	44602	14114	854//	13807	85710	88645	
Gorleston	497	72107	58052	13716	7093/	13701	87359		
Aberporth	502	82505	56106	13114	853//	13302	86708	88650	
Ross-on-Wye	627								
Filton	628	72210	62032	14015	754//	13705	84615	87628	
Rhoose	715	82412	24626	13515	870//	14704	81701	88708	
Chivenor	707	82211	32626	13915	872//	14702	86703	88705	
Mount Batten	827	82209	40102	15315	862//	15702	88703		
St. Mawgan	817	81908	56216	14715	853//	14602	82706	84707	88645
Scilly	804	82008	61216	14516	4552/	15803	84625	88458	
Culdrose	809	82310	22602	15015	6612/	15801	84702	86706	88462
Guernsey	894	62406	66012	16814	30932	13604	83360	85075	
Elmdon	534	82308	50586	12615	872//	14704	85705	88707	
Cardington	559	82008	62606	13715	854//	14806	85711	88635	
Wittering	462	82210	56026	12715	855//	13806	88620		
Watnall	354	80000	23106	12712	854//	12804	88615		
Shawbury	414	52702	28046	13012	56200	10400	82703	85708	
Finningley	360	82102	58046	12213	857//	12702	88650		
Kilnsea	396	82306	66025	12114	8097/	13400	88360		
Leeming	257	62307	70032	11812	10932	10801	81362	86075	
Tynemouth	262	52508	66022	10713	50930	09400	85359		
Carlisle	222	42406	70011	10412	45600	11801	84647		
Valley	302	33007	74031	12612	15632	10203	81648	83070	
Ringway	334	61602	50046	12611	657//	09601	86656		
Squires Gate	318	72610	70022	12214	6547/	13803	83712	84640	86360
Ronaldsway	204	72706	82031	11713	785//	11701	81825	87656	
Mull of Galloway	131	32316	82020	10412	35600	09001	83635		
Eskdalemuir	162	12507	58058	10609	10940	08000	81364		
Prestwick	135	22408	80038	09612	15601	09101	81648		
Abbotsinch	140	42116	80018	08212	45700	10807	84650		
Leuchars	171	22506	69031	07909	00902	08000	82075		
Dyce	091	72404	70026	06506	756//	06710	81630	87645	
Lerwick	005	82212	82601	05106	856//	02811	88634		
Wick	075	52502	82011	07007	45730	05500	84650		
Sule Skerry	010	52913	81028	05909	53500	08202	85925		
Cape Wrath	049	43210	82038	06108	43500	04400	84920		
Stornoway	026	22406	80018	08704	25600	02212	82630		
Benbecula	022	13220	82018	10408	18500	03223	81820		
Tiree	100	73316	80158	10009	794//	06227	81918	87656	
Aldergrove	917	22008	74021	11209	25600	08204	82640		
Malin	980	73420	75258	11111	734//	09324	87918		
Belmullet	976	30112	80255	12810	23502	08216	82920		
Birr	965	32205	80031	13309	00902	08103	83072		
Dublin	969	22406	75011	12810	25700	09103	82650		
Shannon	962	12005	80018	13511	15700	10204	81650		
Roches Point	952	63402	70021	13911	15601	10203	81640	86070	
Valentia	953	02003	70021	13810	00900	09102			

OBSERVATIONS at 06h. 12 October 1971

iii	Nddff	VVwwW	PPPTT	NhClhCMCH	TdTdapp	8NsChshs	8NsChshs	8NsChshs
746	72206	48106	14313	756//	13102	87636		
862	52202	62012	15215	35601	13102	83630	85070	
871	72207	62022	15415	756//	13101	87635		
797	72208	58022	15214	3577/	13002	83650	86359	
776	72403	58022	15014	754//	13500	86710	87645	
775	72105	56056	14515	755//	13301	82620	87645	
772	82106	50502	14415	7547/	13001	85712	86620	88460
586	82206	32216	13414	864//	13701	88710		
590	82308	23516	13914	872//	13000	84703	88707	
497	82209	40616	13314	855//	14101	88620		
502	73505	61016	13913	65602	10206	86635		
627	83302	17616	13414	8032/	13205	88506		
628	82305	58215	14214	854//	13105	86711	88635	
715	80000	45626	13713	851//	13104	81702	86614	88645
707	81104	40606	13815	874//	14001	87711	88715	
827	82309	40102	14715	862//	15500	88703		
817	81908	48616	14215	6537/	14301	83706	84630	88460
804	82007	32616	13614	874//	14703	88714		
809	82409	40606	14615	5622/	15400	84705	83625	88462
894	82108	60022	15614	20937	13400	82360	88275	
534	70000	10286	13811	55601	11309	85637	85075	
559	82108	48586	13514	854//	14004	83712	88623	
462	62902	32016	13113	653//	13106	82706	85640	
354	72805	20101	13710	7097/	10205	87359		
414	72002	35044	13712	755//	10307	83622	86645	
360	70000	40041	12810	45702	09206	84650	85075	
396	52810	57031	12811	50970	11206	85360		
257	71807	58041	12311	15632	09106	81640	83363	87075
262	72506	66022	11211	7097/	09205	87358		
222	73006	70011	11811	754//	09310	83615	86635	
302	63006	74031	13911	22432	10207	82812	86070	
334	40000	02444	13609	36002	08207	83700	83075	
318	62810	65031	13113	31442	11206	83815	83360	
204	73210	80021	13411	58402	09312	81710	83715	86075
131	43418	84021	13109	25602	07221	82640	84070	
162	53202	61285	12307	18331	05313	81708	84073	
135	73314	80038	13309	5843/	03230	81710	83822	87360
140	22304	80036	12807	18430	04235	81816		
171	50000	82016	10809	55400	08229	82712	85640	
091	72912	82028	10507	785//	04223	81820	87628	
005	33609	80808	09701	38400	01229	81815		
075	23510	82011	11805	28500	01237	82824		
010	43209	81028	11306	43500	04224	84925		
049	63205	83038	12705	635//	51230	86920		
026	73410	65808	14904	724//	01233	87815		
022	63518	74808	15605	694//	04233	81712	86918	
100	43522	74808	14007	39460	04219	83915		
917	73507	70016	14910	754//	07221	82714	83623	85650
980	73420	81038	15409	785//	01220	85820	84640	
976	70113	78031	16809	784//	05220	81716	87637	
965	70103	62021	15209	756//	08210	87633		
969	72808	75011	14609	55432	09313	81712	85625	85075
962	70000	70031	15109	755//	08311	84625	85645	
952	73605	70022	14910	7093/	09305	87359		
953	70703	70032	14809	78500	08305	81826	87645	

OBSERVATIONS during NIGHT

iii	RRTnTnE	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97130	12	+	ro
862	00140	12	+	+
871	00140	13	+	+
797	00130	11	+	+
776	00130	11	+	+
775	96141	13	ro	rirorо
772	01141	13	rorodo	dorordodo
586	07141	14	irorrorodoro	rrorodorodrdo
590	01131	13	dorododo	rorodrdodo
497	06142	13	irrorо	rrdddodo
502	91131	10	+	iro
627	05131	12	roirr	rrro
628	01141	13	doroiro	drdodororrodo
715	05131	13	irororor	irorrf
707	09151	14	rorr	rfrroro
827	97151	14	+	ro
817	05141	13	iro	roroirid
804	06142	14	iro	roroifrr
809	02141	13	iro	iropro
894	00130	11	+	+
534	93111	08	dorodrdrdo	ffFdoro
559	96141	13	iro	iroidodoro
462	95121	11	dorododo	dorododo
354	02101	08	doroDdr	+
414	93091	06	roff	ff-f
360	00091	05	+	+
396	00100		+	+
257	00100	07	+	+
262	00100	06	+	+
222	00091	05	+	+
302	00101	09	+	+
334	00081	07	f-ff	f-ffF
318	97121	11	+	pro
204	97101	06	+	pro
131	00080			
162	91051	01	f	ffdo
135	97071	03	pro	+
140	96051	02	prorrrorо	+
171	92071	03	+	ro
091	91051	01	pro	pro
005	04011	53	rrorophr	idoprosapso
075	00031	01	+	+
010	01040	02		
049	96031	02	pro	pro
026	01011	52	pro	pro
022	94041	03	pro	prpro
100	02061	04	propR	pRpr
917	97071	04	rodo	+
980	07081	06		
976	97081	07		
965	97071	05		
969	97091	07		
962	97091	07		
952	97091	05		
953	97081	06		

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	99620	70330	12004	30606	98018	23400	39400	00113	82915	/////	06255	10708	30201	04004
B	99565	70510	12004	81247	96626	00705	8042/	00877	88510	/////	0//05	10641	30709	/////
C	99525	70359	12003	50607	98012	23808	55500	00108	85622	/////	0//05	10888	30000	/////
D	99439	70410	12004	30405	98021	25413	21501	00605	82820	/////	0//07	11824	30000	33804
E	99346	70480	12003	60308	98022	25222	21502	00107	82820	860//	0//19	12414	30201	99/03
I	99588	70193	12004	81009	98021	19105	884//	00114	82818	88360	06353	11292	30302	32805
J	99525	70199	12004	60307	98031	13512	28505	00206	81820	85272	0//10	11465	30100	99/04
K	99449	70160	12004	01514	96011	12017	00900	00808	/////	/////	0//14	11834	30401	30201
M	99659	10014	12004	73018	97158	96602	795//	00226	87925	/////	06403	10900	30405	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99LaLaLa	QcLoLoLoLo	YYGGiw	Nddff	VVwwW	PPPTT	NhClhCMCH	Dsvsapp	8NsChshs	8NsChshs	OTsTsTdTd	ITwTwTwT	3PwPwHwHw	dwdwPwHwHw
A	99619	70330	12064	00110	99010	25001	00900	00303	/////	/////	0//57	10733	30301	04003
B	99565	70510	12064	81160	96636	84705	8042/	00776	88510	/////	0//05	10646	30917	/////
C	99527	70355	12063	81313	98032	21608	2752/	00509	82720	88460	0//04	11069	30301	99/05
D	99438	70410	12064	22304	98030	24713	18501	00708	81825	/////	0//07	1////	30000	33602
E	99348	70480	12063	40805	98021	24422	22502	00804	82820	/////	0//19	12332	30000	99/02
I	99590	70190	12064	31308	98027	20004	32400	00502	83816	/////	06502	11203	30201	32803
J	99525	70201	12064	80527	97508	15311	854//	00313	82715	88630	0//10	11473	30505	04806
K	99449	70160	12064	01114	96020	10517	00900	00601	/////	/////	0//14	11820	30000	18201
M	99658	10015	12064	72922	97878	97703	69660	00501	86930	/////	06155	10884	30506	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40137

Date of Issue Wednesday 13 October 1971

Code FM 11.D

OBSERVATIONS at 12h. — 12 October 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	72409	64022	14617	68632	12803	84830	85645	
Hurn	862	62108	65032	15318	52431	13904	85818		
Thorney Island	871	62009	70012	15518	21532	14803	82822	85075	
Manston	797	62312	74012	15019	58532	13806	83822	85656	
Gatwick	776	62410	67022	15220	32538	12804	83823	83367	
Kew	775	72604	70016	14718	685/1	13806	84820	86650	
Heathrow	772	72407	62026	14719	12571	13805	81823	83359	86362
Honington	586	83205	48506	14315	853//	13001	83706	88620	
Wattisham	590	82406	37216	14615	852//	14801	83704	87707	88620
Gorleston	497	82804	40056	14215	864//	14102	88710		
Aberporth	502	70206	69012	15214	32432	11101	83818	86359	
Ross-on-Wye	627	80602	60026	14514	2742/	12400	82715	88458	
Filton	628	80402	32586	15214	872//	13002	86705	88706	
Rhoose	715	80707	56206	14514	852//	14001	85703	88614	
Chivenor	707	70203	74026	14716	78531	13205	83820	86638	86075
Mount Batten	827	82207	48056	15016	6833/	15802	82709	83816	86630
St. Mawgan	817	80106	69036	14715	852//	14801	85703	85708	88612
Scilly	804	80703	56036	14316	862//	15400	88703		
Culdrose	809	70000	60026	14916	4841/	13302	82710	83818	87459
Guernsey	894	71707	70022	16317	42432	11801	84812		
Elmdon	534	80105	62036	15014	884//	10105	81814	88645	
Cardington	559	83502	40606	15213	853//	12104	85708	88618	
Wittering	462	80206	62032	14715	884//	10104	82815	88650	
Watnall	354	72806	66022	14715	12532	10002	81822	83360	87075
Shawbury	414	83605	70034	15314	3258/	09105	83822	84362	88465
Finningley	360	53007	66022	14316	28632	10002	81830	85075	
Kilnsea	396	52914	58031	14016	22571	10001	82820	84360	
Leeming	257	73410	89022	15312	18532	05111	81825	83362	86075
Tynemouth	262	83418	66022	15210	855//	05218	88625		
Carlisle	222	73103	82022	15710	28475	04109	81717	86463	
Valley	302	80114	82032	16413	884//	09109	83818	88645	
Ringway	334	73205	58024	15213	35631	09205	83635	83360	85075
Squires Gate	318	73412	84018	15913	12432	07211	81818	87072	
Ronaldsway	204	73510	84038	16611	28536	05110	81820	84359	87070
Mull of Galloway	131	83516	80032	17111	32507	04118	83825	88275	
Eskdalemuir	162	73406	80032	15908	25632	03115	82634	87072	
Prestwick	135	73408	82022	16410	38542	03109	82824	87080	
Abbotsinch	140	73407	86021	16510	21542	00116	82825	87075	
Leuchars	171	73604	86032	15909	48532	03123	81820	83633	87080
Dyce	091	53214	82031	15608	28504	50120	81820	85075	
Lerwick	005	93511	09868	13650	9////	50221	89/03		
Wick	075	73016	37848	15303	793//	03316	83708	87912	
Sule Skerry	010	63524	81038	15204	635//	03224	86925		
Cape Wrath	049	53208	83018	16705	535//	52239	85920		
Stornoway	026	53416	80251	18407	52400	51223	85818		
Benbecula	022	43621	82158	19707	39401	02222	83918		
Tiree	100	43517	87018	19008	38501	01220	82822		
Aldergrove	917	83511	83032	18009	2841/	04112	82818	88462	
Malin	980	70118	84258	18709	33506	02113	83920	87270	
Belmullet	976	80615	84606	18910	4642/	04108	82718	88458	
Birr	965	80306	80606	18110	7847/	06206	81716	87637	88462
Dublin	969	80107	82032	17911	3547/	06211	81715	83640	88460
Shannon	962	80307	66615	17611	864//	09210	82711	84715	88630
Roches Point	952	70910	75022	16314	7847/	11304	83818	87640	
Valentia	953	80903	68032	15515	885//	11204	82822	88645	

OBSERVATIONS at 18h. — 12 October 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	82605	56608	14415	6552/	13305	82620	85630	88459
Hurn	862	72003	50052	14716	40932	14101	84359	83075	
Thorney Island	871	72306	64022	15115	50972	13001	83362	84465	85075
Manston	797	72107	40102	14714	10931	13303	81360	87075	
Gatwick	776	72207	62022	14815	45738	13303	84656	83362	87275
Kew	775	80303	58218	14914	853//	12308	81709	87622	88656
Heathrow	772	80207	50218	15014	7532/	12309	82709	87615	88459
Honington	586	80000	23616	15512	851//	12302	81702	85711	88634
Wattisham	590	80403	30616	15112	855//	11207	85624	88640	
Gorleston	497	80000	48616	15114	854//	12207	88614		
Aberporth	502	63615	74012	15712	6843/	10303	82816	85650	
Ross-on-Wye	627	80105	48056	15413	864//	11310	88710		
Filton	628	80303	56615	15313	852//	12303	82704	83610	88620
Rhoose	715	80603	50216	14713	5527/	12304	82705	85620	88360
Chivenor	707	80000	72216	14515	6567/	13203	86640	88459	
Mount Batten	827	83103	48216	14715	853//	14301	81707	88640	
St. Mawgan	817	80308	28636	14514	853//	14500	85707	86709	88630
Scilly	804	80306	48022	14114	862//	14703	88703		
Culdrose	809	80000	28206	14415	6732/	14501	83706	84710	88460
Guernsey	894	60000	70022	15315	20932	12601	82365	86075	
Elmdon	534	83508	59026	15912	4567/	07309	84640	88360	
Cardington	559	80602	30616	15412	854//	12302	85712	88630	
Wittering	462	81803	58216	15213	855//	12308	85624	88645	
Watnall	354	80103	59042	16112	7542/	09314	87619	88460	
Shawbury	414	83508	74022	16911	7562/	06311	85634	86650	88465
Finningley	360	80109	66022	16511	4562/	05215	84630	88465	
Kilnsea	396	80120	66022	15012	8097/	09210	88460		
Leeming	257	80107	61042	18110	45577	06122	84628	86360	88270
Tynemouth	262	80120	74028	18509	855//	04224	88625		
Carlisle	222	80503	66022	18408	4857/	06219	81822	84640	88464
Valley	302	73610	82032	17810	3557/	07208	81620	83630	86359
Ringway	334	73106	65022	17210	15638	04213	81645	86360	87270
Squires Gate	318	70407	70022	17709	1857/	05215	81820	87362	
Ronaldsway	204	83606	81212	18409	1567/	04210	81632	83359	88461
Mull of Galloway	131	80218	86022	18309	2152/	01210	82825	88460	
Eskdalemuir	162	80203	69032	18906	6842/	03116	82710	83635	88461
Prestwick	135	80205	86022	19107	28637	02213	81830	88275	
Abbotsinch	140	72804	86018	19107	28538	03214	81828	87270	
Leuchars	171	73610	83022	19506	7561/	51224	87637	87460	
Dyce	091	73214	66028	19704	25402	01224	81715	87070	
Lerwick	005	33305	74278	16001	39400	53216	83912		
Wick	075	63106	56878	19701	59402	50220	84912		
Sule Skerry	010	43219	82018	19004	49500	03211	84920		
Cape Wrath	049	43210	85018	19504	43500	56208	84920		
Stornoway	026	63004	82238	21802	5256/	01213	85825		
Benbecula	022	10207	87150	22104	12432	00313	81815		
Tiree	100	70215	89011	21106	2157/	50305	82820	86368	
Aldergrove	917	70207	84018	19907	1552/	01209	81620	87458	
Malin	980	70320	86012	20508	38532	51205	81825	83640	85360
Belmullet	976	80611	81216	20007	5642/	05106	83718	84630	88458
Birr	965	80207	70616	19408	6542/	06312	82715	86628	88459
Dublin	969	83610	70606	19109	6552/	05310	82720	85630	88458
Shannon	962	80310	66616	18409	864//	07213	82712	85718	88635
Roches Point	952	80713	65606	16412	7737/	10500	86708	84635	88458
Valentia	953	80815	56616	15211	863//	09201	86709	88630	

OBSERVATIONS during DAY

Station	iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	03201	010	+	$pr_or_or_or$
Hurn	862	00190	050	+	+
Thorney Island	871	00190	056	+	+
Manston	797	00200		+	+
Gatwick	776	00200	052	+	+
Kew	775	02191	001	r_opr_o	$pr_or_or_oRd_or_o$
Heathrow	772	04201	017	pr_o	$r_or_or_od_or_o$
Honington	586	08151		$d_od_or_or_o$	d_or_o
Wattisham	590	08151	000	$ir_od_or_od_or_o$	r_or_oir
Gorleston	497	05152	000	id_oir_o	r_or_or
Aberporth	502	00141	012	+	+
Ross-on-Wye	627	91151	000	r_o	r_o
Filton	628	07151	000	$Rr_or_od_or_od_or_o$	$d_or_od_or_oRr_or_o$
Rhoose	715	01151	000	ir_oid_oidir	ir_o
Chivenor	707	01171	001	$r_or_oir_o$	ir_oRr_o
Mount Batten	827	01171	000	r_oir	$r_or_od_od_o$
St. Mawgan	817	07161	000	id_o	rrd_od_o
Scilly	804	93171	000	ir_o	+
Culdrose	809	01162	000	ir_oid_o	ir_oid_o
Guernsey	894	00170	084	+	+
Elmdon	534	97151	001	ir_o	ir_o
Cardington	559	07151	000	$d_or_or_or_o$	r_or_o
Wittering	462	01151	000	ir_o	$r_or_opr_opr$
Watnall	354	00161	007	+	+
Shawbury	414	00151	009	+	+
Finningley	360	00170	037	+	+
Kilnsea	396	00160	035	+	+
Leeming	257	97130	014	+	ir_o
Tynemouth	262	97110	007	pr_o	pr_o
Carlisle	222	00111	000	+	+
Valley	302	00131	001	+	+
Ringway	334	00141	020	+	+
Squires Gate	318	00131	013	+	+
Ronaldsway	204	94111	012	+	r_or_o
Mull of Galloway	131	00110			
Eskdalemuir	162	00091	009	+	+
Prestwick	135	00111	038	+	+
Abbotsinch	140	97111	044	pr_o	+
Leuchars	171	00101	018	+	+
Dyce	091	92091	072	+	pr_opr
Lerwick	005	04036	009	$ps_opss_os_o$	$ph_oph_os_o$
Wick	075	03075	058	$pr_ophrprspr$	$psph_oph_or_o$
Sule Skerry	010	01100			
Cape Wrath	049	94051	054	pr_o	ph_o
Stornoway	026	01071	074	pr_o	pr_os_o
Benbecula	022	00081	076	jp	jp
Tiree	100	00081	035	jp	+
Aldergrove	917	97091	000	+	pr_o-r_o
Malin	980	9309	000		
Belmullet	976	0110	000		
Birr	965	0110	000		
Dublin	969	9711	000		
Shannon	962	0211	000		
Roches Point	952	9714	007		
Valentia	953	0315	005		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

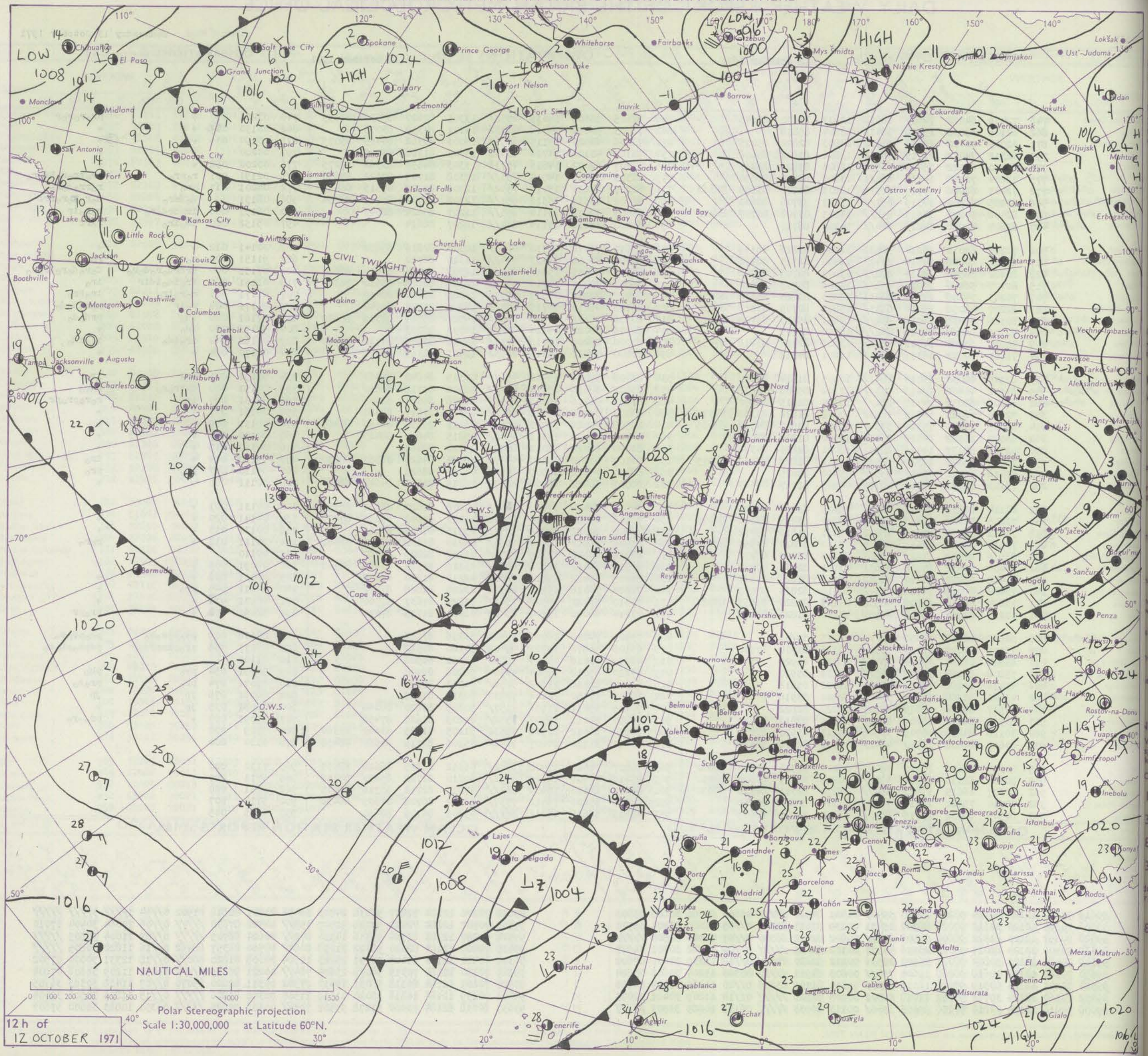
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	12124	50924	98278	24703	59400	21301	84910	/////	05700	10706	30605	05903
B	99566	70505	12124	32112	97026	88707	15431	00139	81615	83367	0//05	10660	30404	15911
C	99528	70357	12123	81522	98608	18908	8742/	00802	82712	88530	0//07	11044	30504	/////
D	99439	70409	12124	82014	98021	23916	45577	00102	84625	/////	0//09	11782	30301	34903
E	99349	70480	12123	50804	98021	26523	22536	00212	82820	840//	0//18	12330	30000	07602
I	99590	70189	12124	70618	98268	19605	794//	00803	84911	/////	06303	11207	30605	03604
J	99524	70201	12124	80519	97026	18112	883//	00311	81709	83816	0//10	11460	30404	04806
K	99452	70160	12124	30716	97011	11018	28502	00105	82826	/////	0//14	11809	30401	32003
M	99658	10016	12124	72818	97158	99003	6966/	00113	86935	/////	06153	10885	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_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	70326	12184	71417	98038	24703	39456	21801	82818	81922	0//54	1////	3////	/////
B	99563	70507	12184	72022	97028	92007	755//	00322	87630	/////	0//06	10664	30404	17010
C	99528	70357	12183	81724	95516	14310	872//	00624	88705	/////	0//09	11004	30505	/////
D	99439	70406	12184	82020	98022	21018	8087/	00500	86357	88462	0//16	11822	30805	/////
E	99349	70481	12183	61005	98031	25223	11504	00608	81820	860//	0//18	12331	30000	07502
I	99589	70190	12184	70319	98038	23604	784//	00221	86815	/////	06451	11209	30806	07804
J	99523	70201	12184	60118	98031	19411	27502	00311	82820	85070	0//07	11468	30303	36705
K	99451	70159	12184	10616	98020	11518	11500	00308	81826	/////	0//15	11805	30502	32004
M	99657	10018	12184	70000	97278	99902	795//	00309	87925	/////	06351	10883	30000	99607

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
1008
HIGH
1024
LOW
996
HIGH
1028
HIGH
LOW
HIGH
CIVIL TWILIGHT
(October)
Spokane
Salt Lake City
Grand Junction
Prince George
Whitehorse
Watson Lake
Fort Nelson
Calgary
Edmonton
Fairbanks
Barrow
Inuvik
Mys Šmidta
Nižnie Kresty
Ust'-Judoma
Lokšak
Monclova
El Paso
Midland
San Antonio
Fort Worth
Dodge City
Rapid City
Regina
Bismarck
Island Falls
Omaha
Winnipeg
Kansas City
Little Rock
Jackson
St. Louis
Minneapolis
Churchill
Baker Lake
Chesterfield
Coppermine
Sachs Harbour
Mould Bay
Cambridge Bay
Resolute
Arctic Bay
Eureka
Alert
Thule
Nord
Danmarkshavn
Daneborg
Barentsburg
Hopen
Boothville
Montgomery
Nashville
Columbus
Chicago
Nakina
Moosonee
Port Harrison
Nottingham Island
Fort Chimo
Nitchequon
Cape Dyer
Frobisher
Clyde
Upernavik
Tampa
Jacksonville
Augusta
Charleston
Pittsburgh
Toronto
Detroit
Ottawa
Montreal
Washington
Norfolk
New York
Boston
Caribou
Anticosti
Yarmouth
Sable Island
Gander
Cape Race
Bermuda
Frederikshab
Godthaab
Angmagssalik
Scoresbysund
Jan Mayen
Reykjavik
Dalatangi
Thorshavn
Lerwick
Stornoway
Belmullet
Valentia
Belfast
Glasgow
Holyhead
Manchester
Aberporth
Scilly
Brest
Cherbourg
Paris
Bruxelles
Tours
Dijon
Bordeaux
Santander
La Coruña
Porto
Madrid
Lisboa
Barcelona
Mahón
Alicante
Gibraltar
Alger
Oran
Casablanca
Agadir
Tenerife
Funchal
Lajes
Ponta Delgada
Corvo
Lagos
Tunis
Malta
Gabes
Misurata
Benina
El Adem
Mersa Matruh
Gialo
Lagh'ouat
Béchar
Ouargla
Kabinda
Mys Čeljuskin
Ostrov Uedineniya
Dikson Ostrov
Ostrov Kotel'nyj
Ostrov Žohova
Čokurdah
Kazač'e
Verchojansk
Oymjakon
Oldek
Jakutsk
Viljujsk
Olenek
Erbogačen
Tura
Dudinka
Vechne-Imbatskoe
Turuhansk
Russkaja Gavan'
Tarko-Sale
Aleksandrovskoe
Mare-Sale
Malye Karmakuly
Muži
Hanty-Mansijsk
Berezovo
Ust'-Cil'ma
Ust'-Kamenogorsk
Ob'jačevo
Tobodanovo
Nižnevartovsk
Kogalym
Sančursk
Vologda
Kotlas
Vaasa
Ostersund
Ona
Oslo
Stockholm
Helsinki
Riga
Minsk
Moskva
Penza
Kazan'
Smolensk
Kalinin
Gdańsk
Warszawa
Berlin
Hannover
Hamburg
Kiev
Rostov-na-Donu
Częstochowa
Praha
Wien
München
Odessa
Simferopol
Sulina
Tuapse
Inebolu
Istanbul
Sofia
Skopje
Beograd
Zagreb
Venezia
Genova
Ancona
Roma
Brindisi
Larissa
Athinai
Rodos
Mathoni
Heraklion
Messina
Napoli
Bucuresti
Kayes
Nioro
Bamako
Mopti
Gao
Tombouctou
Agadez
Zinder
Kano
Maiduguri
Fort Lamy
Abéché
Faya-Largeau
Kufra
Sarh
Bangui
Fort Archambault
Fort Crampel
Fort Sibut
Bambari
Bria
Ndélé
Birao
Am Timan
Mongo
Abeché
Moundou
Pala
Fort Foureau
Fort Gouraud
Fort Trinquet
Bilma
Faya-Largeau
Kufra
Sarh
Bangui
Fort Archambault
Fort Crampel
Fort Sibut
Bambari
Bria
Ndélé
Birao
Am Timan
Mongo
Abeché
Moundou
Pala
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Fort Gouraud
Fort Trinquet
Bilma
Kayes
Nioro
Bamako
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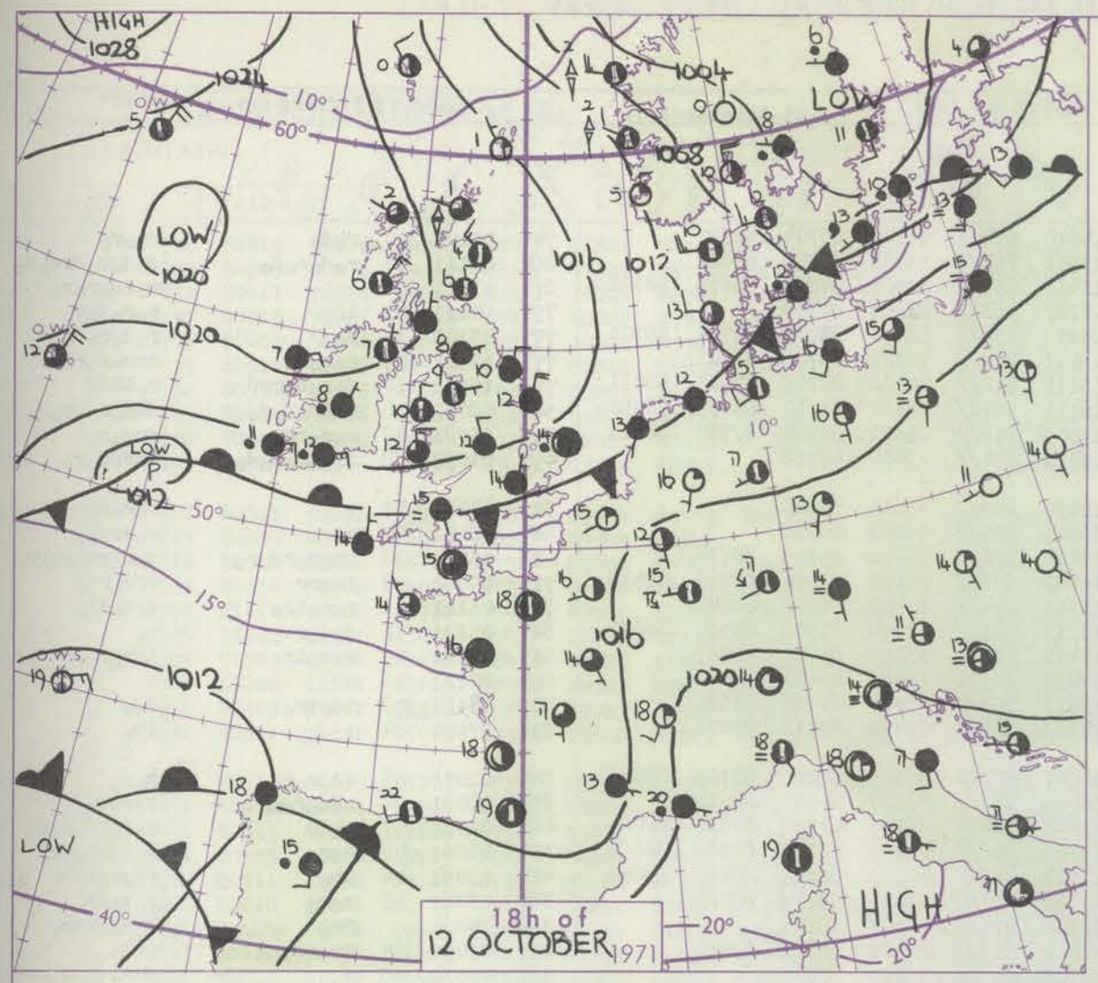
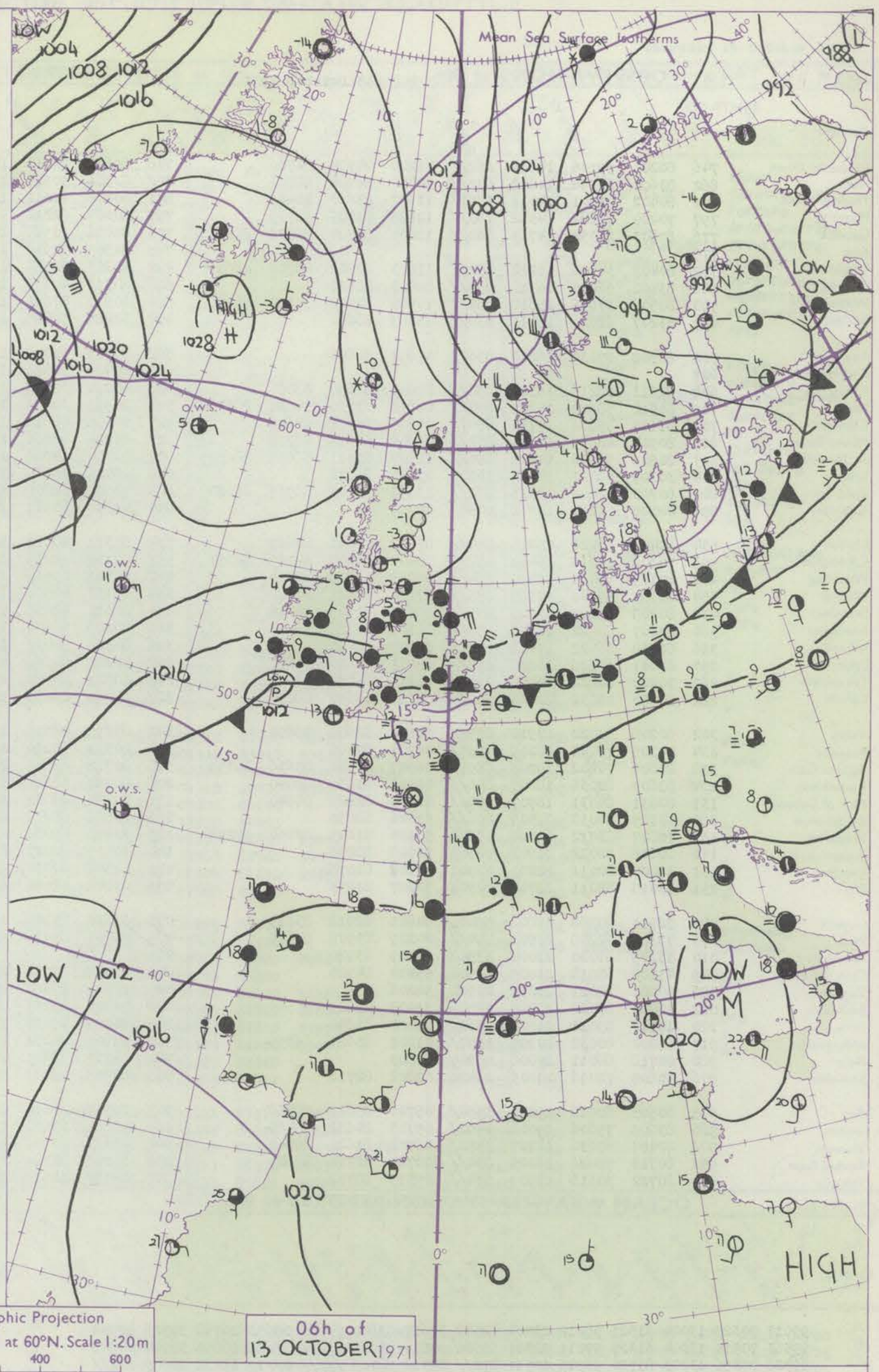
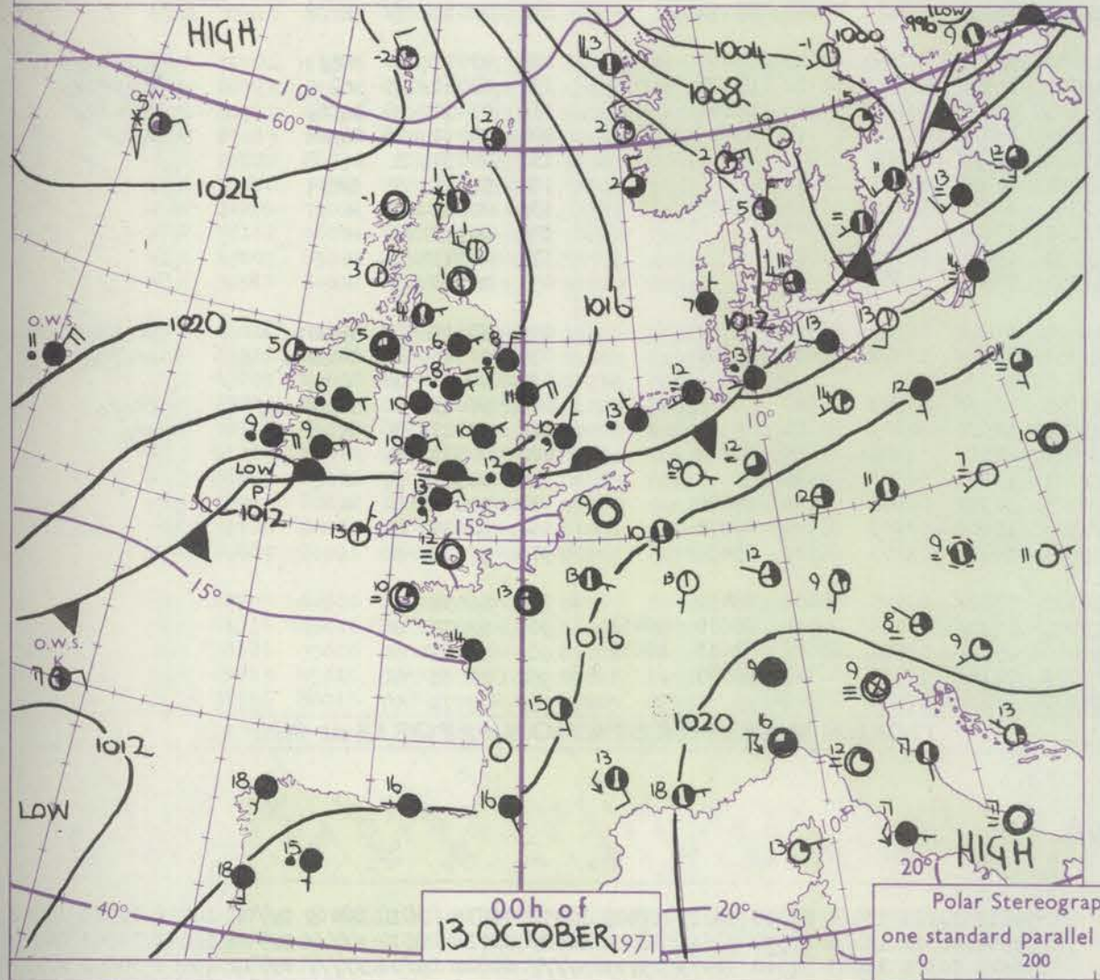
Gao
Tombouctou
Agadez
Zinder
Kano
Maiduguri
Fort Lamy
Abéché







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 13 October 1971

A southeastward moving anticyclone over Iceland has begun to extend its influence over the northern parts of Britain bringing cold air from polar regions but the slow-moving frontal trough over southern England has made little progress over the last 24 hours and a shallow low has developed just south of Ireland. During the next 24 hours this small low will travel eastwards into northwest Germany and the cold front will then move away southward into France. The anticyclone over Iceland will continue southeast and is expected over Scotland by morning.

Code FM 11.D

OBSERVATIONS at 00h. 13 October 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	59106	14811	862//	11000	84704	88706	
Hurn	862	83604	30586	14612	872//	12400	86704	88706	
Thorney Island	871	80402	23101	14411	3557/	11807	83620	88459	
Manston	797	70000	15282	14512	763//	12805	83705	88709	
Gatwick	776	80503	28052	14713	862//	12803	83704	86705	88706
Kew	775								
Heathrow	772	80407	34606	15212	852//	11803	82704	86706	88616
Honington	586	83402	56636	16110	855//	10003	88627		
Wattisham	590	80504	37616	15610	852//	10803	82703	85614	88628
Gorleston	497	83207	62626	15813	856//	11003	88640		
Aberporth	502	80708	69032	16210	856//	07801	88640		
Ross-on-Wye	627								
Filton	628	80311	62216	16110	856//	07803	85638	88656	
Rhoose	715	80512	58602	15209	854//	06802	83710	84630	88645
Chivenor	707	81108	59606	14713	854//	10803	83712	88645	
Mount Batten	827	80904	48635	14313	872//	13804	86704	88708	
St. Mawgan	817	80509	58606	14213	854//	11807	82711	86615	88650
Scilly	804	30305	69021	14713	35500	13803	83623		
Culdrose	809	80703	22606	14313	852//	13602	82703	85707	88620
Guernsey	894	00000	63111	14912	00900	12710			
Elmdon	534	80405	59026	16910	854//	07002	82613	88627	
Cardington	559	80306	23516	16410	852//	10004	81704	84707	88617
Wittering	462	80109	69028	16510	804//	09005	82815	88625	
Watnall	354	80107	59042	17909	855//	07306	82620	88628	
Shawbury	414	80205	69022	17509	855//	06601	82625	88645	
Finningley	360	83607	80022	18309	855//	06107	88628		
Kilnsea	396	80518	66022	17411	8097/	07209	88460		
Leeming	257	83611	69216	20207	855//	05211	83620	88637	
Tynemouth	262	70222	81028	20408	2557/	01213	82625	87358	
Carlisle	222	80503	62032	20806	856//	02114	84630	88650	
Valley	302	80208	80022	17910	855//	07504	82626	88650	
Ringway	334	70305	70022	18209	7097/	06204	87360		
Squires Gate	318	80606	70602	19208	6557/	06307	82620	85636	88359
Ronaldsway	204	83605	82036	18807	856//	06602	81630	88640	
Mull of Galloway	131	80831	84031	18907	885//	02003	82825	88640	
Eskdalemuir	162	80109	80018	21503	856//	51006	88630		
Prestwick	135	70807	83012	21204	15678	50106	81645	83466	87273
Abbotsinch	140	60605	82022	21903	00901	52008	86075		
Leuchars	171	10000	82011	22201	00901	51107	81075		
Dyce	091	13015	82011	21701	00901	52207	81075		
Lerwick	005	52911	80268	17802	59400	54001	82912	83815	
Wick	075	73307	62858	21501	794//	00209	85915	86635	
Sule Skerry	010	33209	81020	21004	33500	03209	83920		
Cape Wrath	049	43208	83018	21005	43500	55202	84920		
Stornoway	026	00000	82021	23051	00900	52206			
Benbecula	022	10000	87020	23200	12500	51203	81825		
Tiree	100	10310	89011	21903	15600	01003	81640		
Aldergrove	917	60000	80032	20105	3557/	01801	83624	86359	
Malin	900	00710	86011	20808	00900	50503			
Belmullet	976	30805	78016	20005	26420	02802	82718		
Birr	965	80503	62616	19206	5552/	05706	85621	88458	
Dublin	969	83605	75606	19008	4562/	05703	84632	88460	
Shannon	962	80407	60636	18107	3552/	06708	83620	88545	
Roches Point	952	80715	70026	16009	854//	06709	82714	88629	
Valentia	953	80722	30616	13509	874//	07515	88712		

OBSERVATIONS at 06h. 13 October 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	80610	50616	14310	872//	10302	85704	88707	
862	80306	30516	13911	852//	11603	86704	88622	
871	80208	61212	13613	853//	12801	84707	85618	88628
797	80609	62212	13713	7637/	12604	87708		
776	80406	20586	14211	872//	11400	82703	86704	88706
775	80305	32636	15011	872//	10302	85705	88707	
772	80307	32596	15111	872//	10302	82705	87707	88711
586	80311	40656	16909	5542/	08310	81710	85635	88550
590	80513	37636	15509	852//	09301	85704	87707	88615
497	80226	58636	15411	874//	09400	88718		
502	80706	61032	15410	855//	06605	88623		
627	80406	57026	16009	864//	08102	88710		
628	80210	32615	15610	872//	09602	85705	88710	
715	80513	30636	14709	6722/	08802	82704	86706	88518
707	80905	48616	13911	854//	10803	84618	88640	
827	81206	48206	13213	853//	12604	83706	85710	88622
817	80000	14286	13413	860//	13503	83700	88705	
804	30000	74010	14013	25530	12706	82623		
809	70000	32206	13713	753//	13400	84708	87620	
894	42506	60111	14312	26432	12602	82712	83075	
534	80311	40612	17607	7732/	06305	82706	86709	88556
559	80314	59216	16709	863//	09207	84707	88712	
462	80313	69516	17308	7542/	06206	81710	87630	88460
354	80111	48596	19106	852//	06209	82705	87708	88619
414	80610	48636	17907	855//	06105	82625	85645	88650
360	80209	66636	19806	853//	06211	81709	88625	
396	80526	66636	18709	873//	08107	88706		
257	70207	80606	21506	755//	02105	83623	87640	
262	60521	81022	21607	5563/	51303	85630		
222	50402	66031	22202	35701	51304	83650	85072	
302	80719	58616	17408	5557/	07202	82625	85650	88459
334	80513	65616	19206	4542/	04307	82712	83622	88556
318	80712	65616	20105	6537/	04107	81708	86641	88359
204	80722	62616	19207	854//	04305	82712	85616	88626
131	70730	84032	19606	756//	51004	87640		
162	23506	80031	23250	00904	55303	82070		
135	30505	84031	22351	10931	53400	81365	83075	
140	10000	82021	22953	00901	55501	81075		
171	12507	86030	23253	15600	55302	81630		
091	01502	82010	22351	00900	53601			
005	63310	74878	18500	69400	51307	86912		
075	32706	80038	21651	39400	52502	81915	83640	
010								
049	63208	83038	21605	635//	53202	86920		
026	10000	84020	23051	12530	51301	81820		
022	70000	88031	22601	2553/	51302	81625	86362	
100	21109	89030	22001	15602	52503	81640		
917	70809	80032	20405	20972	00801	82460	87070	
900	61113	89031	20906	15606	50703	81640	86275	
976	60705	75031	19904	2642/	01503	82717	85458	
965	80305	66616	18005	5562/	04703	85631	88458	
969	70605	70606	17708	6542/	06703	82715	85630	86458
962	80313	62616	17006	855//	05301	83623	85633	88650
952	80815	50616	14509	7732/	08710	86707	88537	
953	80717	56616	14309	863//	07008	88708		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	04101	10	$r_or_od_od_o$	rr_or_o
862	02111	10	$r_or_od_or_od_od_o$	$d_od_or_or_od_rd_od_o$
871	03111	06	+	$r_or_od_or_or_o$
797	94111	07	if	$r_or_od_or_o$
776	05101	10	r_or_o	$r_od_or_od_o$
775	13102	09	$r_or_or_oR$	$Rrr_or_or_rr$
772	15102	10	$d_or_od_or_rR$	r_oRRdr
586	08091	08	$rrR_rr_od_od_o$	$ddd_or_oR_rr_or_o$
590	13081	08	$r_or_or_rr$	$rrr_or_or_o$
497	04092	08	$rrr_or_od_od_o$	$ddrrr_or_o$
502	04081	07	+	$r_or_or_rr$
627	02071	07	r_o	$r_or_rr_or_o$
628	05092	08	$rr_or_or_rd_or_o$	$d_or_or_rr_or_or_rr_o$
715	09081	08	ir_or_rr	$rrr_or_or_r$
707	01111	11	$r_or_oir_o$	$d_or_oir_o$
827	05121	12	d_od_or	r_o
817	01111	09	r_or_oir	irr_or_oif
804	00121	06	+	+
809	93122	08	id_oir_o	id_o
894	97120	04	+	id_o
534	02071	06	$ir_or_or_o$	r_or_o
559	08091	08	$rRd_or_or_o$	$r_or_Rd_o$
462	02071	07	r_oRr	$r_or_or_rd_or_or_o$
354	06061	06	r_or_o	$r_or_rd_or_od_r$
414	05061	04	ir_o	$ir_or_or_rrR$
360	03061	06	r_or_o	$r_or_or_r$
396	94081		ir_o	$r_or_or_rir_o$
257	01051	04	$ir_or_rr_or_o$	ir_o
262	00070	05	+	+
222	00011	52	+	+
302	93071	06	ir_o	$r_or_oir_o$
334	03051	05	r_o	$r_or_rrir_o$
318	01051	04	r_or_o	$r_or_oir_o$
204	04061	05	r_or_oR	r_or_o
131	00050			
162	97511	55	pr_o	+
135	00521	55	+	+
140	00533	59	+	+
171	00543	58	+	+
091	00523	56	+	+
005	93516	53	$ph_op_os_o$	$ph_op_os_oph_op_os_o$
075	01525	54	$ph_op_os_o$	$p_os_oph_o$
010	96021	54		
049	97021	00	$ph_oph_or_o$	ph_or_o
026	97521	56	+	pr_o
022	00511	59	+	+
100	00501	57	+	+
917	00041	51	+	+
900	00051	02		
976	97021	50		
965	06051	05		
969	92071	06		
962	15061	06		
952	22081	08		
953	17071	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70325	13004	61521	98012	23004	32572	31617	83820	/////	05653	10768	30503	10904
B	99563	70510	13004	61327	97031	92307	65500	00811	86625	/////	0//05	10640	30604	04008
C	99528	70356	13003	81530	95505	10711	872//	00718	88705	/////	0//10	11032	30505	/////
D	99440	70410	13004	82118	98252	19818	7742/	00705	87718	/////	0//18	11747	30704	/////
E	99347	70477	13003	61306	98031	26921	21502	00112	82820	850//	0//17	12339	30000	99/02
I	99589	70191	13004	40410	97858	25104	43400	11102	84915	/////	06552	11185	30805	07804
J	99522	70201	13004	80318	97608	20911	854//	11208	83712	88620	0//10	11461	30303	99/05
K	99451	70160	13004	50612	96011	13817	55500	00209	85623	/////	0//15	11804	30000	32004
M	99652	10023	13004	43332	97158	05605	39560	32233	83925	/////	05753	10895	30810	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	13064	81328	98021	17405	3247/	71835	83818	88460	0//02	10711	30705	10902
B	99564	70510	13064	81518	96616	88006	8042/	00726	88510	/////	0//06	10649	30503	04007
C	99525	70355	13063	91818	92475	05711	9////	00822	89/02	/////	0//11	11001	30503	/////
D	99440	70408	13064	92307	95102	18218	9////	00008	89/12	/////	0//19	11849	30703	/////
E	99350	70478	13063	11705	98011	25621	00901	00606	810//	/////	0//17	12328	30000	99/02
I	99590	70189	13064	50410	98038	25604	33460	00601	81915	83818	06553	11207	30802	07803
J	99524	70200	13064	10516	98016	22211	10940	11204	81362	/////	0//07	11475	30302	04904
K	99451	70160	13064	20511	96031	15017	25500	00310	82626	/////	0//15	11802	30000	32003
M	99643	10034	13064	63120	97278	08905	59560	32220	85925	/////	05853	10942	30606	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40138

Date of Issue Thursday 14 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 13 October 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	80819	50616	14709	872//	08801	84705	88707	
Hurn	862	80508	58216	14312	852//	11804	82705	86707	88615
Thorney Island	871	80411	70026	14412	883//	10805	82707	83712	88628
Manston	797	80619	78026	14512	854//	10802	87711	88630	
Gatwick	776	80409	36586	15010	872//	10802	83705	88708	
Kew	775	80510	61616	15510	873//	08000	85708	88714	
Heathrow	772	80514	56616	15709	7532/	08803	82709	85712	86616
Honington	586	80513	59616	17509	854//	07802	85710	88656	
Wattisham	590	80613	59636	16909	7732/	08311	83706	86708	88550
Gorleston	497	80326	58606	17310	874//	07203	88718		
Aberporth	502	80811	56636	15408	5732/	07704	85709	88530	
Ross-on-Wye	627	80507	48616	16408	8022/	07703	88505		
Filton	628	80710	61616	16109	5732/	07803	85707	88512	
Rhoose	715	80616	58506	15008	872//	07000	83705	88707	
Chivenor	707	81111	72026	13712	854//	09803	82714	87620	88642
Mount Batten	827	71208	61056	13614	754//	13801	82712	87618	
St. Mawgan	817	71709	64034	13216	48432	12805	82712	83820	86360
Scilly	804	62206	66021	13116	32430	14709	83818	85360	
Culdrose	809	62303	69012	13416	48330	13703	83707	85360	
Guernsey	894	72511	74216	15015	75332	13602	82708	83616	85635
Elmdon	534	80513	60635	18207	7532/	05801	82708	87611	88550
Cardington	559	80415	61616	17309	873//	08802	85706	88709	
Wittering	462	80617	61636	18208	4732/	07801	84709	88530	
Watnall	354	80315	59616	19507	2552/	04803	82625	88545	
Shawbury	414	80911	61636	19207	6742/	04400	86715	88535	
Finningley	360	80610	74026	20309	6542/	04802	82615	85640	88459
Kilnsea	396	80520	66026	19910	3257/	04104	83820	88460	
Leeming	257	80608	82036	21709	856//	01802	81630	88656	
Tynemouth	262	70809	81022	22508	21638	01400	82830	87275	
Carlisle	222	70812	80022	22008	18532	01805	81828	87070	
Valley	302	70722	66616	18207	3532/	05000	81709	83650	87458
Ringway	334	80716	65606	19807	4542/	03801	81712	84620	88458
Squires Gate	318	80912	80016	20608	3857/	04201	81820	83645	88460
Ronaldsway	204	81017	82016	20409	886//	04201	83830	88650	
Mull of Galloway	131	70822	80032	20407	12536	03101	81825	83360	87075
Eskdalemuir	162	70608	74011	22705	25602	51204	82634	86070	
Prestwick	135	71204	75021	22408	10946	51802	81365	83172	87075
Abbotsinch	140	72102	56041	23006	00901	50802	87075		
Leuchars	171	63005	85011	23207	18402	51704	81818	86075	
Dyce	091	32912	84011	22906	11432	51000	81815		
Lerwick	005	33010	82158	18803	39403	53801	81910		
Wick	075	63312	81268	22505	5943/	01004	81915	84825	85360
Sule Skerry	010	43205	82038	22506	48500	05210	82820	84625	
Cape Wrath	049	63202	85022	23305	635//	51209	86920		
Stornoway	026	50108	86038	23707	32630	01002	83830	83360	
Benbecula	022	61309	89012	22807	685//	02801	81822	83640	86650
Tiree	100	70905	89031	22707	38436	01003	81818	84358	87275
Aldergrove	917	70911	82022	21008	15502	02301	81620	87070	
Malin	980	71110	88032	21609	11506	51000	81828	87275	
Belmullet	976	20609	81011	20011	12402	05806	81717		
Birr	965	80407	62616	17308	7742/	08707	87711	88534	
Dublin	969	81016	65616	18309	864//	06207	85715	88624	
Shannon	962	70110	75606	17109	6647/	07803	84711	85640	87459
Roches Point	952	80213	45616	14509	4732/	08801	84708	88530	
Valentia	953	70316	80016	15810	784//	07005	82713	85635	

OBSERVATIONS at 18h. — 13 October 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	80820	59616	13608	873//	07301	86707	88708	
862	80308	57516	12910	872//	09503	84705	88709	
871	80416	62606	12611	853//	09605	82706	83710	88621
797	80618	37586	14111	5732/	09301	82707	84710	88528
776	80411	28656	13810	872//	09301	83704	87705	88707
775	80512	59616	15108	873//	06306	86707	88710	
772	80415	58586	15407	873//	07307	84708	88710	
586	80519	59616	17507	5532/	02308	83708	85625	88540
590	80513	62636	17206	3552/	04211	83620	88550	
497	80427	60026	17111	856//	04204	88630		
502	80715	58636	15405	6542/	04306	82712	85615	88550
627	80510	57636	17603	8032/	03317	88508		
628	80414	56586	16006	5732/	05308	82707	85712	88515
715	80421	50635	14305	5732/	04302	85708	88512	
707	80713	49646	12110	894//	09500	82710	85918	88624
827	81210	48216	11512	6532/	12506	84708	86616	88462
817	82206	58036	10614	5847/	14608	82710	83817	88459
804	72206	66299	10214	784//	13709	84815	86623	
809	82305	32502	10915	4547/	14717	83712	83630	85359
894	82706	66032	12113	2557/	12608	82620	83358	87360
534	80515	57696	18903	873//	02309	84708	88710	
559	80520	46636	17605	872//	05213	86705	88708	
462	80618	56636	18705	6732/	03207	86709	88525	
354	80516	59616	20105	6742/	01307	86714	88520	
414	80908	50636	19705	854//	03209	86710	88616	
360	80206	74032	20407	6542/	03308	86616	88460	
396	80722	66022	19510	6557/	02207	82820	86630	88460
257	70505	82022	21807	656/2	02210	82630	85656	87075
262	70316	81022	22307	31508	50308	83820	87275	
222	50606	80012	22405	00902	01211	85072		
302	80715	62616	19006	2562/	04312	82635	88458	
334	70817	68616	20206	754//	01310	83712	87618	
318	70508	80022	20407	1157/	02209	81822	85358	87362
204	70715	75022	20608	22636	01308	82832	87270	
131	40915	79011	20508	45600	00202	84640		
162	40000	80011	23301	00902	52308	84073		
135	30807	80011	22103	15732	01203	81656	83072	
140	40607	58041	22405	10931	52303	81360	84075	
171	71803	83032	23004	756//	00304	81630	87656	
091	12707	82011	23002	15630	51304	81645		
005	23307	69268	20501	29400	51207	82910		
075	32607	89158	23100	29530	52305	81920		
010	53205	82038	22905	53500	50202	83920	85625	
049	53202	87012	23705	52500	53204	85820		
026	62609	84022	24005	3853/	00303	81820	86360	
022	71008	88152	23105	48532	03307	82822	84640	86360
100	51007	89012	22104	28432	00501	81818	83359	
917	30706	75011	21106	18501	01303	81820	83070	
980	21312	88020	21606	20932	51303	82360		
976	20303	81011	20906	28502	02309	81821		
965	30306	75016	18807	35400	05311	81715	83639	
969	70818	80216	18709	785//	05208	85820	86628	
962	80508	80036	17809	7547/	07310	81716	83630	86640
952	80214	62036	16009	863//	06313	86709	88630	
953	80308	80022	17910	885//	06314	85820	88640	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	02111	000	roror	roror
862	03121	000	dodorordr	dorodrdodoro
871	05121	000	rrorо	rorrorо
797	11121		dorоirо	drdrdororrlro
776	20112	000	rrorodororodr	drdororRRro
775	07102	000	rororRro	rrororr
772	09102	000	dorоRrr	dororroro
586	06091		rorodrdoro	[illegible]rrroro
590	07091	000	rororr	rrdororr
497	06102	000	rrrorо	rrir
502	23081	000	rororr	rrrorо
627	16081	000	rrrorо	rororrrs
628	12091	000	rorodoro[illegible]	dorodrR[illegible]
715	16092	000	irodorododo	dorrrRrr
707	19132	000	ro	RR
827	18151	001	+	tlrtlhrr
817	13172	017	ir	irliRroro
804	96181	026	+	tlr
809	05162	010	+	dodotlro
894	01171	020	idodoro	iro
534	24072	000	rorodoroRRrr	rrRRRSR[illegible]
559	12092	000	ro-roroR	roroRrr
462	15081	000	rororr	rr
354	05071	000	drdorororo	roro
414	17071	000	rr	rrro
360	91090	000	roro	+
396	97100	000	iro	+
257	00090	000	+	+
262	00090	027	+	+
222	00091	029	+	+
302	02071	000	roro	roro
334	92081	000	roro	roro
318	00091	000	+	+
204	97101	000	iro	+
131	00090			
162	00061	026	+	+
135	00090	061	+	+
140	00081	052	+	+
171	00091	080	+	+
091	00070	092	+	+
005	96045	066	psopho	psopsoro
075	96061	045	phoropproso	phproso
010	01071			
049	97061	022	+	pro
026	00081	043	+	+
022	91091	003	+	pro
100	00091	021	+	+
917	00090	023	+	jp
980	0009	079		
976	9712	077		
965	0409	000		
969	0309	000		
962	0210	000		
952	1210	004		
953	0410	005		

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

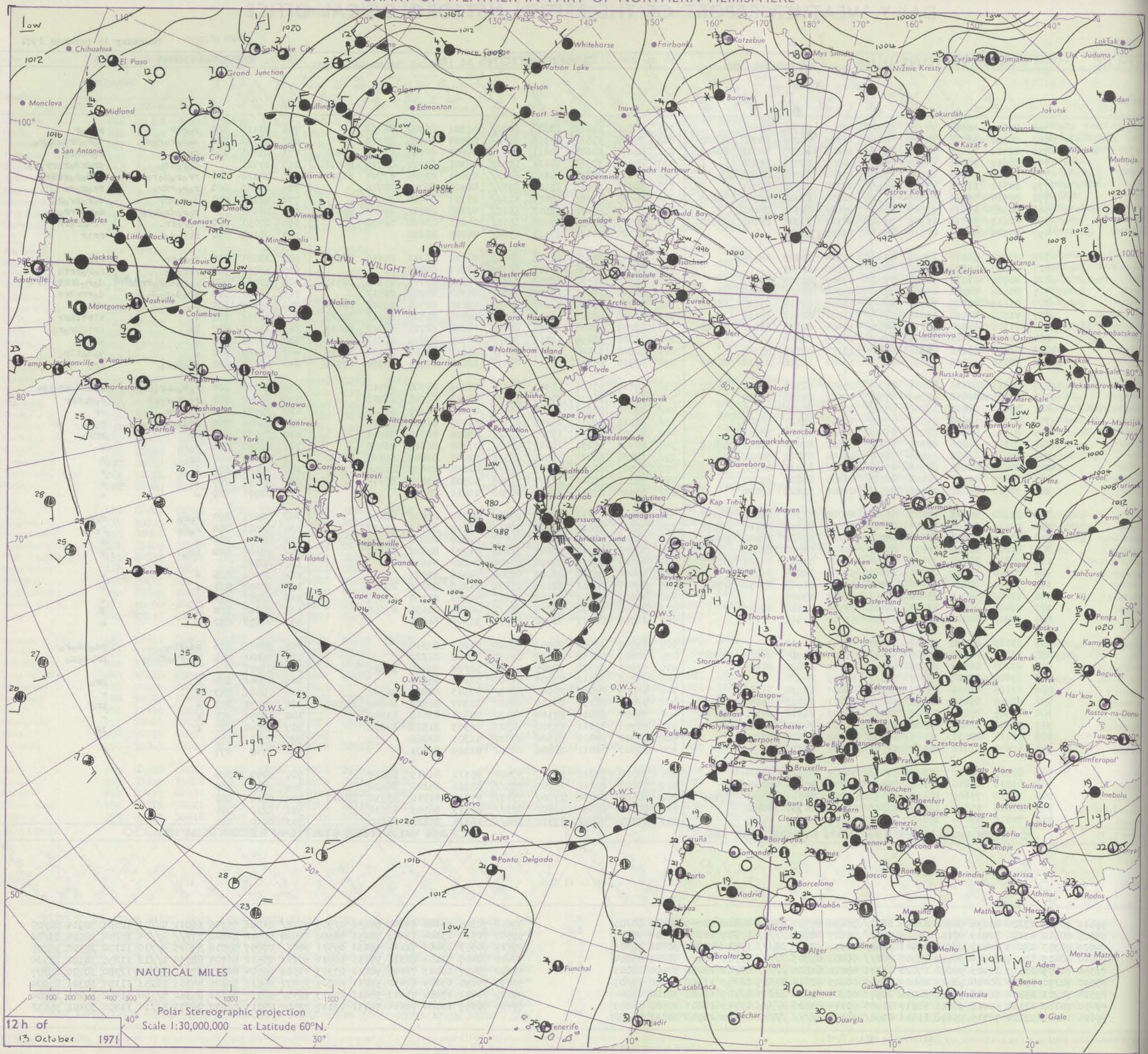
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70326	13124	81138	96602	12105	6832/	31634	85707	88545	05500	10760	30708	00/00
B	99565	70510	13124	82019	97166	86506	873//	00607	88709	/////	0//05	10641	30504	99/07
C	99529	70353	13123	82411	98024	06411	3642/	00307	83710	88///	0//10	118//	30502	99/05
D	99440	70409	13124	82314	95512	18808	862//	00003	88705	/////	0//18	11828	30401	25704
E	99348	70479	13123	21403	98020	27022	11571	08810	81820	/////	0//18	12296	30000	28003
I	99590	70190	13124	60000	98022	26005	68400	00105	82814	85625	06253	11186	30000	99/03
J	99524	70201	13124	71008	99011	22712	20978	00802	81362	86275	0//07	11468	30100	07804
K	99450	70160	13124	10416	98011	18317	11500	00114	81826	/////	0//15	11801	30502	34203
M	99634	10045	13124	72715	95878	11802	6956/	32210	/////	/////	05450	10968	30202	33608

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70325	13184	81140	95636	01905	7722/	21866	85706	86812	0//03	10681	30914	00/00
B	99565	70510	13184	72423	98256	88606	22508	00318	82820	872//	0//04	10644	30504	99/06
C	99529	70353	13183	72214	98031	05511	784//	00807	83818	87625	0//10	11100	30502	99/05
D	99440	70407	13184	82316	95615	16819	6722/	00512	86705	88530	0//18	11855	30502	25704
E	99350	70477	13183	72604	98021	25323	11506	00504	81820	870//	0//17	12280	30000	29807
I	99590	70190	13184	61410	98011	22705	25572	00613	82625	84363	06253	11197	30301	03004
J	99525	70201	13184	71613	98012	20213	1857/	00717	81822	85362	0//08	11452	30202	16804
K	99451	70159	13184	70414	98031	19117	22504	00213	82830	86073	0//14	11802	30401	35402
M														

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 13 OCTOBER 1971

00h of 14 OCTOBER 1971

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

Mean Sea Surface Isotherms

06h of 14 OCTOBER 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 14October 1971

The low off southern Ireland moved slowly southeast and began to fill as another low developed over northern France. Meanwhile the cold front, lying across southern England moved slowly south as a ridge of high pressure over Scotland pushed steadily southeast. During the next 24 hours the cold front now over north France will move away south. The anticyclone which is now centred over Scotland will move into the North Sea to dominate the weather over the British Isles. An Atlantic trough, however, will progress rapidly towards western Scotland.

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

Code FM 11.D

OBSERVATIONS at 00h. — 14 October 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	80416	40656	16604	873//	03223	84708	88710	
Hurn	862	80217	60615	14606	854//	05212	85713	88625	
Thorney Island	871	80418	66616	14007	854//	05306	87711	88625	
Manston	797	80522	69615	14809	854//	06305	83617	88625	
Gatwick	776	80516	45616	14907	6742/	05203	86712	88518	
Kew	775								
Heathrow	772	80418	61636	16606	7542/	04307	81711	84616	86625
Honington	586	80516	74606	18407	8092/	01204	88458		
Wattisham	590	80515	74606	18007	856//	00304	88645		
Gorleston	497	80432	63606	17310	874//	52704	88718		
Aberporth	502	80716	83212	19105	857//	01214	88650		
Ross-on-Wye	627								
Filton	628	80412	66687	19103	6732/	02213	86708	88520	
Rhoose	715	80621	65617	17403	853//	02114	82709	88630	
Chivenor	707	80819	69216	15405	856//	03216	88641		
Mount Batten	827	80718	74619	13806	856//	04318	88647		
St. Mawgan	817	80913	64606	13306	6557/	05121	86620	88360	
Scilly	804	70222	66031	12012	755//	12220	87620		
Culdrose	809	80728	69219	12410	853//	08215	83707	88624	
Guernsey	894	32710	62026	11511	37400	10704	83710		
Elmdon	534	80710	64637	20404	5542/	03007	81710	85613	88550
Cardington	559	80415	58636	19305	2742/	04308	82710	88514	
Wittering	462	80612	66616	20005	854//	03205	88615		
Watnall	354	83304	59586	20804	6552/	03003	86624	88550	
Shawbury	414	70404	69216	21204	3547/	02108	81715	83650	87358
Finningley	360	80107	82022	21206	857//	03110	88656		
Kilnsea	396	70819	66012	20109	3557/	03205	83625	87360	
Leeming	257	10104	40041	22902	15600	50207	81635		
Tynemouth	262	23211	66021	23405	25600	51107	82630		
Carlisle	222	10000	74021	24351	15700	51207	81650		
Valley	302	00509	80016	21804	00900	02215			
Ringway	334	50000	80016	21505	15630	02212	81635	85359	
Squires Gate	318	20309	81011	22403	10971	01209	81358		
Ronaldsway	204	50613	75031	23007	55600	01210	82634	85643	
Mull of Galloway	131	00820	84020	22305	00900	02210			
Eskdalemuir	162	03602	69020	25553	00900	54108			
Prestwick	135	20000	70020	24752	10942	53211	81362		
Abbotsinch	140	20000	40041	24750	15801	51209	81657		
Leuchars	171	02507	74021	24951	00900	52208			
Dyce	091	12811	82021	24600	15600	53210	81630		
Lerwick	005	03306	80010	22501	00900	51213			
Wick	075	32406	82258	24801	39400	00211	81915		
Sule Skerry	010	33605	82028	24605	33500	04212	83925		
Cape Wrath	049	30000	87018	24705	32500	55210	83820		
Stornoway	026	40000	82031	25401	45700	51210	84650		
Benbecula	022	71104	87028	24204	5563/	03205	81637	85643	86360
Tiree	100	11705	89011	23704	15602	50211	81640		
Aldergrove	917	10807	75030	23603	15600	01211	81635		
Malin	980	11611	86020	23302	10930	51207	81360		
Belmullet	976	00000	75020	22503	00900	02310			
Birr	965	50406	69031	22204	556//	03110	85636		
Dublin	969	50804	80026	22007	556//	03116	85641		
Shannon	962	00206	66011	21705	00900	04215			
Roches Point	952	80311	65026	19908	856//	05210	88633		
Valentia	953	10806	80011	21007	15600	06217	81640		

OBSERVATIONS at 06h. — 14 October 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	70313	80016	19705	756//	03217	84630	87650	
Hurn	862	70211	80016	19006	757//	03221	87656		
Thorney Island	871	80317	78026	18407	856//	04220	84630	88656	
Manston	797	80417	80216	17609	6857/	05117	83820	86635	88459
Gatwick	776	80309	80616	19206	857//	03222	88650		
Kew	775	80206	74026	19507	8087/	03218	86357	88459	
Heathrow	772	70109	81216	20006	755//	03217	82625	87656	
Honington	586	70112	82016	20606	1553/	02219	81620	87360	
Wattisham	590	70313	80016	20006	3852/	02216	81820	83656	87462
Gorleston	497	60227	62031	18609	6097/	02208	86359		
Aberporth	502	20612	83031	23406	11530	02225	81820		
Ross-on-Wye	627	10204	57021	22303	15600	03212	81630		
Filton	628	60310	66037	21904	65200	03217	83705	84640	
Rhoose	715	50514	80026	21004	55400	02321	81710	85650	
Chivenor	707	40713	74031	21106	45500	02334	84620		
Mount Batten	827	60715	80016	18906	65600	03331	84638	86656	
St. Mawgan	817	10510	80026	20304	15600	02141	81630		
Scilly	804	70314	81018	20108	754//	05239	87613		
Culdrose	809	60510	69012	19305	654//	03234	83710	85620	
Guernsey	894	70322	70606	13110	753//	08235	82708	87610	
Elmdon	534	10209	57016	22603	15700	02314	81656		
Cardington	559	80110	61216	21506	856//	04219	83630	84635	87645
Wittering	462	13608	83016	21705	18500	02212	81820		
Watnall	354	13510	58036	23503	15600	01216	81630		
Shawbury	414	03608	66011	24202	00900	51318			
Finningley	360	13507	57038	24002	15700	00215	81656		
Kilnsea	396	60526	66018	21608	685//	03211	84820	86625	
Leeming	257	10905	74150	25401	18600	52314	81830		
Tynemouth	262	33217	74020	25104	25630	51211	82630		
Carlisle	222	10000	66030	26353	15600	54312	81639		
Valley	302	10607	80030	25003	15500	02320	81625		
Ringway	334	10206	70031	24304	16400	00216	81712		
Squires Gate	318	10308	83030	25402	15600	51316	81635		
Ronaldsway	204	13606	84021	25703	15600	51307	81630		
Mull of Galloway	131	00508	85020	25505	00900	01216			
Eskdalemuir	162	00102	82020	27654	00900	56313			
Prestwick	135	11102	75020	26653	15740	55213	81650		
Abbotsinch	140	00000	25110	26854	00900	55315			
Leuchars	171	12507	74030	26751	11500	53312	81820		
Dyce	091	22909	82030	26452	25600	53212	82630		
Lerwick	005	33305	80158	24150	39400	52208	81912	83630	
Wick	075	52905	82038	26051	58500	52209	82822	84640	
Sule Skerry	010	50502	84038	25605	53500	03211	83920	85625	
Cape Wrath	049	40000	83020	25203	22570	51204	82820	83360	
Stornoway	026	50000	82011	25502	5093/	00104	85358		
Benbecula	022	51510	89031	23907	15730	04601	81650	85360	
Tiree	100	61714	89031	24308	48502	05308	82825		
Aldergrove	917	11107	75020	26104	15500	02217	81625		
Malin	980	11314	85030	24704	11500	01109	81820		
Belmullet	976	21406	72031	24005	25630	03315	82635		
Birr	965	00000	03444	25651	00900	52117			
Dublin	969	50000	84031	25307	585//	02220	81822	85630	
Shannon	962	10705	56100	24603	15600	02212	81640		
Roches Point	952	60406	70031	24206	656//	04219	86640		
Valentia	953	00000	80020	23304	00900	03209			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
Boscombe Down	746	07031	03	r_or_orR	+
Hurn	862	05041	04	$r_or_rr_or_o$	r_o
Thorney Island	871	03051	05	r_or_or	r_or_r
Manston	797	08081	06	$r_rr_or_or$	$r_rr_or_op_r$
Gatwick	776	02051	04	r_o-$d_or_od_or_or$	r_or_o
Kew	775	03051	04	r_rr_or	r_rr_o
Heathrow	772	03051	04	$r_or_rr_or_o$	$r_rr_or_o$
Honington	586	92051	03	$r_or_oi_r$	i_r
Wattisham	590	95051	03	i_r	i_r
Gorleston	497	92081	06	i_r	+
Aberporth	502	97041	02	i_r	+
Ross-on-Wye	627	05011	50	rsrsr	+
Filton	628	09011	01	RSrsrsr	+
Rhoose	715	05021	01	$r_rr_sr_or_o$	+
Chivenor	707	02051	04	Ri_r	+
Mount Batten	827	03051	04	$r_rr_or_o$	+
St. Mawgan	817	92031	01	i_r	+
Scilly	804	92071	06	pr	+
Culdrose	809	03050	03	ir	+
Guernsey	894	01101	09	$i_r$oir	i_r
Elmdon	534	03031	51	r_rr_o	+
Cardington	559	02041	03	$r_rr_or_o$	r_op_r
Wittering	462	04021	02	$r_rr_or_o$	+
Watnall	354	92021	51	$r_or_od_or_o$	+
Shawbury	414	01011	52	r_or_o	+
Finningley	360	00010	51	+	+
Kilnsea	396	01061		i_r	prpr$_o$
Leeming	257	00500	54	+	[illegible]
Tynemouth	262	00030	00	+	+
Carlisle	222	00543	57	+	+
Valley	302	00011	53	+	+
Ringway	334	00021	50	+	+
Squires Gate	318	00011	52	+	+
Ronaldsway	204	00011	52	+	+
Mull of Galloway	131	00040			
Eskdalemuir	162	00551	59	+	+
Prestwick	135	00543	57	+	+
Abbotsinch	140	00543	60	+	+
Leuchars	171	00533	59		
Dyce	091	00543	59	+	+
Lerwick	005	91515	53	p_so	+
Wick	075	96523	54	$p_rop_rs_o$	+
Sule Skerry	010	93031	53		
Cape Wrath	049	00031	51	+	+
Stornoway	026	00510	55	+	+
Benbecula	022	00041	01	+	+
Tiree	100	00031	55	+	+
Aldergrove	917	00021	52	+	+
Malin	980	00011	51		
Belmullet	976	97021	52		
Birr	965	97521	55		
Dublin	969	97051	51		
Shannon	962	97021	50		
Roches Point	952	97051	03		
Valentia	953	97031	50		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70321	14004	81027	95616	92607	873//	21758	88707	/////	00007	10724	31014	00/00
B	99565	70511	14004	62620	98252	91505	64500	00215	86620	/////	0//02	10631	30706	/////
C	99529	70353	14003	62015	98021	03411	11406	00817	81818	/////	0////	11084	30402	99/05
D	99439	70408	14004	33016	97016	19417	25501	51219	82625	/////	0//16	11859	30502	25804
E	99348	70476	14003	12702	98021	25821	11500	00203	81820	/////	0//18	12288	30000	29805
I	99590	70191	14004	81521	97258	18808	6847/	31715	82818	85818	05702	11192	30404	99/04
J	99525	70203	14004	71821	97026	17313	785//	00823	83820	87625	0//12	11445	30303	99/04
K	99452	70158	14004	10609	97021	21517	12500	00103	81826	/////	0//12	11805	30000	35402
M														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70317	14064	82018	97026	88207	854//	51716	84615	88620	0//06	10685	30603	11006
B	99565	70510	14064	12617	98011	93704	15500	00211	81625	/////	0//02	10633	30705	/////
C	99528	70355	14063	82829	98028	99209	58401	00302	84818	/////	0//05	11084	30606	/////
D	99435	70417	14064	53016	98031	22016	00908	55209	852//	/////	0//11	11892	30603	26803
E	99350	70480	14063	12805	98020	25021	11501	00803	81820	/////	0//19	12329	30000	29805
I	99591	70191	14064	81632	97026	11610	855//	41738	88622	/////	05306	11008	30707	99/05
J	99525	70203	14064	82025	97205	14114	854//	00617	84710	88625	0//12	11426	30505	99/05
K	99451	70158	14064	20909	97020	22217	28500	00301	81826	/////	0//13	11805	30000	35402
M														

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40139

Date of Issue Friday 15 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 14 October 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	30415	85031	24409	38600	01114	83830		
Hurn	862	20307	83031	24210	21500	03218	82825		
Thorney Island	871	20317	83021	23411	21540	03216	82820		
Manston	797	30221	87251	22011	38500	05124	83825		
Gatwick	776	30313	82036	23511	32600	02118	83830		
Kew	775	20113	81031	23810	21500	01214	82820		
Heathrow	772	10215	82021	24310	12600	03116	81830		
Honington	586	30416	85028	23811	38500	50116	82825		
Wattisham	590	40215	83251	23809	48502	02119	83825		
Gorleston	497	63621	62022	23110	634//	02224	82915	84820	
Aberporth	502	10710	87020	26409	11500	02006	81825		
Ross-on-Wye	627	20312	70030	26409	21600	03210	82830		
Filton	628	10313	74021	26310	11500	03115	81823		
Rhoose	715	20617	70020	25709	22400	03112	81812		
Chivenor	707	31208	82011	25811	38500	03217	81822	83630	
Mount Batten	827	30717	86021	24210	38500	03219	81820	83630	
St. Mawgan	817	30712	86021	24511	38430	03009	81818	83635	
Scilly	804	70611	83032	24110	784//	05209	81818	87630	
Culdrose	809	41015	82021	24310	48500	04220	84820	83635	
Guernsey	894	70518	82216	22011	754//	06232	82618	87622	
Elmdon	534	10313	63020	26409	11500	01110	81828		
Cardington	559	23613	74018	25309	28600	04112	81830		
Wittering	462	20215	82020	25609	22500	02112	82822		
Watnall	354	20211	74030	26709	22501	03208	82825		
Shawbury	414	10106	66040	27509	11500	03209	81825		
Finningley	360	23613	74030	26709	22500	03305	82825		
Kilnsea	396	30218	66018	25709	32500	04214	83820		
Leeming	257	10209	83020	27909	18600	00211	81830		
Tynemouth	262	23417	81022	28008	22600	01211	82830		
Carlisle	222	10000	80020	28409	11500	01002	81825		
Valley	302	10712	83020	27711	11500	01109	81827		
Ringway	334	20407	80030	27609	21500	01209	82822		
Squires Gate	318	10105	80020	28309	11500	02210	81825		
Ronaldsway	204	11205	89020	28211	11600	01108	81835		
Mull of Galloway	131	21409	85020	27609	21500	01112	82825		
Eskdalemuir	162	10000	80020	28307	11500	53004	81825		
Prestwick	135	11302	75050	27809	11500	51001	81828		
Abbotsinch	140	00000	22040	27908	00900	00001			
Leuchars	171	12505	81020	28208	11502	51203	81825		
Dyce	091	10103	84020	27808	12501	51107	81825		
Lerwick	005	42905	82011	26203	49400	00108	82912		
Wick	075	21403	89021	26807	18532	51000	81825		
Sule Skerry	010	51609	84022	26008	51504	03400	85825		
Cape Wrath	049	50000	85031	25107	12541	54707	81820	83360	85070
Stornoway	026	71617	82032	24609	785//	03707	82826	87630	
Benbecula	022	62019	82031	23311	28532	07603	81822	84360	
Tiree	100	71918	82031	24910	5853/	03400	84820	85359	
Aldergrove	917	21509	82030	27110	11402	01001	81816		
Malin	980	11717	85030	25610	18500	02400	81822		
Belmullet	976	61717	82031	23911	11536	04707	81822	85270	
Birr	965	41402	81034	26410	32502	03801	83822		
Dublin	969	41510	89031	27211	41540	03005	84825		
Shannon	962	41409	75101	25511	11501	06803	81820	84075	
Roches Point	952	41214	81031	26211	48400	05104	84818		
Valentia	953	71508	84031	24713	11501	07000	81823	87070	

OBSERVATIONS at 18h. — 14 October 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	10207	80020	27907	15600	02224	81630		
Hurn	862	20106	80010	27706	28600	02328	81835		
Thorney Island	871	10306	81020	27007	11601	02323	81835		
Manston	797	30215	87251	26409	38500	04325	83825		
Gatwick	776	10306	75020	27207	14600	01225	81640		
Kew	775	10308	81021	27308	14600	01323	81635		
Heathrow	772	10209	81011	27509	14600	03322	81630		
Honington	586	13608	83028	27805	18500	02221	81823		
Wattisham	590	10210	83011	28005	18500	02327	81825		
Gorleston	497	50120	63158	26610	53400	02220	85915		
Aberporth	502	11207	82010	28307	00901	02317	81075		
Ross-on-Wye	627	10000	60020	28406	15600	03117	81630		
Filton	628	10306	74020	28806	12500	01324	81825		
Rhoose	715	30407	57050	28505	21431	01323	82812		
Chivenor	707	20706	80020	28008	11531	02221	81825		
Mount Batten	827	20804	86010	27709	14501	03327	81622		
St. Mawgan	817	40805	78020	27508	28501	04322	81825		
Scilly	804	70908	83022	26511	784//	06212	82818	87625	
Culdrose	809	41109	82021	27108	32501	04220	83820	83070	
Guernsey	894	50611	82022	25510	52500	04320	85828		
Elmdon	534	10303	61010	28906	18601	01319	81830		
Cardington	559	20106	80018	28306	25600	03220	82630		
Wittering	462	00206	82011	28407	00900	02317			
Watnall	354	10102	61050	29005	11501	02215	81825		
Shawbury	414	20000	62040	29105	25600	02319	82640		
Finningley	360	10202	80010	29206	15600	02217	81640		
Kilnsea	396	30514	66028	28209	22570	03218	82820		
Leeming	257	20000	82020	29606	11601	01315	81830		
Tynemouth	262	10203	81020	29307	11600	01312	81830		
Carlisle	222	20000	80010	28505	00901	01306	82075		
Valley	302	30707	69030	28307	00902	02109	83075		
Ringway	334	10803	60020	29207	00902	02217	81075		
Squires Gate	318	10703	28040	29004	15601	02312	81635		
Ronaldsway	204	71207	86031	28407	10936	00104	81362	87275	
Mull of Galloway	131	11814	86030	27209	14600	00802	81640		
Eskdalemuir	162	20000	80010	29301	00901	52308	82072		
Prestwick	135	51602	62011	27503	00901	51801	85077		
Abbotsinch	140	51202	58041	27006	00906	53000	85078		
Leuchars	171	22202	62040	28203	15702	50304	81650		
Dyce	091	11909	70020	27702	10932	52302	81360		
Lerwick	005	72002	82031	26102	1845/	51704	81813	87365	
Wick	075	31608	82031	25807	25601	51706	82645		
Sule Skerry	010	71613	81022	24309	5857/	07707	81820	85625	87360
Cape Wrath	049	51402	85031	22707	35540	51721	83620	85360	
Stornoway	026	41924	82018	22010	28530	04709	82820	83360	
Benbecula	022	71917	80028	21409	3857/	06708	81825	83645	87362
Tiree	100	81825	84031	22810	35537	06615	83627	83368	88275
Aldergrove	917	71508	75011	26207	15622	02706	81630	87070	
Malin	980	61517	85010	23508	11506	02713	81825	86275	
Belmullet	976	81822	81032	20511	35577	07724	81720	88269	
Birr	965	71510	81011	24408	25602	03819	82636	87070	
Dublin	969	71607	86031	26408	10956	02811	81362	87270	
Shannon	962	71412	82022	23510	15676	05614	81640	84460	86275
Roches Point	952	61515	80011	25011	48401	05511	84816	84070	
Valentia	953	61517	83031	21911	38506	06722	82825	86270	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00111	086	+	+
Hurn	862	00120	077	+	+
Thorney Island	871	00131	070	+	+
Manston	797	02121		$pr_opr_opr_opR$	pr_o
Gatwick	776	00111	082	+	+
Kew	775	00111	086	+	+
Heathrow	772	00111	086	+	+
Honington	586	97121		pr_o	+
Wattisham	590	97101	085	pr_o	+
Gorleston	497	02120	066	phr	+
Aberporth	502	00111	096	+	+
Ross-on-Wye	627	00101	092	+	+
Filton	628	00110	089	+	+
Rhoose	715	00111	086	+	+
Chivenor	707	00121	085	+	+
Mount Batten	827	00120	097	+	+
St. Mawgan	817	00121	091	+	+
Scilly	804	00120	018	+	+
Culdrose	809	00120	063	+	+
Guernsey	894	97120	006	$irir_o$	+
Elmdon	534	00101	095	+	+
Cardington	559	93101	074	pr_o	+
Wittering	462	00101	096	+	+
Watnall	354	00101	085	+	+
Shawbury	414	00101	090	+	+
Finningley	360	00110	085	+	+
Kilnsea	396	97100	084	pr_o	pr_o
Leeming	257	00100	095	+	+
Tynemouth	262	00080	092	+	+
Carlisle	222	00121	091	+	+
Valley	302	00120	093	+	+
Ringway	334	00101	093	+	+
Squires Gate	318	00121	097	+	+
Ronaldsway	204	00110	092	+	+
Mull of Galloway	131	00100			
Eskdalemuir	162	00101	093	+	+
Prestwick	135	00111	095	+	+
Abbotsinch	140	00111	091	+	+
Leuchars	171	00093	094	+	+
Dyce	091	00090	094	+	+
Lerwick	005	00061	051	jp	+
Wick	075	00081	088	+	+
Sule Skerry	010	00090			
Cape Wrath	049	00081	061	+	+
Stornoway	026	97100	025	pr_o	pr_o
Benbecula	022	93111	031	pr_o	+
Tiree	100	00121	059	+	+
Aldergrove	917	00110	085	+	+
Malin	980	9711	075		
Belmullet	976	0011	043		
Birr	965	9712	070		
Dublin	969	0011	071		
Shannon	962	9712	079		
Roches Point	952	0012	056		
Valentia	953	9714	080		

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

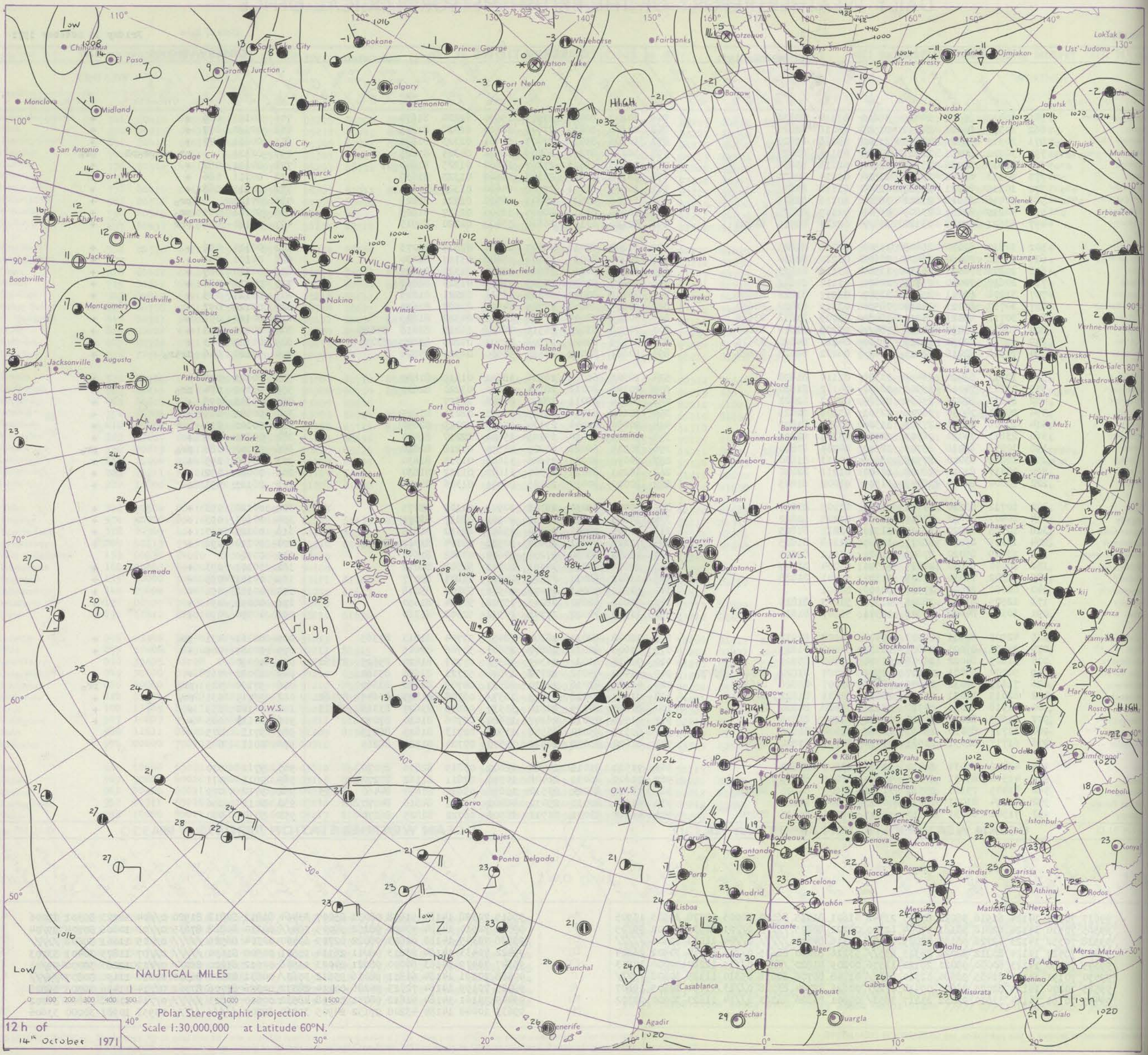
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70327	14124	61916	98022	87207	23442	41601	81915	86070	00005	10778	30503	13905
B	99565	70510	14124	62818	98161	97004	62500	00222	86825	/////	0//01	10635	30402	99/05
C	99528	70352	14123	42726	98158	02009	43400	00116	84917	/////	0//04	11063	30606	/////
D	99426	70427	14124	83212	98022	25315	855//	53216	82820	88635	0//11	11914	30502	26804
E	99349	70480	14123	60000	98021	26122	11576	00209	81820	/////	0//19	12284	30000	30803
I	99590	70191	14124	81435	96586	02510	853//	41748	86706	88618	05310	11185	30808	/////
J	99525	70200	14124	82025	96606	09414	6722/	00626	82704	83708	0//13	11454	30505	19807
K	99449	70161	14124	71510	98032	23217	3853/	00801	83826	86363	0//14	11823	30000	02302
M														

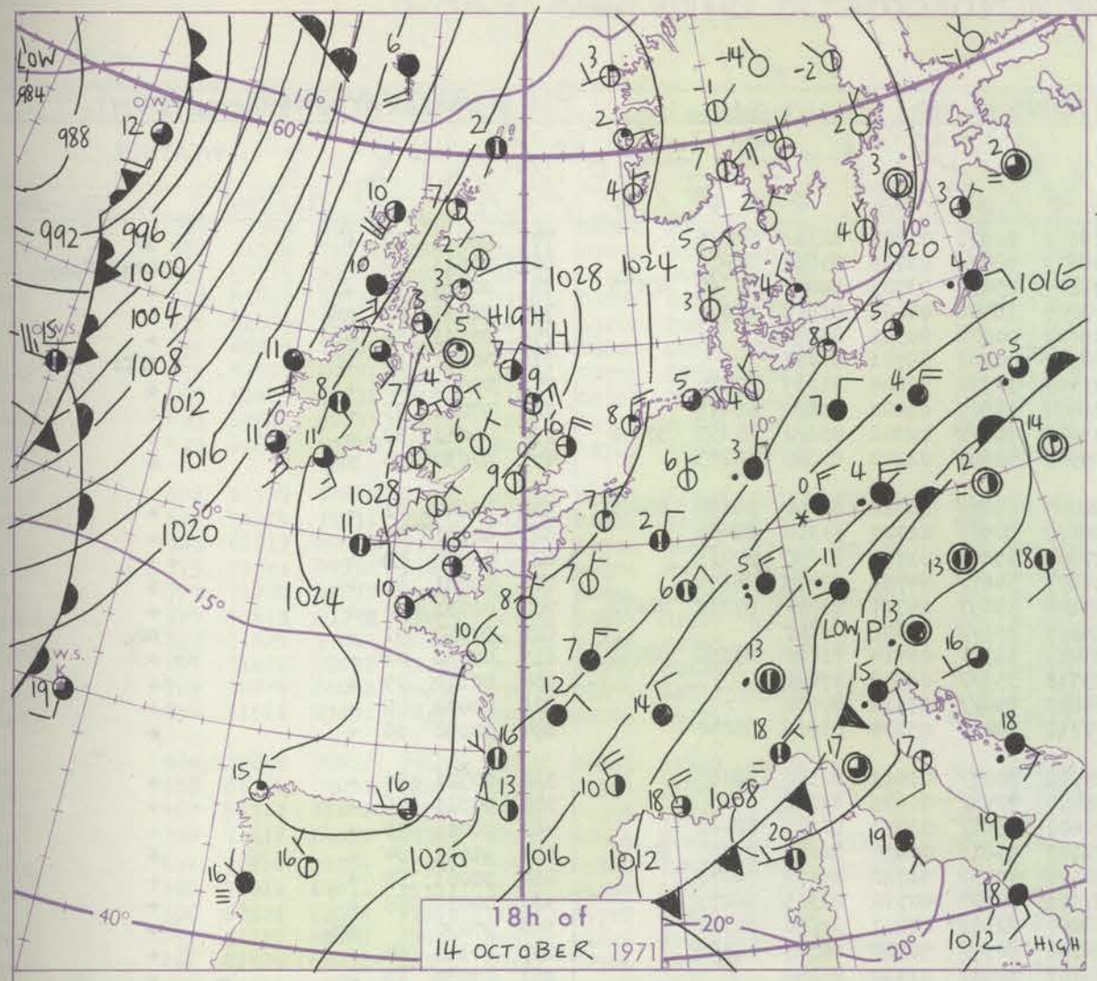
OCEAN WEATHER STATION REPORTS at 18h.

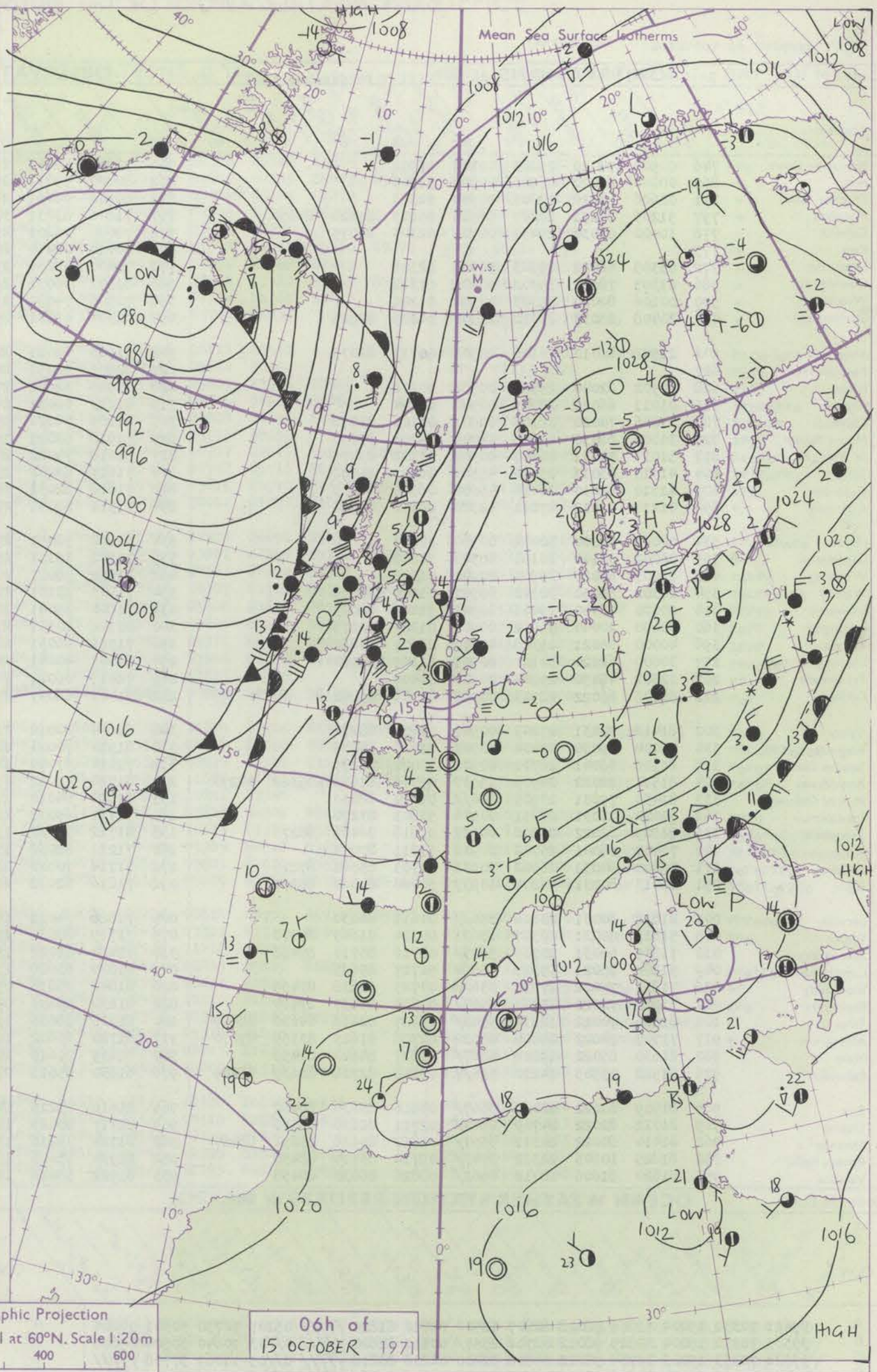
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	14184	51608	98031	85007	33464	81812	82818	81920	0//04	10723	30301	17006
B	99565	70510	14184	73222	98152	99005	784//	00310	86818	87635	0//03	10666	30504	99/04
C	99528	70349	14183	62623	98022	02709	63400	00304	86925	/////	0//05	11061	30606	/////
D	99422	70433	14184	23613	98011	26114	15501	00500	81630	/////	0//07	11875	30401	33703
E	99347	70479	14183	60000	98021	24023	11506	00612	81220	860//	0//19	12283	30000	99/03
I	99588	70191	14184	61811	98016	95612	3563/	00831	83640	86360	00010	11190	30807	/////
J	99525	70199	14184	72725	96286	00214	28372	00326	81706	87362	0//14	11456	30505	16808
K	99449	70161	14184	61812	98031	22318	48532	00500	84823	/////	0//14	11848	30000	36002
M	99633	10048	14184	43208	97152	24905	39560	82209	/////	/////	05953	10981	30000	33606

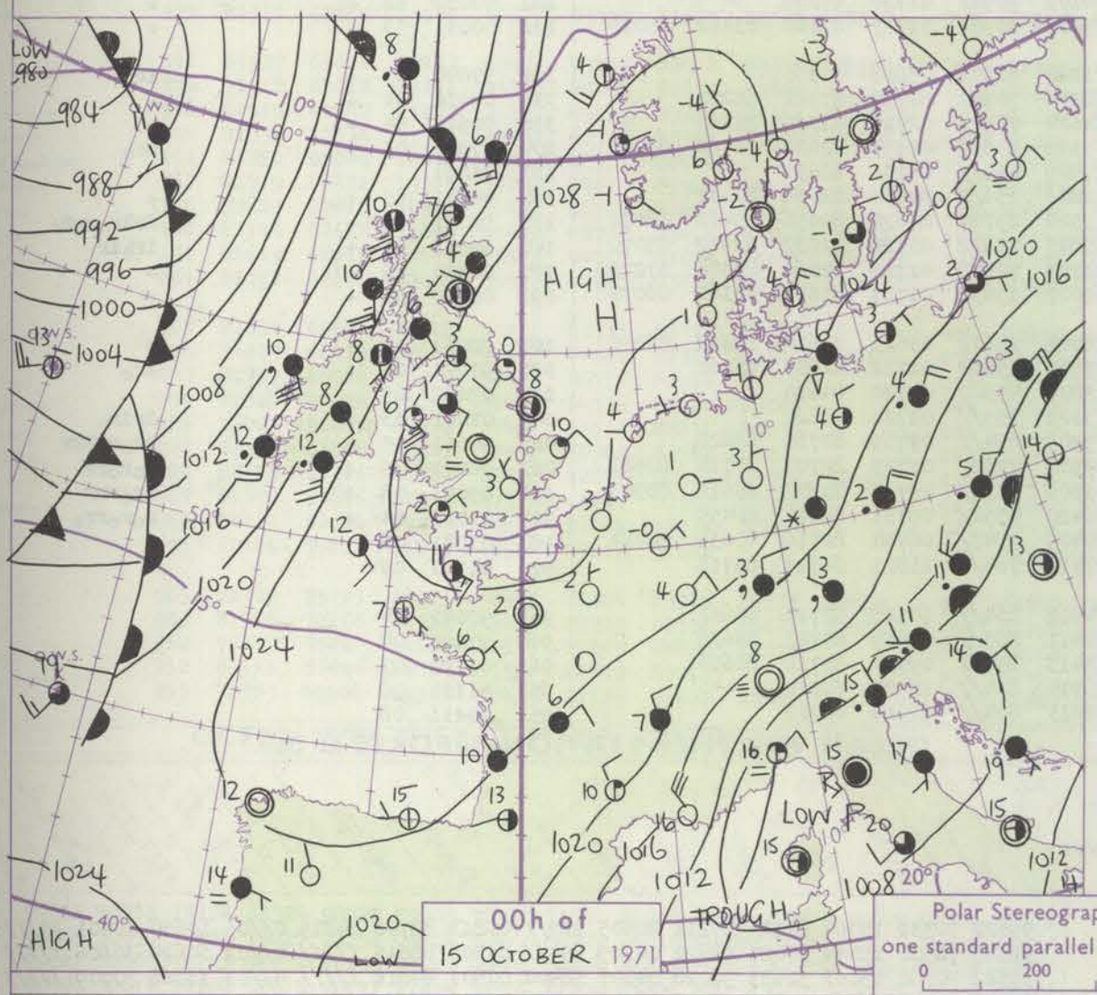
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT (Mid-October)
HIGH
Low
Chihuahua
El Paso
Monclova
Midland
San Antonio
Fort Worth
Dodge City
Grand Junction
Salt Lake City
Spokane
Prince George
Whitehorse
Fairbanks
Watson Lake
Fort Nelson
Calgary
Edmonton
Rapid City
Regina
Bismarck
Minot
Winnipeg
Omaha
Kansas City
Lake Charles
Little Rock
Minneapolis
Jackson
St. Louis
Boothville
Chicago
Nashville
Montgomery
Columbus
Detroit
Tampa
Jacksonville
Augusta
Charleston
Pittsburgh
Toronto
Ottawa
Montreal
Washington
Norfolk
New York
Bermuda
Yarmouth
Caribou
Sable Island
Cape Race
Churchill
Baker Lake
Chesterfield
Nakina
Winisk
Nottingham Island
Port Harrison
Fort Chimo
Resolution
Ivujivik
Cape Dyer
Frobisher
Hall Beach
Pond Inlet
Arctic Bay
Resolute Bay
Cambridge Bay
Coppermine
Sachs Harbour
Mould Bay
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Barrow
Point Hope
Kotzebue
Nome
Bethel
Aleknagik
Cold Bay
Kodiak
Anchorage
Yakutat
Juneau
Prince Rupert
Vancouver
Seattle
Portland
Medford
Reno
Las Vegas
Los Angeles
San Diego
Phoenix
Albuquerque
Denver
Cheyenne
Billings
Great Falls
Boise
Salt Lake City
Grand Junction
Rapid City
Dodge City
Fort Worth
Lake Charles
Jackson
Boothville
Montgomery
Tampa
Jacksonville
Augusta
Charleston
Norfolk
New York
Bermuda
Yarmouth
Caribou
Sable Island
Cape Race
Stephenville
Gander
Anticosti
Goose
Thule
Alert
Eureka
Nord
Upernavik
Godthaab
Frederikshab
Angmagssalik
Prins Christian Sund
Apuiteq
Kap Tobin
Jan Mayen
Bjornoya
Barentsburg
Longyearbyen
Hammerfest
Tromsø
Murmansk
Arkhangel'sk
Ob"jačevo
Vorkuta
Naryan-Mar
Amderma
Dikson Ostrov
Ostrov Dikson
Ostrov Čeljuskin
Ostrov Kotel'nyj
Ostrov Zelova
Tiksi
Olenek
Jakutsk
Verhojansk
Oimjakon
Tyrnjauz
Nižnie Kresty
Lokšak
Ust'-Judoma
Čokurdah
Kazač'e
Ojžandžan
Miljujsk
Muhtuja
Erbogačen
Vanavara
Tura
Verhne-Imbatskoe
Turuhansk
Jenisejsk
Igarka
Dudinka
Norilsk
Hatanga
Ostrov Belyj
Ostrov Dikson
Kusskaja Guba
Tazovskoe
Turko-Sale
Aleksandrovsk
Muže-Sale
Salye Kamakuly
Muži
Hanty-Mansijsk
Ust'-Cil'ma
Ukhta
Pečora
Vorkuta
Naryan-Mar
Amderma
Varandej
Bugul'ma
Kirov
Kazan'
Penza
Kujbyšev
Saratov
Volgograd
Astrakhan'
Orenburg
Ufa
Perm'
Sverdlovsk
Tjumen'
Omsk
Barnaul
Novosibirsk
Irkutsk
Bratsk
Ust'-Kut
Kirensk
Vitim
Olekminsk
Aldan
Ust'-Nera
Verhnojansk
Tiksi
Olenek
Jakutsk
Oimjakon
Ust'-Judoma
Lokšak







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 15** October 1971

The low over west Germany has made further progress southwards as the high over Scotland intensified and moved to the southern North Sea. A trough associated with a deep Atlantic depression to the southwest of Iceland has moved steadily eastwards to affect western districts of the British Isles. During the next 24 hours an unstable westerly airstream is expected to extend across the British Isles as the trough moves steadily eastwards.

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

Code FM 11.D

OBSERVATIONS at 00h. — 15 October 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	00903	74020	29203	00900	01306			
Hurn	862	00000	62020	28900	00900	51303			
Thorney Island	871	03606	66020	28805	00900	02303			
Manston	797	51205	84251	28207	58500	05105	81820	84650	
Gatwick	776	10000	62030	29451	00901	52304	81075		
Kew	775								
Heathrow	772	03305	56020	29503	00900	02308			
Honington	586	03303	78020	29302	00900	01302			
Wattisham	590	00106	80020	29303	00900	01202			
Gorleston	497	20408	63038	28710	21500	04209	82825		
Aberporth	502	21523	66010	26106	00901	00713	82075		
Ross-on-Wye	627								
Filton	628	00902	62040	29502	00900	00108			
Rhoose	715	01011	66010	28706	00900	02104			
Chivenor	707	31006	74020	28104	00901	01104	83078		
Mount Batten	827	31005	86030	27606	35700	04203	83650		
St. Mawgan	817	51014	74031	26807	00902	03702	85075		
Scilly	804	41315	83011	25412	45500	06707	84628		
Culdrose	809	41510	82030	26410	45600	06000	84635		
Guernsey	894	41214	81012	27211	42500	06306	84824		
Elmdon	534	00000	50100	30051	00900	52007			
Cardington	559	03002	37100	30151	00900	51308			
Wittering	462	03007	64020	29903	00900	01308			
Watnall	354	20302	58050	30102	00901	01006	82075		
Shawbury	414	20000	48040	29401	00901	51006	82075		
Finningley	360	30000	20040	29802	00904	01307	83075		
Kilnsea	396	40000	66021	29308	42570	03307	84820		
Leeming	257	30000	62020	30100	00901	51305	83080		
Tynemouth	262	02302	48050	29104	00900	01400			
Carlisle	222	51208	66022	28503	00902	00001	85072		
Valley	302	81418	74031	27207	00907	00803	88270		
Ringway	334	41404	59030	29404	00902	01006	84075		
Squires Gate	318	61108	56041	28701	00906	50002	86275		
Ronaldsway	204	81517	82022	26909	15637	05705	81635	85362	88270
Mull of Galloway	131	81430	79031	23909	856//	01724	88630		
Eskdalemuir	162	70000	78031	28851	00906	53803	87270		
Prestwick	135	81509	80022	25206	60917	01818	86468	88273	
Abbotsinch	140	70407	58041	25702	00902	51711	87075		
Leuchars	171	70000	64031	26902	50932	00705	85362	87075	
Dyce	091	82013	80031	26204	10937	50708	81360	88270	
Lerwick	005	81818	80031	23606	856//	01611	88630		
Wick	075	51815	80031	22507	15631	00714	81645	85070	
Sule Skerry	010	71819	66031	20709	5647/	08716	85710	87458	
Cape Wrath	049	51804	85021	19307	55500	52717	85625		
Stornoway	026	71833	75022	17810	3562/	04725	83638	87459	
Benbecula	022	71825	72022	15910	4567/	07834	84637	87460	
Tiree	100	81836	70012	18810	5542/	06827	82618	84630	88459
Aldergrove	917	71707	74022	24408	15532	02708	81625	83359	87070
Malin	980	81630	85022	19808	4567/	02827	84640	88458	
Belmullet	976	81528	75505	14210	554/7	07848	82718	83639	88269
Birr	965	81509	80022	22408	5567/	04816	85636	88462	
Dublin	969	81712	82022	24709	2567/	02711	82630	88466	
Shannon	962	81414	80022	20311	5557/	06817	83628	85650	88460
Roches Point	952	81325	10606	22312	3747/	09716	83714	88458	
Valentia	953	81820	81606	18012	6562/	08826	86630	88458	

OBSERVATIONS at 06h. — 15 October 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	70906	59051	28602	20931	01609	82362	86075	
Hurn	862	80000	75031	28403	854//	02709	83818	88630	
Thorney Island	871	50606	66031	28804	25631	03705	82640	83360	85075
Manston	797	71806	83031	30005	18406	04006	81818	87275	
Gatwick	776	70000	36101	29601	00906	00501	87272		
Kew	775	70000	08414	28902	00902	02701	87072		
Heathrow	772	70000	45051	29103	10978	02804	81365	87270	
Honington	586	81302	66031	29402	18507	01000	81825	88275	
Wattisham	590	70506	74031	29605	785/2	02801	83822	83630	85656
Gorleston	497	82304	61031	29905	32507	02202	83820	88275	
Aberporth	502	81525	62021	22007	6567/	03728	81640	86656	88461
Ross-on-Wye	627	82901	48051	26602	8097/	01720	83360	88465	
Filton	628	70903	62041	27604	35602	01715	83630	87075	
Rhoose	715	81213	66031	26307	5567/	04718	85645	88359	
Chivenor	707	81109	74021	25106	15657	04717	81640	87362	88272
Mount Batten	827	71918	83021	26111	756//	08608	87647		
St. Mawgan	817	81618	74022	24411	3557/	06714	83620	85360	88462
Scilly	804	71617	83032	23713	755//	08508	87628		
Culdrose	809	71816	82032	24811	756//	05512	87630		
Guernsey	894	71511	81031	27710	6843/	05304	83816	85640	
Elmdon	534	81606	58051	27902	8097/	01613	82360	88463	
Cardington	559	71302	19101	29400	7095/	00605	87362		
Wittering	462	81502	58021	28601	3561/	01611	83640	88462	
Watnall	354	71303	23101	28103	25816	02610	82657	83465	87270
Shawbury	414	71806	59041	26105	40938	01722	84362	86275	
Finningley	360	81702	20101	27901	20937	00710	82365	88275	
Kilnsea	396	71911	66031	28207	2257/	04811	82820	87360	
Leeming	257	81805	40041	26701	8097/	50720	85365	88468	
Tynemouth	262	72015	66021	26105	7091/	01730	87359		
Carlisle	222	51407	66031	23805	30972	01727	81360	83462	85075
Valley	302	61634	80012	21210	6097/	05838	86360		
Ringway	334	81510	70021	26206	70937	02719	87362	88270	
Squires Gate	318	71414	57042	24604	7097/	02725	81360	87363	
Ronaldsway	204	81724	75022	21109	25537	07733	82628	86360	88270
Mull of Galloway	131	61830	84012	17509	656//	04736	86635		
Eskdalemuir	162	71711	69031	23203	756//	50630	82638	87642	
Prestwick	135	81712	75022	19508	25727	01630	82656	85462	88270
Abbotsinch	140	71212	62032	19807	25632	03728	82632	83362	85070
Leuchars	171	71714	70022	21705	70978	01726	82360	87364	87272
Dyce	091	71816	82032	21007	15632	01731	81630	83360	86070
Lerwick	005	71826	74031	18708	15672	03623	81630	83463	86070
Wick	075	71719	80031	17507	25632	01732	82635	86360	
Sule Skerry	010	41424	81021	15809	45500	09720	84620		
Cape Wrath	049	81805	83606	13105	855//	01720	88620		
Stornoway	026	81840	65636	09909	854//	07735	83710	88626	
Benbecula	022	81836	58636	07908	7732/	07727	82708	87714	88523
Tiree	100	81738	58636	11509	6532/	09730	83708	85618	88545
Aldergrove	917	81720	66602	16410	4552/	05731	84620	88459	
Malin	980	81639	70616	10409	5547/	06744	82716	85635	88458
Belmullet	976	81830	65615	07712	764/7	11823	84711	85716	
Birr	965	81616	75216	14912	864//	10728	87714	86636	
Dublin	969	81717	80026	17411	865//	07639	85722	88636	
Shannon	962	81724	75216	13413	854//	09730	83718	88650	
Roches Point	952	81930	65606	16914	874//	12722	88714		
Valentia	953	81922	58616	12613	864//	12626	88712		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00011	52	+	jp
Hurn	862	01511	53	+	$pr_0pr_0d_0d_0$
Thorney Island	871	00020	53	+	+
Manston	797	92051	01	pr_0	+
Gatwick	776	00521	54	+	+
Kew	775	00511	55	if	ifff
Heathrow	772	00021	53	+	+
Honington	586	97001	53	+	+
Wattisham	590	00011	52	+	+
Gorleston	497	97030	50	pr_0	+
Aberporth	502	00041	01	+	+
Ross-on-Wye	627	00001	53	+	+
Filton	628	00000	53	+	+
Rhoose	715	00031	52	+	+
Chivenor	707	00031	00	+	+
Mount Batten	827	97050	51	+	pr_0
St. Mawgan	817	00051	02	+	+
Scilly	804	00110	09	+	+
Culdrose	809	00070	05	+	+
Guernsey	894	00090	06	+	+
Elmdon	534	00521	56	+	+
Cardington	559	00511	56	+	+
Wittering	462	00011	53	+	+
Watnall	354	91011	54	+	+
Shawbury	414	00001	55	+	+
Finningley	360	00010	53	+	+
Kilnsea	396	97030		pr_0	+
Leeming	257	00510	54	+	+
Tynemouth	262	00030	52	+	+
Carlisle	222	00011	53	+	+
Valley	302	97040	01	+	ir_0
Ringway	334	00030	51	+	+
Squires Gate	318	00511	54	+	+
Ronaldsway	204	97090	03	+	ir_0
Mull of Galloway	131	91091			
Eskdalemuir	162	00531	55	+	+
Prestwick	135	92021	53	+	$irir_0r_0r_0$
Abbotsinch	140	96021	51	+	ir_0ir
Leuchars	171	00510	55	+	+
Dyce	091	00010	53	+	+
Lerwick	005	00031	01	+	+
Wick	075	97071	03	+	ir_0
Sule Skerry	010	07072	05		
Cape Wrath	049	02041	03	+	$irir_0$
Stornoway	026	04061	05	+	ir_0rrRrr
Benbecula	022	08071	06	+	r_0r_0rr
Tiree	100	09091	08	+	ir_0rrR
Aldergrove	917	01061	04	+	$r_0r_0rr_0$
Malin	980	01081	06		
Belmullet	976	01101	09		
Birr	965	97091	04		
Dublin	969	97081	04		
Shannon	962	01091	07		
Roches Point	952	91101	08		
Valentia	953	10111	08		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70330	15004	11006	98028	82807	12500	00710	81820	/////	05105	10730	30301	17004
B	99565	70510	15004	82825	98022	02706	2557/	00111	82620	/////	0//03	10640	30504	05006
C	99528	70353	15003	32734	98022	04508	32400	00208	83818	/////	0//05	11069	30708	/////
D	99423	70732	15004	23606	98020	27713	20930	00212	82360	/////	0//08	12069	30503	/////
E	99349	70477	15003	53404	98022	25022	12506	00110	81820	/////	0//20	12300	30000	99/03
I	99588	70191	15004	81712	96216	85811	873//	00648	88707	/////	05210	11192	30404	99/06
J	99525	70198	15004	12624	98028	05712	11500	00117	81820	/////	0//07	11448	30605	25909
K	99449	70161	15004	62117	97012	21218	15530	00706	81620	86360	0//16	11805	30502	36002
M	99643	10040	15004	83308	97158	24504	29500	72805	82925	/////	06050	10921	30000	33606

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99LaLaLa	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70331	15064	80113	97211	80405	883//	00813	85708	84815	0//05	10650	30401	99///
B	99565	70510	15064	83027	98022	04305	854//	00303	88615	/////	0//02	10624	30606	/////
C	99528	70360	15063	52635	98028	04007	58400	00501	84818	/////	0//03	11068	30709	/////
D	99432	70440	15064	03407	98020	26512	00900	12811	/////	/////	0//07	12069	30402	/////
E	99350	70480	15063	70704	97251	24121	72400	00705	87818	/////	0//20	12309	30000	99/02
I	99590	70188	15064	32522	98256	89809	32400	61227	83818	/////	05504	11185	30406	99/06
J	99526	70198	15064	32725	98038	07112	28501	61306	81820	/////	0//08	11458	30605	28008
K	99450	70161	15064	82214	96252	20118	4847/	00605	83816	88360	0//17	11808	30501	36002
M	99650	10032	15064	82122	97022	20706	866//	72719	88735	/////	05551	10927	30405	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40140

Date of Issue Saturday 16 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 15 October 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	71919	69018	27611	48531	04801	83825	85075	
Hurn	862	61714	75038	28812	32631	03006	83830	84362	
Thorney Island	871	51715	82012	29813	42571	04206	84827	85075	
Manston	797	41813	87031	30511	11501	03801	81825	84075	
Gatwick	776	51814	80021	29611	42602	03202	84835	83075	
Kew	775	61809	80034	29312	42601	03801	84830	83075	
Heathrow	772	51713	80031	29013	38601	04703	83830	83075	
Honington	586	61913	82031	29511	11572	00702	81825	86075	
Wattisham	590	61815	82031	29711	18542	01704	81820	86075	
Gorleston	497	61819	60018	29611	685//	05703	82820	86625	
Aberporth	502	81727	74602	20711	2547/	07813	81710	86358	88462
Ross-on-Wye	627	71714	70031	24912	31606	06815	83830	87277	
Filton	628	61817	80032	26413	58631	04709	84830	83645	85075
Rhoose	715	71823	80032	25213	18401	05808	81818	87075	
Chivenor	707	71720	82032	24613	48534	04604	81825	84645	85360
Mount Batten	827	71819	83028	26013	38534	06805	81820	87075	
St. Mawgan	817	71625	74022	24112	25638	05606	82640	85362	87275
Scilly	804	71821	66022	22214	755//	10708	87622		
Culdrose	809	72024	80022	24612	754//	08604	81712	83625	85656
Guernsey	894	51516	83031	28611	00902	03005	85075		
Elmdon	534	71815	70032	26109	784//	05809	81815	87624	
Cardington	559	61712	74031	28213	28531	04807	81825	83365	86075
Wittering	462	51717	66022	27311	11531	04806	81822	83359	
Watnall	354	71612	64032	25810	48576	06818	82821	83640	85360
Shawbury	414	72110	72031	23511	3853/	05822	82820	83635	87362
Finningley	360	71814	66011	25711	757//	05818	82650	87657	
Kilnsea	396	62021	66022	27311	1157/	05710	81820	86360	
Leeming	257	81715	48042	23409	2577/	04826	82650	85360	88465
Tynemouth	262	81925	58022	22308	8097/	02725	88358		
Carlisle	222	81715	62602	19509	6557/	03724	81620	86640	88358
Valley	302	81737	61616	19112	5542/	09708	82612	84614	88550
Ringway	334	71718	64022	23211	4553/	06722	82625	83650	87360
Squires Gate	318	81519	62602	21808	3577/	05719	83650	85358	88462
Ronaldsway	204	81834	50636	17711	854//	10717	83714	85620	88650
Mull of Galloway	131	81850	60026	12011	8092/	10731	88460		
Eskdalemuir	162	81715	48632	19705	5723/	04617	85705	88514	
Prestwick	135	81820	57616	14310	3547/	08724	82618	88459	
Abbotsinch	140	81516	50636	14009	4542/	08731	83616	83640	88458
Leuchars	171	81619	64612	16607	5557/	04735	81620	85645	88459
Dyce	091	81722	62616	17006	3557/	04828	83628	83360	88462
Lerwick	005	81834	69602	13708	5742/	03733	85710	88556	
Wick	075	81629	66216	12007	5547/	04624	81718	83640	88460
Sule Skerry	010	81737	66026	06709	864//	08751	88710		
Cape Wrath	049	81815	74026	05810	3647/	04736	83710	88360	
Stornoway	026	72025	70606	05212	784//	11511	82818	87630	
Benbecula	022	62316	61806	06311	5243/	10309	82710	84812	
Tiree	100	82125	61216	08112	2247/	12604	82810	84358	88462
Aldergrove	917	81920	50616	12312	873//	11617	83707	88709	
Malin	980	82121	80606	09912	7647/	11005	87712	88458	
Belmullet	976	12421	75016	11315	18500	09219	81820		
Birr	965	72109	75215	14113	6647/	12304	83710	85636	87459
Dublin	969	81516	70216	14912	5547/	09709	82715	85621	88459
Shannon	962	72309	65026	14215	42538	12219	84820	85270	
Roches Point	952	82513	56616	16012	873//	12303	88707		
Valentia	953	72309	60106	15015	784//	12114	83818	87640	

OBSERVATIONS at 18h. 15 October 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	71510	80032	26107	60978	02708	86362	87275	
Hurn	862	71608	70032	26311	50978	01809	82359	85463	87268
Thorney Island	871	71511	83031	27610	30916	02704	83465	87270	
Manston	797	71808	80031	29706	00908	02302	83068	86275	
Gatwick	776	61306	68012	28506	00908	03501	86275		
Kew	775	71504	58052	28108	50876	01303	81357	84459	87272
Heathrow	772	71508	80022	27809	10938	03202	81360	87275	
Honington	586	71610	80032	28408	60978	02304	81362	86465	87273
Wattisham	590	71908	74022	29007	10938	02304	81365	87272	
Gorleston	497	61812	62032	29510	65600	03207	86635		
Aberporth	502	81633	58616	18008	8072/	08612	88550		
Ross-on-Wye	627	81510	66616	24209	8052/	05602	88520		
Filton	628	81514	66602	24910	3572/	03609	83656	88559	
Rhoose	715	81615	70616	24010	6557/	04505	86625	88460	
Chivenor	707	81411	66636	23309	8097/	07503	81359	88460	
Mount Batten	827	81917	82212	24112	857//	05611	88650		
St. Mawgan	817	81718	48616	22211	6542/	10712	82615	85620	88460
Scilly	804	81717	56606	20314	6542/	10712	85710	88550	
Culdrose	809	82122	60216	22412	6542/	09615	84710	86618	88460
Guernsey	894	51513	78021	26111	00707	70012	81270	85075	
Elmdon	534	81816	65622	24509	6572/	02503	86650	88459	
Cardington	559	81608	62022	27308	8097/	03001	82359	85362	88465
Wittering	462	71712	74022	26209	7097/	02501	84359	87462	
Watnall	354	81613	58636	24508	1747/	05707	81710	85359	88460
Shawbury	414	82009	61636	22109	3562/	05606	83635	88550	
Finningley	360	81713	62636	23709	855//	07607	83625	88644	
Kilnsea	396	71928	66012	24511	50972	05715	85360	87075	
Leeming	257	81816	58636	21609	5542/	07508	81716	85622	88558
Tynemouth	262	81823	48636	18809	8052/	07615	88525		
Carlisle	222	81829	59216	16310	6547/	07509	81702	84622	86645
Valley	302	81739	40616	16610	6732/	10604	83706	86710	88550
Ringway	334	81615	56636	21408	5572/	06712	85650	88458	
Squires Gate	318	81620	57616	19209	853//	08510	81708	83618	86630
Ronaldsway	204	71918	50616	15412	782//	11603	82704	83710	87650
Mull of Galloway	131	42018	70026	14012	30986	11251	83360		
Eskdalemuir	162	81923	28616	15108	852//	07818	84705	88620	
Prestwick	135	52310	75215	13512	5844/	10313	81712	83624	
Abbotsinch	140	42110	65216	12211	48400	09309	81710	83650	
Leuchars	171	71718	70606	13010	775//	07505	84620	87638	
Dyce	091	81825	56606	12809	853//	09620	82708	84711	88616
Lerwick	005	82028	48636	09009	6722/	08614	83705	85712	88530
Wick	075	71818	75216	09710	5543/	07303	81712	85640	
Sule Skerry	010	82024	61636	07111	875//	11210	88720		
Cape Wrath	049	62315	81018	06711	685//	08215	85820	86625	
Stornoway	026	12114	80026	07210	12501	08211	81820		
Benbecula	022	32213	74038	07612	28402	10210	81818		
Tiree	100	32218	70038	09812	12502	10312	81820	83070	
Aldergrove	917	21807	75016	13810	28500	09317	81820		
Malin	980	22115	82036	11912	18502	08217	81820		
Belmullet	976	32112	80018	11312	33402	10000	81718	81920	
Birr	965	61802	75802	15513	685//	10310	84820	84636	
Dublin	969	62105	59036	15512	656//	09310	82630	85640	
Shannon	962	12508	75011	14913	18530	10309	81825		
Roches Point	952	62407	60806	16513	48401	12308	83816	85072	
Valentia	953	72007	78021	15113	785//	12103	82822	87638	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97121	025	pro	ro
Hurn	862	01130	056	ro	+
Thorney Island	871	00130	054	+	+
Manston	797	00110		+	+
Gatwick	776	00131	058	+	+
Kew	775	00121	055	+	+
Heathrow	772	00131	059	+	+
Honington	586	00121		+	+
Wattisham	590	00110	052	+	+
Gorleston	497	97120	020	pro	+
Aberporth	502	04121	000	iroorroro	rorodoro
Ross-on-Wye	627	01131	021	+	roro
Filton	628	94131	015	+	ror
Rhoose	715	02131	029	+	iroorro
Chivenor	707	02141	025	+	rororr
Mount Batten	827	95131	040	+	iro
St. Mawgan	817	02131	025	+	irororo
Scilly	804	04151	003	+	iriorr
Culdrose	809	01122	000	+	iro
Guernsey	894	00120	082	+	+
Elmdon	534	04111	010	+	irorRroro
Cardington	559	00131	060	+	+
Wittering	462	91121	028	+	rorro
Watnall	354	03111	006	+	rorrro-ro
Shawbury	414	05121	003	roR	Rrrro
Finningley	360	07121	003	+	ror
Kilnsea	396	01121	007	+	irrr
Leeming	257	03111	000	r	rrroro
Tynemouth	262	04092	000	rr	rr
Carlisle	222	06111	000	ror	ror
Valley	302	06121	000	rororr	roro
Ringway	334	10111	004	ror	rRrorrroror
Squires Gate	318	08091	000	rorR	roror
Ronaldsway	204	13131	000	iroir	roroR
Mull of Galloway	131	01131			
Eskdalemuir	162	16091	000	iroroorrR	rrro
Prestwick	135	07121	000	rororrdrdodo	dododorodriro
Abbotsinch	140	17121	000	rororr	drdrrrR
Leuchars	171	02111	000	rororroro	rororiro
Dyce	091	02101	000	roror	idoirororo
Lerwick	005	09092	000	rr	rrroro
Wick	075	02101	000	irorr	iro
Sule Skerry	010	07121			
Cape Wrath	049	02111	002	iro	proiro
Stornoway	026	02131	029	rriro	+
Benbecula	022	03141	044	riropRpro	pro
Tiree	100	01141	035	rrrorodoropro	+
Aldergrove	917	02131	019	iroorroro	+
Malin	980	9414	034		
Belmullet	976	0316	048		
Birr	965	0215	022		
Dublin	969	0114	013		
Shannon	962	0116	023		
Roches Point	952	1514	010		
Valentia	953	0716	038		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

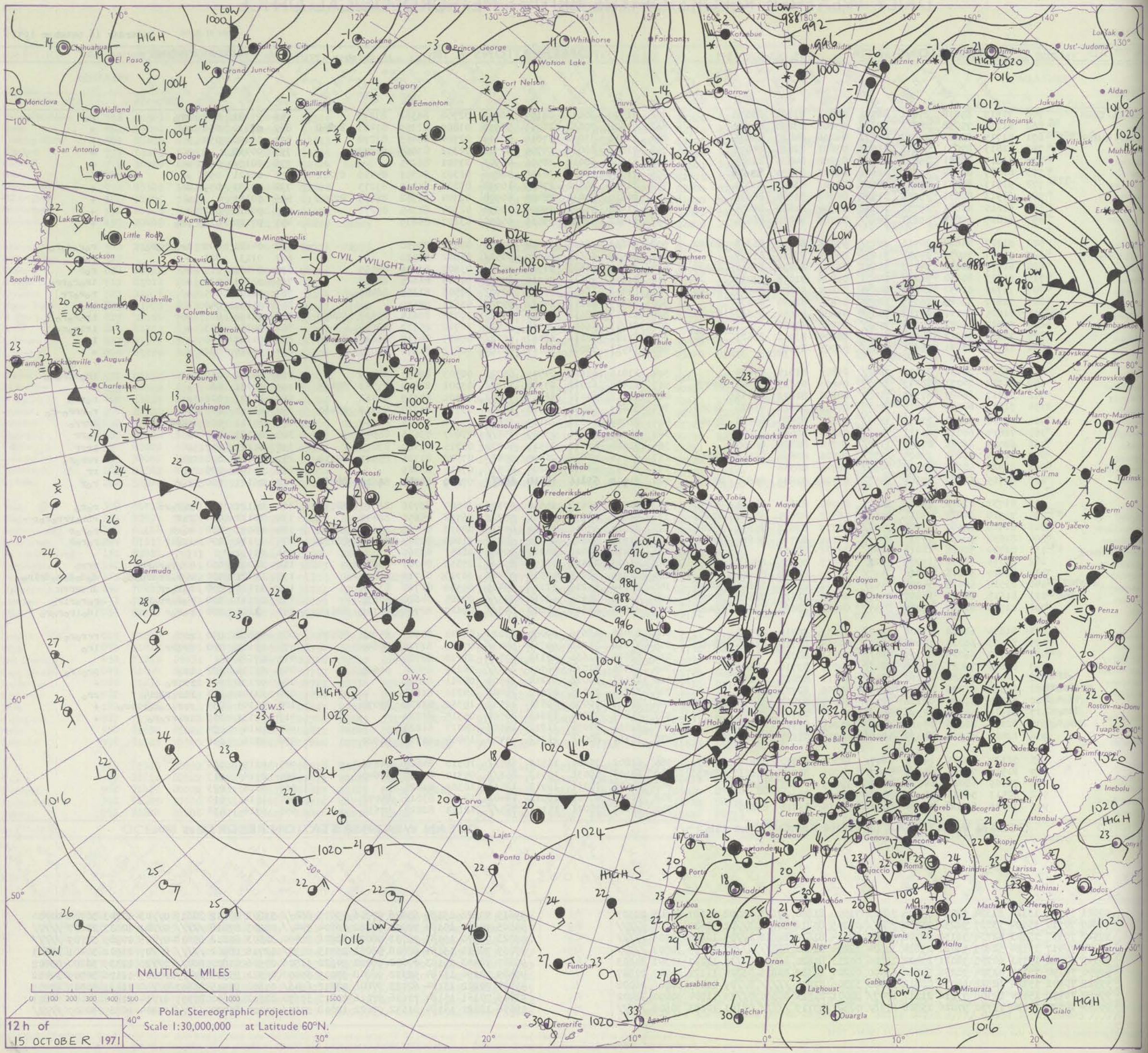
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70331	15124	83324	98022	79705	7842/	71500	81810	87625	05202	10687	30605	20903
B	99565	70510	15124	73027	98252	05704	784//	00209	85818	86625	0//02	10630	30606	/////
C	99527	70367	15123	42734	98158	07108	48400	52214	81812	84618	0//05	10968	30709	/////
D	99434	70417	15124	52805	98021	27814	11504	12204	81820	850//	0//07	11899	30503	/////
E	99349	70482	15123	60705	98021	25422	11506	00213	81820	860//	0//19	12267	30301	34603
I	99590	70190	15124	42324	98258	91610	43400	00207	81312	83816	05304	11172	30707	27807
J	99525	70201	15124	32528	98018	08812	39403	51306	81915	/////	0//09	11449	30706	26008
K	99450	70159	15124	82408	97216	21117	2547/	00001	81713	88360	0//15	11804	30000	32402
M	99655	10020	15124	71730	97026	15808	6748/	00627	85719	/////	05151	10883	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_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70326	15184	83026	97806	79005	884//	31802	85812	88619	0//03	10743	30706	00/00
B	99565	70510	15184	72929	98152	06804	744//	00203	87618	/////	0//01	10633	30607	/////
C	99523	70470	15183	72731	98022	08808	78400	52303	82812	85618	0//05	10989	30709	/////
D	99439	70410	15184	82806	98031	25715	8097/	12716	88462	/////	0//07	11902	30401	35603
E	99347	70483	15183	60000	98022	24622	11506	00506	81820	860//	0//20	12339	30000	03602
I	99589	70190	15184	52332	96808	93009	59400	00312	85914	/////	05405	11176	30909	30012
J	99524	70202	15184	62725	97808	08212	6946/	51500	81915	85657	0//08	11431	30505	27909
K	99449	70161	15184	73106	97016	20817	35670	00302	83640	87359	0//14	11800	30000	30803
M	99656	10022	15184	81632	97022	12008	5757/	00720	85720	/////	05004	10865	30609	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
CIVIL TWILIGHT (Mid-October)
HIGH Q
LOW Z
HIGH S
LOW A
HIGH 1020
LOW
HIGH
LOW
HIGH
LOW
HIGH

18h of 15 OCTOBER 1971

Mean Sea Surface Isotherms

00h of 16 OCTOBER 1971

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

06h of 16 OCTOBER 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 16** October 1971

The high over the North Sea progressed eastwards to the eastern Baltic intensifying. The deep depression southwest of Iceland has remained almost stationary and is now filling. The frontal trough associated with this depression moved steadily eastwards across northern Britain but did not penetrate to southeast England because of the blocking anticyclone to the east and the consequent formation of minor waves. During the next 24 hours little change is expected, with an unstable southwesterly airstream over most northern districts of the British Isles and with the gradually weakening frontal trough remaining over southeast England.

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

Code FM 11.D

OBSERVATIONS at 00h. 16 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
Boscombe Down	746	71812	69016	24809	4572/	02808	84650	87462	
Hurn	862	81614	65026	25511	8092/	02803	88462		
Thorney Island	871	71819	80212	26312	756//	02707	83635	87656	
Manston	797	81718	83022	27908	8097/	51811	86362	88468	
Gatwick	776	81608	65212	27008	857//	03708	88650		
Kew	775								
Heathrow	772	81609	65606	26409	70927	03609	87459	88275	
Honington	586	81610	74022	27308	6587/	01608	86657	88362	
Wattisham	590	71809	75012	27708	2577/	01509	82656	87359	
Gorleston	497	81726	60031	27411	8092/	06715	88460		
Aberporth	502	81624	48615	17709	872//	09805	84705	88708	
Ross-on-Wye	627								
Filton	628	81612	58636	23509	3562/	06809	83640	88558	
Rhoose	715	81516	56626	22509	853//	07610	82706	88616	
Chivenor	707	81108	62616	21710	854//	07708	86716	88623	
Mount Batten	827	81819	61636	23311	874//	09706	88712		
St. Mawgan	817	81622	40516	20911	871//	11608	83702	86704	88707
Scilly	804	82018	32516	19314	872//	14706	88703		
Culdrose	809	82124	60216	21113	6532/	11709	82709	84612	88460
Guernsey	894	71621	74022	25611	00908	03605	87275		
Elmdon	534	81612	65606	23507	5562/	05810	85630	88550	
Cardington	559	81408	62216	25808	858//	03804	88656		
Wittering	462	81612	59606	25306	856//	04808	88640		
Watnall	354	81612	58636	24106	2562/	05609	82630	88550	
Shawbury	414	72210	66616	21408	755//	05710	82620	87635	
Finningley	360	81713	58616	23407	8072/	06809	88550		
Kilnsea	396	82026	66216	24808	5557/	05002	85625	88360	
Leeming	257	81813	74026	21207	855//	05102	88620		
Tynemouth	262	82030	74026	19107	856//	05400	88630		
Carlisle	222	71615	66022	17109	756//	06005	87643		
Valley	302	81734	61026	17011	853//	10002	84707	88616	
Ringway	334	81720	70216	20808	855//	05503	88625		
Squires Gate	318	81620	70016	18609	855//	06606	82625	88641	
Ronaldsway	204	81812	70606	16113	854//	11502	83710	88657	
Mull of Galloway	131	01919	70020	14713	00900	12400			
Eskdalemuir	162	81615	23216	16208	871//	07003	88702		
Prestwick	135	61806	75031	14509	5573/	08205	85656		
Abbotsinch	140	11807	70028	13710	15400	08202	81714		
Leuchars	171	52106	66016	14509	45401	09001	81618	84650	
Dyce	091	11812	65026	13809	15400	08208	81615		
Lerwick	005	32114	74036	09209	35600	08500	83630		
Wick	075	21912	74011	10110	15630	07301	81645		
Sule Skerry	010	52319	74038	07712	53400	11704	83915	85620	
Cape Wrath	049	21805	83018	07411	25500	08504	82620		
Stornoway	026	62020	60251	07010	625//	09707	86820		
Benbecula	022	12312	74258	07810	19400	08703	81918		
Tiree	100	32120	75031	09712	32500	11806	83823		
Aldergrove	917	11810	60220	14209	15600	08603	81640		
Malin	980	32021	82038	11410	12502	08709	81820		
Belmullet	976	72118	80031	11213	35602	09705	83635	86070	
Birr	965	31702	66031	15409	00902	08705	83070		
Dublin	969	62207	65031	15712	6097/	10801	86458		
Shannon	962	21609	74258	15010	22500	09802	82820		
Roches Point	952	82114	60102	16614	864//	13801	85715	88650	
Valentia	953	72009	70808	15013	785//	11705	85820	86638	

OBSERVATIONS at 06h. 16 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
Boscombe Down	746	71612	66016	22709	756//	07712	84632	87650	
Hurn	862	81814	60216	23111	3557/	07711	83625	88462	
Thorney Island	871	71716	80602	24411	7097/	04711	87358		
Manston	797	71716	70012	26708	3577/	04809	83656	87360	
Gatwick	776	81507	70216	25009	857//	04810	88650		
Kew	775	71303	58056	24708	756//	05806	87638		
Heathrow	772	81407	70036	24408	7562/	06710	87638	88458	
Honington	586	81811	64616	25107	856//	03708	82635	88656	
Wattisham	590	81809	64622	25507	857//	03711	88656		
Gorleston	497	81820	60216	25710	8092/	03711	88460		
Aberporth	502	11611	59036	17311	12401	11000	81818		
Ross-on-Wye	627	81908	57606	20709	1742/	08707	81710	88558	
Filton	628	81510	48655	21509	6552/	08608	86622	88535	
Rhoose	715	81714	50626	20111	873//	10608	81706	88709	
Chivenor	707	81208	58606	19011	854//	11711	86710	88624	
Mount Batten	827	81924	48636	20313	873//	12615	85706	88708	
St. Mawgan	817	81911	23636	18613	870//	13608	82700	85702	88704
Scilly	804	80000	32636	18813	873//	13501	88706		
Culdrose	809	82809	37626	18913	6732/	13708	83709	86710	88460
Guernsey	894	41616	70031	23511	20932	07811	82365	84075	
Elmdon	534	81712	62615	21507	855//	06706	88623		
Cardington	559	81608	58636	23807	853//	06811	85709	88633	
Wittering	462	81814	58616	22906	856//	05705	88640		
Watnall	354	81711	59215	21907	7732/	06607	82707	86709	88460
Shawbury	414	72009	62016	20009	754//	07804	83711	87632	
Finningley	360	81911	62036	20907	854//	05610	83715	84622	88629
Kilnsea	396	82026	63606	21808	4567/	06711	84630	88460	
Leeming	257	81408	56026	19208	852//	06506	82705	88612	
Tynemouth	262	72022	66022	17207	756//	06609	87630		
Carlisle	222	51712	66036	15009	25671	08713	82630	83360	85075
Valley	302	71723	61212	16213	753//	11504	82707	84620	87650
Ringway	334	81814	62025	18909	863//	07607	84708	88710	
Squires Gate	318	71616	70026	17309	7097/	08710	87358		
Ronaldsway	204	22113	59016	14913	25300	11609	81707		
Mull of Galloway	131	32027	74011	13113	35501	10710	83625		
Eskdalemuir	162	81709	30608	15107	872//	07709	85703	88707	
Prestwick	135	62108	75011	13011	685//	09507	81820	83640	85656
Abbotsinch	140	61607	66251	12111	685//	09709	81826	85635	
Leuchars	171	51818	66011	12609	25730	07709	82656	83359	
Dyce	091	72117	80021	11409	15532	07815	81620	84362	86072
Lerwick	005	61911	74031	09009	55301	07602	81707	85630	
Wick	075	61811	69031	08611	4563/	08714	84640	86360	
Sule Skerry	010	82119	58628	07610	873//	09400	88708		
Cape Wrath	049	72305	83026	05810	764//	06712	87718		
Stornoway	026	51917	80038	05411	52500	10718	85820		
Benbecula	022	52312	74298	05611	59460	09813	85915		
Tiree	100	82318	50928	08509	894//	09503	85711	88935	
Aldergrove	917	71810	63031	13110	755//	09601	81620	87648	
Malin	980	41915	82258	10410	48500	09503	81820	83645	
Belmullet	976	52314	80016	11311	484/2	08208	81717	83632	
Birr	965	32008	74038	14610	15602	09001	81640	83072	
Dublin	969	72106	75031	14712	7093/	10503	87358		
Shannon	962	21909	80030	14511	25600	09203	82640		
Roches Point	952	72507	65036	15613	756//	12603	87635		
Valentia	953	42310	70258	14612	49500	11701	84920		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	04071	06	r_oRr	$r_o r_o r$
Hurn	862	96101	08	r_o	r_o
Thorney Island	871	97100	08	r_o	r_o
Manston	797	00071	05	+	+
Gatwick	776	97071	06	ir_o	ir_o
Kew	775	01071	06	R	rr_o
Heathrow	772	96081	07	ir_o	rir_o
Honington	586	95071	05	+	$r_o rr_o r_o ir_o$
Wattisham	590	01071	06	+	$rrir_o$
Gorleston	497	91070	05	+	r_o
Aberporth	502	02071	08	$d_o r_o r_o r_o$	+
Ross-on-Wye	627	02071	06		$r_o$ir
Filton	628	12082	07	$r_o r_o$Rd$_o r_o d_o r_o$	$d_o r_o d_o r_o r$RdrR
Rhoose	715	17092	08	$ir_o rr_o$Rir_o	$irrr_o$R$r_o rr_o$
Chivenor	707	05091	08	$rr_o r_o$	$r_o r_o r$
Mount Batten	827	28101	08	ir_orrRR	RRr$_o r_o rr d_o d_o$
St. Mawgan	817	15101	09	$r_o r_o d_o d_o$rr	rrRRrr
Scilly	804	15122	12	ird$dr_o r_o$	rrifrr
Culdrose	809	14102	09	ir_o	ir_oirrr
Guernsey	894	00100	09	+	+
Elmdon	534	02071	05	$ir_o r_o r_o$rr	$ir_o d_o r_o r_o r_o$
Cardington	559	07072	06	$r_o$ir$_o r$R	rr$_o$R$r_o r_o$
Wittering	462	06061	05	$r_o$rr	rrR$r_o r_o$
Watnall	354	06061	05	$r_o$rrRd$_o$	d_o-$d_o r_o$-r_o
Shawbury	414	03071	06	$r_o d_o r_o$R	id_o
Finningley	360	05061	06	$r_o r_o r$	$r_o r_o r$
Kilnsea	396	05071		ir_oirrr	irr$_o r_o$ir$_o$
Leeming	257	92071	06	$r_o r_o$	$r_o r_o$
Tynemouth	262	97071	06	+	pr_o
Carlisle	222	02081	06	$r_o$ir$_o$	pr$_o$pr
Valley	302	01111	10	$r_o r_o$	ir_o
Ringway	334	01071	06	$r_o r_o r_o d_o$	+
Squires Gate	318	97081	07	r_o	+
Ronaldsway	204	01121	08	R	+
Mull of Galloway	131	00111			
Eskdalemuir	162	06061	06	$r_o$rprpr$_o$	prpr$_o r_o$rR
Prestwick	135	00081	06	+	+
Abbotsinch	140	95071	03	pr_o	pr_o
Leuchars	171	00081	04	+	+
Dyce	091	00081	05	+	+
Lerwick	005	91091	06	+	d_o
Wick	075	00091	07	+	+
Sule Skerry	010	14092	08		
Cape Wrath	049	15082	07	pr$_o$rr	rr
Stornoway	026	06091	07	pr	pr
Benbecula	022	16091	07	prpRpr$_o$	tlrpr$_o$
Tiree	100	05091	07	pr_o	prtlRrpr$_o$
Aldergrove	917	97081	05	+	r_o
Malin	980	97101	06		
Belmullet	976	93111	09		
Birr	965	01081	05		
Dublin	969	00101	07		
Shannon	962	97101	08		
Roches Point	952	20121	10		
Valentia	953	97101	08		

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	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$OT_s T_s T_d T_d$	$IT_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99621	70331	16004	83322	96218	81204	873//	81115	88708	/////	05502	10716	30605	00/00
B	99565	70510	16004	62824	98028	07304	65400	00810	86615	/////	0//00	10649	30606	/////
C	99517	70376	16003	82716	95616	09208	6742/	52602	86710	88525	0//06	11172	30708	/////
D	99440	70410	16004	22716	98021	26015	20930	00108	82360	/////	0//11	11758	30504	/////
E	99349	70482	16003	30505	98021	25821	11501	00207	81820	/////	0//18	12307	30000	99/02
I	99590	70188	16004	62327	97808	93608	624//	61304	86816	/////	05605	11179	30909	20012
J	99523	70202	16004	22718	97022	10012	28400	00209	82818	/////	0//07	11420	30404	99/07
K	99448	70159	16004	80000	96032	21117	8097/	00602	88361	/////	0//15	11800	30000	30002
M	99658	10021	16004	81632	96616	07008	7752/	00727	87720	/////	05006	10884	30712	/////

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	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$OT_s T_s T_d T_d$	$IT_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99617	70326	16064	83227	97618	83503	884//	41004	82817	88623	0//02	10678	30706	00/00
B	99565	70510	16064	81810	97258	03504	824//	00727	88815	/////	0//01	10640	30503	30605
C	99517	70378	16063	32925	98016	11208	38500	82213	82820	/////	0//03	11127	30706	/////
D	99441	70406	16064	22914	98020	24915	20930	00602	82360	/////	0//11	11788	30504	/////
E	99350	70481	16063	10504	98020	24420	14500	00807	81625	/////	0//18	12259	30000	99/02
I	99590	70190	16064	22430	98018	94109	22400	61102	82816	/////	05505	11160	30909	20012
J	99523	70200	16064	72616	98031	09212	38402	00708	82818	83630	0//08	11433	30404	99/07
K	99448	70159	16064	80404	96026	20317	8097/	00501	88460	/////	0//15	1////	30000	30302
M	99659	10021	16064	71819	96022	05009	774//	00400	87715	/////	00108	10881	30204	18709

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40141

Date of Issue Sunday 17 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 16 October 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	81713	40636	21409	862//	09813	88704		
Hurn	862	81609	50616	22112	6742/	10707	86712	88535	
Thorney Island	871	81616	81026	23512	2567/	07807	81630	85358	88460
Manston	797	71914	70032	25510	25576	05707	82620	84360	81272
Gatwick	776	81813	75026	23912	4557/	06807	81624	84657	88462
Kew	775	81604	66656	23310	8092/	07812	88459		
Heathrow	772	81608	58636	23210	1732/	08711	81709	88557	
Honington	586	81813	58636	23509	2557/	06715	82622	86359	88462
Wattisham	590	71913	70216	24210	1167/	04608	81830	86360	87465
Gorleston	497	71822	60622	24310	2567/	05709	82630	87360	
Aberporth	502	72010	74031	17415	38531	11702	82820	85359	86075
Ross-on-Wye	627	81608	57506	19011	873//	11711	88708		
Filton	628	81611	32596	20111	873//	11706	83706	88708	
Rhoose	715	81809	64606	18913	853//	12806	81708	88611	
Chivenor	707	72002	80026	19115	4533/	12102	81707	84620	86360
Mount Batten	827	82207	56516	20313	872//	13306	81704	86706	88712
St. Mawgan	817	71809	57106	19614	5627/	13204	82704	85707	87359
Scilly	804	62305	66016	19315	00901	14802	86075		
Culdrose	809	72204	69216	19414	752/1	12804	82703	83710	86620
Guernsey	894	81716	56616	22711	872//	11805	84705	87707	
Elmdon	534	81710	56516	20409	872//	08809	83703	88705	
Cardington	559	81709	56616	22509	6542/	08809	81618	86640	88458
Wittering	462	81711	28586	21908	852//	07806	82705	87707	88630
Watnall	354	81712	48582	20609	852//	07810	86705	88615	
Shawbury	414	72208	61015	18812	763//	09709	82709	86710	
Finningley	360	81911	59022	20210	854//	08806	83710	88620	
Kilnsea	396	62028	66016	21909	2557/	07004	82625	86360	
Leeming	257	61715	40042	18311	5848/	09707	81810	85645	
Tynemouth	262	82516	48058	17311	6557/	09304	86625		
Carlisle	222	71406	56808	15511	68431	10102	82715	84820	85073
Valley	302	72219	61218	16314	5837/	11802	81708	83810	87460
Ringway	334	81613	56042	18811	863//	09805	88709		
Squires Gate	318	71513	57212	17312	784//	10804	81818	83645	87657
Ronaldsway	204	72110	75031	15614	58402	11004	81818	85650	86075
Mull of Galloway	131	52125	74022	13915	12501	11104	81825	85075	
Eskdalemuir	162	62117	69016	14514	42404	10303	81819	84827	
Prestwick	135	72312	64051	13814	38438	10005	82818	83366	87078
Abbotsinch	140	72112	70038	13113	28442	10210	82818	87080	
Leuchars	171	72212	69028	12914	78502	10206	83820	87645	
Dyce	091	41914	80011	12114	38532	10207	81820	83656	
Lerwick	005	71920	69605	07611	783//	09708	82708	84812	87630
Wick	075	22217	86012	08813	13430	07208	81918		
Sule Skerry	010	32519	74018	06310	33500	09204	83920		
Cape Wrath	049	22314	83016	07111	22500	07314	82820		
Stornoway	026	22313	82028	08512	22500	09221	82820		
Benbecula	022	32317	82028	09713	12431	07317	81818		
Tiree	100	52315	82038	11013	18504	10213	81820	85075	
Aldergrove	917	52213	81026	13714	22431	10003	82815	85075	
Malin	980	72313	84151	12014	625/2	09006	86820	84070	
Belmullet	976	62315	80038	12514	535/2	09103	84920		
Birr	965	72110	81021	15414	585/2	09500	83821	84640	
Dublin	969	62309	84022	15115	38506	09001	83825	86275	
Shannon	962	72110	83028	15115	48506	11002	83820	86273	
Roches Point	952	72211	80022	16415	584/8	12000	82818	83640	87270
Valentia	953	72212	82031	15515	52532	11101	85822	85370	

OBSERVATIONS at 18h. 16 October 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	81813	28516	19011	872//	11707	86703	88704	
Hurn	862	81712	20586	19512	872//	12805	85705	88708	
Thorney Island	871	81613	56586	21011	6542/	11607	84714	86630	88556
Manston	797	81713	69602	22509	2577/	05509	82656	88360	
Gatwick	776	81707	57612	21509	6552/	08505	82620	86650	88459
Kew	775	81806	66036	21011	854//	07704	88619		
Heathrow	772	81609	62606	20911	854//	07505	88617		
Honington	586	81712	37616	21408	855//	07505	84627	88650	
Wattisham	590	81811	56616	21808	3572/	06504	83650	88459	
Gorleston	497	81815	58636	22109	3562/	07707	83630	88550	
Aberporth	502	81807	74028	15711	40937	10807	84360	88270	
Ross-on-Wye	627	71702	48215	17212	7097/	12603	84360	87464	
Filton	628	71102	23046	18512	754//	12605	82710	83623	87632
Rhoose	715	71501	70028	17912	22436	11504	82816	83359	87275
Chivenor	707	71302	69022	17713	16378	12505	81707	86465	87270
Mount Batten	827	70000	61026	18213	4557/	12706	82620	83650	85360
St. Mawgan	817	81607	57102	18113	2817/	12502	81702	83358	88462
Scilly	804	72303	66022	18014	4552/	13606	84625	87460	
Culdrose	809	72308	30102	18413	750//	13704	84601	87604	
Guernsey	894	81717	58606	20313	853//	11606	82709	84615	88630
Elmdon	534	81608	48106	18210	862//	10505	88703		
Cardington	559	81710	56056	19810	855//	08610	88623		
Wittering	462	81609	37216	19109	852//	08609	83704	88613	
Watnall	354	81705	14206	18309	862//	08606	82704	88705	
Shawbury	414	71504	40042	16812	755//	10503	81625	86645	
Finningley	360	81810	40042	17809	853//	08610	83709	88617	
Kilnsea	396	82119	60026	17809	864//	09714	88715		
Leeming	257	81611	32042	16710	853//	09505	84707	84612	88650
Tynemouth	262	81715	28058	15811	855//	09601	88625		
Carlisle	222	71404	48258	14511	48532	09604	82820	83640	85070
Valley	302	72218	62026	14614	25402	12805	82712	87072	
Ringway	334	71607	40042	16711	45302	10605	82707	84640	85075
Squires Gate	318	71512	30216	15811	38578	10504	81825	83645	87270
Ronaldsway	204	81806	65012	14114	584/7	12605	83711	84645	88275
Mull of Galloway	131	81920	70032	12613	3467/	10610	83635	88362	
Eskdalemuir	162	61807	32102	14310	692//	09501	82703	81918	84635
Prestwick	135	71907	63042	12512	48432	10709	81816	84645	87078
Abbotsinch	140	72006	62042	12311	18438	09705	81818	87275	
Leuchars	171	72010	66022	12809	26402	07301	82712	87075	
Dyce	091	71807	70021	12210	14678	08301	81635	83365	87270
Lerwick	005	72214	74038	09609	12404	08217	81812	87070	
Wick	075	72006	84021	10409	18472	07204	81818	86363	87072
Sule Skerry	010	82313	74038	08111	33576	09201	83920	85458	88270
Cape Wrath	049	52310	85011	08410	22540	07203	82820	85360	
Stornoway	026	82010	82031	08610	12637	09000	81830	88275	
Benbecula	022	82313	74258	08511	49467	08605	84915	88270	
Tiree	100	82112	80142	09712	48437	09805	83818	88272	
Aldergrove	917	81606	75212	12310	5547/	08707	81712	84645	88460
Malin	980	82013	82258	11011	2857/	09805	81820	88459	
Belmullet	976	62213	75808	10410	532/8	09612	84705	85270	81920
Birr	965	81904	75216	13012	5857/	10613	82821	84636	88464
Dublin	969	82403	80022	13313	2577/	09605	82650	88462	
Shannon	962	61707	82018	12813	38572	10611	81822	83640	85362
Roches Point	952	72206	75016	14513	65478	12511	81714	86638	87270
Valentia	953	71908	80032	12913	785//	11613	82820	87656	

OBSERVATIONS during DAY

Station	iii	RRT	T_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	10121		000	$r_orRd_or_od_o$	d_od_odrd
Hurn	862	10131		000	$r_orr_or_odrd_or_o$	$d_or_odrDR-Rr$
Thorney Island	871	02131		000	r_o	$r_ord_or_o$
Manston	797	91111			+	$ir_or_or_o$
Gatwick	776	01121		000	ir_o	r_or_o
Kew	775	05111		000	Rrr+	d_or_o
Heathrow	772	07111		000	r_orRrr_o	$r_or_od_rd_r$
Honington	586	13101			r_orrR	$Rrrd_or_o$
Wattisham	590	04111		000	ir_oir	$rrir_od_or_o$
Gorleston	497	05112		000	irr	irrrr$_o$
Aberporth	502	97161		037	pr_o	ir_o
Ross-on-Wye	627	91131		000	r_oid_o	r_o
Filton	628	09131		000	$rRdrd_or_od_od_o$	d_od_oiff
Rhoose	715	96151		000	$r_oir_opr_o$	+
Chivenor	707	94160		006	r_o	+
Mount Batten	827	01141		001	$d_or_od_od_o$	+
St. Mawgan	817	97161		008	ir_o	ff
Scilly	804	00181		048	+	+
Culdrose	809	01151		007	ir_o	+
Guernsey	894	14131		000	r_or_oir	d_or_orr
Elmdon	534	96101		000	$r_ord_or_od_od_od$	dd_or_o
Cardington	559	07101		000	$rRr_or_oir_o$	$r_or_oir_o$
Wittering	462	04091		000	$r_od_or_ordr$	$d_or_odr_dorr_o$
Watnall	354	92091		000	$d_or_od_o$	$d_or_od_or_od_o$
Shawbury	414	00131		010	+	+
Finningley	360	00101		000	+	+
Kilnsea	396	97090		000	ir_o	ir_o
Leeming	257	97131		007	+	ir_o
Tynemouth	262	92121		005	pr_o	+
Carlisle	222	05131		014	pr_oprpR	pr_opr
Valley	302	12151		003	$ir_orrRRpr_o$	ir_o
Ringway	334	97121		001	+	d
Squires Gate	318	97131		003	r_o	r_or_o
Ronaldsway	204	00151		033	+	+
Mull of Galloway	131	00150				
Eskdalemuir	162	95141		035	+	$prpr_o$
Prestwick	135	00150		037	+	+
Abbotsinch	140	94141		026	pr_o	ir_o
Leuchars	171	97141		039	pr_o	+
Dyce	091	00141		043	+	+
Lerwick	005	03111		014	$d_or_or_opr$	pr_o
Wick	075	00141		042	+	+
Sule Skerry	010	04121				
Cape Wrath	049	96111		042	ir_o	+
Stornoway	026	02131		056	pr_o	irrr
Benbecula	022	92141		051	pr_o	pr_o
Tiree	100	93141		053	jp	pr_o
Aldergrove	917	92141		048	+	rr_o
Malin	980	9115		028		
Belmullet	976	0315		025		
Birr	965	9715		029		
Dublin	969	0016		052		
Shannon	962	0116		031		
Roches Point	952	9715		004		
Valentia	953	0015		024		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

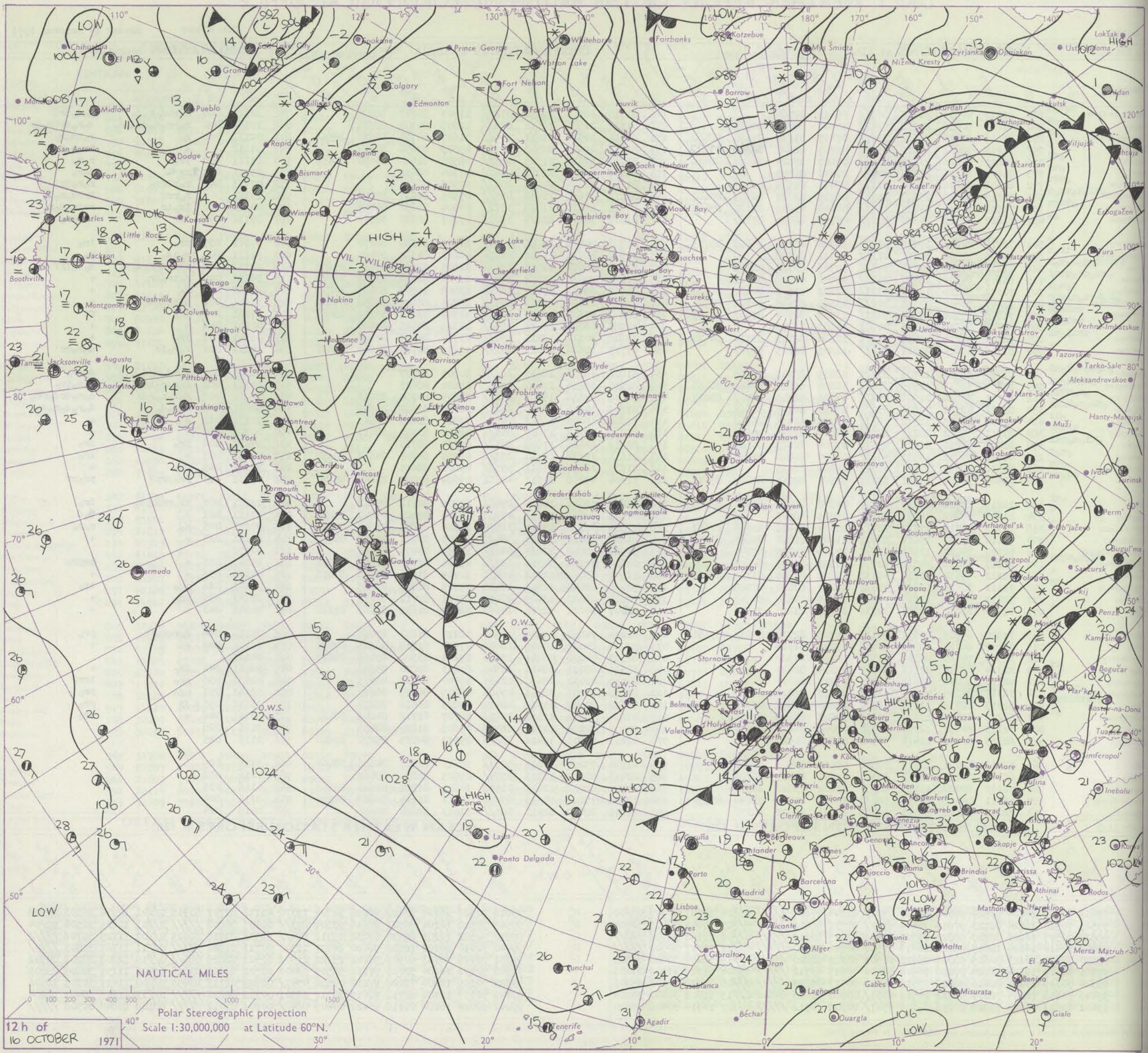
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	16124	83524	96608	89505	7732/	81244	87807	/////	05304	10727	30707	00/00
B	99565	70510	16124	81123	97616	96004	873//	00731	88809	/////	0//03	10641	30403	32704
C	99514	70377	16123	32720	98020	24309	32400	52015	83815	/////	0//06	11168	30706	/////
D	99440	70410	16124	12815	98020	26016	11500	00116	81820	/////	0//12	11777	30503	/////
E	99350	70480	16123	30605	98021	25922	22501	00212	82820	/////	0//19	12294	30000	04802
I	99589	70189	16124	52424	97258	96908	59400	00217	83912	/////	05604	11146	31009	21008
J	99524	70199	16124	22416	98028	07512	28502	00717	81822	/////	0//08	11428	30303	25906
K	99449	70158	16124	72204	98032	20518	4853/	00000	81826	84640	0//15	11808	30000	30204
M	99661	10023	16124	71826	96158	04609	6947/	00709	86912	/////	00107	10914	30406	16810

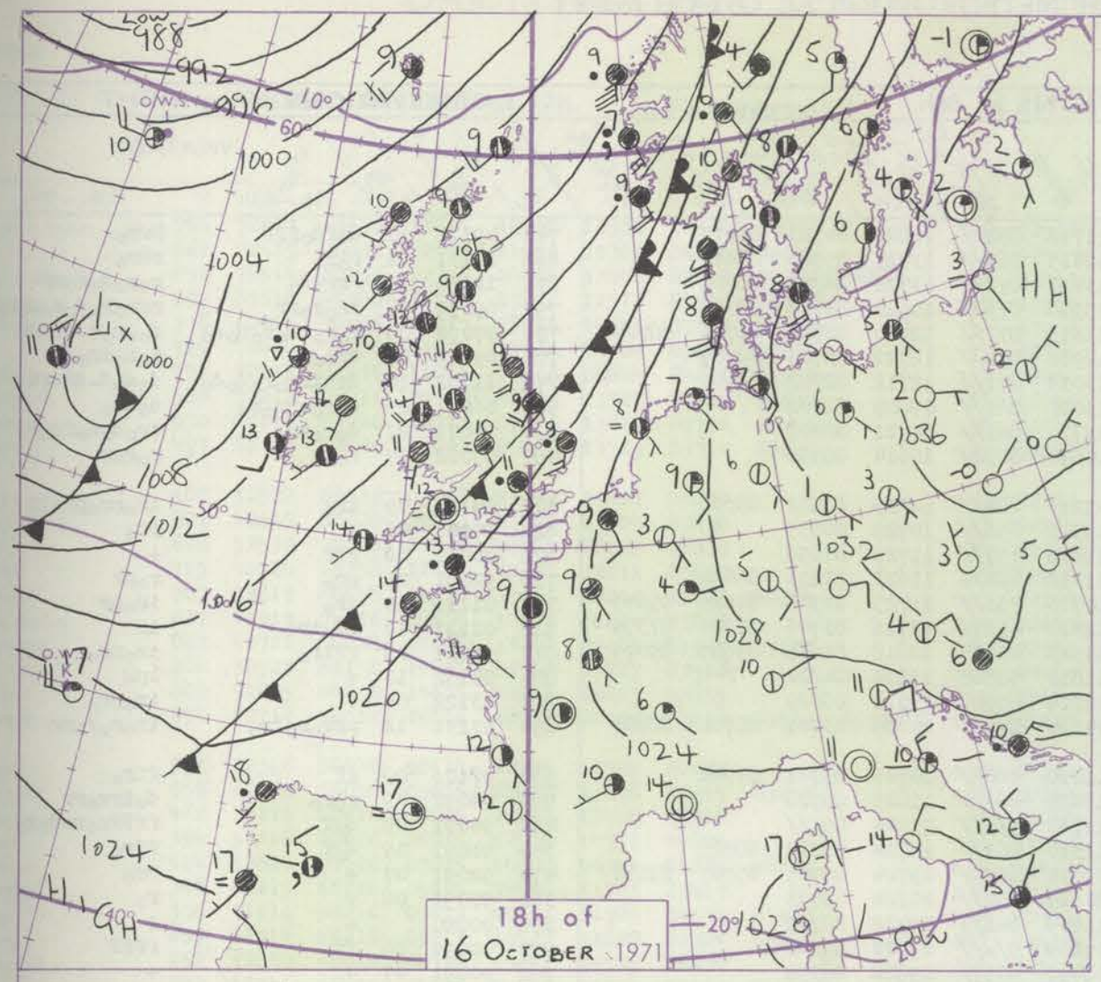
OCEAN WEATHER STATION REPORTS at 18h.

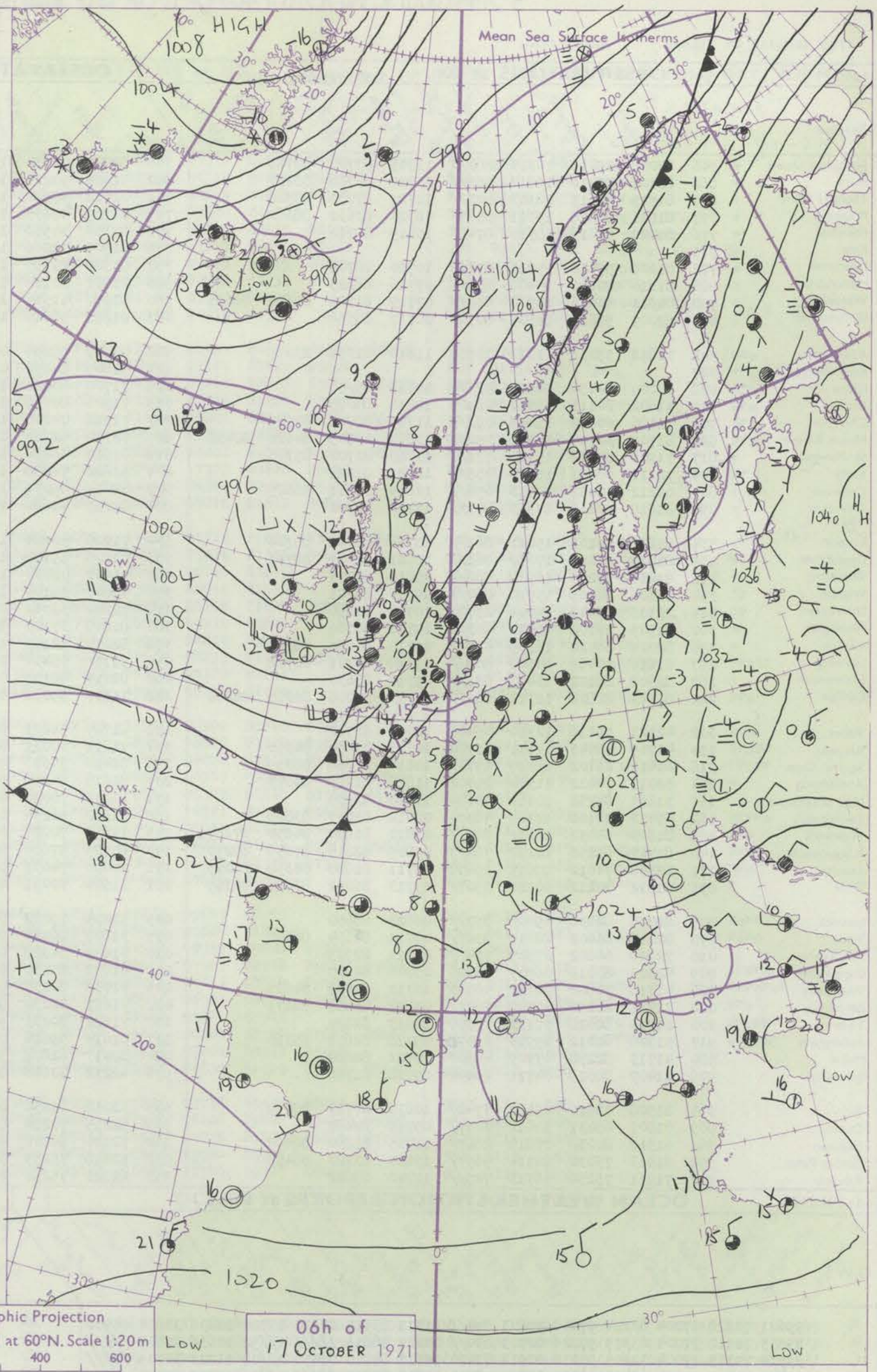
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70328	16184	73620	96256	92704	79370	41112	83707	83915	0//01	10670	30503	04908
B	99565	70510	16184	80523	97616	95304	873//	00307	88808	/////	0//03	10625	30504	99/04
C	99510	70382	16183	82130	90032	09311	884//	52533	83818	88625	0//07	11125	30706	/////
D	99440	70410	16184	12510	98020	24017	11500	00713	81820	/////	0//11	11767	30403	/////
E	99351	70478	16183	60905	98022	25322	21501	00503	82825	860//	0//19	12308	30201	04702
I	99588	70191	16184	52721	97161	96509	53400	00502	83913	83818	05405	11157	30805	23009
J	99525	70199	16184	73320	97258	00610	4347/	00629	81715	83459	0//08	11417	30303	18906
K	99449	70157	16184	22718	98015	20717	28501	00112	82820	/////	0//13	11803	30401	30204
M	99661	10024	16184	81718	96022	03409	864//	00601	88712	/////	00108	10840	30508	/////

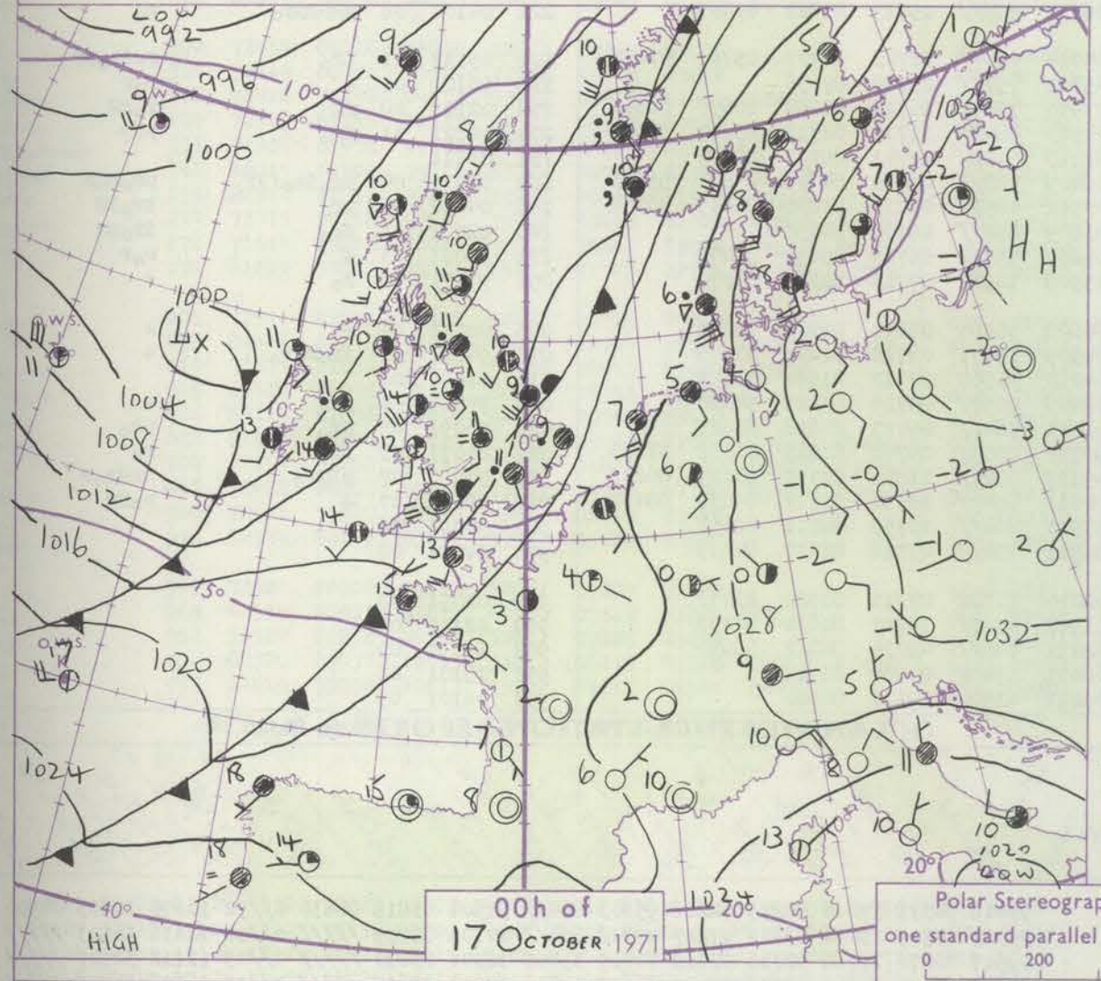
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 Sunday 17 October 1971

The anticyclone over north Poland has moved slowly southeast and is expected north of the Black Sea by tomorrow morning. The Icelandic depression is filling and moving slowly northeast reaching northwest Norway by tomorrow morning. A deepening depression over Labrador yesterday morning, moving east and now about 300 miles southeast of Greenland, is expected about 250 miles south of Iceland by tomorrow morning. A slow-moving cold front with waves over west Norway and across southeast England is now moving away east with the approach of a trough now into western Ireland. This trough is expected to move rapidly northeast but to lose its identity as it becomes involved in the circulation of the approaching Atlantic depression, the occluded front of which is expected into central Scotland and across eastern Ireland by tomorrow morning.

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

Code FM 11.D — OBSERVATIONS at 00h. — 17 October 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	82008	09416	16313	860//	13719	83700	88701	
Hurn	862	82107	50016	16814	5632/	13719	85708	88457	
Thorney Island	871	81915	40615	18113	873//	12721	87706	88708	
Manston	797	81811	80026	19411	3567/	06721	83630	88360	
Gatwick	776	81807	57616	18510	874//	10819	88712		
Kew	775								
Heathrow	772	81608	59616	17611	873//	10720	88709		
Honington	586	81810	40636	18408	855//	07716	88625		
Wattisham	590	81911	40636	18908	852//	07719	81705	85616	88635
Gorleston	497	82007	58616	19309	8072/	08717	88556		
Aberporth	502	31812	59016	13812	10931	11816	81358	83075	
Ross-on-Wye	627								
Filton	628	90000	00454	16509	9////	09813	89/00		
Rhoose	715	41602	80111	15510	00901	10818	84075		
Chivenor	707	71106	66032	15612	763//	11719	82706	87707	
Mount Batten	827	81705	32105	16413	5522/	13817	83705	84620	88458
St. Mawgan	817	71908	57216	15713	771//	13819	83702	87703	
Scilly	804	72111	66031	15414	755//	12721	87625		
Culdrose	809	62212	40052	16213	654//	12819	82711	86625	
Guernsey	894	81819	40216	17913	871//	13716	88702		
Elmdon	534	81808	50102	15811	861//	10718	86702	88704	
Cardington	559	81710	56056	17010	863//	10821	82709	88711	
Wittering	462	81810	20205	16509	862//	09819	88703		
Watnall	354	82108	28105	15910	860//	09716	88701		
Shawbury	414	22105	37041	14611	25700	10718	82656		
Finningley	360	81905	37102	15410	863//	10716	88706		
Kilnsea	396	82024	58022	16309	4567/	09715	84630	88360	
Leeming	257	81810	07466	14509	860//	09718	86701	88702	
Tynemouth	262	82308	28102	13410	856//	09716	88630		
Carlisle	222	81503	28808	12311	883//	10713	82708	85715	88640
Valley	302	42123	59216	12314	45400	12718	83710		
Ringway	334	41709	40045	14611	15730	10716	81650	84360	
Squires Gate	318	61411	26102	13810	1573/	10814	81650	86359	
Ronaldsway	204	52011	70012	11514	25402	11818	81713	84073	
Mull of Galloway	131	31815	84258	10113	33600	11820	83930		
Eskdalemuir	162	41402	28108	12308	48300	08812	83707	83819	
Prestwick	135	81803	65031	10611	885//	09810	81820	84650	87657
Abbotsinch	140	81707	65256	10212	784/7	09809	82815	87656	88270
Leuchars	171	62308	74012	10611	15632	08711	81630	84360	85075
Dyce	091	81912	70212	10110	3567/	09713	81632	83656	86359
Lerwick	005	82005	82038	09008	857//	08823	88650		
Wick	075	82010	80602	08610	5567/	08710	84634	88460	
Sule Skerry	010	72109	66002	07509	734//	06711	87915		
Cape Wrath	049	42305	83018	06909	43500	05706	84920		
Stornoway	026	41718	70806	06710	48500	10711	82820	84635	
Benbecula	022	71711	80258	06209	784//	07814	83818	86631	
Tiree	100	11915	82028	07111	18500	10817	81820		
Aldergrove	917	51708	62012	09910	25470	09718	82618	85360	
Malin	980	41713	82258	07709	48500	07822	82820		
Belmullet	976	21409	80018	04711	26400	09738	81716		
Birr	965	81508	62616	09111	7742/	10831	87717	88459	
Dublin	969	71807	65031	10612	7097/	09719	87460		
Shannon	962	61510	80038	07812	2867/	11735	81830	86460	
Roches Point	952	81913	75032	10114	5657/	13830	83720	88458	
Valentia	953	71911	75258	06713	725//	11742	87822		

OBSERVATIONS at 06h. — 17 October 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	82202	32634	11712	852//	12827	84703	88617	
Hurn	862	81909	50216	12415	863//	13727	85706	88610	
Thorney Island	871	81912	37586	13413	872//	13722	86704	88706	
Manston	797	81709	40635	15110	873//	10620	83706	88708	
Gatwick	776	82009	30516	13813	871//	12720	82702	86703	88704
Kew	775	81705	48216	12912	872//	12722	83703	88707	
Heathrow	772	81505	23595	13012	871//	12712	82702	88703	
Honington	586	81811	20106	13010	861//	09828	88702		
Wattisham	590	81910	11516	13710	861//	10721	88702		
Gorleston	497	81815	56616	14511	8072/	10614	88556		
Aberporth	502	82019	59256	07213	804//	12735	86812	88630	
Ross-on-Wye	627	61805	24052	09911	656//	10725	86635		
Filton	628	71706	60024	11412	757//	11727	87656		
Rhoose	715	71906	80038	11312	684/1	11623	83813	86650	
Chivenor	707	71913	70606	10713	753//	11725	83708	84625	85645
Mount Batten	827	72110	62026	12414	6537/	13716	83706	86620	87359
St. Mawgan	817	61913	66216	11513	45432	12618	81615	83635	85075
Scilly	804	52622	74258	11813	58500	11614	84020		
Culdrose	809	62415	69031	12314	655//	13716	86620		
Guernsey	894	82017	40636	14114	870//	14614	83701	86702	88703
Elmdon	534	71706	36284	11010	760//	10729	85701	87702	
Cardington	559	81706	19105	12412	863//	11825	88706		
Wittering	462	91907	02434	11711	9////	11724	89///		
Watnall	354	81807	28104	11310	861//	10724	83702	88705	
Shawbury	414	72202	32041	09710	6523/	09724	82705	85707	85650
Finningley	360	81806	37102	10610	862//	10724	88703		
Kilnsea	396	82013	12102	11609	861//	09728	88702		
Leeming	257	91710	05434	09509	9////	09727	89/00		
Tynemouth	262	82014	48102	08410	8097/	09828	88358		
Carlisle	222	71307	59038	06711	785//	09729	81822	87635	
Valley	302	81727	59601	04714	7537/	12743	82707	85711	87638
Ringway	334	71611	60031	09311	757//	09728	87656		
Squires Gate	318	81414	36626	07910	7567/	10729	82630	86656	88360
Ronaldsway	204	81618	64258	04513	884//	11739	82713	85817	88650
Mull of Galloway	131	81933	70026	02113	5742/	12741	85717	88460	
Eskdalemuir	162	71510	56254	06409	783//	09630	84706	85821	85633
Prestwick	135	71609	70028	03512	4853/	09736	81820	83645	86358
Abbotsinch	140	80705	57608	03809	857//	08705	88656		
Leuchars	171	70000	74031	05607	55732	06729	85656	86075	
Dyce	091	31504	70031	05908	10932	07722	81360	83070	
Lerwick	005	52204	79012	04808	55300	08614	81706	85640	
Wick	075	31808	86036	04309	15601	07722	81630	83075	
Sule Skerry	010	31609	84028	04210	33500	07712	81920	83625	
Cape Wrath	049	41802	85030	02409	25570	04724	82625	84360	
Stornoway	026	71718	80038	01511	784//	09727	83818	87625	
Benbecula	022	71611	82038	99710	25532	08740	82625	83362	87075
Tiree	100	71522	80031	99112	6547/	11848	82710	83619	86625
Aldergrove	917	81614	59626	00611	6547/	10751	81712	86636	88460
Malin	980	81417	62608	97911	864//	10755	86711	88645	
Belmullet	976	42212	80608	96911	454//	07728	82717	84635	
Birr	965	32016	81256	02010	13502	07715	81920	83070	
Dublin	969	62215	70216	01912	4563/	10742	84630	84358	
Shannon	962	72324	66808	02211	785//	09714	84822	86640	
Roches Point	952	12618	75259	06011	19400	08504	81914		
Valentia	953	62823	75256	06812	63500	09326	86920		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	09111	10	difdofFF	Rrro
Hurn	862	10131	12	roro	rRro
Thorney Island	871	12111	10	rrrodo	rorodororr
Manston	797	09091	08	rrororr	rrrorodorodoro
Gatwick	776	07092	09	rorordorododo	do-ror-dr-dR
Kew	775	09102	09	Rrroro	roroiroR
Heathrow	772	11102	10	drRirrorododo	dododo-dr-rR
Honington	586	06081	07	dororRroro	do-ro
Wattisham	590	04071	07	dororr	irododofdoro
Gorleston	497	05082	07	roro	roror
Aberporth	502	04111	09	iro	iroprorprtlr
Ross-on-Wye	627	97091	06	+	pro
Filton	628	00081	06	FFf	+
Rhoose	715	92091	05	pro	ropr
Chivenor	707	01111	10	iro	iropr
Mount Batten	827	02121	10	idoir	ir
St. Mawgan	817	96121	09	FFiro	iropro
Scilly	804	04132	10	+	lpR
Culdrose	809	03122	09	+	iropro
Guernsey	894	07131	12	rrroroiro	irorororr:
Elmdon	534	97101	09	ff	ffro
Cardington	559	04092	09	roro	doirrorr
Wittering	462	96091	09	dof	ffFFrorRdoro
Watnall	354	91091	09	dof	ffro
Shawbury	414	92091	07	+	rro
Finningley	360	97091	08	+	ro
Kilnsea	396	00090		+	+
Leeming	257	00091	08	ff	ffFF
Tynemouth	262	00091	07	+	+
Carlisle	222	04101	08	pRprpro	ro
Valley	302	05132	11	iro	rriropr
Ringway	334	96101	09	+	ror
Squires Gate	318	02101	08	ro	rorR
Ronaldsway	204	06121	11	pro	pRR
Mull of Galloway	131	03111			
Eskdalemuir	162	03071	04	proirofFF	proror
Prestwick	135	04082	05	pro	iroiR
Abbotsinch	140	02071	05	pro	iropr
Leuchars	171	95061	03	+	ror
Dyce	091	97071	02	ro	+
Lerwick	005	00071	04	+	+
Wick	075	94071	05	irororo	+
Sule Skerry	010	01081	06		
Cape Wrath	049	97081	06	pro	+
Stornoway	026	96091	05	pro	pro
Benbecula	022	01071	03	pro	ro
Tiree	100	07081	07	pRpro	irRror
Aldergrove	917	02091	07	+	roRr
Malin	980	94091	06		
Belmullet	976	14091	08		
Birr	965	02091	05		
Dublin	969	02111	08		
Shannon	962	11091	09		
Roches Point	952	15101	08		
Valentia	953	06101	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70328	17004	80224	97038	95603	894//	81313	83915	88630	05700	10806	30604	04908
B	99565	70510	17004	83319	97026	02703	854//	00227	88615	/////	0//52	10636	30605	/////
C	99514	70375	17004	72625	97216	00912	47420	12612	84810	87450	0//08	11223	30705	/////
D	99440	70410	17004	12413	98020	23817	18400	00304	81815	/////	0//16	11759	30403	/////
E	99351	70480	17003	50906	98031	26222	22502	00104	82820	840//	0//20	12280	30201	08703
I	99589	70190	17004	22422	99018	97009	00901	00303	82070	/////	05503	11140	31009	27805
J	99524	70198	17004	32930	97038	07811	39400	71230	83915	/////	0//05	11435	30807	99/08
K	99450	70157	17004	12622	96011	22517	15600	00105	81640	/////	0//14	11803	30603	30305
M	99660	10020	17004	32520	97158	01408	39500	00217	83920	/////	03206	10901	30506	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70331	17064	80219	98268	95303	884//	51504	83815	88630	0//52	10670	30503	04906
B	99565	70509	17064	83411	97227	02702	874//	00102	88715	/////	0//00	10636	30503	/////
C	99517	70370	17064	32735	97012	00709	35400	12301	83610	/////	0//05	11112	30907	/////
D	99440	70410	17064	32216	98020	20617	38400	00714	81815	/////	0//17	11758	30503	/////
E	99352	70480	17063	40905	98021	24522	22501	00806	82020	840//	0//19	12240	30000	08703
I	99589	70187	17064	62522	97808	95908	63400	00712	/////	/////	05505	11159	30606	28806
J	99525	70202	17064	72728	98038	06911	634/2	71807	82815	83918	0//05	11421	30807	28807
K	99449	70158	17064	12816	96028	23117	10400	00207	81816	/////	0//12	11788	30605	/////
M	99661	10021	17064	31820	97258	02808	29560	00400	82930	/////	05106	10804	30505	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40142

Date of Issue Monday 18 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 17 October 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	72817	69156	11615	48502	10303	84824	87073	
Hurn	862	72415	76038	12716	41532	10303	84820	86070	
Thorney Island	871	72514	82256	12316	28434	12000	82818	84360	85072
Manston	797	81816	44586	11913	872//	12718	82703	88704	
Gatwick	776	62415	70036	11917	58431	14603	83818	83650	
Kew	775	72410	78036	11016	785//	11504	85824	83650	
Heathrow	772	72411	81036	11016	785//	12604	84822	85650	
Honington	586	72012	58216	09613	6833/	13720	84707	84632	
Wattisham	590	82110	56216	10113	872//	13618	87704	88710	
Gorleston	497	81918	58626	10413	854//	13723	85714	88625	
Aberporth	502	52522	66039	09913	52500	07217	85820		
Ross-on-Wye	627	42615	81028	09814	32601	07304	83830		
Filton	628	52518	74038	11715	48502	08208	84828		
Rhoose	715	42720	68258	11415	32501	09211	83822		
Chivenor	707	52819	80018	12915	32531	09216	83826	83360	
Mount Batten	827	42919	74016	14615	32501	08214	83820		
St. Mawgan	817	42721	74038	14615	33460	07213	81915	83650	
Scilly	804	32723	66158	15815	33400	07217	83918		
Culdrose	809	52825	64018	14615	58400	09215	83815		
Guernsey	894	62719	78012	16016	48432	14107	83814	83650	85360
Elmdon	534	32316	68036	08514	22501	12710	82820		
Cardington	559	62320	66056	09816	68400	11608	86815	83635	
Wittering	462	22316	80016	08215	28410	10718	81818		
Watnall	354	52218	62026	06914	52500	10717	85820		
Shawbury	414	52620	74026	07815	58500	06301	81822	84825	
Finningley	360	42115	62216	05915	38430	11723	83818		
Kilnsea	396	71916	48216	07612	4567/	11726	84630	87360	
Leeming	257	61914	56216	03713	685//	11828	82824	85656	
Tynemouth	262	72020	48028	02712	6567/	10736	86630		
Carlisle	222	62016	66036	00614	59433	09825	81917	83820	
Valley	302	72434	80028	06014	725//	09320	87822		
Ringway	334	72419	80036	05914	725//	10508	87822		
Squires Gate	318	72426	75256	04513	734//	09615	81915	86630	
Ronaldsway	204	72427	81258	02313	725//	08500	87822		
Mull of Galloway	131	72034	80036	99112	726//	08503	87830		
Eskdalemuir	162	62015	64806	99711	633//	09726	81709	85919	
Prestwick	135	62312	62256	98212	694//	08713	81717	83918	
Abbotsinch	140	72013	70258	97512	794//	09618	81918	85822	87640
Leuchars	171	71614	62806	98011	783//	10642	81708	84818	87645
Dyce	091	81621	34616	98711	852//	11746	82705	84707	87709
Lerwick	005	71511	82031	01510	724/2	08724	87815		
Wick	075	81414	60212	97911	6547/	10744	83710	85625	88460
Sule Skerry	010	71613	81031	97111	55506	08745	85625	87270	
Cape Wrath	049	81414	81036	94210	865//	06756	88720		
Stornoway	026	81115	61636	93410	8092/	09744	88458		
Benbecula	022	61916	66806	91412	694//	09733	81914	83818	85640
Tiree	100	72124	80258	93213	53472	11818	81712	82916	83627
Aldergrove	917	72422	66808	99410	732//	09304	84705	85914	87620
Malin	980	72631	75808	97410	734//	08313	87918		
Belmullet	976	52724	80256	03012	535//	05224	84920		
Birr	965	72620	80808	07213	725//	07227	87820		
Dublin	969	42530	80021	03812	48500	07317	81820	83635	
Shannon	962	32524	82258	08514	32602	07225	83830		
Aoches Point	952	62720	80038	10713	33403	06115	83818	84067	81918
Valentia	953	62619	75038	10613	53502	07112	85924	85070	

OBSERVATIONS at 18h. 17 October 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	72510	77038	14211	48602	07215	81830	84645	85070
Hurn	862	42407	70011	15313	18541	07215	81825	84070	
Thorney Island	871	32413	80011	14914	18532	08216	81825	83070	
Manston	797	12308	80028	13911	12602	07222	81830		
Gatwick	776	62206	75038	14309	11602	07215	81830	86070	
Kew	775	62305	74038	13412	14604	07217	81640	86073	
Heathrow	772	42408	80028	13612	15502	08216	81625	84075	
Honington	586	12306	80021	11411	15602	07218	81635		
Wattisham	590	32610	75031	12111	21502	07322	82820		
Gorleston	497	32108	60016	10613	30930	10316	83360		
Aberporth	502	82116	74021	11011	1257/	08104	81820	85360	88468
Ross-on-Wye	627	52210	77021	11512	18542	07112	81825	83074	
Filton	628	72315	66028	13712	54548	07210	82820	83645	86270
Rhoose	715	62620	70038	12813	52502	07105	85824	83072	
Chivenor	707	72518	80038	13913	21632	06002	82830	83364	86078
Mount Batten	827	72615	80038	15814	48532	09204	82825	84640	87072
St. Mawgan	817	72311	69038	15512	38536	09202	81823	83645	86270
Scilly	804	62417	66258	15812	68400	11703	83818	86622	
Culdrose	809	72617	72031	16113	53431	09307	82915	84620	
Guernsey	894	62617	80028	18414	52402	09210	82818	84826	
Elmdon	534	62311	70018	10711	14638	05312	81635	83365	85275
Cardington	559	52213	66038	11911	10932	07214	81358	85070	
Wittering	462	32108	82031	10509	35600	06216	83645		
Watnall	354	32213	80141	09210	15783	06011	81656		
Shawbury	414	72413	78038	09611	28542	06108	81828	87075	
Finningley	360	32314	66031	07712	35600	07214	83640		
Kilnsea	396	42526	66021	07412	32571	08214	83820		
Leeming	257	72418	66808	05212	635/2	06217	81920	83825	85840
Tynemouth	262	32515	61021	02811	25530	07322	82625		
Carlisle	222	52212	82258	02810	39531	07114	81920		
Valley	302	72330	80031	07313	3257/	07000	83826	87360	
Ringway	334	52210	62258	08310	38533	08108	81820	83630	
Squires Gate	318	62420	70168	07012	43464	09208	81918	83822	
Ronaldsway	204	72221	80038	05012	48576	06107	83825	83650	87070
Mull of Galloway	131	62325	84038	02211	12642	06307	81830	83360	86705
Eskdalemuir	162	52219	70258	01908	59400	06123	81918	83628	
Prestwick	135	62618	65158	00511	594/2	06012	81916	83824	
Abbotsinch	140	62114	62808	99109	694//	05216	81715	81918	85822
Leuchars	171	12322	80018	96510	13460	06305	81710	81918	
Dyce	091	12013	80016	93910	14661	07619	81635		
Lerwick	005	81419	40636	92710	872//	09647	88703		
Wick	075	31816	84026	89111	18532	06628	81825		
Sule Skerry	010	71616	74016	88311	5254/	09735	85820	87360	
Cape Wrath	049	71803	85026	87509	784//	07723	82718	85820	87625
Stornoway	026	72113	70036	87209	784//	09617	83814	85628	
Benbecula	022	72734	75258	91309	5843/	06323	84816	83630	85362
Tiree	100	42526	74258	95210	33460	05221	83916		
Aldergrove	917	82316	75038	02310	4542/	06301	82712	83622	88462
Malin	980	72323	80258	98810	33432	07001	83918	83358	
Belmullet	976	82019	75608	98910	853//	08836	81709	83717	88638
Birr	965	82111	70608	05511	5567/	07718	85634	88459	
Dublin	969	82210	88038	05911	11572	06106	81822	83462	87070
Shannon	962	81814	74258	05211	5857/	09726	81820	85650	87459
Aoches Point	952	72221	80038	08113	764//	09721	87715		
Valentia	953	82221	62608	05113	5642/	10740	85717	88458	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	93161	037	pro	+
Hurn	862	01171	066	prpro	+
Thorney Island	871	01171	055	rrpro	+
Manston	797	92171		doro doro pro	+
Gatwick	776	06171	038	R-r-ro-pro	+
Kew	775	03171	048	Rrropro	+
Heathrow	772	02171	041	Rrropro	+
Honington	586	03171		iroRr	+
Wattisham	590	02161	027	dororoorr	+
Gorleston	497	07161	023	ir	l
Aberporth	502	97131	064	+	pro
Ross-on-Wye	627	91151	050	pro	+
Filton	628	97161	059	pro	jp
Rhoose	715	96151	056	pRpro	pro
Chivenor	707	93161	065	pro	pr
Mount Batten	827	97161	057	pro	pro
St. Mawgan	817	97151	068	pro	+
Scilly	804	01161	073	pr	pr
Culdrose	809	00150	083	+	+
Guernsey	894	97160	068	pro	+
Elmdon	534	91151	050	iropro	+
Cardington	559	06171	051	rrRroropro	+
Wittering	462	01161	052	doroRrro	+
Watnall	354	91151	051	ro	jp
Shawbury	414	92151	057	roorpro	jp
Finningley	360	97161	037	ro	+
Kilnsea	396	02150	036	iroir	+
Leeming	257	02141	034	iroirpro	proir
Tynemouth	262	01141	035	pr	+
Carlisle	222	03151	015	roproopr	pro
Valley	302	01151	047	pr	pro
Ringway	334	01151	028	rro	propr
Squires Gate	318	01141	033	Rrropropr	propr
Ronaldsway	204	91151	034	pro	+
Mull of Galloway	131	91131			
Eskdalemuir	162	07121	009	rroRpropr	prpro
Prestwick	135	04131	029	irpropR	pro
Abbotsinch	140	08131	017	prpRpro	pro
Leuchars	171	05141	012	rrpropr	pro
Dyce	091	04121	013	rorRro	+
Lerwick	005	05111	032	ro	rorr
Wick	075	05121	022	rrroro	roro
Sule Skerry	010	06122			
Cape Wrath	049	04111	018	iro	irpro
Stornoway	026	07112	003	irorr	rrroroR
Benbecula	022	05131	019	rrRpro	pro
Tiree	100	01131	011	rpro	propr
Aldergrove	917	02121	031	roprpro	proror
Malin	980	0513	036		
Belmullet	976	0213	030		
Birr	965	0114	045		
Dublin	969	9114	064		
Shannon	962	0214	050		
Aoches Point	952	9114	063		
Valentia	953	0214	022		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

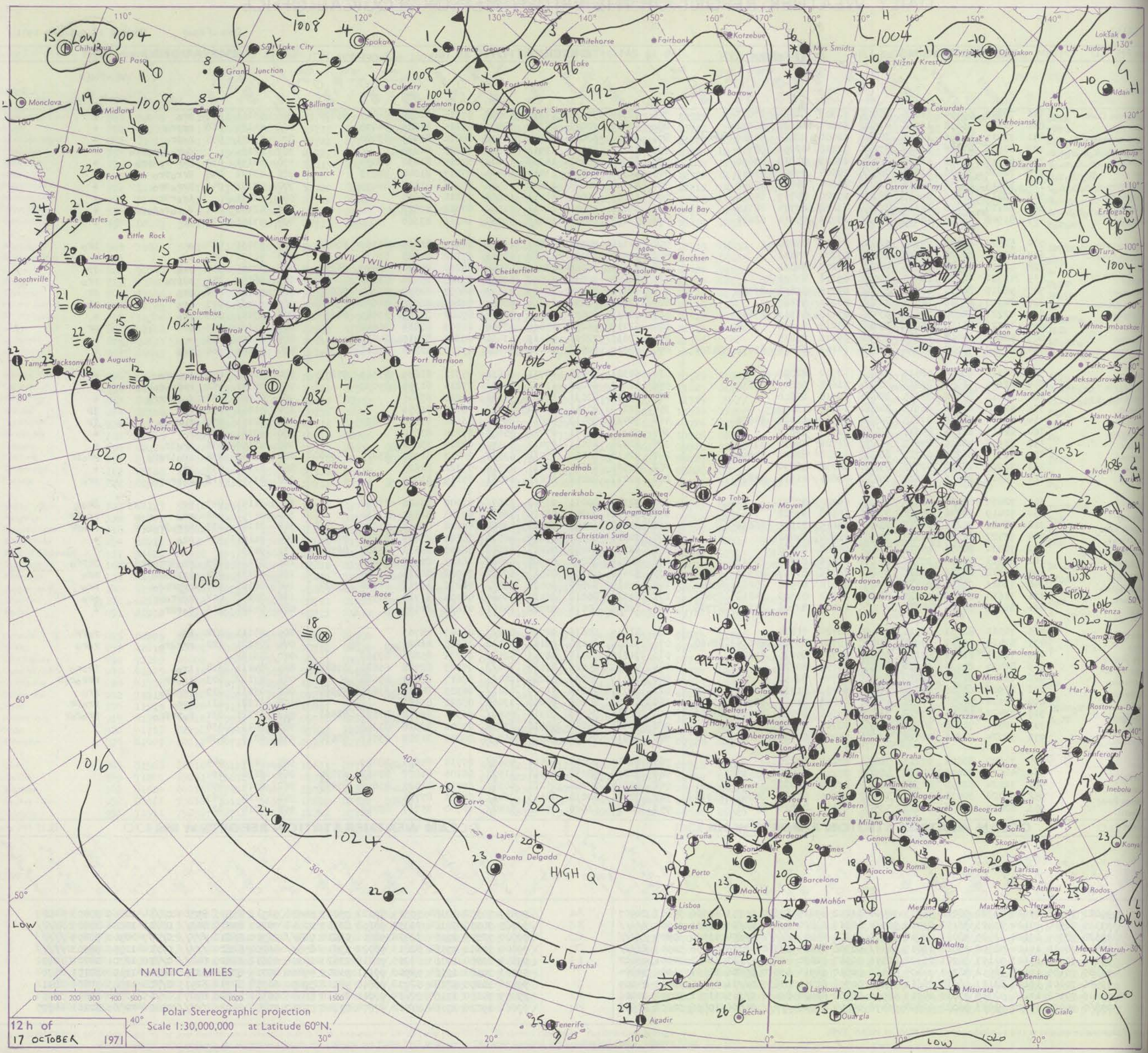
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_svsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70328	17124	70322	98022	96603	78400	11212	83815	87630	05753	10706	30603	04907
B	99565	70510	17124	73423	98152	03403	785//	00312	83820	87640	0//01	10636	30504	/////
C	99520	70359	17124	52529	98021	02010	58400	21103	84812	/////	0//04	11170	30809	/////
D	99440	70410	17124	72908	98026	19017	1147/	00306	81815	87360	0//16	11768	30503	/////
E	99348	70478	17123	71107	98021	25322	22576	00107	82820	850//	0//21	12267	30201	08802
I	99589	70185	17124	52512	98258	94409	53460	00810	81914	83820	05406	11121	31006	32804
J	99526	70201	17124	82123	96618	96611	4947/	00776	81710	83635	0//11	11405	30405	24009
K	99449	70158	17124	52319	97018	24717	58500	00502	82820	84656	0//15	11781	30702	30006
M	99660	10020	17124	71913	96022	02808	66478	00804	86718	/////	05006	10886	30202	20606

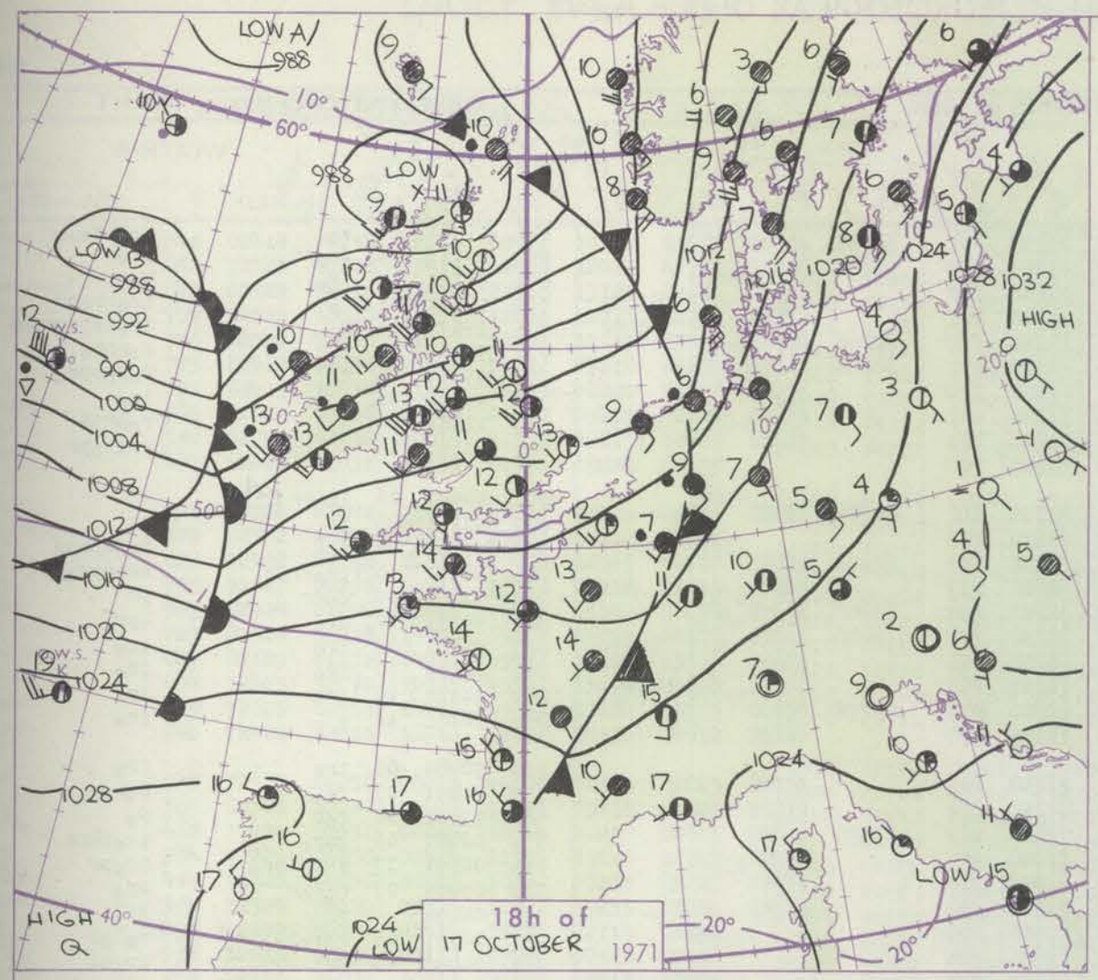
OCEAN WEATHER STATION REPORTS at 18h.

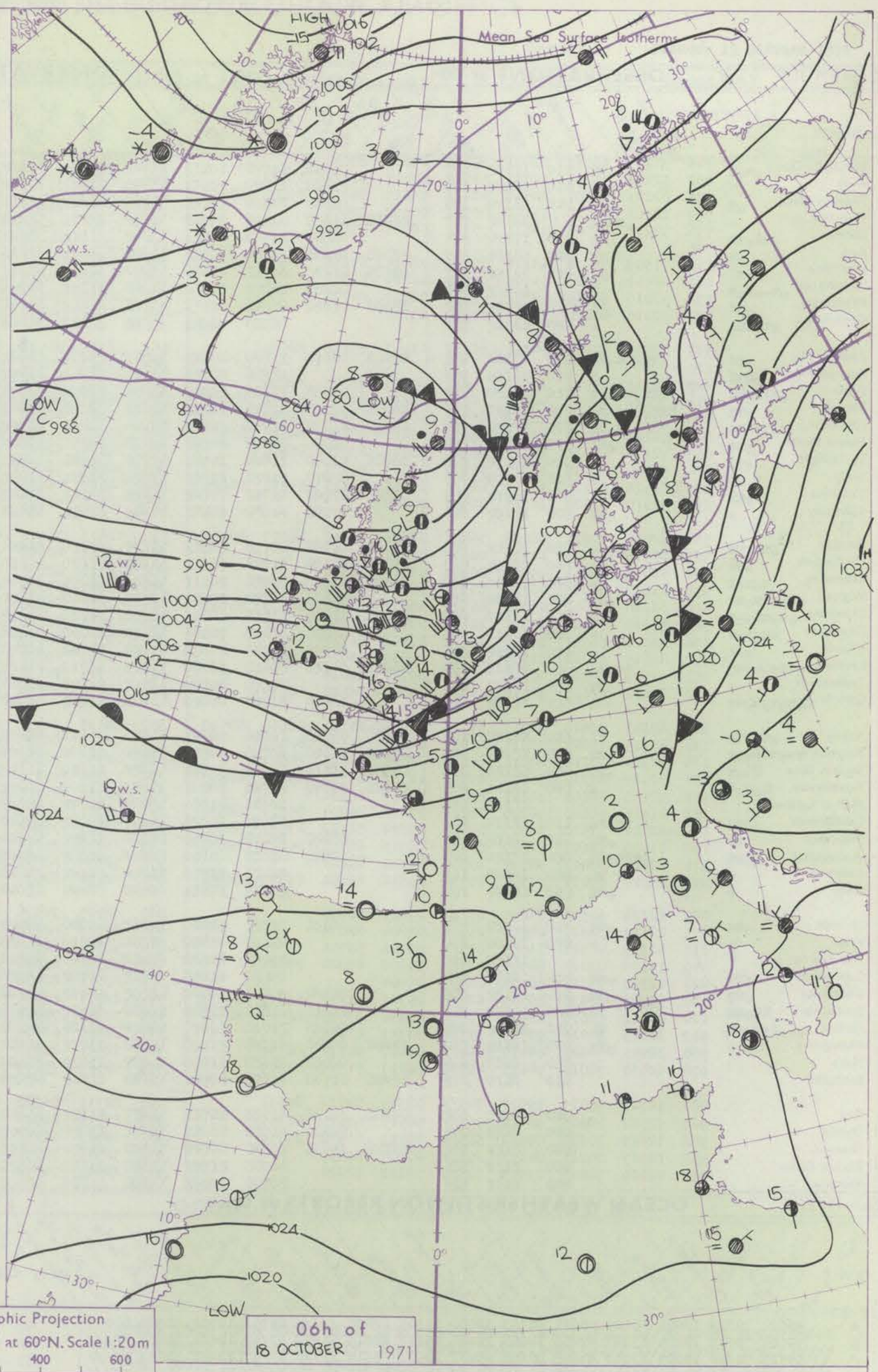
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_svsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	17184	70321	99022	95703	54530	51711	85825	85360	0//54	10669	30503	04007
B	99565	70510	17184	73331	98158	06703	42548	00220	84820	862//	0//01	10636	30607	/////
C	99520	70349	17184	72426	98802	00010	784//	21710	86810	/////	0//07	10940	30809	/////
D	99440	70410	17184	82813	98022	19616	855//	00204	88620	/////	0//14	11756	30503	/////
E	99349	70480	17183	41205	98018	23423	12508	00612	81820	842//	0//20	12301	30201	12702
I	99593	70183	17184	52906	99151	91409	59400	00714	82914	83818	05303	11158	30101	26704
J	99526	70200	17184	52738	96818	98012	59400	61318	82712	82915	0//08	11423	30809	26112
K	99449	70160	17184	72424	98018	24118	58506	00301	84828	87076	0//15	11798	30806	30204
M	99661	10020	17184	71512	97808	01108	59560	00708	85925	/////	05106	10885	30101	20605

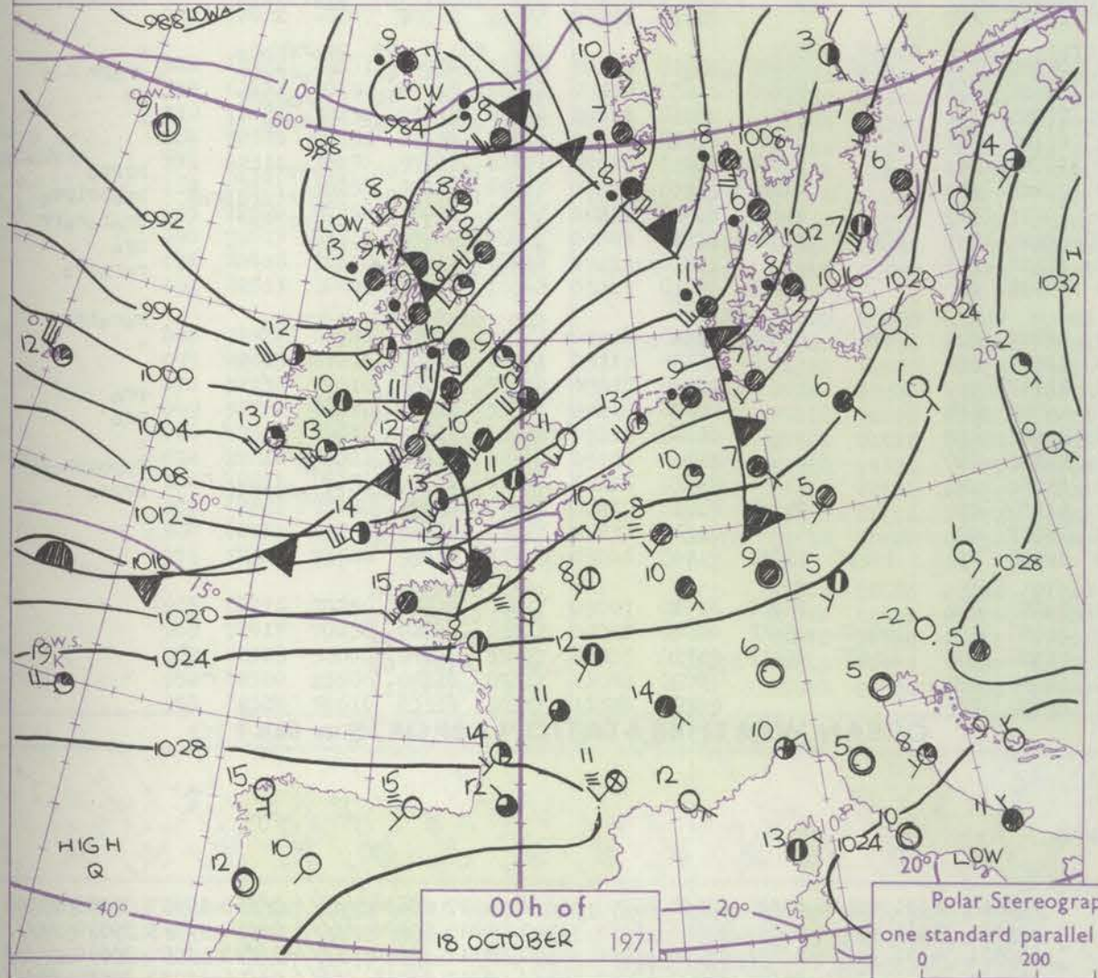
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 October 1971
Monday 18

The two troughs lying over the British Isles both moved away eastwards while a third trough, associated with a rapidly moving Atlantic depression, also cleared all districts. The low pressure area between Scotland and Iceland has deepened and a ridge of high pressure has extended eastwards from the Azores. As a result a strong zonal flow has been set up over the British Isles. During the next 24 hours this strong flow is expected to continue with some wave development on the trailing cold front affecting mainly southern districts of the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. — 18 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Boscombe Down	746	32217	66011	12411	35600	09819	83630		
Hurn	862	52114	75251	14013	58500	10717	82824	83640	
Thorney Island	871	82221	69601	14514	884//	10815	84818	85626	88650
Manston	797	22108	80020	15109	00901	07802	82075		
Gatwick	776	72212	75031	14511	757/2	09813	87656		
Kew	775								
Heathrow	772	71909	75031	13111	757//	08815	87656		
Honington	586	22012	78020	11709	00902	06809	82073		
Wattisham	590	42210	62030	12808	00901	06807	84075		
Gorleston	497	02116	60020	12111	00900	07202			
Aberporth	502	82030	64218	04312	855//	11743	85628	88640	
Ross-on-Wye	627								
Filton	628	72118	74031	10412	756//	09830	82645	87656	
Rhoose	715	72224	70031	09413	15536	09831	81625	83359	87275
Chivenor	707	82114	62601	10613	5557/	10724	85628	88460	
Mount Batten	827	72225	62258	13314	5843/	13818	82818	84628	87357
St. Mawgan	817	72112	69031	12313	785//	11721	83820	87650	
Scilly	804	52424	66038	13214	55500	11713	85625		
Culdrose	809	62528	62216	13114	684//	13718	82710	83818	86625
Guernsey	894	02324	81020	18013	00900	08809			
Elmdon	534	82015	70211	08010	7542/	08828	83616	86657	88460
Cardington	559	01915	62021	11410	00900	07814			
Wittering	462	52018	80031	09309	00904	07719	85072		
Watnall	354	81818	66031	06710	8097/	08825	84360	88462	
Shawbury	414	82110	40642	05711	6552/	08832	82624	83630	85645
Finningley	360	81912	69601	05610	8092/	07722	88464		
Kilnsea	396	62320	66031	07510	6097/	07811	86360		
Leeming	257	81815	62028	01309	1552/	06839	81626	88462	
Tynemouth	262	71920	74021	00110	756//	07727	87635		
Carlisle	222	81812	62618	97510	855//	08844	83620	88635	
Valley	302	82147	59618	98913	6542/	12761	81711	86618	88540
Ringway	334	81715	70601	03811	1567/	08834	81630	88460	
Squires Gate	318	81920	70218	00811	855//	09845	83625	88641	
Ronaldsway	204	82029	60216	96013	6542/	11762	83716	85625	88550
Mull of Galloway	131	82140	74608	92211	856//	08767	88630		
Eskdalemuir	162	81911	48628	96208	882//	07838	84705	85821	88630
Prestwick	135	82014	57618	93010	854//	09862	82713	83632	88650
Abbotsinch	140	81508	56658	92909	854//	08747	81712	84622	86638
Leuchars	171	22212	66010	94508	25500	05722	82620		
Dyce	091	82018	80031	93508	1577/	05812	81650	83359	88460
Lerwick	005	82226	62596	85608	872//	07629	88705		
Wick	075	22117	82020	88208	25601	05804	82636		
Sule Skerry	010	82337	48528	81609	873//	08741	88706		
Cape Wrath	049	72338	83028	84009	785//	04202	83820	87625	
Stornoway	026	02317	75018	88108	00900	05004			
Benbecula	022	62707	80038	89409	684//	05722	81712	83818	86637
Tiree	100	81912	62616	88909	7732/	08752	83708	86714	88537
Aldergrove	917	32015	70016	93309	35500	08753	83625		
Malin	980	82441	70628	88110	4642/	09667	84714	88530	
Belmullet	976	42530	78018	94512	43400	08217	81716	83919	
Birr	965	72317	75039	99610	785//	08304	84821	87631	
Dublin	969	72520	80606	98412	755//	08515	83620	86645	
Shannon	962	32423	70258	00912	38500	08213	81820	83630	
Roches Point	952	22525	70016	04113	25600	10307	82637		
Valentia	953	22620	70016	03913	22500	08212	82820		

OBSERVATIONS at 06h. — 18 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Boscombe Down	746	62519	74026	08214	58402	11508	83815	84632	
Hurn	862	72322	75038	10216	784//	13713	85819		
Thorney Island	871	72328	61216	10215	784//	13617	86813	86618	
Manston	797	72125	69211	09514	754//	11727	81616	83622	87650
Gatwick	776	72320	58616	09414	754//	12620	83710	86614	87620
Kew	775	52219	74016	07615	58400	11619	81714	83820	
Heathrow	772	72222	70216	07614	754//	12620	83618	85630	
Honington	586	22320	74016	04813	25400	09627	81619		
Wattisham	590	82616	58656	06711	6532/	10624	81706	86615	88550
Gorleston	497	81926	58616	04413	8097/	10744	88359		
Aberporth	502	52323	64038	05113	58400	10210	82818	83630	
Ross-on-Wye	627	12412	70016	05513	18500	09303	81825		
Filton	628	72718	62816	07712	734//	11501	83710	82917	86824
Rhoose	715	32630	66256	07014	32500	09502	83820		
Chivenor	707	72620	62816	08014	785//	12000	84826	87633	
Mount Batten	827	72524	59806	11416	784//	13302	83816	86630	
St. Mawgan	817	82425	62026	11115	884//	13306	81710	83812	88650
Scilly	804	52527	66028	12315	55500	13203	85623		
Culdrose	809	82628	60606	11915	883//	14500	82709	84820	88624
Guernsey	894	72531	63022	15614	754//	12705	87612		
Elmdon	534	12413	75016	04412	15500	07307	81627		
Cardington	559	52222	60808	05613	55600	10515	85644		
Wittering	462	22514	83036	03612	28400	08302	82815		
Watnall	354	02215	69028	02210	00900	09212			
Shawbury	414	52618	66808	02812	58500	07214	82820	83645	
Finningley	360	12416	78026	00311	15600	07504	81635		
Kilnsea	396	22527	66019	99511	28500	09718	82820		
Leeming	257	72423	69809	96912	795//	07301	81925	85830	
Tynemouth	262	72314	74138	93710	756//	07607	87630		
Carlisle	222	72618	62299	93910	69442	07304	81915	83820	85635
Valley	302	32433	74036	01113	38500	09212	82820		
Ringway	334	52318	68028	00911	53400	09211	81916	84640	
Squires Gate	318	62530	75036	98812	625//	09111	86827		
Ronaldsway	204	12426	80018	97111	19500	06210	81920		
Mull of Galloway	131	12330	84028	94311	12500	07215	81825		
Eskdalemuir	162	72322	74259	92808	785//	05303	85821	86632	
Prestwick	135	72625	75808	91910	734//	06323	83818	83924	85632
Abbotsinch	140	72419	75218	90809	754//	07323	81715	83622	86638
Leuchars	171	72430	66808	85708	784//	08531	86818	87645	
Dyce	091	72110	80036	85609	754//	07739	82618	85625	86640
Lerwick	005	82025	74606	82909	852//	05608	82705	88625	
Wick	075	62209	82031	85907	15631	05710	81635	83360	86075
Sule Skerry	010	52324	66018	82910	53400	08201	85915		
Cape Wrath	049	82332	83818	84109	885//	06501	86820	88625	
Stornoway	026	22512	80038	87307	28500	05305	81825		
Benbecula	022	22911	86031	88809	28500	03210	81820		
Tiree	100	72205	75016	89808	754//	07117	83619	87637	
Aldergrove	917	52420	66809	95609	59400	06214	83915	83630	
Malin	980	72621	80276	92210	734//	07314	87918		
Belmullet	976	42529	75259	96612	43400	04308	82715	83920	
Birr	965	22311	66028	01510	22500	08209	82821		
Dublin	969	22414	80018	00610	25700	07217	82656		
Shannon	962	32427	74258	02212	33500	09213	83924		
Roches Point	952	72518	75038	05912	784//	09114	82817	87630	
Valentia	953	22616	70018	05413	22500	09210	82825		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	02081	06	ro	$r_or$pro
Hurn	862	04111	09	pro$_p$R	pro
Thorney Island	871	91121	09	iro	ro$_r$
Manston	797	08091	05	ro	iro$_r$ro$_p$R
Gatwick	776	14072	04	ro	iro$_i$rprpro$_p$R
Kew	775	95101	07	ro$_r$	ro$_r$pro
Heathrow	772	95101	08	ro	ro$_r$o$_r$pro
Honington	586	97091	08	+	ir$_a$
Wattisham	590	12081	06	+	ro$_R$R1R
Gorleston	497	93101	06	+	rrir$_o$pr
Aberporth	502	04081	08	iro$_r$r p-l	+
Ross-on-Wye	627	05111	08	iR	+
Filton	628	17101	08	ro$_R$	Rro$_R$prpR
Rhoose	715	21111	10	iro$_r$rRR	RR1Rpro$_p$r
Chivenor	707	04121	09	ro$_r$r	pr
Mount Batten	827	03131	12	pro	Rpro
St. Mawgan	817	95121	09	iro	iro
Scilly	804	92141	10	pro	pro
Culdrose	809	91120	10	iro	iro
Guernsey	894	92121	12	+	iro
Elmdon	534	92081	05	iro	pro
Cardington	559	01091	07	ro	ro$_r$o$_r$pro
Wittering	462	93081	06	ro$_r$	ro
Watnall	354	02081	05	d$_o$r$_o$	pro$_p$Rpr
Shawbury	414	02091	07	rRro$_l$pro	pro$_p$r
Finningley	360	09091	07	ro$_r$o$_r$R	Rro
Kilnsea	396	04092		rr	Rt1
Leeming	257	02091	06	rpro$_t$o$_l$o$_r$	to$_l$o$_r$
Tynemouth	262	04092	05	pr	pro$_R$1
Carlisle	222	10081	07	ro$_R$t1rt1R	t1Rt1rpr
Valley	302	03121	09	pro$_r$rro$_r$o	+
Ringway	334	04091	08	rrro$_r$ro$_R$r	pro$_p$r
Squires Gate	318	01101	10	pro$_r$o$_r$o$_R$r	jp
Ronaldsway	204	01111	09	ro$_r$Rpro	+
Mull of Galloway	131	02091			
Eskdalemuir	162	16061	05	prrRRt$_o$r$_o$	prpro
Prestwick	135	17071	07	pro$_i$rro$_r$o$_p$ro$_l$	pro$_p$r1pro
Abbotsinch	140	09081	07	pro$_r$rRRpr	pro$_r$o$_r$o$_r$r
Leuchars	171	01071	04	pro	pro
Dyce	091	94071	04	+	ro$_r$o$_p$ro
Lerwick	005	01081	07	idrro$_r$	ro$_r$o$_i$ro
Wick	075	00061	05	+	+
Sule Skerry	010	06082	07		
Cape Wrath	049	03071	06	pro	pro
Stornoway	026	01052	02	pro	pro
Benbecula	022	00081	03	+	+
Tiree	100	11071	05	rro$_R$	rrphrpro$_p$r
Aldergrove	917	06082	06	ro$_r$o$_R$prt1R	prpro
Malin	980	08081	08		
Belmullet	976	08081	05		
Birr	965	09091	08		
Dublin	969	03091	07		
Shannon	962	10091	09		
Roches Point	952	04121	09		
Valentia	953	05121	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	$N_hC_lh_CC_MC_H$	D_sv_sapp	$8N_Ch_Ch_s$	$8N_Sh_Sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70329	18004	30120	98011	97303	38500	11305	82820	/////	05753	10707	30503	04007
B	99565	70511	18004	63343	97268	14002	22408	00242	82815	852//	0//52	10634	30608	/////
C	99523	70346	18004	82742	97606	98608	854//	22508	88610	/////	0//07	10902	30809	/////
D	99440	70410	18004	83114	97808	21714	4742/	00112	84810	88457	/////	11754	30503	/////
E	99349	70481	18003	40907	98021	24722	12502	00111	81820	840//	0//20	12302	30201	99/02
I	99591	70185	18004	10000	99020	91208	12400	61204	81818	/////	05603	11166	30000	99/03
J	99525	70199	18004	22832	96028	00912	29400	61210	82915	/////	0//08	11412	30909	99/12
K	99450	70159	18004	22521	97011	24818	28500	00002	81826	/////	0//14	11788	30805	/////
M	99660	10020	18004	11110	97011	97308	15500	00825	81630	/////	05106	10872	30101	99505

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_lh_CC_MC_H$	D_sv_sapp	$8N_Ch_Ch_s$	$8N_Sh_Sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70331	18064	83620	98031	95903	856//	51707	88636	/////	0//53	10657	30503	03006
B	99565	70511	18064	73044	97851	16101	72500	00215	87820	/////	0//54	10629	30710	/////
C	99521	70351	18064	22836	97016	99506	25400	00112	82610	/////	0//03	11007	30810	/////
D	99440	70410	18064	83316	98028	23412	874//	00213	88710	/////	0//06	11732	30504	/////
E	99348	70481	18063	11004	98011	23421	15500	00706	81625	/////	0//19	12255	30000	99/02
I	99590	70192	18064	22207	99030	90108	28400	00609	82818	/////	05604	11143	30301	99/03
J	99524	70202	18064	72532	96031	98312	784//	61718	83818	86625	0//09	11394	30808	23012
K	99448	70157	18064	52421	97031	23018	58500	00607	81826	84640	0//15	11786	30805	/////
M	99660	10020	18064	81614	96636	92808	6752/	00619	86720	/////	00007	10866	30202	99505

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40143

Date of Issue Tuesday 19 October 1971

Code FM 11.D

OBSERVATIONS at 12h. — 18 October 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	82414	74258	12015	6852/	10122	81820	86624	88460
Hurn	862	72323	60808	13417	52438	12024	82712	83820	85360
Thorney Island	871	62427	74016	13517	28508	13122	82820	86270	
Manston	797	72522	68028	11217	12606	10211	81830	87272	
Gatwick	776	82520	70038	12117	58507	11117	83825	83650	88270
Kew	775	82410	74038	10917	3577/	07218	83650	83362	88468
Heathrow	772	82419	70038	11116	14537	08220	81628	88275	
Honington	586	62520	70036	08115	21505	09216	82825	86275	
Wattisham	590	62722	62036	08915	21502	10215	82825	86075	
Gorleston	497	62020	61031	07715	60970	09224	86359		
Aberporth	502	82220	61802	08214	5342/	11010	83815	84615	81965
Ross-on-Wye	627	82312	66021	09215	855//	10115	88625		
Filton	628	72322	64158	10916	684/8	12015	81712	83815	85635
Rhoose	715	72527	60258	10216	2841/	13214	81818	87465	
Chivenor	707	82424	61258	12016	7842/	14109	86814	87622	88462
Mount Batten	827	82520	56038	14716	853//	14007	83708	85625	88640
St. Mawgan	817	82325	61031	14316	6547/	13110	83710	86622	
Scilly	804	72423	57012	14715	4552/	13004	84620	87458	
Culdrose	809	72625	60056	14416	6543/	14110	81715	86630	87360
Guernsey	894	72428	62216	18316	4547/	14110	84612	86360	
Elmdon	534	72523	64258	08015	48506	08119	83825	87272	
Cardington	559	82321	62038	08815	11517	09115	81825	88270	
Wittering	462	72420	82031	06815	68505	08220	84825	83640	86075
Watnall	354	62320	64258	05514	21573	09116	82828	85075	
Shawbury	414	72820	69038	06915	38508	07223	83825	87875	
Finningley	360	32524	74010	03515	11601	09215	81830	83075	
Kilnsea	396	42632	66030	02614	31570	02115	83820		
Leeming	257	32619	62258	01113	39500	08316	82920		
Tynemouth	262	22625	74008	96713	22600	08213	82830		
Carlisle	222	72422	66008	98712	725//	08222	87820		
Valley	302	62332	69031	04714	11576	10115	81820	83465	86270
Ringway	334	62422	70038	04715	38532	09219	83825	85070	
Squires Gate	318	72428	70258	03315	48506	10122	83822	86275	
Ronaldsway	204	52323	68031	01414	31631	09114	83830	84075	
Mull of Galloway	131	42331	74030	97513	12501	07110	81825	84075	
Eskdalemuir	162	62321	66258	97410	694//	07121	83919	83822	
Prestwick	135	72520	67258	96011	6346/	08216	81814	85922	
Abbotsinch	140	72013	65218	93810	704//	09003	82712	83820	86628
Leuchars	171	22418	78018	92912	18530	07216	81825		
Dyce	091	62513	80028	91511	18542	05229	81820	85070	
Lerwick	005	72422	80028	82409	734//	07704	83912	83815	85640
Wick	075	42615	87011	88510	38541	05219	82820		
Sule Skerry	010	52730	74018	85810	53500	07217	85920		
Cape Wrath	049	52722	83018	87510	53500	04218	85920		
Stornoway	026	42520	84038	90411	42500	05216	84824		
Benbecula	022	22812	86021	92311	28530	05120	81821		
Tiree	100	42811	84038	93711	48400	07234	83818		
Aldergrove	917	62521	75158	98914	59402	08219	81915	84820	
Malin	900	62531	81258	96112	634//	08230	86918		
Belmullet	976	72320	75508	99412	734/2	09006	82717	85021	81921
Birr	965	82215	70258	03614	804//	09007	82716	88634	
Dublin	969	72417	70258	02914	635/2	09013	85820	83630	82920
Shannon	962	82325	58608	04012	53477	10205	82712	83630	85458
Roches Point	952	82320	25586	06514	873//	13002	88706		
Valentia	953	82324	50616	03914	863//	13024	88709		

OBSERVATIONS at 18h. — 18 October 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	82520	58602	11915	854//	13203	85712	88630	
Hurn	862	82216	56216	13916	854//	13105	85713	88625	
Thorney Island	871	82321	64032	14416	884//	13103	83814	88620	
Manston	797	82220	61032	13315	6547/	12209	82618	85632	88459
Gatwick	776	82321	56608	13015	854//	13206	84615	88620	
Kew	775	82213	66038	11916	854//	13207	82717	86620	87635
Heathrow	772	82219	75028	11616	6542/	13206	81616	85619	88460
Honington	586	82313	66212	09314	855//	13105	85623	88650	
Wattisham	590	82513	62606	10114	855//	13105	85620	85630	88656
Gorleston	497	82113	60622	09515	856//	12210	88630		
Aberporth	502	82126	56608	06315	7542/	13606	84712	87640	88458
Ross-on-Wye	627	82314	57636	08415	874//	13702	88710		
Filton	628	82215	59606	10915	854//	12702	82714	88629	
Rhoose	715	82424	58608	10015	7547/	12501	87618	87358	88462
Chivenor	707	72426	59216	10916	6843/	13705	81710	83818	85628
Mount Batten	827	82328	48606	13515	852//	14706	87705	88620	
St. Mawgan	817	82220	61022	12415	6547/	13711	84711	86619	88460
Scilly	804	72323	56012	12415	5547/	13713	85619	87458	
Culdrose	809	82425	56052	13115	854//	14707	82710	84716	88620
Guernsey	894	82323	62022	17915	56437	13201	85714	88270	
Elmdon	534	82315	62212	07514	7532/	13505	81708	84710	86625
Cardington	559	82118	61606	09415	854//	13105	82712	87620	88625
Wittering	462	82309	58636	07813	6532/	11105	83708	85618	88530
Watnall	354	82011	19638	06212	5732/	12001	85706	88522	
Shawbury	414	82416	61618	05714	6542/	12808	83712	86618	88458
Finningley	360	82114	62616	04812	2562/	10207	82630	88550	
Kilnsea	396	82530	65606	04713	6747/	09006	86715	88460	
Leeming	257	82415	74608	01912	1557/	09601	81625	83360	88465
Tynemouth	262	72510	66028	99812	7097/	07106	87358		
Carlisle	222	82311	62038	99512	2042/	09000	81715	88460	
Valley	302	82230	23636	02215	872//	14820	81703	83706	88708
Ringway	334	81811	40636	04612	4522/	10708	82704	83630	88458
Squires Gate	318	82015	59618	03412	4542/	11705	83710	83619	88550
Ronaldsway	204	82114	59606	00913	7542/	10505	82715	87645	88460
Mull of Galloway	131	62340	74022	97612	6098/	09716	86360		
Eskdalemuir	162	72209	66258	99109	725//	07003	87822		
Prestwick	135	71804	62052	97411	68538	09803	81823	85636	
Abbotsinch	140	72209	70258	96810	44402	09106	83818	87075	
Leuchars	171	32311	82021	96109	28532	07124	81825		
Dyce	091	22406	82018	94806	24500	03221	82625		
Lerwick	005	72630	69258	86008	734//	06229	83910	85630	
Wick	075	22511	89011	91906	28530	02216	81822		
Sule Skerry	010	42719	81028	89609	43500	06213	84925		
Cape Wrath	049	52720	83038	90708	53500	05214	85920		
Stornoway	026	52106	80038	91605	5853/	04001	82820	84630	
Benbecula	022	52212	86258	91510	48402	06711	81816	83635	
Tiree	100	52213	80258	93110	49402	07811	81915	83635	
Aldergrove	917	82112	62022	97711	6547/	09715	84712	86620	88459
Malin	900	71916	80808	95311	785//	09712	85820	85640	
Belmullet	976	82322	65256	96013	6642/	10708	82714	86718	88458
Birr	965	82209	66616	99714	7742/	13722	85713	85635	88458
Dublin	969	82315	59608	99813	3742/	12818	83714	88557	
Shannon	962	82219	35636	99814	873//	14718	84707	86711	87715
Roches Point	952	82231	25586	03115	873//	14715	88706		
Valentia	953	82315	30656	01615	862//	14509	88705		

OBSERVATIONS during DAY

Station	iii	RRT T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91171	012	pr_o	r_or_o
Hurn	862	97181	026	pr_o	r_o
Thorney Island	871	97181	026	+	r_o
Manston	797	96181		$pRpr_o$	+
Gatwick	776	97171	015	pr_o	pr_oir_o
Kew	775	97181	028	pr_o	r_o
Heathrow	772	97191	031	pr_o	ir_o
Honington	586	93161		+	r_or_o-r_o
Wattisham	590	92161	022	ir_o	ir_o
Gorleston	497	92162	042	+	irr_or_o
Aberporth	502	03151	000	pr_oir_orr	ir_o
Ross-on-Wye	627	04161	017	r	irr_o
Filton	628	05171	012	r_oRrr_orRr	rr_oRir_o
Rhoose	715	04161	009	pr_oprr_oirR	pr_o
Chivenor	707	97171	003	pr_or_o	ir_opr_o
Mount Batten	827	97161	015	ir_o	ir_o
St. Mawgan	817	97161	002	+	ir_o
Scilly	804	00161	001	+	jp
Culdrose	809	97161	000	+	ir_o
Guernsey	894	94171	000	ir_o	+
Elmdon	534	03151	017	pr_or_or	rr_oir_o
Cardington	559	97171	017	+	ir_o
Wittering	462	01161	048	+	r_or_or
Watnall	354	06151	044	pr_o	$pr_orrr_or_o$
Shawbury	414	07151	025	pr_o	$r_orRr_or_o$
Finningley	360	01161	066	+	r_or_orR
Kilnsea	396	91151	073	+	ir_o
Leeming	257	01141	036	pr_opr	$pr_or_orir_o$
Tynemouth	262	97141	073	pr_o	+
Carlisle	222	93131	035	pr_o	$pr_or_or_or_or$
Valley	302	05152	023	ir	rrr_or_o
Ringway	334	19152	020	pr_o	r_orrRr_orr
Squires Gate	318	05152	030	pr_o	r_orR
Ronaldsway	204	02151	047	+	r_or_oR
Mull of Galloway	131	91131			
Eskdalemuir	162	01111	013	pr_opr	pr_o
Prestwick	135	93141	028	pr_o	jp
Abbotsinch	140	05131	030	pr_opRrr	pr_o
Leuchars	171	00141	064	jp	+
Dyce	091	97131	029	pr_o	+
Lerwick	005	95111	025	pr_o	pr_o
Wick	075	00121	072	+	+
Sule Skerry	010	03111			
Cape Wrath	049	97101	055	pr_o	pr_o
Stornoway	026	96122	072	pr_o	pr_o
Benbecula	022	04121	056	+	pr_opR
Tiree	100	92131	057	jp	$pr_oprt_ol_o$
Aldergrove	917	91141	047	pr_o	+
Malin	900	0313	035		
Belmullet	976	0114	012		
Birr	965	0714	015		
Dublin	969	0314	022		
Shannon	962	1915	005		
Roches Point	952	0115	000		
Valentia	953	1615	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

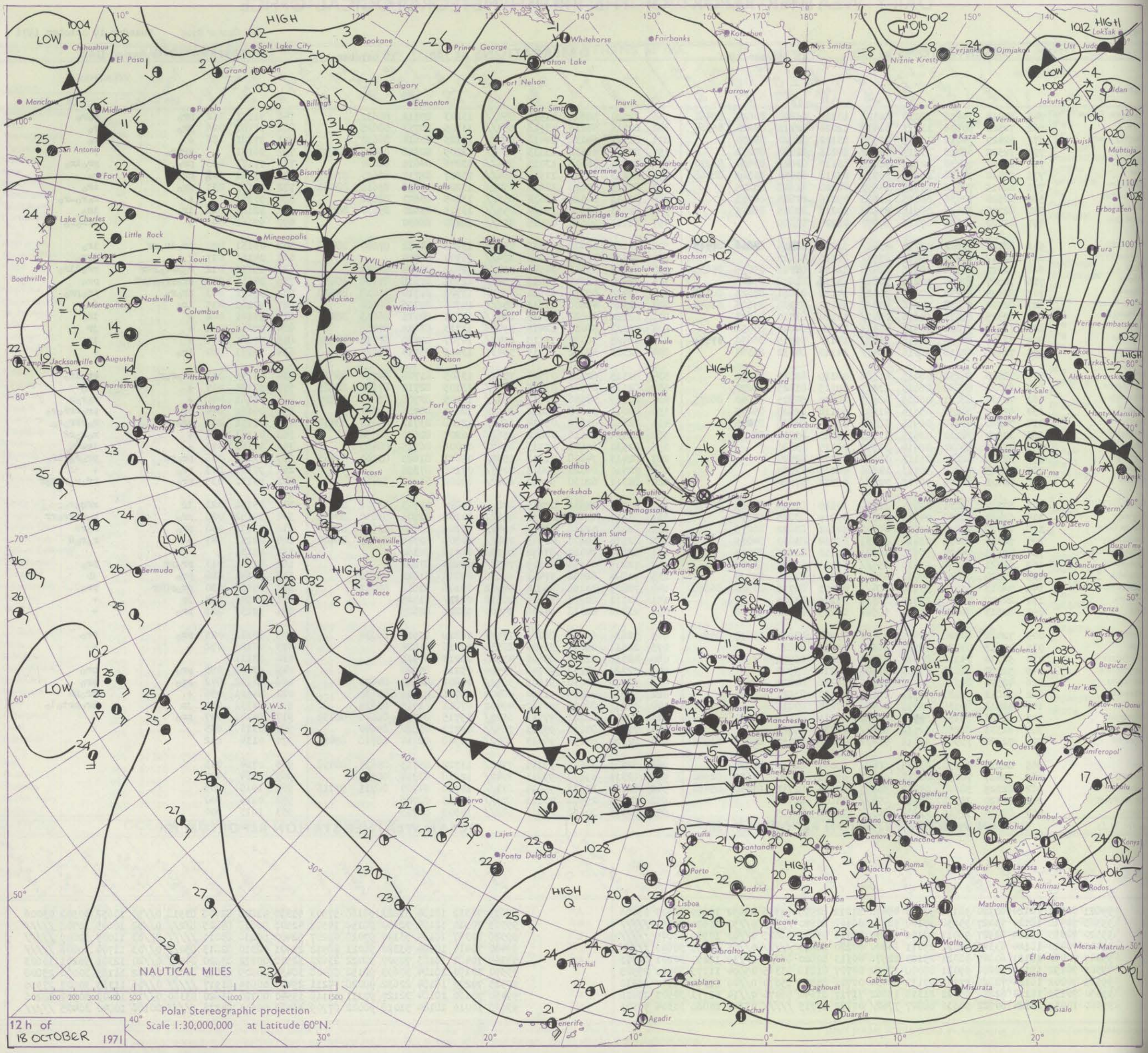
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70331	18124	60120	98152	97603	49470	81212	82915	85356	05652	10609	30503	03006
B	99565	70510	18124	73027	95858	17100	725//	00108	87820	/////	0//53	10621	30700	/////
C	99520	70355	18124	62927	98017	02106	60400	00116	83812	86625	0//03	10949	30809	/////
D	99440	70410	18124	63326	98022	27011	64400	00220	86615	/////	0//05	11755	30606	/////
E	99347	70480	18123	60807	98021	25123	22576	00113	82820	860//	0//19	12250	30201	08703
I	99589	70192	18124	70000	99021	89008	12452	00707	81818	83365	05604	11179	30000	25905
J	99525	70202	18124	72826	97158	97112	33434	00706	81915	85070	0//06	11386	30807	25010
K	99450	70159	18124	62226	98012	21318	15602	71717	81640	86076	0//14	11773	30905	29206
M	99660	10019	18124	80922	96636	88807	7742/	00722	87715	/////	05206	10888	30304	99505

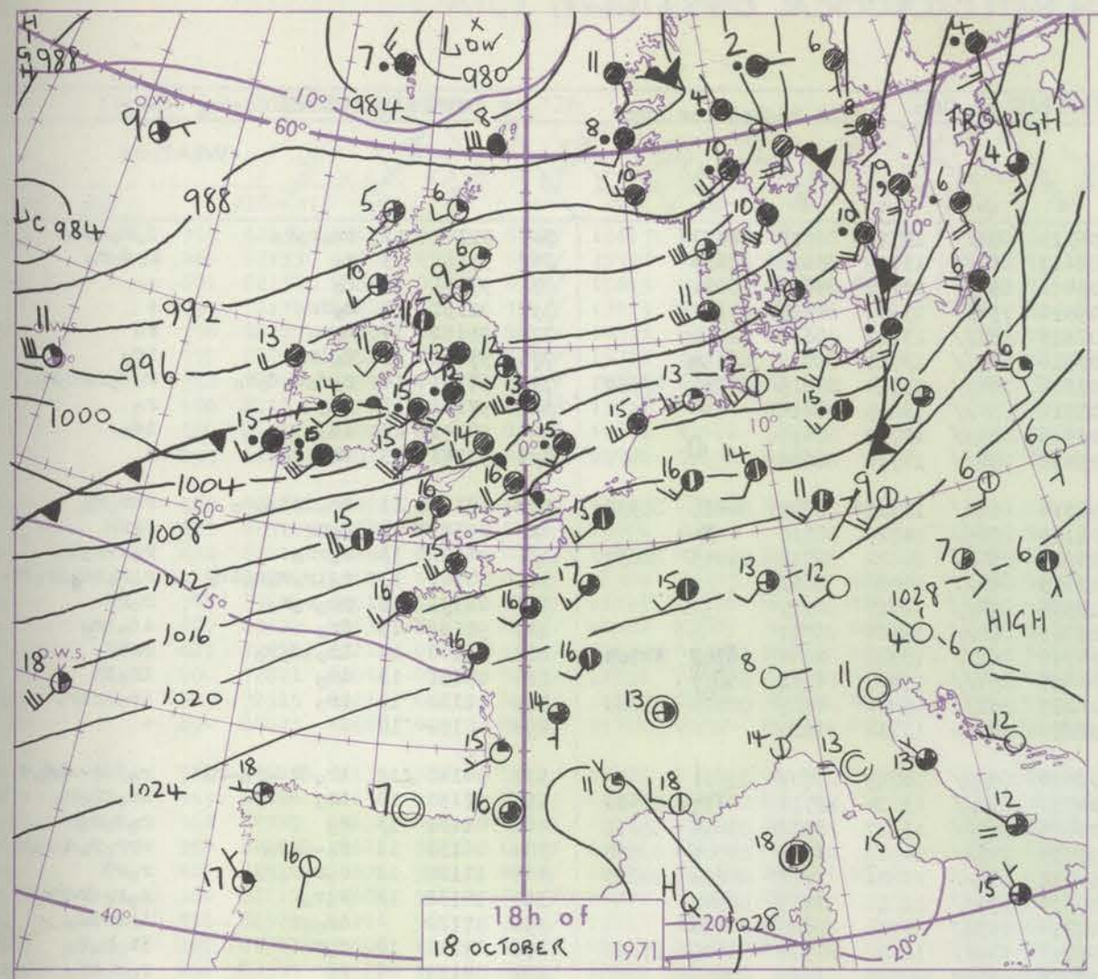
OCEAN WEATHER STATION REPORTS at 18h.

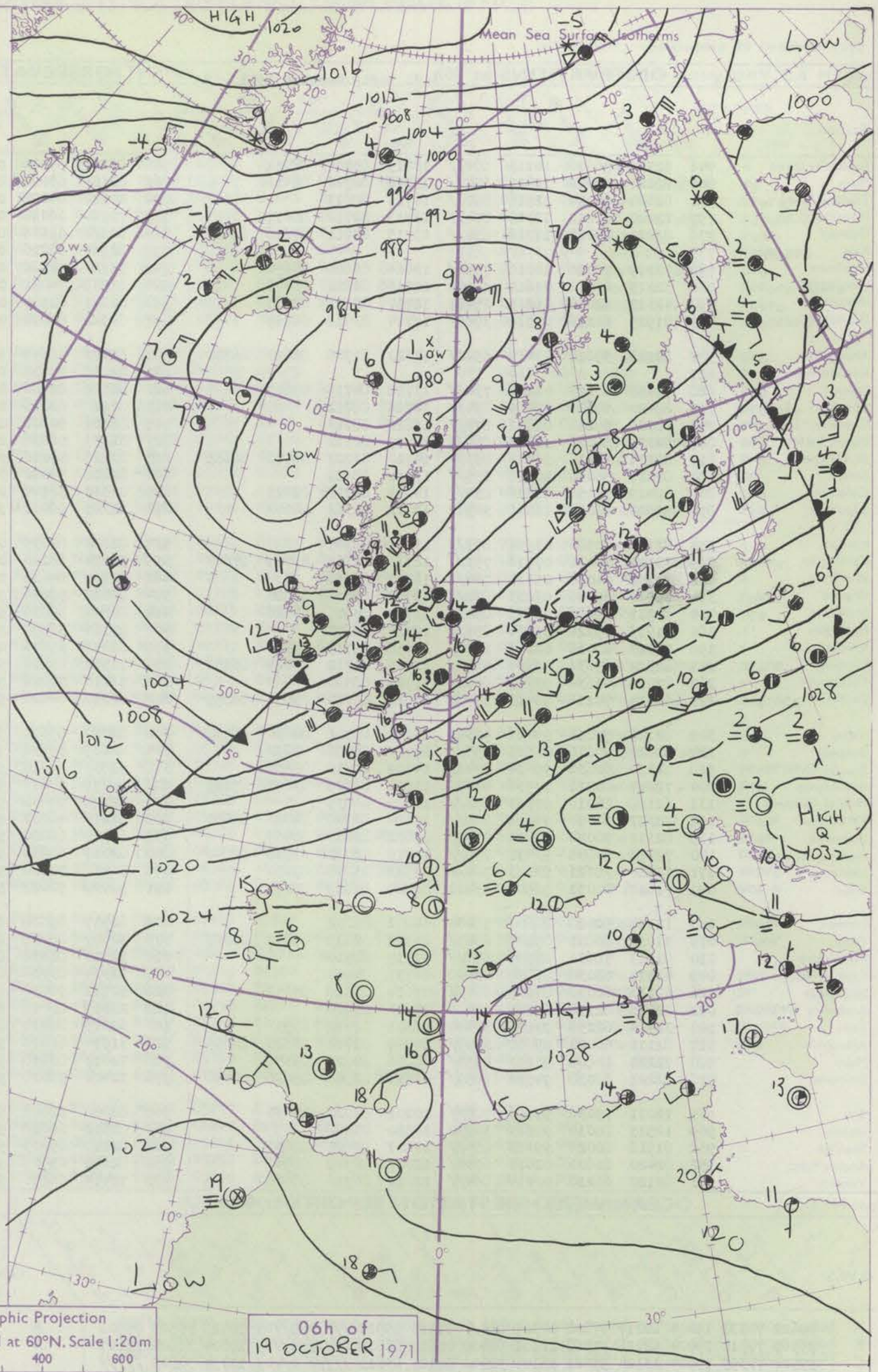
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	18104	53621	98160	97503	59330	41808	82708	83918	0//50	10652	30503	03006
B	99565	70510	18104	72830	98158	14502	42506	00618	84825	8/2//	0//52	10605	30708	/////
C	99526	70367	18104	53140	97028	09207	52400	00236	85810	/////	0//03	11005	30809	/////
D	99440	70410	18104	53320	98021	28512	21401	00310	82815	850//	0//03	11704	30606	/////
E	99349	70482	18103	70907	98022	23622	32508	00612	83820	842//	0//20	12309	30201	10603
I	99590	70190	18104	50603	98152	86408	30434	00609	83815	84070	05602	11165	30000	25008
J	99525	70200	18104	22632	98028	94211	29400	00814	81917	/////	0//06	11383	30807	27910
K	99450	70160	18104	32127	97211	17118	15540	00720	81620	83360	0//16	11802	30907	28206
M	99660	10016	18104	51018	96022	87709	46460	00603	84715	/////	00106	10840	30405	/////

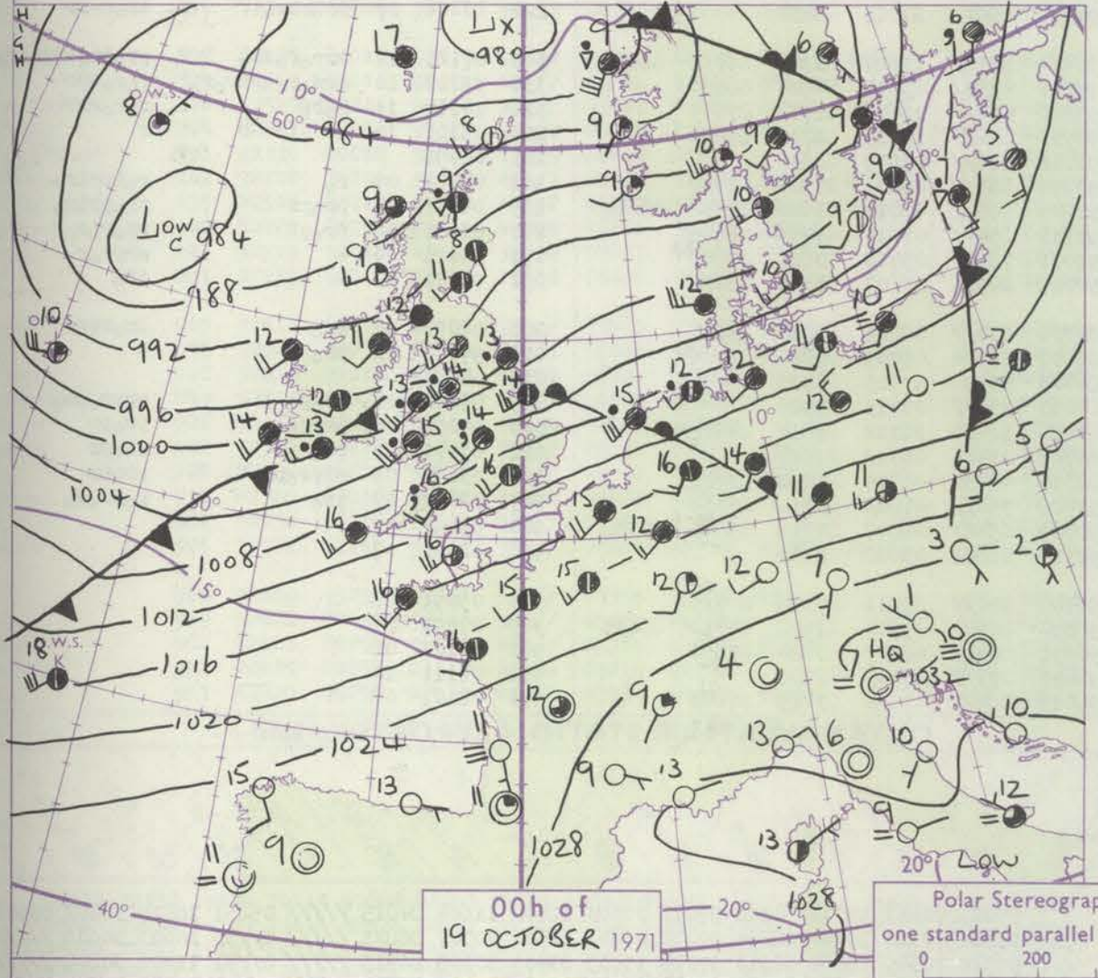
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 19 October 1971

The low near the Faeroes moved very slowly northeast with associated frontal troughs orientated east/west across southern England held up by minor wave depressions. A mid Atlantic low moved northeast and is expected to amalgamate with the parent low north of the Shetlands, at the same time introducing a fresh northwesterly flow to the east Atlantic and eventually over the British Isles. During the next 24 hours high pressure will be maintained from the Balkans to the Azores, with a low to the north of the British Isles and a fresh west to northwest airstream transferring the frontal trough southeastwards into the Continent.

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

Code FM 11.D

OBSERVATIONS at 00h. — 19 October 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	82322	56606	10115	873//	13715	83708	88711	
Hurn	862	82220	65026	11817	854//	13816	82710	88616	
Thorney Island	871	82324	66026	12516	854//	14716	88613		
Manston	797	82220	66212	12315	854//	13713	82712	88617	
Gatwick	776	82220	65026	11716	854//	13715	82712	86616	88630
Kew	775								
Heathrow	772	72219	70016	10016	755//	13815	86620	87650	
Honington	586	32219	66016	07615	15502	12716	81622	83075	
Wattisham	590	42317	62016	09115	25401	12710	82618	83075	
Gorleston	497	81925	60216	07715	3742/	12714	83718	88559	
Aberporth	502	82128	59612	03415	6522/	14620	81705	85620	88538
Ross-on-Wye	627								
Filton	628	72118	66216	08215	754//	13718	84715	87625	
Rhoose	715	82420	59606	08015	874//	14716	88712		
Chivenor	707	82326	58618	08816	874//	15812	88713		
Mount Batten	827	82331	58026	11315	864//	14817	88712		
St. Mawgan	817	82124	59216	10016	853//	14720	83707	86710	88615
Scilly	804	82225	56026	10116	855//	15716	88621		
Culdrose	809	82429	50056	11015	854//	14814	86712	88625	
Guernsey	894	52325	66012	16016	30932	13812	83362	84070	
Elmdon	534	82118	60586	04914	873//	13817	88707		
Cardington	559	72121	74036	07716	753//	12716	83709	83715	87644
Wittering	462	72122	74036	05515	754//	11717	87616		
Watnall	354	81916	59046	03013	853//	12722	85706	88620	
Shawbury	414	82211	69606	02515	854//	13725	84616	88626	
Finningley	360	81913	69026	01314	857//	12720	88650		
Kilnsea	396	72327	66016	02214	2747/	12718	82715	87360	
Leeming	257	82310	69636	99514	5542/	12616	82712	84625	88556
Tynemouth	262	82012	61636	97711	8062/	11720	88530		
Carlisle	222	62314	74216	96413	35402	11617	81710	83650	86075
Valley	302	82125	59616	99413	4532/	13612	81706	84630	88550
Ringway	334	82020	59606	00515	855//	12724	84620	88630	
Squires Gate	318	82320	62636	99614	3742/	14619	82712	88556	
Ronaldsway	204	72217	80016	97914	48278	13610	81705	83623	87275
Mull of Galloway	131	62128	80018	95713	656//	10000	86635		
Eskdalemuir	162	72317	61056	95411	783//	10624	83708	84820	86650
Prestwick	135	82312	70028	94812	4842/	09612	82818	88459	
Abbotsinch	140	72116	60808	93411	794//	10719	82712	81916	87640
Leuchars	171	72210	75021	93311	784//	09722	85818	87650	
Dyce	091	71610	80031	92508	35401	06824	83619	87070	
Lerwick	005	12314	82028	88608	18400	04002	81812		
Wick	075	71812	86001	89109	6843/	06725	82818	85642	87360
Sule Skerry	010	81913	58636	87909	874//	07719	88710		
Cape Wrath	049	42310	83038	85809	43500	06737	84920		
Stornoway	026	62116	66038	87209	684//	07614	83816	85642	
Benbecula	022	22420	82158	88010	23400	07706	81918		
Tiree	100	32414	82259	91109	33400	06301	81712	83918	
Aldergrove	917	82111	66022	95811	3547/	10709	81710	83620	88459
Malin	980	72224	80808	93111	4253/	08806	84820	85359	
Belmullet	976	82221	68038	94512	6857/	08713	82820	85636	88450
Birr	965	72011	75036	99112	785//	10001	82820	87633	
Dublin	969	12515	80016	98113	10930	10510	81358		
Shannon	962	81916	80026	99113	855//	10807	84627	88633	
Roches Point	952	82420	60606	02413	6732/	12007	86709	88546	
Valentia	953	82120	66216	00414	864//	12811	86716	88626	

OBSERVATIONS at 06h. — 19 October 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	82229	59026	06315	854//	13719	86713	88620	
Hurn	862	82123	65022	08617	854//	13719	83615	88630	
Thorney Island	871	82124	64022	09416	854//	13717	84617	88624	
Manston	797	72124	66036	09916	754//	13608	84615	87630	
Gatwick	776	82224	61606	08815	854//	13717	86616	88622	
Kew	775	82117	69216	07516	854//	13711	86715	88618	
Heathrow	772	72120	62586	07316	754//	13714	83615	85620	87630
Honington	586	82219	74021	05916	854//	13605	88618		
Wattisham	590	82321	62505	06515	854//	12712	88615		
Gorleston	497	81922	60022	05416	856//	12716	88635		
Aberporth	502	82023	48655	98914	6522/	13731	83705	85615	88530
Ross-on-Wye	627	82121	57606	01115	874//	14725	88710		
Filton	628	82122	62606	03915	854//	14622	83710	84615	88635
Rhoose	715	82120	62216	03415	854//	14728	88612		
Chivenor	707	82223	50606	03516	874//	14727	88713		
Mount Batten	827	82231	56606	06815	864//	15724	88711		
St. Mawgan	817	82026	59026	04716	862//	15727	82704	85707	88709
Scilly	804	82228	58022	04815	854//	15725	84712	88621	
Culdrose	809	82333	56106	06215	852//	15626	84705	86708	88620
Guernsey	894	22325	66011	12816	15530	13714	81620		
Elmdon	534	82122	60635	01414	853//	14719	83708	88611	
Cardington	559	72124	66216	04717	754//	13814	83711	84715	87624
Wittering	462	82120	64616	02415	854//	13817	83711	86614	88618
Watnall	354	82018	58636	99614	7722/	14818	83704	85706	88520
Shawbury	414	82307	66616	99412	854//	11821	81712	84614	88620
Finningley	360	82106	56596	99513	3742/	12810	83715	88540	
Kilnsea	396	82616	61638	00214	5552/	14703	85620	88460	
Leeming	257	71912	85606	97114	754//	11808	83714	85618	87656
Tynemouth	262	52010	74026	95013	2551/	08716	82625	85458	
Carlisle	222	82110	66626	94911	856//	10711	88630		
Valley	302	82027	59608	96414	5732/	13724	82708	85711	88650
Ringway	334	82205	56636	99211	4552/	09814	84624	88550	
Squires Gate	318	71813	68616	97312	754//	11616	81712	87649	
Ronaldsway	204	82019	65616	94913	854//	11725	82712	88626	
Mull of Galloway	131	82328	74602	93711	856//	09609	88630		
Eskdalemuir	162	82215	48602	93910	853//	09616	85707	88630	
Prestwick	135	81910	68008	92709	895//	07711	81020	82932	88640
Abbotsinch	140	82017	68608	91511	854//	07615	81715	88645	
Leuchars	171	72118	70808	91011	785//	09713	83025	87645	
Dyce	091	52409	70021	90008	20931	05607	82360	85070	
Lerwick	005	62417	69808	84308	634//	06624	84910	85620	
Wick	075	52007	86038	86007	55500	05709	85628		
Sule Skerry	010	52513	81038	04409	53500	07705	85925		
Cape Wrath	049	72314	83038	84010	735//	06715	87920		
Stornoway	026	52113	70038	85008	58400	06712	83814	84628	
Benbecula	022	22315	80018	85709	23401	06712	82917		
Tiree	100	62315	82018	88310	43432	06715	81712	83920	
Aldergrove	917	71910	66618	93709	754//	07808	83710	87635	
Malin	980	72017	80218	90709	6542/	06807	81718	85645	87358
Belmullet	976	32424	78028	92111	30502	05608	82821		
Birr	965	82008	62606	96109	874//	09811	87710	88715	
Dublin	969	82612	66616	96010	863//	09504	81708	84713	88635
Shannon	962	82110	65215	96511	855//	08607	83620	87650	
Roches Point	952	82612	65606	90413	873//	13503	88708		
Valentia	953	72414	65256	98012	784//	07604	83819	87645	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91141	13	$ir_or_or_o$	$d_or_or_or_o$
Hurn	862	91151	15	r_o	$r_od_or_o$
Thorney Island	871	97151	15	r_o	+
Manston	797	92151	13	ir_o	+
Gatwick	776	91151	14	r_or_o	r_o
Kew	775	97151	15	r_oir_o	ir_o
Heathrow	772	97151	14	$r_od_od_od_or_o$	$r_od_or_od_or_o$
Honington	586	97151	13	ir_o	r_o
Wattisham	590	97141	13	id_o	id_o
Gorleston	497	93141	13	ir_o	+
Aberporth	502	17111	11	$ir_oirRd_or_o$	rRr_or_o
Ross-on-Wye	627	05151	13	r_orr	$irir$
Filton	628	04152	13	r_orr_o	r_orir_oR
Rhoose	715	04141	13	$r_oir_or_or_oid_o$	$r_or_orr_oir_oRr$
Chivenor	707	06131	13	$pr_or_or_o$	r_orR
Mount Batten	827	91151	15	ir_o	id_oir_o
St. Mawgan	817	06142	14	$ir_oid_or_o$	$rrRR$
Scilly	804	09152	13	ir_o	ir_oiR
Culdrose	809	02132	13	ir_o	ir_oirir_o
Guernsey	894	00150	14	+	+
Elmdon	534	04141	12	$ir_odr_od_or_o-r_o$	$r_oRdr-d_or_or$
Cardington	559	97151	14	ir_o	$ir_opr_or_o$
Wittering	462	01131	13	r_o	$r_od_or_or$
Watnall	354	06131	11	$r_o-d_or_o$	$rrr_or_od_or_oR$
Shawbury	414	11122	11	$r_or_Rr_or_o$	r_orR
Finningley	360	14132	12	r_or_o	$r_or_od_rdrrR$
Kilnsea	396	07122		ir_opr	$irrrir_o$
Leeming	257	07111	10	r_or_oR	$ir_or_or_o$
Tynemouth	262	04112	07	rr	$r_or_oir_o$
Carlisle	222	25102	09	$rrRrRr_o$	ir_or-rr
Valley	302	07121	11	$rrr_or_oir_o$	$pr_oir_oiRrrir_o$
Ringway	334	19102	10	$rrr_or_o-rRr_or_o$	r_or_oRrr
Squires Gate	318	10112	11	r_or_oR	r_or_orrR
Ronaldsway	204	05101	10	r	r
Mull of Galloway	131	03091			
Eskdalemuir	162	05081	07	r_o	r_oRrrir_o
Prestwick	135	04091	08	pr_opr	pr_oprir_o
Abbotsinch	140	02101	08	pr_opR	$pr_or_or_o$
Leuchars	171	94091	06	+	$prpr_or_o$
Dyce	091	97041	50	+	ir_o
Lerwick	005	08071	05	pr_o	pr_orrpr
Wick	075	97061	02	pr_o	+
Sule Skerry	010	04082	06		
Cape Wrath	049	05062	04	pr_oph_o	$prpr_oph_o$
Stornoway	026	07052	03	$prpr_o$	pr_opr
Benbecula	022	03071	05	pr_o	pr_opr
Tiree	100	03081	03	$pRpr_opr$	$prphr$
Aldergrove	917	02082	07	pr_o	$r_or_or_o$
Malin	980	03091	07		
Belmullet	976	02091	07		
Birr	965	09091	08		
Dublin	969	07091	09		
Shannon	962	07101	08		
Roches Point	952	06111	10		
Valentia	953	08101	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_ysapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70332	19004	80217	97808	00301	894//	81113	85915	/////	0//01	10728	30503	05906
B	99565	70510	19004	62728	97268	11101	62400	00815	86815	/////	0//51	10604	30604	32807
C	99522	70359	19004	33124	97021	15106	32400	00123	83815	/////	0//03	11054	30809	/////
D	99440	70410	19004	23316	98020	29410	20400	00102	81815	/////	0//05	11739	30606	/////
E	99348	70400	19003	40910	98031	24622	12502	00108	81820	830//	0//19	12251	30201	16603
I	99590	70190	19004	20207	98028	86708	22400	00004	82818	/////	05703	11152	30301	25808
J	99525	70198	19004	32632	98018	93709	33400	61303	83915	/////	0//06	11389	30808	26010
K	99451	70159	19004	72228	96016	14218	1657/	00815	81620	87359	0//16	11780	30906	28204
M	99658	10015	19004	80822	97218	86408	6947/	00706	86919	/////	00006	10857	30405	/////

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_ysapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	19064	60218	97018	00603	60400	11604	84815	/////	05651	10610	30402	03906
B	99565	70510	19064	62824	97028	08601	62500	00707	86825	/////	0//56	10603	30606	/////
C	99520	70349	19064	62913	97028	15505	63400	00605	86915	/////	0//51	11006	30808	/////
D	99440	70410	19064	22412	98020	26711	20400	00716	81815	/////	0//04	11737	30605	/////
E	99350	70400	19063	21307	98020	22721	15501	00810	81625	/////	0//19	12228	30000	11603
I	99589	70190	19064	23610	98018	88207	22400	00212	82816	/////	05804	11144	30303	25008
J	99525	70201	19064	33130	98038	99810	33400	71232	81915	/////	0//05	11370	30807	27009
K	99451	70157	19064	83122	96218	13315	2747/	00309	82711	88459	0//13	11778	30502	22905
M	99658	10015	19064	80825	97606	85008	7752/	00806	87730	/////	05006	10865	30406	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40144

Date of Issue Wednesday 20 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 19 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sC_Hh_s$	$8N_sC_Mh_s$	$8N_sC_Hh_s$
Boscombe Down	746	82234	40616	03415	874//	14617	81710	87712	88718
Hurn	862	82133	62605	05217	6547/	15723	86615	88360	
Thorney Island	871	82130	28632	07215	872//	15615	82703	84710	88714
Manston	797	72131	62212	07217	754//	13719	85614	87625	
Gatwick	776	82227	40606	06216	854//	14815	85614	88620	
Kew	775	82217	58586	04916	874//	15713	88712		
Heathrow	772	82020	40596	05116	873//	15610	82709	88712	
Honington	586	82123	69216	02617	854//	13718	84614	88618	
Wattisham	590	82222	62606	03716	854//	14816	82612	88615	
Gorleston	497	61932	60012	02816	686//	13726	84830	86635	
Aberporth	502	72417	80026	01212	5857/	09219	82820	85650	87358
Ross-on-Wye	627	82512	66626	00915	874//	14205	88710		
Filton	628	82420	56636	01915	872//	14810	83705	88708	
Rhoose	715	82820	59636	02912	853//	12304	82707	85614	88640
Chivenor	707	82614	62616	04512	3742/	11319	82710	84530	88460
Mount Batten	827	83020	48636	05814	852//	14308	83705	84707	88615
St. Mawgan	817	72617	62216	06612	5533/	10133	81707	84624	86358
Scilly	804	72821	66016	07312	5847/	11231	82816	85623	86460
Culdrose	809	72915	69216	06512	4547/	11316	83710	84630	87460
Guernsey	894	82023	20626	09915	850//	15714	82700	84701	87704
Elmdon	534	82016	62636	99514	7732/	13003	83709	86711	88556
Cardington	559	82424	32648	02413	893//	13508	82708	88915	
Wittering	462	82320	69636	00015	854//	13503	83712	88640	
Watnall	354	82012	28616	98214	6732/	13806	86709	88518	
Shawbury	414	82714	59636	99212	6542/	10313	83710	85618	88458
Finningley	360	82117	62606	96815	854//	13704	81710	88620	
Kilnsea	396	82320	66216	96715	3737/	13813	83706	88460	
Leeming	257	82713	74606	96012	2562/	08305	82630	88458	
Tynemouth	262	82304	32616	93711	8052/	10400	88525		
Carlisle	222	72312	66806	93811	48472	08603	81713	84640	
Valley	302	62425	82016	98313	42572	09212	84822	84459	86075
Ringway	334	82509	58616	98511	854//	09311	81712	88622	
Squires Gate	318	72520	80216	97012	3557/	09211	83620	86360	87465
Ronaldsway	204	62321	82016	95513	38502	07304	82824	85075	
Mull of Galloway	131	22330	80018	92813	11509	06400	81825		
Eskdalemuir	162	72218	74216	92909	684/2	07805	81716	83820	85072
Prestwick	135	42518	83018	91712	43402	05803	81818	81922	83825
Abbotsinch	140	42220	80256	90411	49400	06806	81918	83822	
Leuchars	171	52219	72018	89411	38532	07812	83824	83070	
Dyce	091	32219	80016	88112	19468	06604	81915		
Lerwick	005	72610	66808	84406	794//	05003	83912	83815	
Wick	075	72108	89031	85711	39433	05704	81918	83362	86070
Sule Skerry	010	52319	81018	83410	53500	06714	85920		
Cape Wrath	049	62316	83028	83210	4356/	06706	84920		
Stornoway	026	52111	82278	84810	59400	08804	84916		
Benbecula	022	72520	61818	85808	794//	06501	83710	86915	
Tiree	100	72224	74808	86610	794//	06712	82910	85815	
Aldergrove	917	42320	82036	92312	32501	05807	83820		
Malin	980	72236	56818	89609	794//	07507	87918		
Belmullet	976	72722	81258	93611	794//	07321	83715	86920	84920
Birr	965	52220	75256	97311	595//	07306	85921	83921	
Dublin	969	52420	84036	96413	525//	05307	85820		
Shannon	962	62523	80256	98711	695/3	08314	84925	84640	
Roches Point	952	22425	80258	01612	29400	07217	82916		
Valentia	953	62820	70258	02512	43502	07230	84921	83070	

OBSERVATIONS at 18h. — 19 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sC_Hh_s$	$8N_sC_Mh_s$	$8N_sC_Hh_s$
Boscombe Down	746	62513	82016	08711	12532	09234	81825	83365	85070
Hurn	862	72611	80016	10312	12432	09237	81818	84070	86075
Thorney Island	871	72518	74016	09513	785//	09339	82820	87657	
Manston	797	82614	74615	07612	854//	12318	82710	88630	
Gatwick	776	72513	80216	08411	5567/	09331	85645	87358	
Kew	775	72308	62026	07813	755//	09339	82622	87645	
Heathrow	772	72413	75026	07513	3847/	09241	81818	83650	86360
Honington	586	72513	80216	05212	5847/	10325	82818	85656	87359
Wattisham	590	72615	69606	05112	5857/	10323	82825	84650	87359
Gorleston	497	82517	58618	04713	855//	08327	88620		
Aberporth	502	12419	80018	06710	13500	06240	81920		
Ross-on-Wye	627	32313	81016	06811	18503	07236	81825		
Filton	628	42420	58806	08212	23502	07232	82920	83072	
Rhoose	715	52723	68258	08311	39502	08337	83822	81925	83075
Chivenor	707	52822	69028	09912	29501	07334	82820	81920	84075
Mount Batten	827	32719	69018	11713	22402	09239	82816		
St. Mawgan	817	32620	74258	11912	29462	07337	82914		
Scilly	804	42824	74021	12813	48400	07233	82818		
Culdrose	809	42724	81016	11912	39403	07234	83915	84072	
Guernsey	894	42724	80016	13813	42502	10336	84820		
Elmdon	534	62419	70026	05012	44502	05331	81820	84635	85070
Cardington	559	72317	61216	05912	5567/	08333	85640	87360	
Wittering	462	72414	82026	04111	15632	07229	81630	83365	87072
Watnall	354	62214	59806	03211	58502	07328	83824	83645	85080
Shawbury	414	22714	80258	03610	29501	06225	82926		
Finningley	360	62412	69016	00911	38402	07320	81818	83656	
Kilnsea	396	62515	66026	00112	38571	10217	81820	83630	85360
Leeming	257	22521	74158	97910	29500	06309	82920		
Tynemouth	262	12416	66026	95711	19500	05309	81925		
Carlisle	222	42315	75018	95911	49460	06321	81712	82918	
Valley	302	22632	74018	03112	22502	07342	82822		
Ringway	334	52413	75028	02010	49402	05325	81915	83640	
Squires Gate	318	42529	75018	00512	42500	07324	84825		
Ronaldsway	204	42426	81038	99312	49501	07332	82922	83830	
Mull of Galloway	131	62327	80022	96611	42531	06338	84825		
Eskdalemuir	162	72114	69808	94608	734//	05218	83918	84820	
Prestwick	135	72623	65258	94010	49463	06328	83818	81920	85360
Abbotsinch	140	72421	60809	91309	794/3	06313	82714	85918	
Leuchars	171	72316	64258	90108	59403	06502	81915	83825	85070
Dyce	091	72106	84028	88507	746//	03308	81630	86656	
Lerwick	005	52210	82038	82807	59463	05603	85912		
Wick	075	62510	69258	86106	5343/	05307	84918	84630	85360
Sule Skerry	010	52913	74018	84709	53500	05213	83920	85625	
Cape Wrath	049	52712	83018	86007	53500	04219	85920		
Stornoway	026	22912	80258	88806	29500	05332	81920		
Benbecula	022	73124	82028	91009	22402	04250	82818	87075	
Tiree	100	63024	70258	92409	634//	05255	82918	84822	
Aldergrove	917	72418	66258	98609	734//	06247	83918	86820	
Malin	980	62926	80808	96510	694//	07359	86918		
Belmullet	976	62824	80038	02511	694/3	06249	82715	84920	82920
Birr	965	32411	80018	05209	39502	05247	83920		
Dublin	969	42516	80258	02910	43503	06242	84920	82920	
Shannon	962	72420	80809	06510	694/3	05246	81715	85925	
Roches Point	952	22517	75018	08710	29400	07242	82916		
Valentia	953	52815	75028	09211	59500	07239	85923		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.—15h.	WEATHER 15h.—21h.
Boscombe Down	746	02161	000	roror	+
Hurn	862	02171	000	doro-roorRdr	ro
Thorney Island	871	05171	000	rorroro	rroro
Manston	797	06171		irododororo	roroRR
Gatwick	776	10171	001	roror	roRr
Kew	775	07171	000	dorodrR	Rrroro
Heathrow	772	03171	000	rorordrroroR	Rro
Honington	586	03181		rorR	Rrroro-roiro
Wattisham	590	05161	001	iroir	rriro
Gorleston	497	03180	004	+	iropriro
Aberporth	502	04141	029	RroropRo	pro
Ross-on-Wye	627	08151	006	iRir	l
Filton	628	31121	004	RrRRrro	pro
Rhoose	715	11161	007	roRr	protolo
Chivenor	707	11151	011	RR	prophrl
Mount Batten	827	04161	017	roroRrrpro	pro
St. Mawgan	817	10161	022	roroRRrr	pro
Scilly	804	07161	037	rr	pr
Culdrose	809	06161	009	irrriro	iro
Guernsey	894	27171	009	iroirRRir	roro
Elmdon	534	07151	005	rororrRR	+
Cardington	559	18172	000	proiroirrRro	roiro
Wittering	462	03171	000	rrRroro	+
Watnall	354	07151	008	Rrrdoro	propro
Shawbury	414	02161	023	roRr	pro
Kilnsea	396	03161	002	iRiroirR	+
Leeming	257	02131	011	rorooriropro	propr
Tynemouth	262	01131	026	roro	+
Carlisle	222	03131	031	rrroropro	pRprpro
Valley	302	01141	035	iropro	+
Ringway	334	03141	020	rdoroRroropro	+
Squires Gate	318	02141	026	ror	proprpR
Ronaldsway	204	91141	038	roropro	pro
Mull of Galloway	131	00130			
Eskdalemuir	162	05111	017	irorpropr	propr
Prestwick	135	93131	048	pro	prol
Abbotsinch	140	05121	034	protlpr	prpro
Leuchars	171	02131	029	ropropr	prpro
Dyce	091	97121	039	~~pr~~ pro	~~pro~~ +
Lerwick	005	05102	027	propr	propr
Wick	075	96111	045	pro	propr
Sule Skerry	010	92111			
Cape Wrath	049	04102	018	pro	phr
Stornoway	026	07112	015	phrpr	pr
Benbecula	022	11111	022	propphpR	phpRpro
Tiree	100	04111	032	propphr	propphr
Aldergrove	917	92121	052	pro	pro
Malin	980	0212	034		
Belmullet	976	0412	016		
Birr	965	0212	040		
Dublin	969	0213	049		
Shannon	962	0313	040		
Roches Point	952	0113	050		
Valentia	953	9114	035		

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

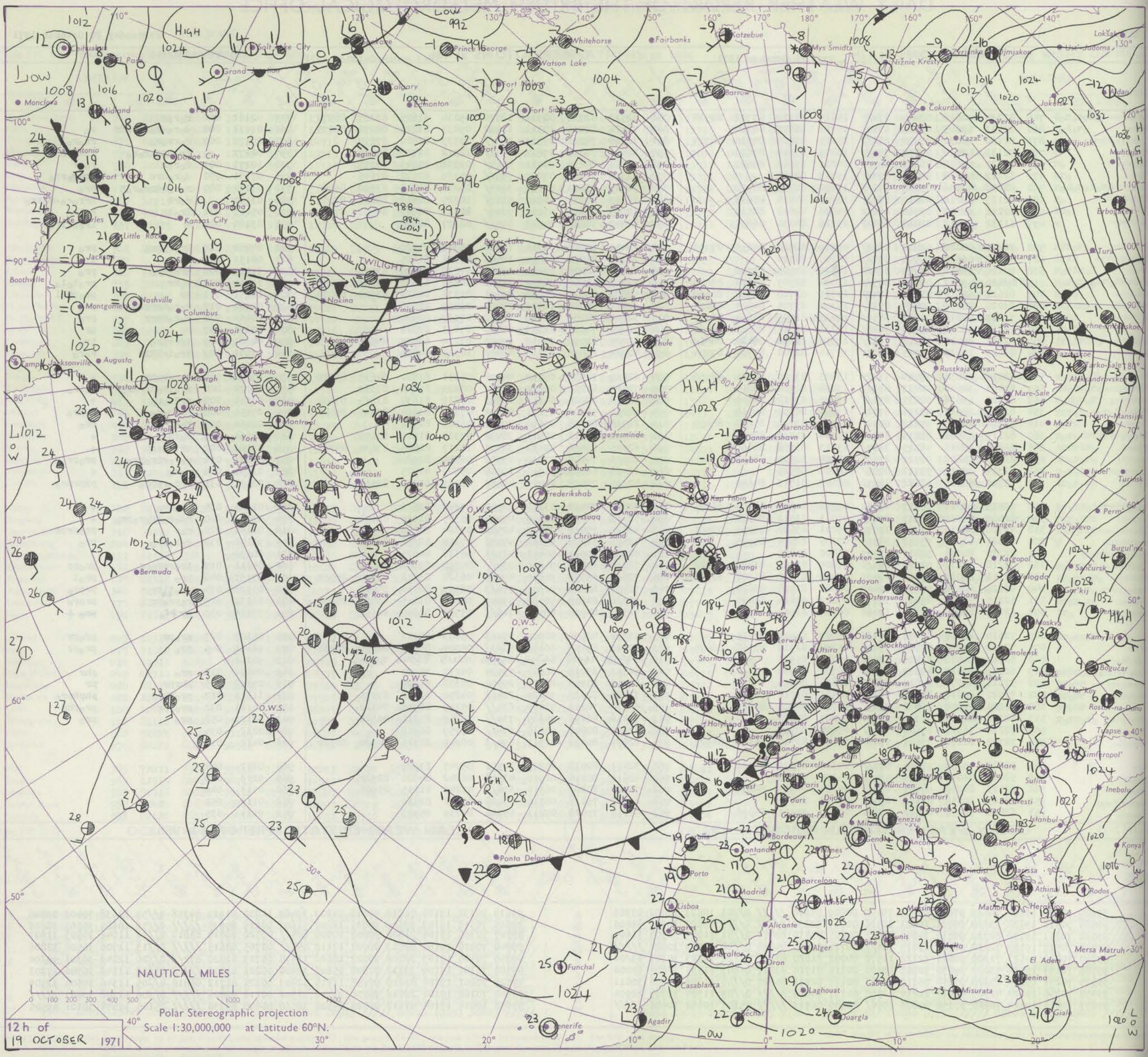
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_Hh_s$	$8N_sC_Mh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70332	19124	70419	97808	02603	79400	00009	85910	/////	0//01	10673	30402	03906
B	99565	70510	19124	23618	98021	10401	28500	00219	82830	/////	0//59	10603	30302	31806
C	99528	70351	19124	82712	98012	14807	384//	00605	83810	88457	0//51	11004	30503	31607
D	99440	70410	19124	72412	98021	23014	784//	00715	83815	84620	0//08	11729	30604	/////
E	99350	70480	19123	71209	98021	22122	11578	00002	81820	872//	0//20	12223	30301	99/04
I	99588	70189	19124	53022	99038	92008	49402	00216	81914	83817	05603	11135	30604	25006
J	99525	70201	19124	63128	97258	06110	69463	00126	82915	85820	0//05	11349	30606	30011
K	99450	70158	19124	42925	98011	21215	42500	61131	84826	/////	0//09	11784	30707	22904
M	99659	10014	19124	70920	97158	85808	6956/	00400	86919	/////	05107	10862	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_sv_sapp	$8N_sC_Hh_s$	$8N_sC_Mh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	19184	50212	99018	04203	39463	11802	81910	84358	0//54	10638	30402	03806
B	99565	70510	19183	53626	98021	14802	51600	00215	85835	/////	0//56	10685	30505	32806
C	99527	70355	19184	71808	98602	10006	684//	00720	82810	86612	0//51	11046	30503	31607
D	99440	70410	19184	82023	98022	12116	854//	00765	88615	/////	0//13	11706	30504	32806
E	99350	70480	19183	72008	98022	18622	11578	00723	81820	872//	0//20	12249	30301	99/04
I	99588	70186	19184	33117	97808	95608	32400	00221	83818	/////	05602	11146	30706	27003
J	99525	70201	19184	83218	97158	11910	52407	00224	81712	85818	0//05	11346	30504	32909
K	99450	70160	19184	23016	98030	24516	22501	00116	82826	/////	0//06	11788	30807	/////
M	99658	10014	19184	41112	97028	85508	36560	00400	83730	/////	05105	10874	30101	99505

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
1024
LOW
1008
1016
1020
1012
996
992
988
984
1000
1004
1028
1032
1036
1040
HIGH
1028
LOW
1012
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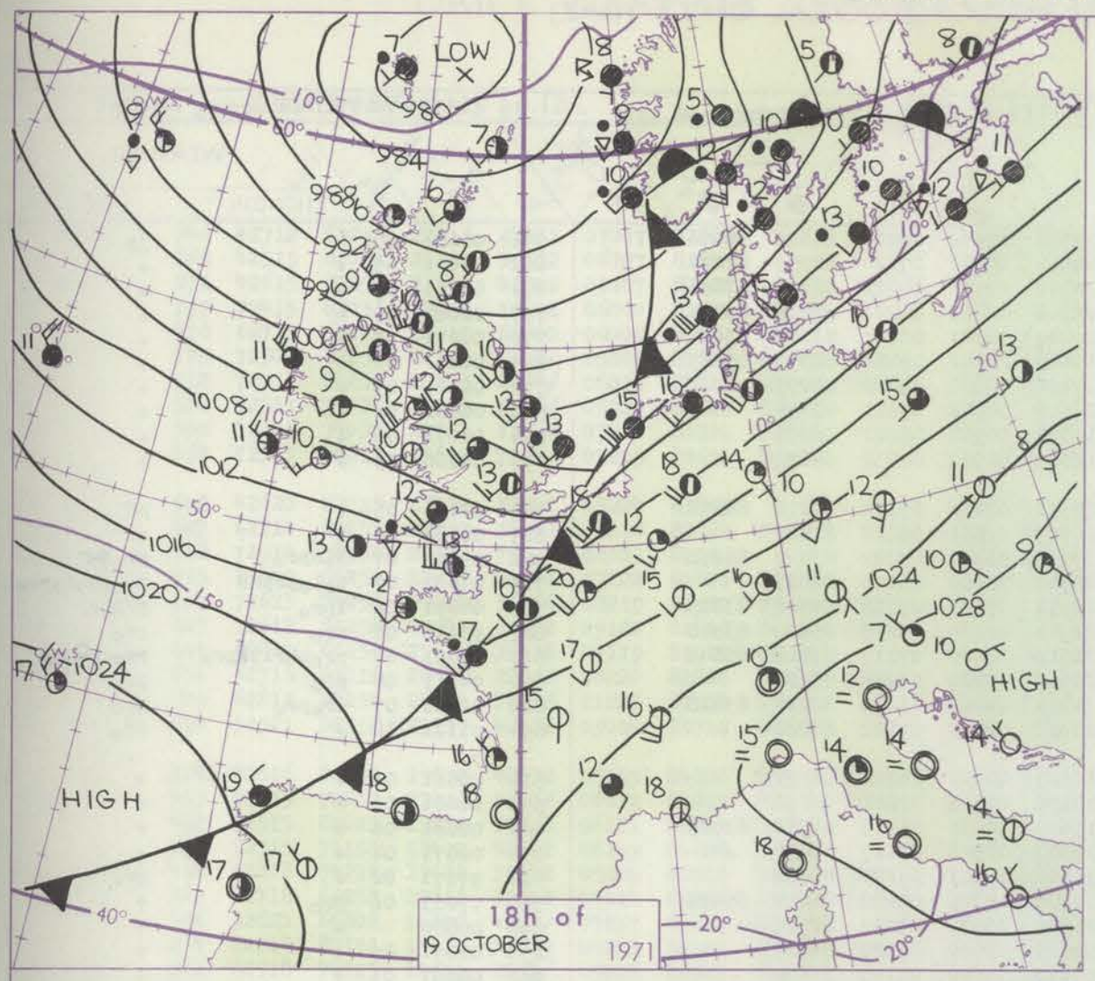
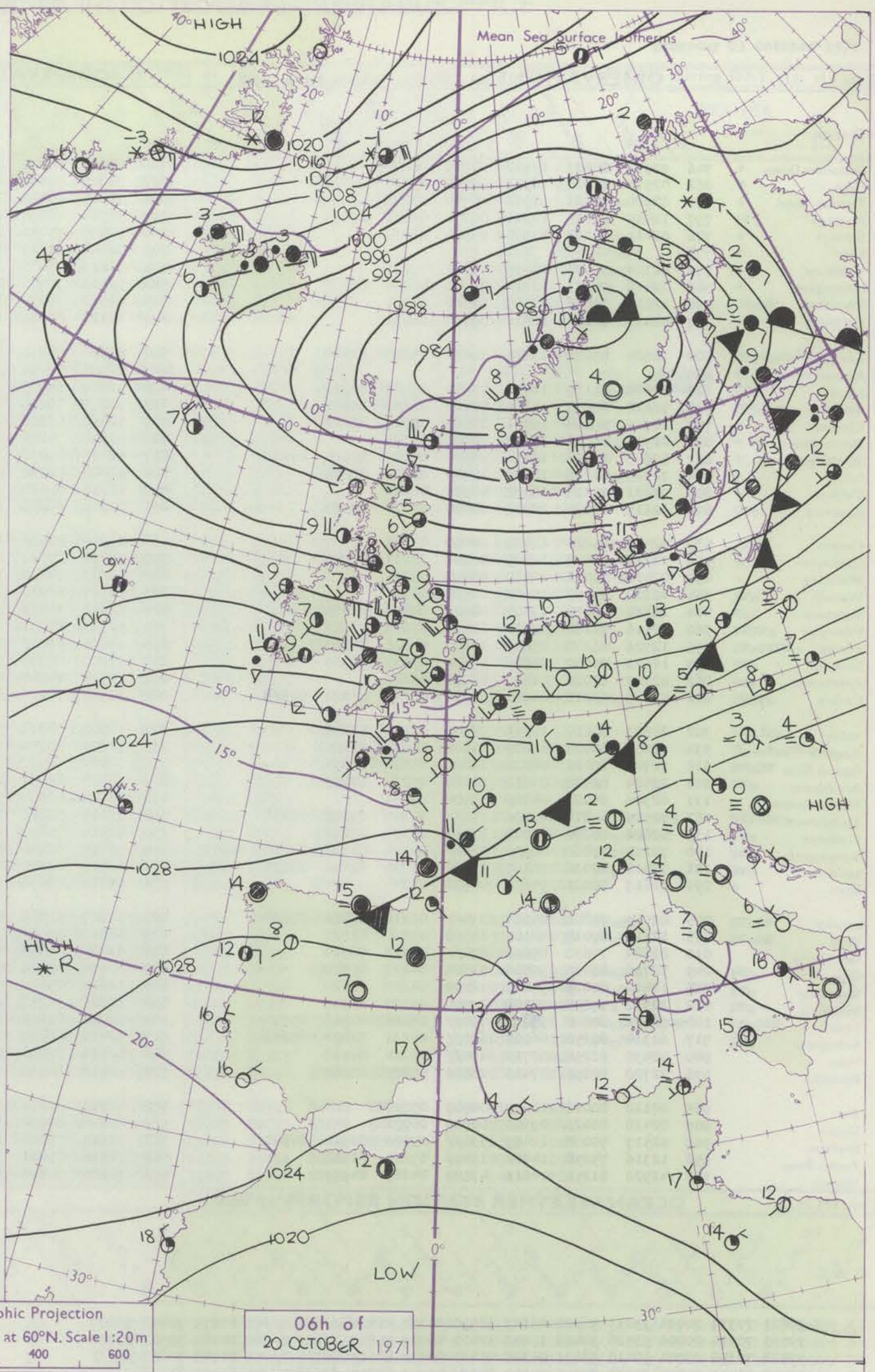
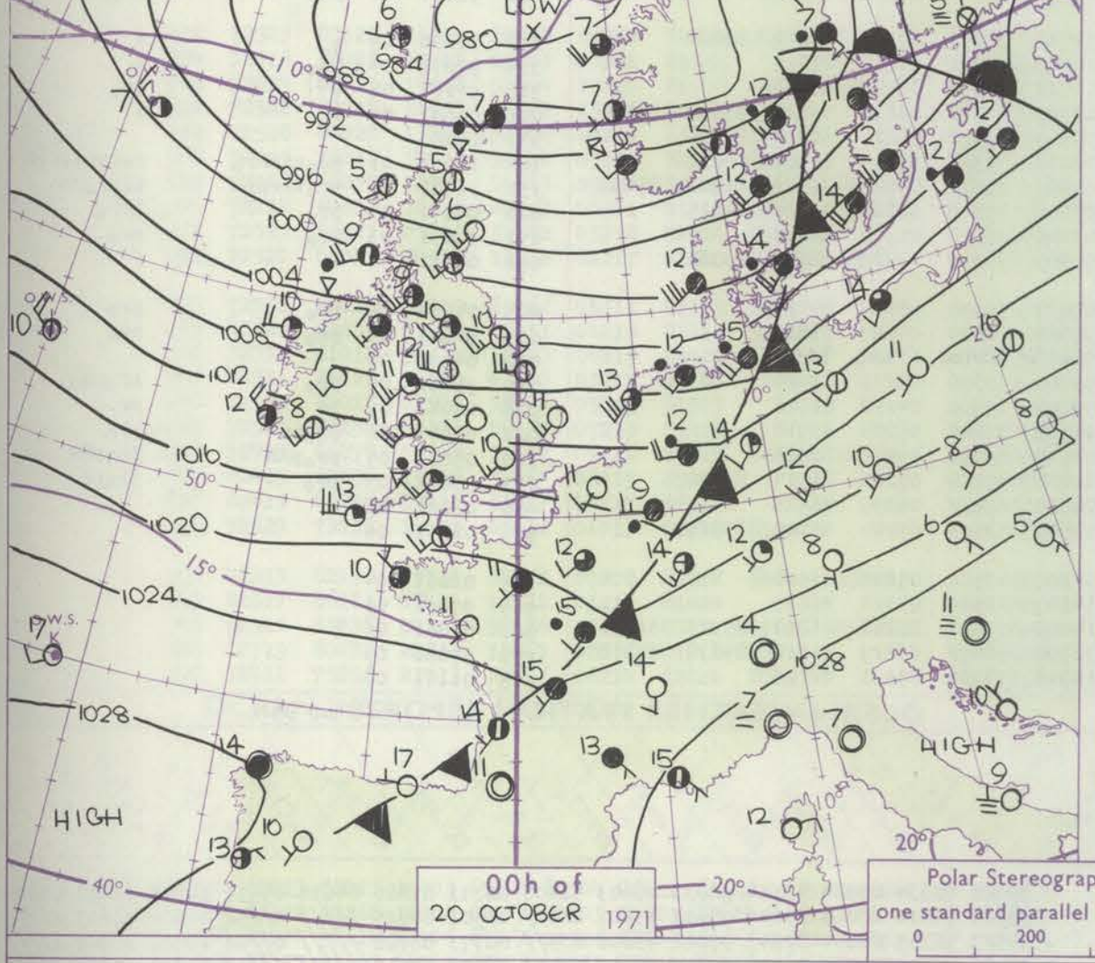
LOW
1012
HIGH
1028
LOW
1020
HIGH
1028
LOW
1020
CIVIL TWILIGHT
Chihuahua
El Paso
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Fairbanks
Katzebue
Mys Šmidta
Nižnie Kresty
Lokšak
Monclova
Midland
Billings
Calgary
Edmonton
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Barrow
Čokurdah
Ust'-Judoma
Ojmjakon
Rapid City
Regina
Fort
Dodge City
Bismarck
Island Falls
Winnipeg
Cambridge Bay
Coppermine
Cape Parry
Mould Bay
Resolute Bay
Eureka
Arctic Bay
Thule
Kazač'e
Ostrov Žanova
Ostrov Kotel'nyj
Verhojansk
Oldekop
Tiksi
Muhtuja
Erbogačen
Tura
Vanavara
Kansas City
Minneapolis
Little Rock
Jackson
Chicago
Nashville
Columbus
Detroit
Pittsburgh
Washington
Norfolk
Montgomery
Boothville
Nakina
Churchill
Baker Lake
Chesterfield
Winisk
Coral Harbour
Moosonee
Port Harrison
Nottingham Island
Resolution
Cape Dyer
Lyde
Upernavik
Nord
Danmarkshavn
Barencburg
Nagurskoje
Russkaja Gavan'
Malye Karmakuly
Mare-Sale
Aleksandrovskoe
Tarko-Sale
Hrne-Smorskoe
Ivdel'
Turinsk
Muzi
Ivanty-Mansijsk
Ust'-Cil'ma
Ohansk
Permi
Ob"jačevo
Arhangel'sk
Kaspopol
Bugul'ma
Sancursk
Vologda
Reboly
Kajgopol
Moskva
Smolensk
Kiev
Mińsk
Bogučar
Har'kov
Rostov-na-Donu
Simferopol'
Tuapse
Sulina
Satu Mare
Bucuresti
Istanbul
Inebolu
Konya
Rodos
Heraklion
Athinai
Larissa
Ancona
Venezia
Milano
Genova
Zagreb
Klagenfurt
München
Praha
Hannover
Czerniachowo
Bruxelles
Paris
Bordeaux
Santander
Porto
Lisboa
Madrid
Barcelona
Alicante
Gibraltar
Casablanca
Agadir
Funchal
Generife
Laghouat
Bechar
Ouargla
Alger
Oran
Tunis
Misurata
Gabes
Benina
El Adem
Mersa Matruh
Gialo
Malta
Reykjavik
Thorshavn
Lerwick
Stornoway
Glasgow
Belfast
Manchester
Holyhead
London
Valentia
Shannon
Utsira
Oslo
Stockholm
Ostersund
Dombaas
Myken
Bodo
Tromso
Vardoyan
Sodankyla
Lulea
Vaasa
Helsinki
Turku
Hanko
Visby
Karlskrona
Goteborg
Aalborg
Esbjerg
Skagen
Ronne
Kap Tobin
Ivan Mayen
Angmagssalik
Prins Christian Sund
Frederikshab
Godthab
Godesminde
Caribou
Anticosti
Gaspe
Sydney
Yarmouth
Sable Island
Gander
Stephenville
Bermuda
Cape Race
Nassau
Augusta
Jacksonville
Charleston
Ottawa
Montreal
Toronto
York







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 20 October 1971

The complex low in the Faeroes area continued to move steadily northeast. The frontal trough, stretching from northeast England to southern Ireland, moved rapidly eastwards into central Europe. Meanwhile a cool unstable showery westerly airstream has become established over the British Isles. During the next 24 hours a ridge of high pressure will build over the British Isles ahead of a vigorous mid-Atlantic depression which is moving slowly northeast.

Code FM 11.D

OBSERVATIONS at 00h. 20 October 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	02513	80021	15508	00900	06232			
Hurn	862	02510	75021	16511	00900	07327			
Thorney Island	871	02520	74021	16512	00900	08233			
Manston	797	12414	82016	14510	00901	06231	81075		
Gatwick	776	02411	75021	15908	00900	06236			
Kew	775								
Heathrow	772	02314	75021	14910	00900	07237			
Honington	586	22416	74021	11710	00901	06235	82075		
Wattisham	590	02613	70016	12509	00900	07234			
Gorleston	497	02417	60020	10611	00900	06232			
Aberporth	502	12624	83028	13611	15600	05237	81640		
Ross-on-Wye	627								
Filton	628	42408	64179	14810	43500	07127	82923		
Rhoose	715	52622	65809	14310	52500	06129	85826		
Chivenor	707	22719	69258	15911	29503	08227	82922		
Mount Batten	827	02713	66018	18212	00900	09329			
St. Mawgan	817	52623	69258	18011	59500	07229	82920	84826	
Scilly	804	22723	81018	18613	22400	06224	82818		
Culdrose	809	02821	72028	18512	00900	08232			
Guernsey	894	32617	63030	20012	32500	07226	83823		
Elmdon	534	02412	75021	12009	00900	05233			
Cardington	559	12216	61031	12509	00901	07231	81070		
Wittering	462	02418	74011	10710	00900	06234			
Watnall	354	02312	74138	10108	00900	06331			
Shawbury	414	12510	78020	11009	00902	04234	81075		
Finningley	360	32516	74258	07610	31500	07229	83825		
Kilnsea	396	12726	66030	05609	10970	06226	81360		
Leeming	257	12623	74030	04609	19500	05333	81920		
Tynemouth	262	02727	81020	01609	00900	06241			
Carlisle	222	52519	62018	04110	58500	06240	83822	84643	
Valley	302	22623	80010	10311	22500	07235	82826		
Ringway	334	12209	80028	09809	11500	04237	81820		
Squires Gate	318	12728	82011	08212	12600	05238	81830		
Ronaldsway	204	22424	82028	07010	28500	05234	82825		
Mull of Galloway	131	02328	84020	04309	00900	04231			
Eskdalemuir	162	72515	64818	03606	793//	04350	83708	86917	
Prestwick	135	52623	70299	01809	5456/	06134	83822		
Abbotsinch	140	72215	70808	00908	784//	06140	81712	84818	86650
Leuchars	171	32516	80038	98107	15602	04250	81640	83075	
Dyce	091	02613	88021	95606	00900	01244			
Lerwick	005	82519	74808	85607	894//	06218	85912	88628	
Wick	075	12516	80018	92105	15500	03230	81625		
Sule Skerry	010	82824	74638	89606	874//	05222	88710		
Cape Wrath	049	52738	83018	90708	53500	04227	85920		
Stornoway	026	12410	80028	94805	12500	04226	81820		
Benbecula	022	22722	74258	97208	29400	05127	82915		
Tiree	100	72622	80808	98709	794//	05218	82916	85950	
Aldergrove	917	62314	80258	06007	685//	05231	82822	85638	
Malin	980	42430	62258	02710	494//	05324	84918		
Belmullet	976	22720	80256	07410	23500	05225	82920		
Birr	965	02110	80018	11607	00900	05227			
Dublin	969	02418	80020	09908	00900	04231			
Shannon	962	52517	70038	12409	535//	05226	82924	84640	
Roches Point	952	12316	75258	14908	19400	07225	81916		
Valentia	953	42920	81258	14612	43500	04225	84923		

OBSERVATIONS at 06h. 20 October 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	52512	80031	19708	12532	06219	81820	85070	
Hurn	862	72305	70031	20910	20942	07224	82359	87070	
Thorney Island	871	72513	80031	20712	785//	08222	81820	87656	
Manston	797	32311	77030	19508	12401	06223	81815	83075	
Gatwick	776	52409	75031	20207	48501	06221	81825	83650	
Kew	775	52207	61021	19109	20942	06222	82359	85075	
Heathrow	772	62213	75031	19209	00904	06221	86075		
Honington	586	52413	74031	16608	00902	05223	85075		
Wattisham	590	62513	70031	17408	00902	06222	86075		
Gorleston	497	42110	60030	16509	00902	06232	84075		
Aberporth	502	82520	80038	17511	6242/	05212	86818	88458	
Ross-on-Wye	627	22207	77020	17709	18501	06222	81825		
Filton	628	52309	69259	19210	58500	07222	83827	85650	
Rhoose	715	32719	70278	18711	38500	06218	82825		
Chivenor	707	72422	69808	19911	795//	09218	84922	83825	
Mount Batten	827	62811	74808	21911	52530	08218	85820	83358	
St. Mawgan	817	62417	69038	21512	68400	07117	83818	85641	
Scilly	804	42820	82258	22312	48400	08216	83818		
Culdrose	809	42814	72028	21811	43400	11219	82915	83818	
Guernsey	894	62618	66808	23912	62500	09222	86822		
Elmdon	534	21910	80030	16507	00901	04216	82075		
Cardington	559	72214	70031	17108	00906	07121	87270		
Wittering	462	32414	74030	15609	10931	05218	81362	83075	
Watnall	354	22317	69030	13907	00902	06117	82072		
Shawbury	414	22611	78030	15308	15401	04220	81618		
Finningley	360	52313	80031	12209	15702	05220	81650	85075	
Kilnsea	396	32525	66030	11609	20971	06222	82360		
Leeming	257	12820	82030	09009	18500	04322	81825		
Tynemouth	262	12730	74020	05909	15600	05143	81630		
Carlisle	222	32518	70018	08909	38501	05325	82822		
Valley	302	52525	74031	14711	38502	07223	82822	83070	
Ringway	334	12109	80030	14008	15700	04218	81656		
Squires Gate	318	32724	82038	12511	32500	06218	83828		
Ronaldsway	204	62520	82031	12109	58502	06125	83821	83650	85075
Mull of Galloway	131	42326	82030	09909	22501	06228	82825	84075	
Eskdalemuir	162	72414	58806	08206	723//	05324	82709	86820	
Prestwick	135	62716	70258	07408	694//	05229	81712	82922	85632
Abbotsinch	140	52414	62258	05508	59400	06224	81714	84915	
Leuchars	171	12517	82028	03206	15500	05328	81625		
Dyce	091	62312	88030	00705	25630	02223	82645	85360	
Lerwick	005	52727	62808	89407	59400	05223	84914		
Wick	075	42517	80021	97006	28530	04227	81820		
Sule Skerry	010	42730	74808	93610	43400	07220	84915		
Cape Wrath	049	32734	83028	95008	33500	04221	83920		
Stornoway	026	12612	75258	99007	19400	04222	81916		
Benbecula	022	32826	74258	01509	39400	05224	83918		
Tiree	100	42722	82158	03909	39460	04225	82916		
Aldergrove	917	42417	80038	10807	49400	05226	81914	83820	
Malin	980	62630	62258	08310	694//	06230	86918		
Belmullet	976	52413	80258	12609	535//	05224	85920	83920	
Birr	965	42307	80258	06107	43500	05221	83920		
Dublin	969	22518	80038	14107	12502	04328	81825		
Shannon	962	72515	75808	16009	735//	06216	81820	85925	86650
Roches Point	952	72616	75021	18509	5847/	06219	81816	85637	87358
Valentia	953	72609	70808	18311	73500	07321	87922		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00081	05	1	jp
Hurn	862	00091	05	+	+
Thorney Island	871	00111	09	+	+
Manston	797	00081	05	+	+
Gatwick	776	00071	03	+	+
Kew	775	00091	06	+	+
Heathrow	772	00081	05	+	+
Honington	586	00081	06	+	+
Wattisham	590	00071	06	+	+
Gorleston	497	00080	03	+	+
Aberporth	502	02111	05	+	pR
Ross-on-Wye	627	00081	06	1	+
Filton	628	05092	07	TLRpro	proPT
Rhoose	715	04091	07	tolopRpHR	prophoropro
Chivenor	707	04091	08	lpro	prphr
Mount Batten	827	93111	08	pro	pro
St. Mawgan	817	04091	07	prophrlpRpro	pro pRpro
Scilly	804	94111	08	pro	pro
Culdrose	809	02101	07	iropro	pro
Guernsey	894	91121	10	+	pro
Elmdon	534	00061	01	+	+
Cardington	559	00081	06	+	+
Wittering	462	00081	06	+	+
Watnall	354	00071	04	+	+
Shawbury	414	97071	02	+	pro
Finningley	360	97081	06	pro	+
Kilnsea	396	00080		+	+
Leeming	257	00091	07	+	+
Tynemouth	262	00081	05	+	+
Carlisle	222	93091	06	pro	propr
Valley	302	00100	09	+	+
Ringway	334	97071	05	pro	+
Squires Gate	318	97101	08	+	pro
Ronaldsway	204	00091	07	+	+
Mull of Galloway	131	00080			
Eskdalemuir	162	17052	03	proprpRro	rorpropprpR
Prestwick	135	11081	06	protlrpr	prpropR
Abbotsinch	140	04071	05	pro	lpro
Leuchars	171	91051	03	pro	pro
Dyce	091	00031	51	+	+
Lerwick	005	04062	04	pro	pro
Wick	075	92041	02	pro	pro
Sule Skerry	010	04071	06		
Cape Wrath	049	96061	05	pro	propho
Stornoway	026	02042	02	pr	pr
Benbecula	022	01071	06	propr	pro
Tiree	100	05071	05	propHR	phrpHR
Aldergrove	917	93061	05	pro	propr
Malin	980	06081	05		
Belmullet	976	02071	06		
Birr	965	02061	04		
Dublin	969	97071	05		
Shannon	962	02081	06		
Roches Point	952	97081	05		
Valentia	953	01101	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70333	20004	33215	98028	06103	38500	00102	82820	/////	0//52	10678	30402	03805
B	99565	70510	20004	53520	98028	15402	52400	00707	85815	/////	0//53	10600	30503	33806
C	99528	70356	20004	52410	98031	05306	45430	00630	84615	88357	0//03	11018	30603	/////
D	99440	70410	20004	83233	97216	05213	874//	00503	87715	/////	0//13	11722	30706	/////
E	99350	70480	20003	81608	98022	15622	2252/	00816	82820	88470	0//21	12234	30201	99/03
I	99588	70185	20004	43017	98038	99707	48400	61226	83816	/////	05802	11124	30704	36803
J	99523	70200	20004	12822	98011	14109	12400	00010	81816	/////	0//05	11378	30403	99/07
K	99450	70160	20004	02410	97020	27116	00900	00111	/////	/////	0//08	11758	30000	30004
M	99658	10013	20004	70717	97258	84708	795//	00400	87925	/////	05105	10852	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70334	20064	53514	98031	08003	58500	00311	81820	84630	05551	10648	30402	03804
B	99565	70510	20064	83629	98031	15001	825//	00501	88825	/////	0//52	10604	30607	/////
C	99527	70355	20064	81043	97612	93808	873//	00773	88708	/////	0//06	10892	30909	/////
D	99440	70410	20064	73034	97216	06110	774//	00000	87715	/////	0//02	11720	30808	/////
E	99348	70479	20063	81709	97608	07122	4742/	00858	84816	88458	0//22	12242	30201	99/03
I	99589	70191	20064	43021	97258	02807	43400	61318	84916	/////	05803	11124	30706	99/04
J	99524	70200	20064	72409	98216	14909	25428	00306	82615	84459	0//05	11350	30202	99/07
K	99451	70158	20064	22916	97020	27416	22500	00400	82830	/////	0//09	11757	30401	30203
M	99659	10020	20064	60517	97158	85708	59560	00207	85930	/////	05006	10842	30405	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40145

Date of Issue Thursday 21 October 1971

OBSERVATIONS at 12h. — 20 October 1971

Code FM 11.D

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	42712	83258	22913	28531	07007	82828		
Hurn	862	42515	80031	24114	31532	06107	83825		
Thorney Island	871	42615	82251	23613	42501	09107	84822		
Manston	797	72415	82031	22014	12572	06000	81820	86468	
Gatwick	776	62715	81031	22915	68600	08009	85830	83645	
Kew	775	72509	82252	22213	6851/	05108	83826	83645	85465
Heathrow	772	72513	84212	22413	2857/	06011	82828	83359	86462
Honington	586	82517	74032	20013	1151/	05110	81820	88468	
Wattisham	590	72615	74032	20711	11508	07010	81820	87268	
Gorleston	497	72313	62012	19512	7563/	07209	83630	87360	
Aberporth	502	42620	82018	21412	32502	05224	83825		
Ross-on-Wye	627	62310	82251	21712	38543	06218	82825	83073	
Filton	628	72910	58958	23612	795//	08321	87920		
Rhoose	715	52619	66258	22813	49501	07122	81824	83928	
Chivenor	707	72623	74258	24014	59536	08219	81920	85824	87075
Mount Batten	827	72612	85258	25913	684/2	09120	81818	86630	87075
St. Mawgan	817	62617	66158	25814	33438	07119	81915	85275	
Scilly	804	52716	81012	26414	22538	08220	82820	83358	85275
Culdrose	809	62812	80258	26214	39438	11223	81912	85272	
Guernsey	894	52521	82158	27115	42432	09014	81712	84822	
Elmdon	534	72516	80151	19812	42532	05115	84826	83365	85075
Cardington	559	82319	70032	21013	5243/	06112	81815	85825	88362
Wittering	462	72515	82021	19212	515/6	06111	85823	87275	
Watnall	354	72515	74151	18612	42542	06119	84823	86075	
Shawbury	414	62818	74278	19412	39402	05220	82918	83830	86072
Finningley	360	62718	69252	17013	39502	07314	81920	83070	85075
Kilnsea	396	72620	66808	16310	4257/	07217	84820	87360	
Leeming	257	72518	80151	15012	39562	04223	81920	83825	86072
Tynemouth	262	62518	74021	12111	2257/	05218	82825	86360	
Carlisle	222	72519	82031	13611	63532	06225	82922	84825	86072
Valley	302	72523	83022	19111	22552	07222	82820	86360	
Ringway	334	32718	80021	17912	29403	03220	81918		
Squires Gate	318	72624	82031	16912	53404	06220	81918	85825	85075
Ronaldsway	204	72522	82022	16611	38582	05223	83822	87070	
Mull of Galloway	131	72528	84022	13709	32508	04217	83825	87270	
Eskdalemuir	162	52419	78018	12009	53400	05117	82918	83820	
Prestwick	135	72718	68258	12408	59563	05024	82923	84630	86360
Abbotsinch	140	72218	64808	10509	694/3	06221	81715	85822	82922
Leuchars	171	72523	82021	07809	28542	05218	82820	87075	
Dyce	091	72520	86031	04911	18532	02217	81820	83362	87070
Lerwick	005	72532	80028	93209	6946/	05111	81915	85818	
Wick	075	42626	83251	01010	39433	04218	83818	81918	
Sule Skerry	010	32737	81018	98011	33500	06219	83925		
Cape Wrath	049	42736	83028	99509	43500	03217	84920		
Stornoway	026	32519	80028	03509	39400	05219	83917		
Benbecula	022	72923	80258	06109	594/3	07219	85918		
Tiree	100	72723	66878	09109	59462	05223	83915	84820	86072
Aldergrove	917	62415	82258	15210	5256/	06015	85820		
Malin	980	62631	82259	12411	634//	04117	86918		
Belmullet	976	72620	73038	16511	63432	06313	81718	85920	
Birr	965	72313	82018	19511	585/2	07208	82822	84640	85070
Dublin	969	22517	86011	18410	12532	05216	81824		
Shannon	962	72516	83038	20213	58576	07213	83820	83635	85462
Roches Point	952	82719	80038	22313	18447	08216	81818	88270	
Valentia	953	72411	75258	21713	3857/	08210	82824	87458	

OBSERVATIONS at 18h. — 20 October 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	62511	74028	25309	38532	07313	81825	83635	86075
Hurn	862	62412	75021	26113	12641	06310	81830	86070	
Thorney Island	871	72612	69028	25913	12641	08312	81830	83365	86075
Manston	797	22412	85038	24109	00902	07210	82072		
Gatwick	776	62309	80028	25408	00908	05216	86280		
Kew	775	52306	74028	24411	00902	06314	85075		
Heathrow	772	52412	75038	24511	00902	07212	85075		
Honington	586	12409	80026	22209	14531	06316	81620		
Wattisham	590	32509	74028	22708	10932	06309	81365	83072	
Gorleston	497	22312	60011	20510	20930	06108	82360		
Aberporth	502	82214	66801	23111	6847/	07209	84815	86650	88462
Ross-on-Wye	627	62308	77021	23411	24541	07317	82625	84075	
Filton	628	72413	74039	24711	38542	07208	82820	84362	87075
Rhoose	715	72618	82018	24412	32531	06307	83822	83362	87075
Chivenor	707	52518	80018	25513	32632	09206	83830	84075	
Mount Batten	827	42713	80031	27013	28503	09208	81820		
St. Mawgan	817	22311	74011	26912	12532	09206	81820		
Scilly	804	52513	74038	27413	32508	10206	83820	84275	
Culdrose	809	32812	80021	27013	18531	11304	81820		
Guernsey	894	62613	82038	28913	58502	09308	83824	85645	
Elmdon	534	52510	65018	22410	20932	05314	82362	85072	
Cardington	559	52316	66039	23210	49602	07318	82630	83935	
Wittering	462	32512	80038	21310	11531	05314	81825		
Watnall	354	22210	74021	21009	19541	06221	81925		
Shawbury	414	72511	69611	21909	5552/	07215	81620	85650	88460
Finningley	360	32617	69011	18711	12633	05210	81830		
Kilnsea	396	62724	66028	18210	2257/	06219	82820	86360	
Leeming	257	12811	74258	17709	19500	04317	81920		
Tynemouth	262	22718	81028	15507	29500	05226	82920		
Carlisle	222	42713	80018	16509	38531	05223	82822		
Valley	302	82528	80801	21111	3457/	09314	83826	88458	
Ringway	334	72312	62911	20510	7953/	06216	82925	83830	85640
Squires Gate	318	72720	75031	19012	6947/	06213	81918	85825	87360
Ronaldsway	204	42815	81258	19010	29571	05315	81920	83358	
Mull of Galloway	131	12616	84011	16909	12500	04314	81825		
Eskdalemuir	162	82719	62818	16005	892//	03120	83705	88920	
Prestwick	135	32919	64018	14909	39463	03215	81816	81918	
Abbotsinch	140	32418	68258	13108	29563	04117	81820	81924	
Leuchars	171	22513	80018	10906	18543	04217	81820		
Dyce	091	42514	84012	08207	30932	02221	83362	83070	
Lerwick	005	63012	80258	97707	694//	06336	83912	85630	
Wick	075	32517	86038	04407	29430	03221	81916		
Sule Skerry	010	72730	66808	02009	734//	08225	87915		
Cape Wrath	049	52738	83038	03009	42560	03217	84820	85360	
Stornoway	026	12716	80018	08108	12600	05227	81830		
Benbecula	022	22926	80258	10709	29400	05225	82916		
Tiree	100	42719	80258	12609	49300	05224	81709	81915	83818
Aldergrove	917	52412	82038	18308	38531	05218	82820	83070	
Malin	980	62827	83258	16410	534/2	04224	85917		
Belmullet	976	82508	81808	19009	53438	07212	82718	83920	88270
Birr	965	82007	66606	21109	6647/	08305	84715	86628	88460
Dublin	969	82805	80608	21008	5647/	06317	84717	83630	88459
Shannon	962	82207	62606	21110	7732/	09204	81708	86720	87458
Roches Point	952	82416	75808	22813	874//	11305	85712	88640	
Valentia	953	82408	56608	22213	3642/	11307	83710	88550	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01141	039	pr_o	+
Hurn	862	00151	056	+	+
Thorney Island	871	92161	062	pr_o	+
Manston	797	93151		+	pr_o
Gatwick	776	97151	050	pr_o	+
Kew	775	02141	039	pr_opR	+
Heathrow	772	02151	034	r_opr	+
Honington	586	92131		r_o	+
Wattisham	590	01121	017	+	ir_opr
Gorleston	497	00130	014	+	+
Aberporth	502	01131	036	pr	$pr_or_or_oR$
Ross-on-Wye	627	97141	038	pr_o	+
Filton	628	06132	026	pr_opHR	pr_o
Rhoose	715	94141	045	pr_o	pr_o
Chivenor	707	97151	051	pr_o	+
Mount Batten	827	93151	066	pr_o	+
St. Mawgan	817	01151	062	pr	+
Scilly	804	01161	067	pr_o	+
Culdrose	809	97151	064	pr_o	+
Guernsey	894	93161	057	pr	pr_o
Elmdon	534	97131	040	pr_o	ir_o
Cardington	559	01131	032	$tlHRpr_o$	+
Wittering	462	91131	034	pr_opr	+
Watnall	354	97131	045	jp	pr_o
Shawbury	414	02131	054	pr_opRphr	r_or
Finningley	360	02141	058	pr_o	$prpr_o$
Kilnsea	396	94121	024	pr_o	pr_oprpr_o
Leeming	257	92121	030	pr_o	pr_o
Tynemouth	262	97111	023	+	pr_o
Carlisle	222	01111	062	pr_o	$prpr_o$
Valley	302	91131	013	+	pr_oir_o
Ringway	334	03121	067	+	$t_olo_opR-pr_o$
Squires Gate	318	92131	051	+	pr_opr
Ronaldsway	204	97131	023	+	pr_o
Mull of Galloway	131	00110			
Eskdalemuir	162	10091	021	$prpRph_opr_o$	$prpRpr_o$
Prestwick	135	11101	003	$pr_oprpRpH$	pr_o
Abbotsinch	140	03101	016	$prpr_o$	pr_o
Leuchars	171	97111	062	pr_o	pr_o
Dyce	091	00110	049	+	+
Lerwick	005	05101	023	pr_opr	pr_opr
Wick	075	93111	075	pr_opr	pr_opr
Sule Skerry	010	04111			
Cape Wrath	049	02091	057	ph_opr_o	pr_o
Stornoway	026	01102	049	ph_or_o	pr_o
Benbecula	022	01101	017	pr_o	pr_o
Tiree	100	02111	032	$pr_oprpHRphr$	pr_ophr
Aldergrove	917	03111	030	pr_opr	pr_o
Malin	980	0311	024		
Belmullet	976	0312	019		
Birr	965	0112	020		
Dublin	969	9712	041		
Shannon	962	0313	027		
Roches Point	952	9714	058		
Valentia	953	0613	011		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.D

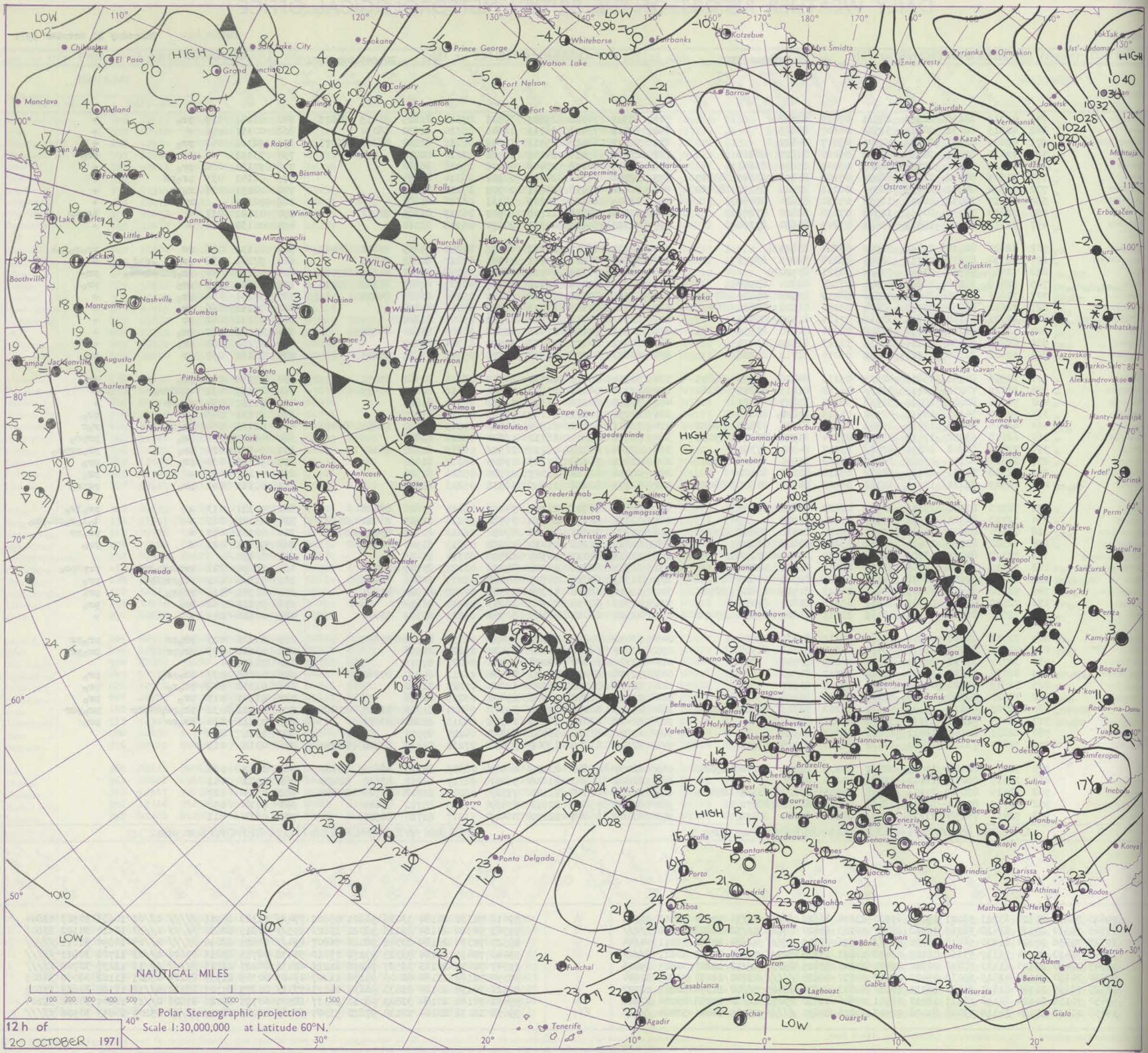
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70335	20124	63223	98021	09403	65500	81104	86622	/////	0//51	10624	30503	99/04
B	99565	70510	20124	83428	98268	16302	885//	00103	83820	88625	0//52	10608	30708	/////
C	99528	70356	20124	81830	96616	83406	843//	00516	88609	/////	0//04	10892	31011	04344
D	99440	70410	20124	73337	97162	08109	52478	00121	85815	842//	0//00	11737	30811	/////
E	99347	70480	20123	63533	97806	00520	22470	00303	82815	85357	0//18	12227	30505	19806
I	99590	70190	20124	42815	99038	09407	22462	00337	82815	/////	05702	11070	30805	32804
J	99525	70199	20124	81812	98022	15511	1451/	00803	81820	88465	0//08	11374	30101	28107
K	99450	70158	20124	62018	98011	28017	18501	00606	81830	85073	0//10	11758	30000	30204
M	99658	10018	20124	30118	97028	89008	22543	00215	82830	/////	05105	10841	30404	/////

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	99618	70332	20184	73226	96801	05802	794//	81326	85915	/////	0//01	10633	30503	02804
B	99565	70510	20184	83115	98022	13603	855//	00815	88630	/////	0//53	10610	30302	33806
C	99527	70374	20184	80342	98026	76807	854//	00621	88610	/////	0//05	10890	31011	/////
D	99440	70410	20184	73325	97278	05810	58478	00715	83815	85620	0//03	11708	30811	/////
E	99347	70479	20183	73527	98258	11216	62431	00227	86815	/////	0//16	12235	30708	/////
I	99590	70189	20184	60000	99158	11207	49405	00305	81915	83269	05801	11102	30000	34805
J	99526	70199	20184	81633	96636	04213	7732/	00875	87707	88520	0//12	11360	30607	17807
K	99451	70160	20184	51823	98012	26317	18501	00715	80020	81826	0//11	11801	30602	31204
M	99658	10016	20184	70122	97812	93307	6956/	00223	86925	/////	05204	10853	30506	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
CIVIL TWILIGHT (Mid-October)
O.W.S.
Chihuahua
El Paso
Midland
Monclova
San Antonio
Fort Worth
Dodge City
Lake Charles
Little Rock
Kansas City
Minneapolis
Boothville
Nashville
Montgomery
Columbus
Chicago
Detroit
Tampa
Jacksonville
Augusta
Charleston
Pittsburgh
Toronto
Ottawa
Montreal
Washington
Norfolk
New York
Boston
Caribou
Anticosti
Ormouth
Goose
Sydney
Sable Island
Glace Bay
Bermuda
Cape Race
Salt Lake City
Spokane
Grand Junction
Billings
Calgary
Edmonton
Rapid City
Bismarck
Winnipeg
Prince George
Watson Lake
Fort Nelson
Fort Smith
Whitehorse
Fairbanks
Kotzebue
Barrow
Inuvik
Coppermine
Sachs Harbour
Cambridge Bay
Churchill
Gore Lake
Resolute
Nachina
Winisk
Moosonee
Port Harrison
Nottingham Island
Fort Chimo
Cape Dyer
Resolution
Nain
Hebron
Godthaab
Frederikshab
Narssarssuaq
Prins Christian Sund
Angmagssalik
Keflavik
Reykjavik
Thorshavn
Stornoway
Lerwick
Glasgow
Belmullet
Belfast
Valentia
Holyhead
Aberporth
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Clermont
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Luleå
Haparanda
Oulu
Sodankylä
Murmansk
Arkhangel'sk
Ob"jačevo
Kotlas
Vologda
Sandarsk
Gor'kij
Kirov
Perm'
Kamyšlov
Penza
Kazan'
Moskva
Minsk
Bogučar
Rostov-na-Donu
Tuapse
Simferopol
Odessa
Iaşi
Sulina
Ineboiu
Constanţa
Istanbul
Konya
Sofia
Skopje
Beograd
Zagreb
Klagenfurt
Venezia
Genova
Ancona
Roma
Napoli
Brindisi
Larissa
Athinai
Rodos
Heraklion
Mathon
Ajaccio
Barcelona
Mahon
Alicante
Oran
Alger
Bône
Tunis
Malta
Gabes
Misurata
Laghouat
Ouargla
Adem
Bening
Gialo
Danmarkshavn
Ittoqqortoormiit
Jan Mayen
Nord
Uppernavik
Godthaab
Frederikshab
Narssarssuaq

18h of 20 OCTOBER 1971

Mean Sea Surface Isotherms

00h of 21 OCTOBER 1971

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

06h of 21 OCTOBER 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday 21 October 1971

The depression over Norway with an associated trough to the south of Iceland has maintained a strong to gale unstable westerly airstream over the British Isles for much of the past 24 hours. A deepening complex depression over the central North Atlantic, moving northeast, is expected off the south of Iceland by tomorrow morning. Its associated warm front, already into northeast and eastern Ireland, is moving northeast and will have brought moist southwesterlies into all parts of the British Isles by midnight tonight. The associated cold front will move into the north and west of the British Isles by tomorrow morning but it is expected to become slow-moving with waves moving northeast along it.

Code FM 11.D

OBSERVATIONS at 00h. — 21 October 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	42511	69021	27010	00902	08206	84075		
Hurn	862	62409	65031	27913	40932	10104	84358	86070	
Thorney Island	871	32413	74031	27813	35600	09006	83630		
Manston	797	52312	82011	26609	00908	06107	85275		
Gatwick	776	82511	67022	27509	5577/	07108	85656	88358	
Kew	775								
Heathrow	772	62107	75021	26611	6093/	08105	86359		
Honington	586	52515	74016	24210	20932	07205	82360	84075	
Wattisham	590	52511	62011	24908	35630	07102	83630	84360	
Gorleston	497	02507	60020	23910	00900	07205			
Aberporth	502	72515	59018	24613	784//	11206	83815	87640	
Ross-on-Wye	627								
Filton	628	62415	74808	26211	685//	09102	84822	84645	
Rhoose	715	72617	80038	25913	754//	10105	87619		
Chivenor	707	72715	78022	27114	5553/	10105	85626	87359	
Mount Batten	827	82708	80031	28913	1553/	11107	82629	88359	
St. Mawgan	817	72210	74021	28612	5547/	11006	82615	85645	87360
Scilly	804	72410	81021	29014	755//	11106	87628		
Culdrose	809	62714	80012	28613	2253/	12006	82820	85359	
Guernsey	894	42514	82011	30413	11402	10105	81818	84075	
Elmdon	534	72310	65606	24410	756//	09111	82633	86643	
Cardington	559	82212	74616	25310	886//	08107	81830	88633	
Wittering	462	82310	66586	24409	855//	08111	88625		
Watnall	354	72208	61608	23809	755//	08208	87626		
Shawbury	414	30000	62026	23809	25501	07207	82625	83076	
Finningley	360	12411	64028	22309	15700	07209	81650		
Kilnsea	396	82724	66036	21509	5257/	06308	85820	88360	
Leeming	257	30000	82010	21108	30930	04215	83362		
Tynemouth	262	02727	81020	18708	00900	05218			
Carlisle	222	62615	75038	19909	685//	05113	81825	86635	
Valley	302	32612	74018	23310	35400	09103	83618		
Ringway	334	72305	59609	23209	784//	07208	81814	87628	
Squires Gate	318	22816	80018	22411	28500	07310	81822		
Ronaldsway	204	12410	80011	22109	15600	06113	81630		
Mull of Galloway	131	02416	04020	20209	00900	04114			
Eskdalemuir	162	81407	64038	20005	863//	04324	88706		
Prestwick	135	22815	80030	18809	18401	06112	81816		
Abbotsinch	140	12516	82018	17208	18501	06209	81825		
Leuchars	171	02514	82020	15306	00900	03218			
Dyce	091	02717	84020	13207	00900	02225			
Lerwick	005	52909	82021	05107	584//	05233	81815	85628	
Wick	075	62512	80038	10407	694//	06232	82918	86627	
Sule Skerry	010	52924	74038	09210	53500	07235	85920		
Cape Wrath	049	62730	83038	10508	635//	07244	86920		
Stornoway	026	12610	80258	13907	12500	04228	81820		
Benbecula	022	32813	80028	15809	38500	05215	81820	83626	
Tiree	100	52710	70258	17108	594//	05215	85918		
Aldergrove	917	32007	75031	21505	15601	05213	81630	83070	
Malin	980	32112	82018	19108	20402	05109	81817		
Belmullet	976	81509	64618	18710	854//	09811	83717	88637	
Birr	965	81005	70026	22610	6557/	09001	86628	88459	
Dublin	969	32303	80026	22908	35600	07104	83640		
Shannon	962	71810	66036	21911	5567/	09005	85640	85460	
Roches Point	952	82306	70038	24312	864//	11801	84712	88632	
Valentia	953	82113	62606	21814	864//	11810	85718	88638	

OBSERVATIONS at 06h. — 21 October 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	72411	64021	27811	7093/	09107	87359		
862	72307	65032	28813	1563/	11205	81640	87360	
871	72610	74031	28713	756//	11308	85640	87656	
797	62509	82031	27711	15651	09114	81632	86368	
776	62407	65012	28211	5577/	09008	85656	86459	
775	62205	74021	27311	40832	09209	84357	84075	
772	62307	75022	27711	6093/	09208	86358		
586	72306	66012	26109	45532	08210	82624	83640	86075
590	52408	58011	26908	55300	07112	82709	84620	
497	02406	60020	25609	00900	08208			
502	62113	59011	25012	28432	11501	81818	85070	
627	72405	77022	26412	1157/	11105	81825	83360	87465
628	72208	80028	27312	3843/	10201	81818	83656	87362
715	62213	80026	26813	38501	11500	81820	83650	85075
707	62209	74032	27513	35531	11400	83623	83362	85075
827	62414	80011	28714	653//	13001	81706	86623	
817	32110	74011	28312	15630	11301	81640	83360	
804	22313	82020	28114	25500	12502	82628		
809	22517	78011	28213	28600	13504	81830		
894	62612	82031	31113	46331	11104	84708	84075	
534	72104	65026	25610	15678	09003	81630	85359	86462
559	32210	58036	26409	35630	09305	83630		
462	72404	62026	25408	25672	08009	82630	84365	86078
354	72308	48106	24808	15756	08202	81656	86362	87272
414	72006	61041	24810	3557/	08102	81628	83630	87361
360	71706	62031	24008	35608	07107	83635	87272	
396	42617	63031	23409	12571	07208	81820	83360	
257	82307	85021	23009	30947	04207	83362	88270	
262	72607	74021	21308	7097/	04107	87358		
222	72006	65601	21108	4567/	05001	84633	87358	
302	82120	74606	22313	3547/	12008	83616	88458	
334	51906	75016	23909	35602	07400	83630	84070	
318	81910	58018	23210	5552/	10400	85621	88543	
204	81914	65616	21111	854//	10812	83711	83625	88656
131	81825	63636	19111	874//	08818	88715		
162	81904	66036	20904	857//	04000	88650		
135	81907	60606	19108	3542/	06006	82618	88460	
140	81905	75601	18308	3557/	06004	81620	83630	88462
171	72312	80031	17007	25606	05105	82645	87275	
091	72409	70031	16305	30932	02107	83365	87070	
005	62908	82258	09807	604//	05219	82815	86625	
075	62512	74031	13506	685//	03307	81820	83630	85645
010	52919	81018	11509	53500	07202	85920		
049	52720	85018	12409	53500	07202	85920		
026	72008	80031	12707	1247/	05723	81818	87359	
022	81812	65628	12408	6542/	06731	83711	86633	88460
100	81723	50636	13810	7542/	08831	83712	87627	88550
917	81714	56616	17409	852//	08731	83705	85707	88615
980	81617	56616	13709	863//	08849	84709	88640	
976	82133	58215	11814	863//	13631	83708	88712	
965	81812	66026	19113	6642/	10619	83717	86630	88458
969	82010	70216	20012	3562/	09716	83645	88458	
962	82018	66026	18514	5567/	11716	83630	84645	88458
952	82225	70022	22214	864//	13000	83710	88716	
953	82016	62026	19315	854//	13813	83816	88635	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00081	07	+	+
862	00101	06	+	+
871	00111	09	+	+
797	00091	06	+	+
776	00061	02	+	+
775	00091	06	+	+
772	00091	07	+	+
586	97091	07	r_o	+
590	00071	05	+	+
497	00080	04	+	+
502	02111	10	r_or_oR	+
627	00111	08	+	+
628	95111	10	pr_opr	+
715	97121	11	ir_o	pr_o
707	00121	11	+	+
827	00131	11	+	+
817	00111	07	+	+
804	00131	10	+	+
809	00120	13	+	+
894	00130	10	+	+
534	92091	06	$ir_or_or_o$	+
559	91091	06	$r_or_od_o$	d_o
462	91081	04	$d_or_oir_o$	+
354	97071	03	r_o	r_o
414	97081	07	+	d_or_o
360	91071	05	pr_o	r_or_o
396	93080		r_or_o	ir_o
257	92071	03	+	jpr_or_o
262	01082	05	+	rr
222	02061	02	+	r_or_orr
302	97101	07	+	ir_o
334	94071	06	pr_or_o	r_or_o
318	94091	08	pr_o	r_or_or
204	02091	06	+	$irir_o$
131	05091			
162	04031	51	r_o	rrr_o
135	06072	05	+	$ir_or_or_orr$
140	03051	03	pr_o	ir_orr
171	03051	02	+	r_oRr
091	00030	00	+	+
005	01071	05	pr_o	pr_o
075	01051	04	$prpr_o$	+
010	93081	07		
049	02071	06	pr_o	pr_o
026	06042	00	pr_o	irrr
022	10072	06	pr_o	rr
100	11081	05	pr	ir_orrRr
917	04042	02	r_o	$r_or_orrr_or_oir_o$
980	05071	06		
976	12081	05		
965	93091	06		
969	01081	04		
962	97101	08		
952	92111	10		
953	01101	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70335	21004	60721	97808	00504	69402	11713	84915	/////	0//03	10648	30503	34005
B	99565	70510	21004	80000	98022	10803	855//	00710	88625	/////	0//54	10611	30000	31805
C	99529	70375	21004	83648	97616	89106	6732/	00279	86706	88520	0//04	10948	31214	/////
D	99440	70410	21004	63634	97802	07110	68400	00110	86815	/////	0//08	11679	30709	/////
E	99349	70478	21003	43527	98031	16517	42400	00123	84815	/////	0//11	12192	30809	/////
I	99590	70188	21004	81210	97032	06807	5552/	31833	85625	88460	05803	11110	30603	34805
J	99525	70199	21004	82033	96026	00915	854//	41712	85710	88630	0//14	11360	30909	99/10
K	99451	70160	21004	81826	97031	25518	857//	00808	88650	/////	0//14	11765	30604	31203
M	99659	10020	21004	73522	97801	98306	68500	00223	87925	/////	05404	10842	30507	/////

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	99622	70326	21064	50714	98808	00704	59400	21712	84915	/////	05401	10642	30402	34005
B	99566	70525	21064	81910	97852	08702	824//	71506	88815	/////	0//55	10610	30502	31904
C	99527	70370	21064	63339	97016	96308	46320	00235	84606	86425	0//04	11002	31212	/////
D	99440	70410	21064	23629	98020	09308	28400	00317	81815	/////	0//04	11679	30708	/////
E	99347	70479	21063	43520	98028	17515	42400	00105	84818	/////	0//11	12188	30888	/////
I	99590	70181	21064	81142	95636	91007	872//	31785	88705	/////	05807	11124	30807	99/05
J	99525	70200	21064	82137	95516	97115	872//	41512	86704	88710	0//15	11362	30909	18810
K	99453	70158	21064	81822	96036	24018	855//	00508	88623	/////	0//16	11746	30706	/////
M	99659	10020	21064	63627	97808	03006	59560	00227	85925	/////	05303	10858	30508	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40146

Date of Issue Friday 22 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 21 October 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	80022	28215	52532	10804	85828	83360	86075
Hurn	862	62316	80012	29516	41501	10601	84820	85075	
Thorney Island	871	52418	83018	29317	28471	11605	82818	83075	
Manston	797	62214	83022	28616	22531	11708	82825	83362	
Gatwick	776	52517	80022	28917	48530	11806	83828	83656	
Kew	775	72311	74032	27916	52531	10705	85825	84363	
Heathrow	772	52415	75011	27817	22532	10707	82825	84363	
Honington	586	82314	78036	26115	11577	10807	81822	83467	88272
Wattisham	590	72515	66022	27014	1153/	10808	81822	87365	
Gorleston	497	72112	60021	26413	3563/	11703	83630	87360	
Aberporth	502	72023	62022	24314	21478	10603	82818	85460	87272
Ross-on-Wye	627	82310	81022	25315	855//	11708	88625		
Filton	628	72314	74012	27415	18548	10707	81820	83361	86075
Rhoose	715	72416	81031	27615	18572	10002	81820	86070	
Chivenor	707	72320	78022	28216	51508	10400	85826	87273	
Mount Batten	827	72319	80032	29715	12532	12000	81820	86072	
St. Mawgan	817	72121	74021	28716	42506	10802	84820	85275	
Scilly	804	62215	74031	28315	22408	11604	82818	86275	
Culdrose	809	62422	80021	29216	28505	13307	82820	83072	
Guernsey	894	62419	82022	31515	11402	11704	81818	86075	
Elmdon	534	72113	65016	24914	6547/	11808	86614	87360	
Cardington	559	72414	74031	26615	4843/	11604	83818	83650	87360
Wittering	462	82313	80022	24914	4547/	11808	82712	83618	86362
Watnall	354	72114	59016	23314	4847/	11712	82815	84650	85362
Shawbury	414	72416	78026	23115	58542	10711	83825	83645	85365
Finningley	360	72218	61026	21715	35771	11824	83650	85362	87075
Kilnsea	396	82016	61216	22912	8097/	10817	88460		
Leeming	257	61915	40046	19212	6543/	10833	84614	83635	
Tynemouth	262	81918	48616	16410	8062/	10747	88540		
Carlisle	222	82220	59616	14813	6542/	12742	82712	84618	86645
Valley	302	72137	62016	20115	5547/	12808	83614	84618	87462
Ringway	334	72015	70016	22015	6847/	10513	83818	85625	86360
Squires Gate	318	72326	70016	20115	15472	11719	81617	86360	
Ronaldsway	204	82125	64026	17015	7542/	12619	81714	87656	88464
Mull of Galloway	131	81944	63026	12713	8097/	12526	88460		
Eskdalemuir	162	82130	61636	13611	873//	11642	88707		
Prestwick	135	82220	62216	11413	65422	11631	82615	86618	87459
Abbotsinch	140	82027	50636	09712	6732/	12646	82708	85710	88550
Leuchars	171	81412	59636	10209	7522/	06766	85704	87623	88459
Dyce	091	81617	56636	10408	7737/	07754	83708	86712	88460
Lerwick	005	81809	82022	08609	1847/	07720	81815	85359	88462
Wick	075	81416	60636	07407	3732/	05753	83709	83620	88557
Sule Skerry	010	81619	48638	05707	873//	07751	88706		
Cape Wrath	049	81412	58636	02206	874//	06787	88710		
Stornoway	026	81514	20656	99211	863//	11784	88706		
Benbecula	022	82330	22636	99713	862//	13646	84704	85706	88708
Tiree	100	82230	50616	03914	863//	14632	84706	88710	
Aldergrove	917	82219	70606	13114	853//	12515	82708	86713	88620
Malin	980	82136	62615	07815	873//	14713	87708	88630	
Belmullet	976	82137	56505	10216	862//	15703	83703	87707	86635
Birr	965	82117	75022	17616	864//	12706	85718	86636	
Dublin	969	82323	80022	17015	6547/	11708	81718	86632	88460
Shannon	962	82020	80022	17716	6557/	13304	82620	85640	87460
Roches Point	952	82226	62505	21514	863//	13500	88708		
Valentia	953	82126	61606	19015	864//	14301	88711		

OBSERVATIONS at 18h. 21 October 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	62417	69012	26313	35502	10802	83620	85075	
Hurn	862	72316	75022	27815	65532	11503	86620		
Thorney Island	871	62417	78031	27914	42532	11502	84820	83068	
Manston	797	72215	81022	26713	11608	10602	81830	87272	
Gatwick	776	72314	70032	27513	61502	10500	86821	85080	
Kew	775	72212	74032	26114	11506	09201	81826	87072	
Heathrow	772	52215	75021	26014	14508	09603	81625	85278	
Honington	586	72110	80022	23614	7097/	09705	83362	87465	
Wattisham	590	72415	70012	24113	30938	09706	83365	87275	
Gorleston	497	52115	60012	22515	5091/	10715	85460		
Aberporth	502	82023	61022	22014	7552/	12500	87620	88462	
Ross-on-Wye	627	72314	77022	23714	755/1	11605	87625		
Filton	628	72314	66022	25614	15678	10807	81640	83460	87272
Rhoose	715	72420	75012	25114	18402	10716	81816	87075	
Chivenor	707	62319	72012	25815	28538	11710	81822	83362	86272
Mount Batten	827	82318	59032	28415	854//	13502	87711	88630	
St. Mawgan	817	72115	66012	27314	56378	12503	82709	84711	86275
Scilly	804	72216	61031	26715	755//	13707	87623		
Culdrose	809	62318	72031	27414	47332	14609	84708		
Guernsey	894	62315	81031	30115	00902	11804	86075		
Elmdon	534	72216	65022	22514	5553/	09508	85624	87360	
Cardington	559	72113	64031	24014	7097/	10707	87360		
Wittering	462	72319	82022	21814	7097/	09509	83359	87464	
Watnall	354	82115	56032	21014	854//	11505	88616		
Shawbury	414	72521	80032	20114	6547/	10713	81615	83618	85656
Finningley	360	82314	74032	19715	855//	10302	88626		
Kilnsea	396	72428	66022	18014	2567/	10717	82630	87360	
Leeming	257	82214	66025	16115	854//	12506	88615		
Tynemouth	262	82325	61026	11515	855//	13612	88625		
Carlisle	222	82320	66216	11815	854//	13712	85712	88630	
Valley	302	82136	58052	18115	863//	13811	82707	88709	
Ringway	334	72112	65022	19515	55442	10000	85617	83360	86075
Squires Gate	318	82328	65032	17314	854//	13509	83711	88614	
Ronaldsway	204	72124	61012	14615	653/2	13606	81707	86650	87072
Mull of Galloway	131	82140	66022	10814	6562/	14706	86630	88460	
Eskdalemuir	162	82332	48606	09813	872//	12721	82704	85707	88710
Prestwick	135	82424	65026	09116	6542/	14611	83615	86630	88459
Abbotsinch	140	82024	62216	07615	853//	13809	81708	86715	87620
Leuchars	171	72328	66026	03715	56402	13709	85714	87075	
Dyce	091	72012	80016	00915	25638	12621	82630	83365	87270
Lerwick	005	81622	40636	95108	6722/	08876	83703	86707	88520
Wick	075	82219	65636	96214	854//	12727	83710	88632	
Sule Skerry	010	82324	57656	92813	873//	12735	88708		
Cape Wrath	049	82334	32656	92312	873//	12717	88708		
Stornoway	026	82331	57616	95515	863//	15711	85707	88714	
Benbecula	022	82127	56506	97314	853//	13811	84706	86708	88615
Tiree	100	82233	56206	02715	854//	13604	85710	88618	
Aldergrove	917	72220	66206	11115	754//	14709	82710	85714	87626
Malin	980	82135	65102	06217	864//	13610	84710	88626	
Belmullet	976	82135	57505	08116	863//	14710	82706	84711	87630
Birr	965	82014	75205	15816	864//	14705	87717	87635	
Dublin	969	82218	65605	15716	854//	13603	83717	88635	
Shannon	962	72017	80026	16017	755//	14705	82622	87635	
Roches Point	952	82229	58205	19814	863//	14603	88708		
Valentia	953	82124	58106	17416	864//	15501	88710		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00161	034	+	+
Hurn	862	00170	055	+	+
Thorney Island	871	97170	062	pr$_o$	+
Manston	797	00170		+	+
Gatwick	776	00181	036	+	+
Kew	775	00171	054	+	+
Heathrow	772	00181	046	+	+
Honington	586	97171		ir$_o$	+
Wattisham	590	00161	024	+	+
Gorleston	497	00160	009	+	+
Aberporth	502	00151	001	+	+
Ross-on-Wye	627	00161	002	+	+
Filton	628	00161	010	+	+
Rhoose	715	00161	033	jp	+
Chivenor	707	00171	028	+	+
Mount Batten	827	00161	064	+	+
St. Mawgan	817	00161	060	+	+
Scilly	804	00171	074	+	+
Culdrose	809	00160	057	+	+
Guernsey	894	00160	083	+	+
Elmdon	534	97151	002	r$_o$	+
Cardington	559	00171	039	+	+
Wittering	462	00161	007	+	+
Watnall	354	00161	010	+	+
Shawbury	414	00151	000	+	+
Finningley	360	97171	020	r$_o$r$_o$	+
Kilnsea	396	01151	000	rr	+
Leeming	257	97161	003	r$_o$r$_o$d$_o$r$_o$	d$_o$ir$_o$
Tynemouth	262	03161	000	r$_o$r$_o$	r$_o$r$_o$ir$_o$
Carlisle	222	05161	000	rrr$_o$r$_o$r	r$_o$
Valley	302	97161	000	+	id$_o$
Ringway	334	00161	011	+	+
Squires Gate	318	00151	001	+	+
Ronaldsway	204	97151	000	r$_o$	+
Mull of Galloway	131	91140			
Eskdalemuir	162	15141	000	r$_o$r$_o$rRd$_o$	d$_o$d$_o$rir$_o$
Prestwick	135	02171	000	r$_o$r$_o$rrir$_o$	+
Abbotsinch	140	12161	000	rrRRdrd$_o$r$_o$	d$_o$r$_o$ir$_o$
Leuchars	171	06171	000	r$_o$rrr$_o$	r$_o$
Dyce	091	11171	000	r$_o$Rrr	r$_o$
Lerwick	005	18132	000	ir$_o$	ir$_o$rrRr$_o$
Wick	075	23162	000	r$_o$r$_o$rrRR	rrRR
Sule Skerry	010	36132			
Cape Wrath	049	39132	000	r	RR
Stornoway	026	26152	000	RRrr	rririrr
Benbecula	022	17152	000	rrr$_o$	ir$_o$id$_o$r$_o$r$_o$
Tiree	100	14151	000	rRr$_o$r$_o$	did$_o$dd
Aldergrove	917	92162	000	r$_o$	d$_o$ir$_o$r$_o$r$_o$
Malin	980	0318	000		
Belmullet	976	9116	000		
Birr	965	9717	000		
Dublin	969	9716	000		
Shannon	962	9717	000		
Roches Point	952	9715	000		
Valentia	953	9717	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

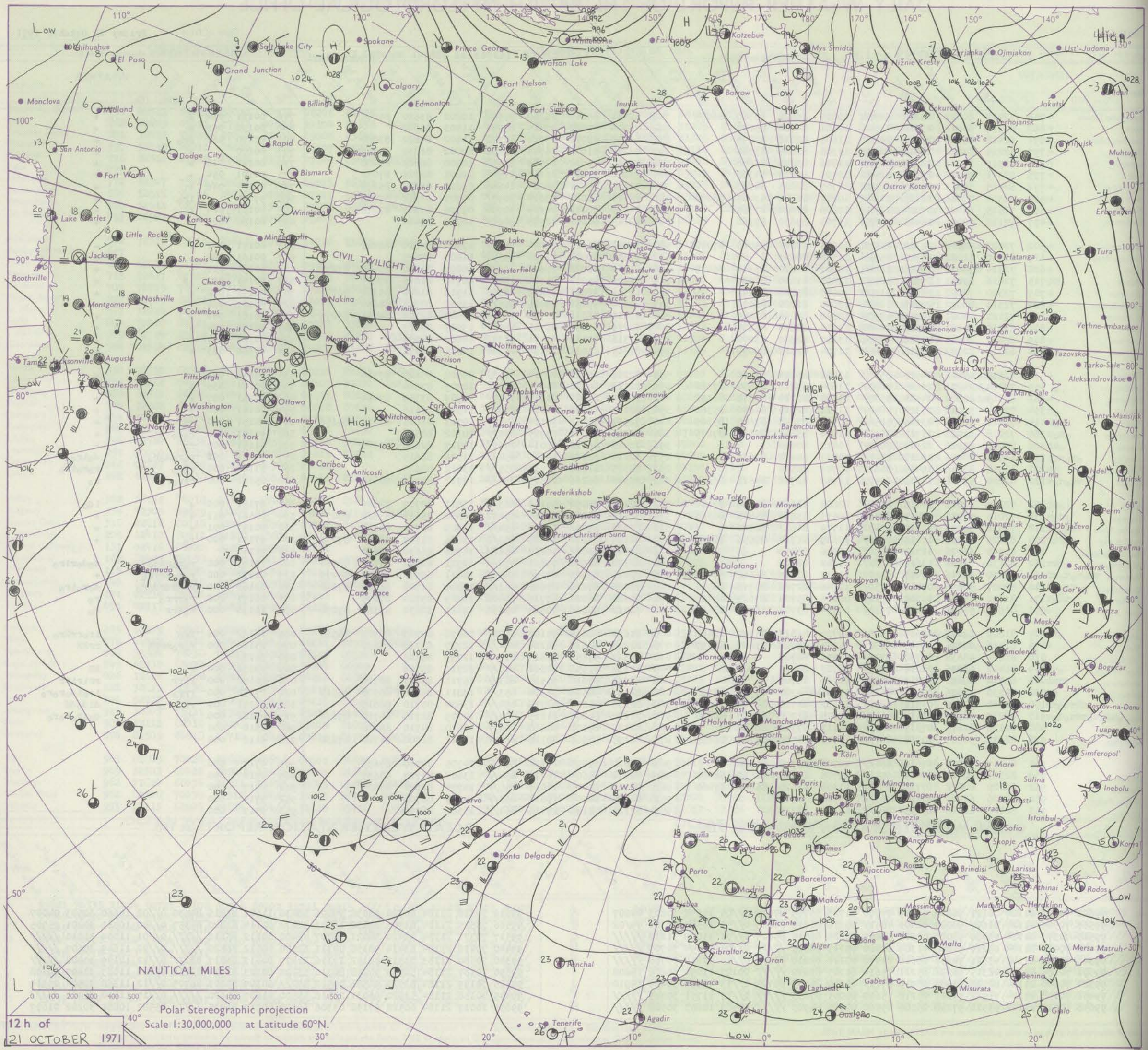
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70323	21124	70121	96806	97305	79200	81723	83705	87916	0//04	10692	30603	04007
B	99567	70525	21124	81607	98027	12501	4842/	00216	81815	84625	0//50	10587	30301	99/02
C	99515	70373	21124	53430	98022	02508	58400	00225	83815	85625	0//01	11009	31112	/////
D	99440	70410	21124	63220	97808	11309	62400	00113	86815	/////	0//05	11694	30708	/////
E	99346	70481	21123	53626	98251	18616	22476	00111	82818	850//	0//11	12217	30708	/////
I	99591	70185	21124	42315	98036	85211	35630	61305	83640	/////	00107	11092	30806	18808
J	99524	70200	21124	82523	93585	98913	872//	00220	86703	88705	0//13	11362	30404	19910
K	99451	70158	21124	71922	97012	25218	75600	00001	87633	/////	0//17	11751	30705	/////
M	99658	10018	21124	53520	97158	06006	49560	00105	84925	/////	05403	10853	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	21184	60320	98038	99006	58430	11601	83815	84630	0//02	10660	30503	04007
B	99566	70525	21184	82905	98152	16003	3247/	00114	83820	85357	0//00	10581	30201	25705
C	99517	70371	21184	43420	98021	05707	42400	00112	85812	/////	0//01	11009	31010	/////
D	99440	70410	21184	63414	98158	09311	62500	00512	86820	/////	0//02	11649	30607	/////
E	99348	70480	21183	83515	98152	17316	31477	00613	83817	882//	0//12	12179	30808	/////
I	99590	70187	21184	52033	97258	80310	53402	00723	82914	83818	05108	11083	30807	99/08
J	99525	70199	21184	82520	94586	99512	872//	00309	85703	88705	0//12	11368	30504	25314
K	99449	70158	21184	51920	96031	23518	55500	41607	85620	/////	0//17	11800	31003	/////
M	99657	10017	21184	60522	97158	03306	69500	00717	86925	/////	05502	10881	30202	01607

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 21 OCTOBER 1971

Mean Sea Surface Isotherms

00h of 22 OCTOBER 1971

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

06h of 22 OCTOBER 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 22 October 1971

The complex depression to the south of Iceland has moved steadily northeast into the Norwegian Sea and has maintained a moist southwesterly airflow over the British Isles. The anticyclone over France has persisted and it is expected to be slow moving for a further 24 hours. An Atlantic depression near the Azores is expected to develop and to make further progress northeastwards towards the Faeroes so bringing further cyclonic activity to northwestern districts.

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

Code FM 11.D

OBSERVATIONS at 00h. — 22 October 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	72513	66012	26113	5542/	12704	83711	85630	87462
Hurn	862	82411	65502	27515	854//	11804	85710	88615	
Thorney Island	871	82519	80022	27115	855//	13807	83620	88625	
Manston	797	82214	82022	25713	15607	10708	81630	88270	
Gatwick	776	72316	70022	26614	754//	12707	82612	86616	87622
Kew	775								
Heathrow	772	82314	75032	25214	75407	11709	81616	85619	88275
Honington	586	82418	74022	22213	8097/	10609	83362	88466	
Wattisham	590	82519	69022	23012	8097/	10509	88365		
Gorleston	497	62320	62012	21714	6091/	10708	86460		
Aberporth	502	81920	58502	22515	854//	13105	85711	88630	
Ross-on-Wye	627								
Filton	628	62212	66022	25815	45438	12000	82715	84635	86272
Rhoose	715	82415	70022	25615	854//	12802	81615	88628	
Chivenor	707	82413	62012	26415	854//	13002	82616	88636	
Mount Batten	827	82416	56022	28015	863//	14605	88706		
St. Mawgan	817	22116	66011	27214	26300	13801	81708		
Scilly	804	22214	66021	27114	25500	14603	82623		
Culdrose	809	42423	60031	27215	45400	14802	82710	84620	
Guernsey	894	02316	80020	29813	00900	11808			
Elmdon	534	82115	65022	21914	854//	12806	88612		
Cardington	559	82218	74031	23113	65437	11610	84716	85632	88275
Wittering	462	72418	69022	20714	3543/	12810	83615	87362	
Watnall	354	52118	59012	19214	55400	12715	81713	84642	
Shawbury	414	52524	80022	19616	55500	11707	82620	84640	
Finningley	360	82416	77012	17915	4567/	12710	84640	88362	
Kilnsea	396	82532	66022	16914	8097/	11807	88460		
Leeming	257	82424	74026	14516	856//	13508	88632		
Tynemouth	262	42318	74021	10416	40930	13011	84358		
Carlisle	222	82521	66022	10316	854//	13711	86714	88635	
Valley	302	82133	56055	18115	863//	14809	83706	88707	
Ringway	334	71809	75022	18615	754//	12706	87618		
Squires Gate	318	72331	68022	16915	754//	13301	81710	87633	
Ronaldsway	204	72121	62032	14315	754//	13303	81710	87643	
Mull of Galloway	131	82038	66022	09915	8092/	13503	88460		
Eskdalemuir	162	82323	61036	09814	863//	13307	88707		
Prestwick	135	82527	63022	07716	5542/	13705	81615	84635	88460
Abbotsinch	140	72122	65216	05516	754//	13813	81715	83622	86634
Leuchars	171	62329	70016	01416	655//	13724	82627	86640	
Dyce	091	62124	75022	98217	65500	12720	86628		
Lerwick	005	82622	48616	88710	872//	10511	84703	88708	
Wick	075	82620	75606	93115	855//	13714	88626		
Sule Skerry	010	82730	48636	91711	873//	11701	88708		
Cape Wrath	049	82329	16656	91611	873//	11701	88708		
Stornoway	026	82526	58616	94912	864//	12601	88710		
Benbecula	022	82316	15636	96413	863//	13306	88707		
Tiree	100	82235	50505	00815	863//	14715	84707	88709	
Aldergrove	917	82320	66216	10517	854//	13609	81710	85714	88619
Malin	980	82240	70606	05517	864//	14801	85718	88635	
Belmullet	976	82133	58505	09116	863//	14205	85707	86712	
Birr	965	82015	75032	16016	864//	13603	85717	86632	
Dublin	969	42326	70016	14916	45500	13805	84624		
Shannon	962	52115	74011	17116	555//	13203	83620	84630	
Roches Point	952	82222	58215	20915	863//	14108	83707	85712	88627
Valentia	953	82021	58102	18216	864//	14801	88714		

OBSERVATIONS at 06h. — 22 October 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	62411	69032	25612	46401	12602	84710	86075	
Hurn	862	82312	70025	26515	854//	13602	82710	88615	
Thorney Island	871	82419	80022	26015	854//	13704	82614	88616	
Manston	797	72315	80022	23914	15408	12602	81615	87275	
Gatwick	776	72314	65021	25214	754//	12504	87615		
Kew	775	62308	70022	24014	664//	12706	86713		
Heathrow	772	72313	75032	24314	754//	12603	87614		
Honington	586	72420	80012	20214	40928	11608	84465	87272	
Wattisham	590	72417	66012	20913	30938	11809	83365	87270	
Gorleston	497	62318	62032	19115	65500	11710	86622		
Aberporth	502	82022	62025	21814	864//	13206	88711		
Ross-on-Wye	627	12110	77021	22415	18501	13610	81820		
Filton	628	22316	66031	25013	25401	11500	81715		
Rhoose	715	22711	75021	25213	15601	12501	81630		
Chivenor	707	22109	62021	25914	25400	12301	82618		
Mount Batten	827	82209	56022	27915	863//	14302	85706	88712	
St. Mawgan	817	72114	66031	26815	763//	13301	87708		
Scilly	804	22018	69020	26215	28500	14607	81823		
Culdrose	809	82416	56101	26714	852//	14201	82704	84710	88620
Guernsey	894	32315	78031	29213	36302	13504	83707		
Elmdon	534	22314	68031	20914	25400	12501	82617		
Cardington	559	82320	70032	21914	55407	12504	83715	84630	88275
Wittering	462	72420	74032	19215	15418	12506	81615	83466	87272
Watnall	354	22316	62031	18914	15401	12303	81618		
Shawbury	414	32621	80021	19215	15501	11802	81620	83075	
Finningley	360	62515	80021	16915	15702	12306	81650	86075	
Kilnsea	396	72626	66031	15515	7097/	12601	87360		
Leeming	257	82523	66026	14516	7543/	12309	87618		
Tynemouth	262	72316	81021	08917	7097/	13602	87358		
Carlisle	222	72424	62022	09616	754//	12507	83715	87623	
Valley	302	72131	59012	18515	764//	14209	87710		
Ringway	334	12312	75031	18216	00901	10211	81075		
Squires Gate	318	12329	65011	16514	15400	13212	81710		
Ronaldsway	204	82221	62022	14815	854//	12205	81710	88620	
Mull of Galloway	131	82030	70022	11215	874//	13708	88715		
Eskdalemuir	162	82427	59605	08814	873//	12501	88707		
Prestwick	135	82424	64606	08916	7542/	14306	81616	83620	87625
Abbotsinch	140	72332	40636	05115	752//	14310	81704	83708	87628
Leuchars	171	62434	70606	00216	654//	14310	81712	86622	
Dyce	091	72717	80211	99018	755//	11220	82620	87626	
Lerwick	005	42530	66018	88110	48400	08303	81815	83620	
Wick	075	32618	82016	95511	25632	08313	82630		
Sule Skerry	010	62437	64016	92712	664//	11215	86710		
Cape Wrath	049	82338	81636	93711	874//	10214	88715		
Stornoway	026	72425	66016	98812	754//	08228	82712	85625	85635
Benbecula	022	72420	74016	01112	5557/	10222	81620	85647	87459
Tiree	100	82524	66216	04913	854//	12230	82710	86618	88627
Aldergrove	917	82318	63026	11616	853//	14208	83707	85710	88615
Malin	980	82336	65606	07516	864//	15324	88714		
Belmullet	976	82128	58505	11515	863//	15215	86708	88714	
Birr	965	82217	66035	16916	864//	13104	86714	86634	
Dublin	969	82317	70031	16415	855//	12315	88622		
Shannon	962	72114	74205	17616	754//	14308	82716	85621	
Roches Point	952	82417	56506	21214	862//	14308	88703		
Valentia	953	22014	60105	19515	22400	14213	82819		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00111	09	+	+
Hurn	862	97151	13	d_od_o	+
Thorney Island	871	00150	13	+	+
Manston	797	97131	09	+	+
Gatwick	776	00131	12	+	+
Kew	775	00131	11	+	+
Heathrow	772	00131	11	+	+
Honington	586	00121	11	+	+
Wattisham	590	00121	10	+	+
Gorleston	497	00130	10	+	+
Aberporth	502	97131	11	$1d_o$	+
Ross-on-Wye	627	00141	12	+	+
Filton	628	00131	10	+	+
Rhoose	715	00131	11	+	+
Chivenor	707	00141	11	+	+
Mount Batten	827	97151	14	+	d_o
St. Mawgan	817	00141	12	+	+
Scilly	804	00141	12	+	+
Culdrose	809	97130	12	+	+
Guernsey	894	00130	12	+	+
Elmdon	534	00141	12	+	+
Cardington	559	00131	12	+	+
Wittering	462	00131	12	+	+
Watnall	354	00131	11	+	+
Shawbury	414	00141	13	+	+
Finningley	360	00150	13	+	+
Kilnsea	396	00120		+	+
Leeming	257	97151	13	r_o	r_o
Tynemouth	262	00151	13	+	+
Carlisle	222	00151	14	+	+
Valley	302	00151	14	+	+
Ringway	334	00141	13	+	+
Squires Gate	318	00141	13	+	+
Ronaldsway	204	00151	13	+	+
Mull of Galloway	131	00130			
Eskdalemuir	162	91131	13	d_or_o	$d_or_oir_o$
Prestwick	135	95151	14	ir_o	$ir_od_or_or_or_o$
Abbotsinch	140	08151	14	r_or_o	$d_or_orrdrdr$
Leuchars	171	97161	14	r_o	rir_o
Dyce	091	97141	13	+	r_o
Lerwick	005	03102	08	r_or_o	pr_o
Wick	075	93111	09	$ir_or_or_o$	r_or_o
Sule Skerry	010	06111	10		
Cape Wrath	049	09081	03	RR	rr
Stornoway	026	03112	09	rrr_or_o	r_or_o
Benbecula	022	08101	10	$r_or_orrir_o$	pr_o
Tiree	100	03121	11	$ddd_od_od_rd_or_o$	$d_or_odrrr_o$
Aldergrove	917	97151	14	r_or_o-r_o	r_o-r_or_o
Malin	980	97151	15		
Belmullet	976	97151	15		
Birr	965	97141	12		
Dublin	969	97141	13		
Shannon	962	97141	13		
Roches Point	952	97141	14		
Valentia	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70327	22004	83614	97508	04105	894//	81124	81915	87625	0//04	10690	30502	04007
B	99565	70517	22004	63322	98262	18304	68400	21101	82818	85630	0//01	10584	30402	28705
C	99522	70367	22004	83514	98255	08106	884//	00207	84810	88620	0//00	10007	30804	36807
D	99440	70410	22004	23612	98020	10410	28400	00801	81815	/////	0//03	11371	30604	/////
E	99346	70478	22003	23611	98011	16516	22400	00807	82818	/////	0//12	12158	30302	35808
I	99590	70187	22004	22620	99021	89610	22400	61252	82818	/////	05107	11006	30806	28807
J	99526	70198	22004	82518	96606	00413	873//	00227	85707	88715	0//12	11362	30403	99/10
K	99450	70160	22004	81919	97012	23718	864//	00804	88616	/////	0//17	11788	31004	/////
M	99658	10020	22004	70725	97158	94006	795//	00757	87925	/////	05403	10877	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70328	22064	53313	98028	07004	59400	81215	84915	/////	05401	10664	30502	04007
B	99565	70510	22064	23018	98261	17203	22500	21810	82825	/////	0//52	10616	30403	/////
C	99525	70358	22064	63510	98022	07006	68400	00710	83810	86620	0//03	10977	30503	36605
D	99440	70410	22064	53611	98021	10010	58400	00603	83815	/////	0//04	11672	30604	/////
E	99347	70480	22063	12410	98011	12618	12400	00827	81817	/////	0//11	12130	30302	35807
I	99588	70187	22064	53615	98026	00509	59400	61257	82816	85620	05306	11066	30804	28807
J	99526	70198	22064	82205	96616	05911	873//	00101	85707	88714	0//11	11369	30000	99/08
K	99451	70157	22064	81721	97032	21617	855//	00606	88625	/////	0//15	11783	31004	/////
M	99658	10020	22064	80528	97806	86506	895//	00720	88925	/////	05404	10856	30507	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40147

Date of Issue Saturday 23 October 1971

Code FM 11.D

OBSERVATIONS at 12h. — 22 October 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	12513	69011	27018	11401	13106	81818		
Hurn	862	42213	62011	28317	45500	13005	84620		
Thorney Island	871	32416	74011	28217	35401	13207	83614		
Manston	797	72317	80022	25318	00901	13005	87080		
Gatwick	776	62315	68031	27318	11401	13110	81818	86075	
Kew	775	22313	74021	25619	00901	13103	82075		
Heathrow	772	42414	75011	26219	00901	13106	84075		
Honington	586	32420	80011	22219	00901	12302	83075		
Wattisham	590	32518	74011	22818	00901	13501	83080		
Gorleston	497	42418	62011	21219	00908	12209	84270		
Aberporth	502	12020	61021	24217	16401	13110	81710		
Ross-on-Wye	627	02410	63020	24619	00900	14104			
Filton	628	62515	74011	27316	68401	13108	83818	85625	
Rhoose	715	52818	63011	27317	55401	14106	81710	85614	
Chivenor	707	42612	72030	27418	45400	14002	84615		
Mount Batten	827	82511	62025	29015	853//	14103	84708	88612	
St. Mawgan	817	52114	61038	28017	56400	14003	84710		
Scilly	804	12110	59010	27917	00901	14207	81080		
Culdrose	809	22415	60051	27716	20401	15003	81810		
Guernsey	894	22312	81010	30316	11402	12007	81810		
Elmdon	534	12419	70021	23219	00901	13213	81075		
Cardington	559	32321	66011	23818	00902	13106	83075		
Wittering	462	12419	74011	21819	00901	13111	81078		
Watnall	354	12318	69010	20919	00901	13307	81081		
Shawbury	414	12618	74011	23319	11501	13217	81820		
Finningley	360	62624	74012	18920	00901	12104	86075		
Kilnsea	396	32628	65011	17717	10972	10304	81360	83075	
Leeming	257	42630	80011	16118	25501	13109	82625	83075	
Tynemouth	262	72538	74022	12219	756//	15218	87635		
Carlisle	222	72427	66032	14517	754//	14225	82715	87635	
Valley	302	82128	59022	22215	862//	14114	88705		
Ringway	334	12413	70020	21719	18501	11015	81820		
Squires Gate	318	82321	63031	21015	854//	13226	87710	88630	
Ronaldsway	204	72307	62012	19616	754//	14228	81713	87616	
Mull of Galloway	131	82420	76022	15015	874//	14223	88715		
Eskdalemuir	162	82223	40516	13615	873//	15127	82706	86708	88713
Prestwick	135	82816	30586	14214	851//	14126	83702	85708	88615
Abbotsinch	140	82518	60616	12913	853//	13141	83707	86712	88650
Leuchars	171	42530	86036	08516	48500	09242	81826	84650	
Dyce	091	32828	84020	06216	11542	05242	81822		
Lerwick	005	72831	58808	94609	783//	07345	81708	85814	
Wick	075	42835	80031	02113	38402	06232	83818		
Sule Skerry	010	62737	66026	01312	635//	11264	86920		
Cape Wrath	049	72339	81158	02711	5857/	07239	83820	85625	87360
Stornoway	026	72621	81026	08712	4843/	08262	81710	83816	87359
Benbecula	022	72619	70018	11813	3547/	09258	81714	83635	87360
Tiree	100	82619	66052	13314	7547/	12241	82712	83621	86630
Aldergrove	917	82316	66022	17416	863//	15230	82707	88709	
Malin	980	82715	24596	15115	861//	14234	85702	88708	
Belmullet	976	82221	58028	16717	863//	14115	84708	84712	
Birr	965	12113	75021	20720	00901	14012	81072		
Dublin	969	12520	75011	19419	11500	14215	81820		
Shannon	962	01705	70051	20820	00900	15106			
Roches Point	952	81909	50505	24014	862//	14004	88704		
Valentia	953	61820	40505	21515	62300	14102	85706		

OBSERVATIONS at 18h. — 22 October 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	22212	58100	28213	15601	12210	81630		
Hurn	862	72409	62038	29015	754//	13308	87611		
Thorney Island	871	72410	62021	28915	754//	13307	87612		
Manston	797	12113	66021	27313	00901	12214	81080		
Gatwick	776	12209	57051	28613	00901	12315	81075		
Kew	775	12106	56050	27615	00901	13316	81080		
Heathrow	772	22108	68020	27516	00901	13316	82075		
Honington	586	32314	74020	24917	00902	13221	83075		
Wattisham	590	12511	65010	25716	00901	13218	81080		
Gorleston	497	02412	60050	23818	00900	13217			
Aberporth	502	71911	58051	26114	763//	12212	87708		
Ross-on-Wye	627	12107	57020	26714	00901	12117	81075		
Filton	628	32406	62011	28014	15601	13309	81640	83075	
Rhoose	715	82908	59031	27915	854//	13307	88616		
Chivenor	707	72003	59101	28016	754//	14206	84712	86618	
Mount Batten	827	72108	61051	29215	753//	14307	85708	87625	
St. Mawgan	817	72012	61021	28415	754//	12307	81710	87612	
Scilly	804	82110	58031	27515	855//	13301	88620		
Culdrose	809	82010	62021	28114	854//	14304	88618		
Guernsey	894	21509	80020	29014	00902	13303	82075		
Elmdon	534	12207	58050	25415	00901	13217	81080		
Cardington	559	02311	48050	26315	00900	13318			
Wittering	462	12412	62020	24716	00901	13220	81078		
Watnall	354	02208	61040	24215	00900	13322			
Shawbury	414	12615	74010	24815	00901	12310	81078		
Finningley	360	12603	66021	23518	00901	13231	81075		
Kilnsea	396	32615	63030	21716	20971	12224	82360		
Leeming	257	13208	66010	21917	15501	13236	81620		
Tynemouth	262	22722	66022	19417	25500	15236	82625		
Carlisle	222	62412	70012	20516	654//	14232	81712	85630	
Valley	302	81925	56502	24814	872//	13223	88704		
Ringway	334	10805	65020	23716	00901	12213	81075		
Squires Gate	318	31106	60031	23113	36400	12214	83710		
Ronaldsway	204	82112	22101	22714	860//	13122	88700		
Mull of Galloway	131	11920	60010	20414	14600	13219	81635		
Eskdalemuir	162	42519	74015	19615	46300	13236	82708	84712	
Prestwick	135	82606	60106	20213	852//	12228	82704	86707	88611
Abbotsinch	140	72314	68206	19013	754//	11224	83712	87616	
Leuchars	171	32210	80011	18213	35700	10255	83650		
Dyce	091	73018	82021	16413	3557/	06149	81628	83645	86359
Lerwick	005	53211	69018	12408	55600	05183	85632		
Wick	075	73112	80028	16009	40402	06263	81818	84635	86070
Sule Skerry	010	83309	74038	15410	5357/	07257	83920	85625	88458
Cape Wrath	049	72712	82028	15910	785//	04256	83820	87625	
Stornoway	026	72103	63022	16610	5543/	08133	82618	85635	
Benbecula	022	61904	80016	16411	654//	10219	81616	86656	
Tiree	100	82109	66036	17613	854//	12115	81712	88637	
Aldergrove	917	11907	60021	20215	15500	13314	81625		
Malin	980	71704	70106	18416	754//	15210	83716	86630	
Belmullet	976	51928	58010	17614	563//	13303	85706		
Birr	965	11307	74020	21415	12500	13303	81823		
Dublin	969	02307	75100	21417	00900	13209			
Shannon	962	51615	74031	21015	55400	13306	82715	84620	
Roches Point	952	81808	50206	24013	863//	13500	85706	88628	
Valentia	953	81810	40506	21315	863//	14802	88708		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00191	070	+	+
Hurn	862	00180	039	+	+
Thorney Island	871	00170	036	+	+
Manston	797	00201		+	+
Gatwick	776	00191	066	+	+
Kew	775	00201	070	+	+
Heathrow	772	00211	070	+	+
Honington	586	00201		+	+
Wattisham	590	00200	070	+	+
Gorleston	497	00210	068	+	+
Aberporth	502	00181	059	+	+
Ross-on-Wye	627	00191	074	+	+
Filton	628	00171	038	+	+
Rhoose	715	00171	046	+	+
Chivenor	707	00191	047	+	+
Mount Batten	827	97171	039	$1d_o$	+
St. Mawgan	817	00180	057	+	+
Scilly	804	00181	070	+	+
Culdrose	809	00160	052	+	+
Guernsey	894	00171	085	+	+
Elmdon	534	00201	072	+	+
Cardington	559	00201	077	+	+
Wittering	462	00211	068	+	+
Watnall	354	00191	069	+	+
Shawbury	414	00191	075	+	+
Finningley	360	00211	078	+	+
Kilnsea	396	00190	073	+	+
Leeming	257	00191	068	+	+
Tynemouth	262	00201	015	+	+
Carlisle	222	00181	009	+	+
Valley	302	97151	000	+	$1d_o$
Ringway	334	00191	081	+	+
Squires Gate	318	00171	031	+	+
Ronaldsway	204	00171	013	+	jf
Mull of Galloway	131	00170			
Eskdalemuir	162	96171	000	$dr d_o d_o$	+
Prestwick	135	02151	000	$r_o r_o d_o d_o dr$	$d_o d_o 1d_o$
Abbotsinch	140	01151	000	$d_o r_o d_o d_o r_o r_o$	$d_o d_o 1d_o$
Leuchars	171	00171	053	+	+
Dyce	091	00171	067	+	+
Lerwick	005	94131	034	pr_o	pr_o
Wick	075	97141	052	pr_o	+
Sule Skerry	010	93121			
Cape Wrath	049	97131	004	pr_o	+
Stornoway	026	97141	011	ir_o	+
Benbecula	022	97131	000	+	r_o
Tiree	100	93141	000	$ir_o ir$	$1d_o$
Aldergrove	917	00191	030	+	+
Malin	980	0416	000		
Belmullet	976	9718	042		
Birr	965	0021	073		
Dublin	969	0021	065		
Shannon	962	0022	083		
Roches Point	952	9714	000		
Valentia	953	9216	017		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

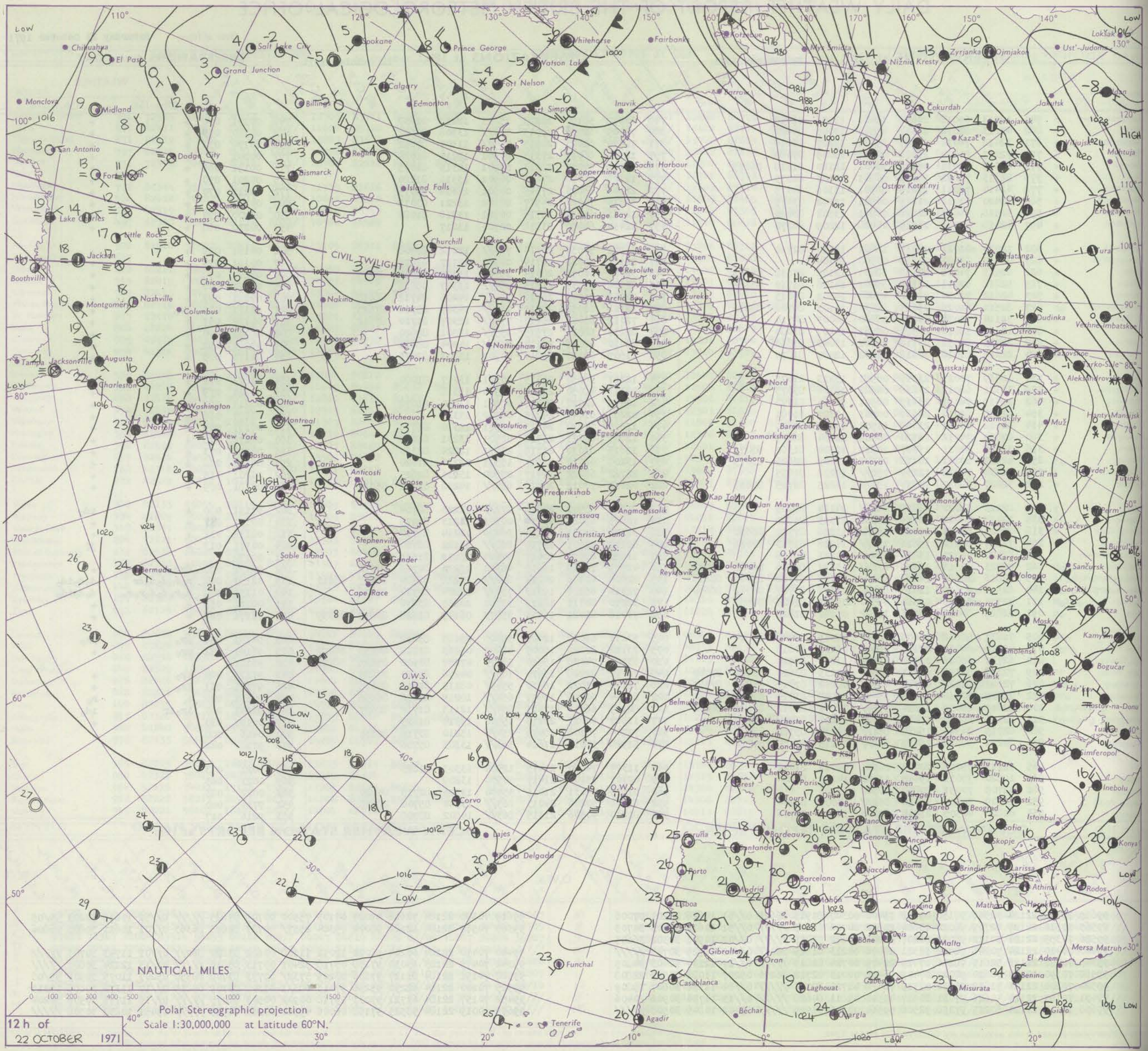
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	22124	72506	98158	09203	79400	00307	81915	86625	0//51	10626	30201	07006
B	99565	70510	22124	62709	98022	15604	25532	00706	82625	/////	0//51	10610	30403	30705
C	99526	70355	22124	30112	98021	06207	32400	00602	83815	/////	0//02	10971	30302	36605
D	99440	70410	22124	70206	98022	12311	28476	00213	81815	860//	0//02	11725	30703	/////
E	99345	70477	22123	52615	98258	07419	22479	00724	82815	/////	0//17	12134	30403	34005
I	99588	70190	22124	70620	98022	07409	26456	00013	82712	86270	05207	11088	30909	22808
J	99524	70200	22124	71832	96036	01715	764/8	41720	87713	/////	0//14	11358	30607	19809
K	99451	70157	22124	41626	97031	20517	45500	41811	84628	/////	0//15	11754	30906	30406
M	99658	10019	22124	60225	97258	92506	59560	00246	85925	/////	05402	10845	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_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	99619	70330	22184	72606	99021	07103	75500	00709	87625	/////	0//52	10618	30201	99/05
B	99565	70510	22184	82128	98022	09304	2557/	00727	82625	86363	0//01	10611	30605	26806
C														
D	99440	70410	22184	60204	98022	12012	11508	00602	81820	862//	0//01	11743	30703	/////
E	99342	70475	22183	63030	97158	05718	52401	00713	85816	/////	0//13	12124	30806	/////
I	99588	70191	22184	81127	97636	00209	3732/	00773	83708	88550	05207	11075	30909	99/08
J	99525	70200	22184	62250	95256	97413	603/1	41308	83709	85815	0//10	11376	30808	19315
K	99452	70157	22184	61721	97031	19718	00902	00503	86075	/////	0//16	11776	30906	30204
M	99659	10019	22184	53525	97158	06006	49560	00268	84925	/////	05451	10832	30508	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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El Paso
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Kresty
Zyrjanka
Ojmjakon
Ust'-Judoma
Lokšak
Monclova
Midland
Billings
Calgary
Edmonton
Fort Simpson
Inuvik
Barrow
Čokurdah
Jakutsk
Verhojansk
Kazač'e
Ostrov Žohova
Ostrov Kotel'nyj
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Mys Čeljuskina
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Nottingham Island
Port Harrison
Clyde
Frobisher
Resolution
Foxe Chimo
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Tunis
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Agadir
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Misurata
Gabes
Mersa Matruh
El Adem
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Murmansk
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Sodanky
Mykerinos
Lulea
Rebolv
Kargopol
Vologda
Sančursk
Gor'kij
Perm'
Ob'ačevo
Hanty-Mansijsk
Muž
Mare-Sale
Aleksandrovsk
Dudinka
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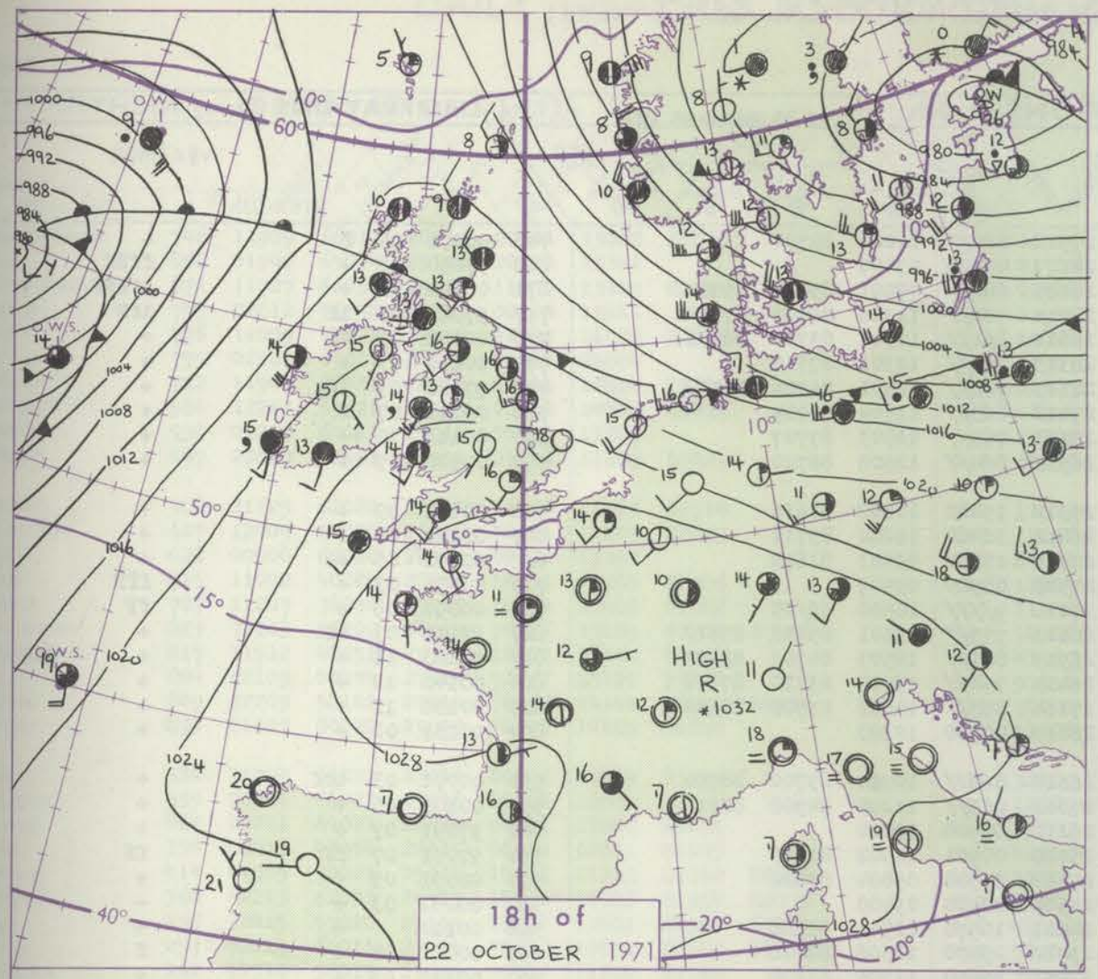
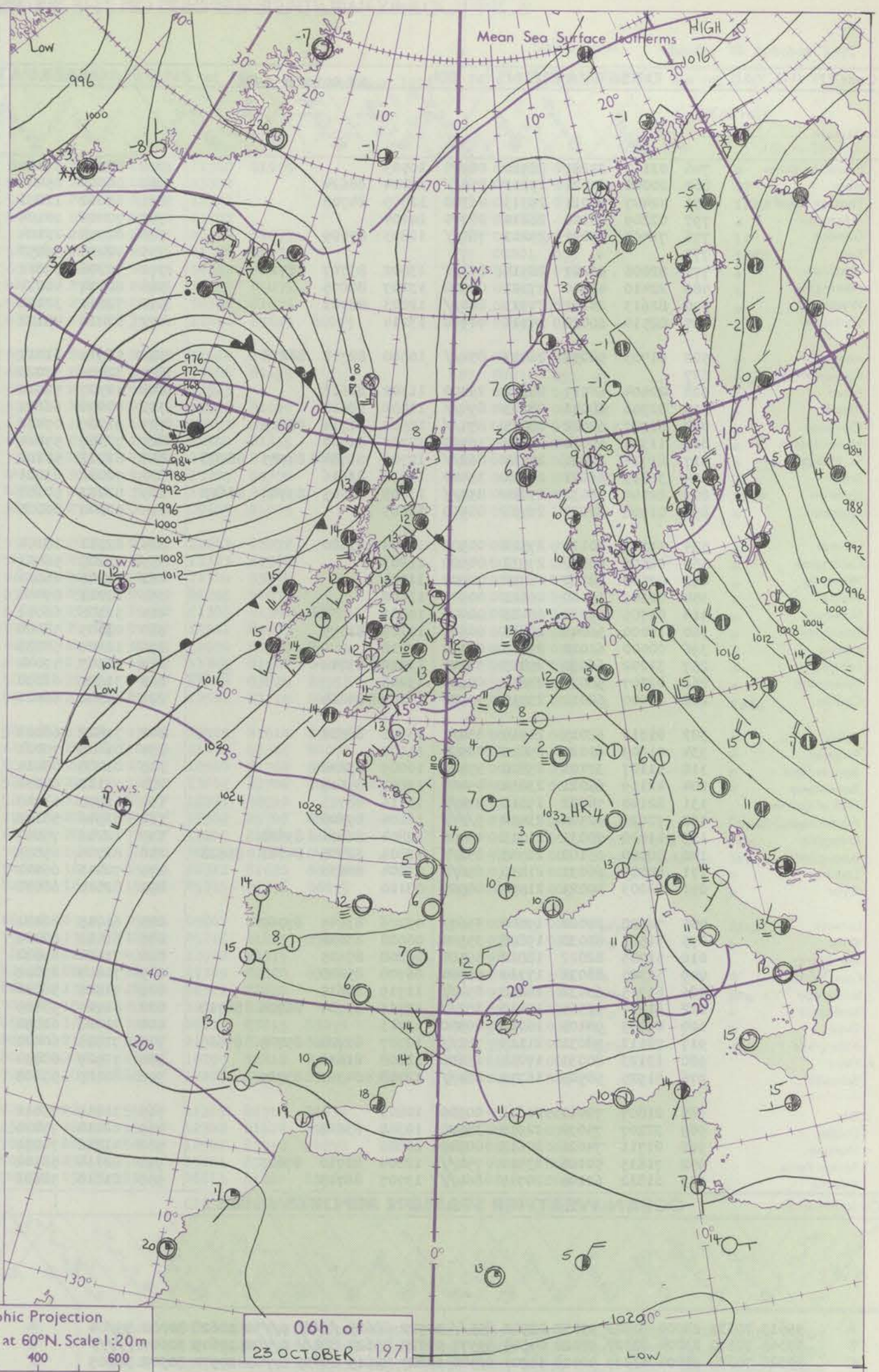
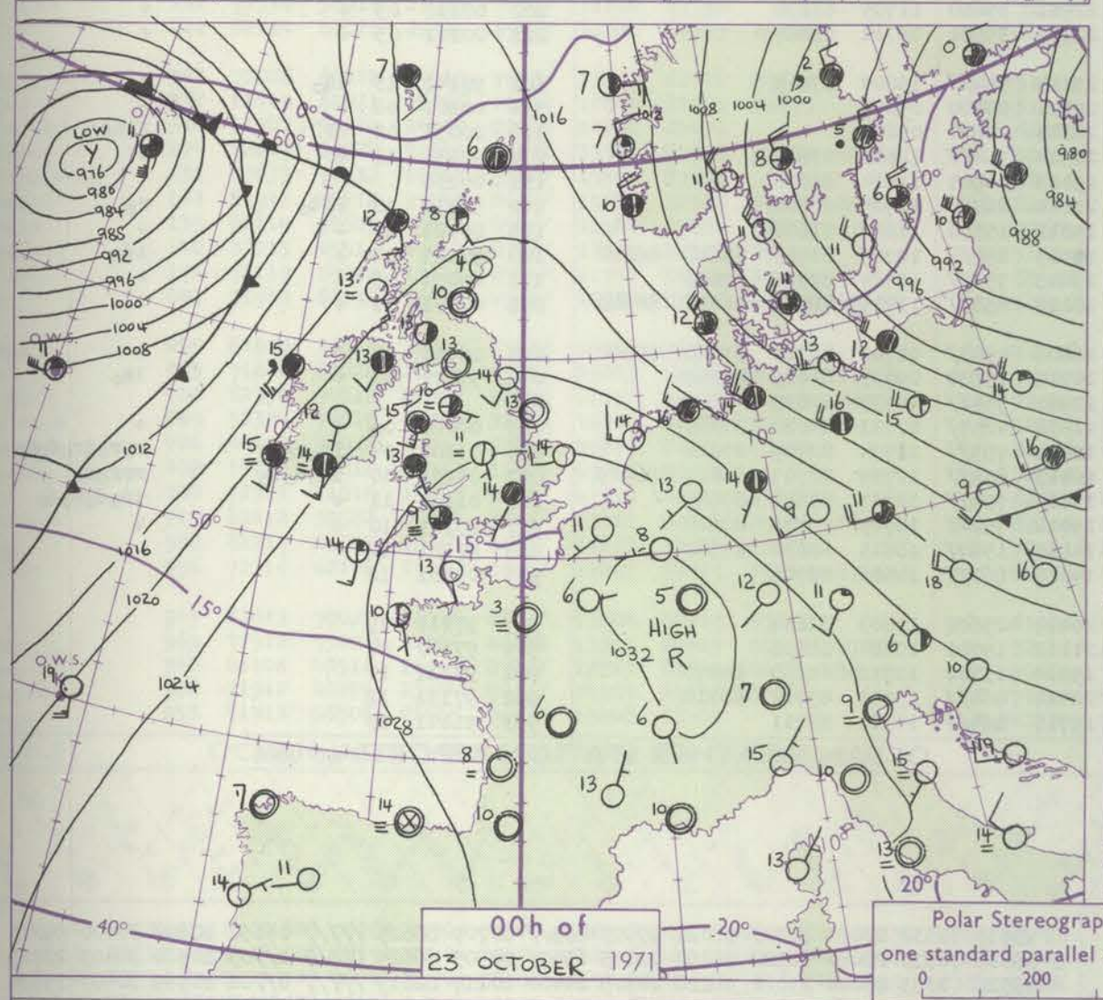
Konya
Inebolu







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 23 October 1971

The depression on the Norwegian coast tracked eastwards very quickly to Latvia with the rapid development of a ridge northwards from the high over eastern France to the Norwegian Sea. Meanwhile a vigorous low, of tropical origin, moved rapidly northwards from the Azores passing O.W.S. 'I' on a route towards eastern Iceland with associated frontal systems approaching northwestern districts. During the next 24 hours the anticyclone will persist over France and the vigorous low south of Iceland is expected to turn east following a more northerly track than its predeccor across central Norway to Finland. Meanwhile its associated frontal system is likely to come to a halt near the Scottish border, its southward movement effectively blocked by the anticyclone.

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

Code FM 11.D

OBSERVATIONS at 00h. — 23 October 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	02111	23281	28910	00900	10503			
Hurn	862	80000	60021	29313	855//	12804	88624		
Thorney Island	871	42407	61011	29313	46300	12705	84708		
Manston	797	02209	28100	28810	00900	10104			
Gatwick	776	72405	57051	29213	763//	12803	87709		
Kew	775								
Heathrow	772	82006	56201	28714	863//	13802	83707	88711	
Honington	586	22410	48020	27313	00902	13107	82075		
Wattisham	590	82613	28101	27713	860//	12003	88701		
Gorleston	497	02510	60020	27314	00900	13214			
Aberporth	502	81703	58052	26413	854//	10500	82712	88618	
Ross-on-Wye	627								
Filton	628	22404	66011	28912	25400	11302	82618		
Rhoose	715	82306	68031	28213	854//	11802	88618		
Chivenor	707	81707	62022	28015	854//	12503	81714	88619	
Mount Batten	827	11305	59011	28712	16300	12703	81707		
St. Mawgan	817	81714	62031	27714	862//	12706	81704	84705	88708
Scilly	804	31813	66011	26514	35400	14812	83616		
Culdrose	809	82109	58032	27814	852//	13803	82705	83708	88612
Guernsey	894	01708	80020	29713	00900	13605			
Elmdon	534	11703	40110	27511	00901	10204	81080		
Cardington	559	02106	48100	27912	00900	11203			
Wittering	462	02508	48100	26712	00900	11004			
Watnall	354	02307	19100	26611	00900	11102			
Shawbury	414	01705	69010	26413	00900	10003			
Finningley	360	10000	56040	25811	00901	11109	81075		
Kilnsea	396	00000	61020	25613	00900	12218			
Leeming	257	31202	66030	25413	36400	11310	83714		
Tynemouth	262	02307	58020	23614	00900	13208			
Carlisle	222	40000	62011	23713	45500	13109	84624		
Valley	302	81816	62015	24915	854//	13806	88618		
Ringway	334	01609	65020	25813	00900	11004			
Squires Gate	318	51107	37101	25810	55500	10009	85620		
Ronaldsway	204	42119	65011	23214	45400	11605	84618		
Mull of Galloway	131	82140	74022	19313	874//	11716	88715		
Eskdalemuir	162	92011	02504	23412	9////	12106	89/00		
Prestwick	135	41710	70031	21013	45400	12804	82711	83630	
Abbotsinch	140	80000	35102	20713	853//	12804	82708	84711	88618
Leuchars	171	80000	66031	21410	856//	09004	88632		
Dyce	091	02003	80021	21504	00900	03110			
Lerwick	005	70000	80021	19606	3567/	05226	83645	87362	
Wick	075	31503	82030	19808	35500	06008	83626		
Sule Skerry	010	51705	82022	18810	55500	08208	85625		
Cape Wrath	049	52305	83031	17310	55500	06708	85620		
Stornoway	026	81715	63032	16212	854//	11719	88615		
Benbecula	022	81917	32515	15813	862//	13713	83704	86706	88710
Tiree	100	01515	58105	16713	00900	13713			
Aldergrove	917	72112	58031	21113	752//	12307	81705	85709	87615
Malin	980	12123	80031	17214	15600	12808	81630		
Belmullet	976	81925	58505	16715	864//	12708	84713	87719	
Birr	965	01807	70011	21612	00900	10803			
Dublin	969	32207	75030	22914	35500	10308	83625		
Shannon	962	01711	74021	20613	00900	10806			
Roches Point	952	71815	50106	23514	754//	12804	82710	87623	
Valentia	953	81812	62105	20715	864//	13707	88713		

OBSERVATIONS at 06h. — 23 October 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	82203	37101	27912	862//	11003	88704		
Hurn	862	00000	05444	28207	00900	07400			
Thorney Island	871	61002	11281	28609	660//	09001	83701	85704	
Manston	797	72406	20104	28911	762//	11306	82703	87704	
Gatwick	776	82508	22104	28811	861//	11301	83702	88703	
Kew	775	72203	56052	28313	764//	12301	87710		
Heathrow	772	72206	57011	28113	763//	12501	81708	87710	
Honington	586	82414	40014	27012	863//	11504	88709		
Wattisham	590	72611	32102	27612	763//	11503	87707		
Gorleston	497	82410	48101	26512	864//	12602	88710		
Aberporth	502	11711	61011	25312	15400	11002	81616		
Ross-on-Wye	627	32005	57020	26812	36400	11202	83712		
Filton	628	11907	56010	27710	15500	09603	81620		
Rhoose	715	00000	66111	27509	00900	09507			
Chivenor	707	91207	05472	27110	9////	10500	89/00		
Mount Batten	827	72307	57014	28113	753//	13301	85708	87612	
St. Mawgan	817	81712	58102	26913	861//	12503	84702	88703	
Scilly	804	72012	63021	26414	754//	13704	83710	87618	
Culdrose	809	82213	50102	27114	853//	14602	83706	88614	
Guernsey	894	02008	80020	28813	00900	12303			
Elmdon	534	82111	16104	26110	860//	10701	83700	88701	
Cardington	559	82208	56051	27612	863//	11205	84708	88710	
Wittering	462	02208	48011	26111	00900	10000			
Watnall	354	12211	07464	25710	00901	10502	81080		
Shawbury	414	32106	66011	25512	35500	09804	83622		
Finningley	360	01505	58040	24509	00900	09400			
Kilnsea	396	12420	58030	24511	10970	11500	81360		
Leeming	257	22307	59044	23712	25400	11506	82616		
Tynemouth	262	31902	61030	22911	35600	11705	83630		
Carlisle	222	41502	66021	22313	35501	09712	83627		
Valley	302	71822	66022	23114	754//	13807	87615		
Ringway	334	01405	70021	25111	00900	09804			
Squires Gate	318	01208	08414	24205	00900	05804			
Ronaldsway	204	72112	62031	22314	754//	12506	87616		
Mull of Galloway	131	11935	63010	19413	00901	11614	81080		
Eskdalemuir	162	81916	58106	21811	863//	11709	88708		
Prestwick	135	12211	75011	19812	15500	11807	81626		
Abbotsinch	140	81706	65025	19513	854//	10705	81715	83618	86622
Leuchars	171	72411	66012	19213	754//	11714	82716	87626	
Dyce	091	82010	66031	18112	853//	11719	82709	86711	88620
Lerwick	005	61715	82031	16808	4543/	06702	81710	83640	85362
Wick	075	61513	80021	14710	15530	09733	81625	85359	
Sule Skerry	010	71624	81032	12911	755//	10737	87625		
Cape Wrath	049	71803	83012	11514	4257/	07733	84820	87360	
Stornoway	026	71826	58036	10413	753//	12734	82709	87626	
Benbecula	022	81727	58605	10413	853//	12729	82707	86617	88629
Tiree	100	71726	62051	13814	755//	12717	83621	87637	
Aldergrove	917	71915	60021	19412	754//	10705	83710	87614	
Malin	980	71929	80031	14913	1567/	10615	81630	87362	
Belmullet	976	82126	57605	14615	863//	14501	88709		
Birr	965	31812	75011	20413	25602	11803	82634		
Dublin	969	12214	75030	21113	15700	10804	81656		
Shannon	962	41816	70031	19314	15702	12712	81650	84070	
Roches Point	952	82114	58102	22414	864//	13703	85711	88714	
Valentia	953	81816	58606	19715	864//	14501	88711		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00091	04	f	+
Hurn	862	97050	03	+	ffff
Thorney Island	871	00090	02	+	ifffF
Manston	797	97081	03	if	ifF
Gatwick	776	00101	05	if	+
Kew	775	00111	07	+	+
Heathrow	772	97121	09	id_o	+
Honington	586	00111	07	f	+
Wattisham	590	00111	10	++	+
Gorleston	497	00120	09	+	+
Aberporth	502	00121	09	+	+
Ross-on-Wye	627	00111	08	+	+
Filton	628	00091	05	++	+
Rhoose	715	00071	03	+	ffF
Chivenor	707	00091	08	+	fF
Mount Batten	827	97111	07	if	+
St. Mawgan	817	00120	11	+	+
Scilly	804	00140	12	+	+
Culdrose	809	00130	11	+	+
Guernsey	894	00131	08	+	+
Elmdon	534	00071	03	iff	+
Cardington	559	00101	05	+	+
Wittering	462	97091	07	+	+
Watnall	354	97091	07	ff	ff
Shawbury	414	00091	05	+	+
Finningley	360	00081	03	+	+
Kilnsea	396	00110		+	+
Leeming	257	00081	04	+	f
Tynemouth	262	00111	05	+	+
Carlisle	222	00111	05	+	+
Valley	302	97141	13	id_o	+
Ringway	334	00101	08	+	+
Squires Gate	318	00051	02	FF	FFif
Ronaldsway	204	00131	11	+	+
Mull of Galloway	131	00130			
Eskdalemuir	162	91111	10	FFd_o	r_o
Prestwick	135	00121	10	+	+
Abbotsinch	140	97121	11	+	id_o
Leuchars	171	00091	05	+	+
Dyce	091	00041	51	+	+
Lerwick	005	00061	04	+	+
Wick	075	97071	03	+	ir_o
Sule Skerry	010				
Cape Wrath	049	00081	06	+	+
Stornoway	026	03102	04	$id_or_or_o$	$r_or_oir_od_or_o$
Benbecula	022	05111	10	$id_od_od_o$	rrr_or_o
Tiree	100	01131	11	+	$ir_od_or_od_o$
Aldergrove	917	00111	10	+	+
Malin	980	97131	10		
Belmullet	976	04131	12		
Birr	965	97111	09		
Dublin	969	97100	04		
Shannon	962	97121	10		
Roches Point	952	97131	12		
Valentia	953	91141	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70331	23004	80903	99052	02902	855//	00722	88625	/////	0//52	10628	30000	99/04
B	99565	70510	23004	82327	97022	04504	55577	00722	85620	882//	0//02	10605	30607	/////
C	99528	70358	23004	63317	98019	11207	68400	00227	82815	86635	0//03	10970	30302	36605
D	99440	70410	23004	50609	98021	14110	38470	00208	82815	/////	0//04	11738	30503	/////
E	99346	70478	23003	33425	98020	08218	32400	00325	83815	/////	0//14	12128	30806	/////
I	99508	70191	23004	61743	97016	81911	655//	00668	86625	/////	00007	11080	30909	99/11
J	99524	70201	23004	22638	98258	07810	21400	51246	82818	/////	0//09	11335	31212	99/15
K	99451	70158	23004	01623	97021	20518	00900	00001	/////	/////	0//16	11749	31005	/////
M	99658	10018	23004	43212	98028	10150	405//	00234	84830	/////	05550	10840	30203	/////

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	70332	23064	80103	98021	99503	855//	00709	88625	/////	05652	10600	30000	99/03
B	99565	70510	23064	82922	98262	02005	6557/	00505	86625	88363	0//03	10580	30403	23705
C	99528	70355	23064	23020	98028	14505	24400	00217	82619	/////	0//02	10969	30403	35604
D	99440	70410	23064	50707	98020	13812	38470	00602	82815	/////	0//06	11732	30503	/////
E	99349	70478	23063	20420	98020	11918	22400	00116	82816	/////	0//14	12140	30706	/////
I	99507	70192	23064	82335	96022	71210	854//	00513	88616	/////	00009	11067	31218	99/15
J	99524	70202	23064	12620	98258	13211	10400	00222	81818	/////	0//08	11329	30604	99/09
K	99452	70158	23064	21721	97030	19517	25600	00601	82630	/////	0//16	11723	30904	/////
M	99658	10017	23064	31904	97150	17005	39500	00606	83930	/////	05551	10827	30000	99504

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40148

Date of Issue Sunday 24 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 23 October 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	66011	28616	00901	13002	81075		
Hurn	862	01507	65024	29118	00900	13301			
Thorney Island	871	11707	66034	29617	11400	13105	81814		
Manston	797	02012	56051	28817	00900	13811			
Gatwick	776	12009	70021	29118	11501	11002	81820		
Kew	775	02107	69021	28418	00900	09804			
Heathrow	772	11908	68031	28518	00901	12804	81075		
Honington	586	12213	69021	27517	00902	10806	81078		
Wattisham	590	02212	60011	27916	00900	11807			
Gorleston	497	22010	58051	27914	21500	11607	82825		
Aberporth	502	21625	62020	25515	16402	11303	81710		
Ross-on-Wye	627	12007	60020	26918	00901	11203	81075		
Filton	628	00000	62010	28317	00900	13303			
Rhoose	715	11002	40284	28215	16331	13204	81706		
Chivenor	707	11207	78034	27917	10930	13400	81362		
Mount Batten	827	72103	56102	28914	763//	13205	82706	87708	
St. Mawgan	817	11512	48051	27716	16201	13102	81704		
Scilly	804	92109	09474	27414	9////	13101	89/00		
Culdrose	809	72209	58102	27814	782//	14104	82705	84810	
Guernsey	894	11607	80020	29617	00902	14105	81075		
Elmdon	534	31909	61031	27016	00902	12104	83075		
Cardington	559	02311	66021	27918	00900	10803			
Wittering	462	22211	64021	26816	00901	12802	82075		
Watnall	354	52013	48054	26115	00904	12001	84075		
Shawbury	414	61705	70021	25918	10982	11102	81362	86072	
Finningley	360	62213	62031	24917	10932	11803	81364	86075	
Kilnsea	396	32415	57020	25115	20972	12802	82360	83075	
Leeming	257	72011	66011	23415	7098/	10807	83359	87365	
Tynemouth	262	72310	58021	21715	7097/	11810	87358		
Carlisle	222	82214	80021	22315	854//	11604	84617	88625	
Valley	302	72028	66022	24415	754//	13303	81710	87612	
Ringway	334	61709	61021	25216	15742	10001	81650	86075	
Squires Gate	318	51707	56044	24517	00902	12602	85070		
Ronaldsway	204	72017	62022	22815	15332	13301	81708	83360	87075
Mull of Galloway	131	72033	72032	19813	756//	13500	87640		
Eskdalemuir	162	81911	40212	21212	862//	11809	32703	85704	88708
Prestwick	135	82214	58601	19614	854//	12504	87615	88640	
Abbotsinch	140	82015	45516	19014	872//	12301	82703	88711	
Leuchars	171	72117	68022	17015	6547/	11717	86619	87462	
Dyce	091	71918	66052	15513	4547/	10710	82616	83635	87462
Lerwick	005	81919	32616	10310	871//	10740	88702		
Wick	075	71816	80026	11914	5553/	09603	82625	84640	87360
Sule Skerry	010	62330	74018	08713	43506	11717	82920	84625	86075
Cape Wrath	049	52324	74016	08013	32540	10714	83820	85360	
Stornoway	026	42429	82026	10713	22502	09215	82820	83070	
Benbecula	022	12220	69016	12713	11501	09021	81820		
Tiree	100	72321	61016	15913	5842/	11219	82810	85614	
Aldergrove	917	82112	30582	20014	862//	13312	82704	85706	88708
Malin	980	82217	81505	18114	3647/	11119	83714	88458	
Belmullet	976	72316	62106	19214	6647/	12217	84715	85632	87458
Birr	965	82013	70021	21716	864//	13108	87717	87636	
Dublin	969	72512	75021	22216	46478	13310	84717	86459	87270
Shannon	962	83106	40516	21913	872//	12215	83704	86709	88715
Roches Point	952	71912	40205	23914	763//	14107	87708	87625	
Valentia	953	81913	56506	21515	863//	15006	88709		

OBSERVATIONS at 18h. — 23 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
	746	11708	64020	**27913**	00901	12302	81075		
	862	01703	56050	28313	00900	13301			
	871	01904	58110	28612	00900	12302			
	797	01905	57050	28512	00900	11302			
	776	10000	57110	28712	00901	10304	81075		
	775	11905	58050	28014	00901	11304	81075		
	772	11807	60020	28017	00901	12303	81075		
	586	11904	48050	27115	00902	11302	81075		
	590	12209	58020	27614	00901	10301	81075		
	497	62110	48051	26816	35504	12601	83625	86075	
	502	11618	69020	24813	00902	11502	81078		
	627	12101	60020	26314	15601	10400	81635		
	628	00000	58020	27215	00900	12503			
	715	11207	57110	26714	00901	13505	81075		
	707	11208	62020	26617	10930	14502	81362		
	827	10000	69020	27613	15600	12502	81635		
	817	41409	37101	26912	46000	11506	82700	84701	
	804	91910	04474	26313	9////	13707	89/00		
	809	70000	02464	27311	760//	11504	87700		
	894	11208	78020	27815	00902	09607	81075		
	534	32009	59011	26115	00902	10601	83072		
	559	12007	58010	27313	10931	11303	81365		
	462	32107	66020	26513	00902	11304	83075		
	354	41906	37041	25814	00902	01205	84075		
	414	31806	67011	25515	10932	11303	81360	83075	
	360	72009	50042	24515	00902	12501	87075		
	396	42016	66011	24014	30972	12604	83360	84075	
	257	72202	62042	23516	15642	11305	81640	84362	85080
	262	72012	58022	21914	3557/	**13305**	83625	87358	
	222	82212	59026	21115	854//	12502	83714	84622	88630
	302	51917	58042	23914	15402	13505	81614	85075	
	334	51810	62022	24316	30942	11400	83366	84072	
	318	62205	65022	24112	10942	10500	81362	86070	
	204	72017	58032	22514	55332	13602	83706	84625	87070
	131	82310	58515	21712	874//	12121	88710		
	162	82220	17555	20713	872//	12302	85703	88705	
	135	72509	80026	20413	785//	11205	81825	86656	
	140	52215	70015	19313	28470	10304	81818	84360	
	171	62412	74016	18513	55530	10312	81620	85650	
	091	62413	82012	16713	15732	05315	81656	86070	
	005	42336	66016	07511	35301	07807	81709		
	075	72422	75022	13612	18502	05216	81825	87073	
	010	42330	58028	08412	43400	12702	84915		
	049	32335	81011	08811	22570	07309	82820	83360	
	026	22326	80021	13611	22500	06321	82820		
	022	32319	70158	15612	22402	10213	82818		
	100	62415	65011	18512	31402	08210	83815	83075	
	917	82106	80026	21612	854//	11305	81712	88622	
	980	72311	80025	20213	2147/	10207	82818	87458	
	976	82305	72606	20713	6647/	12205	85715	83635	87458
	965	61001	62115	22112	554/2	11302	81717	85636	
	969	72005	65022	22015	15578	12302	81620	83460	
	962	50801	70115	21313	46402	12502	83713	84070	
	952	71910	40104	23314	763//	13601	87706		
	953	42724	74012	15513	11544	06813	81820	83360	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	00191	076	+	+
	862	00180	078	Ff	FF
	871	00170	076	F	ifFF
	797	00180		+	+
	776	00201	079	+	if
	775	00201	075	+	ifFF
	772	00210	078	+	+
	586	00191		+	+
	590	00181	071	+	+
	497	00190	067	+	+
	502	00160	089	+	+
	627	00201	093	+	+
	628	00201	093	+	+
	715	00171	067	Ff	+
	707	00191	075	fif	+
	827	00160	046	+	+
	817	00170	083	+	+
	804	00141	000	ff	ff
	809	00161	017	+	ifFF
	894	00190	101	+	+
	534	00181	072	+	+
	559	00211	089	+	+
	462	00191	075	+	+
	354	00181	052	+	+
	414	00201	090	+	+
	360	00181	069	+	+
	396	00170	074	+	+
	257	00171	046	+	+
	262	00151	018	+	+
	222	97151	001	r_o	r_od_o
	302	00161	007	+	+
	334	00191	085	+	+
	318	00181	070	+	+
	204	00151	012	+	+
	131	93141			
	162	03131	000	ir_odd_o	$id_odDd_od_o$
	135	01151	005	$ir_oid_or_or_o$	ir_o
	140	92141	002	$ir_od_or_od_od_od_oid_o$	ir_o
	171	97151	000	d_o-d_or_o	+
	091	00151	009	+	+
	005	02121	001	$r_or_or_r$	ir_opr
	075	97151	010	ir_o	+
	010	92141			
	049	91141	033	ir_o	+
	026	97131	014	d_or_o	pr_o
	022	97141	036	pr_o	+
	100	97141	008	d_o	+
	917	93141	000	d_or_o	d_o
	980	0114	000		
	976	0215	001		
	965	9716	000		
	969	9717	011		
	962	0116	000		
	952	9715	000		
	953	0116	000		

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

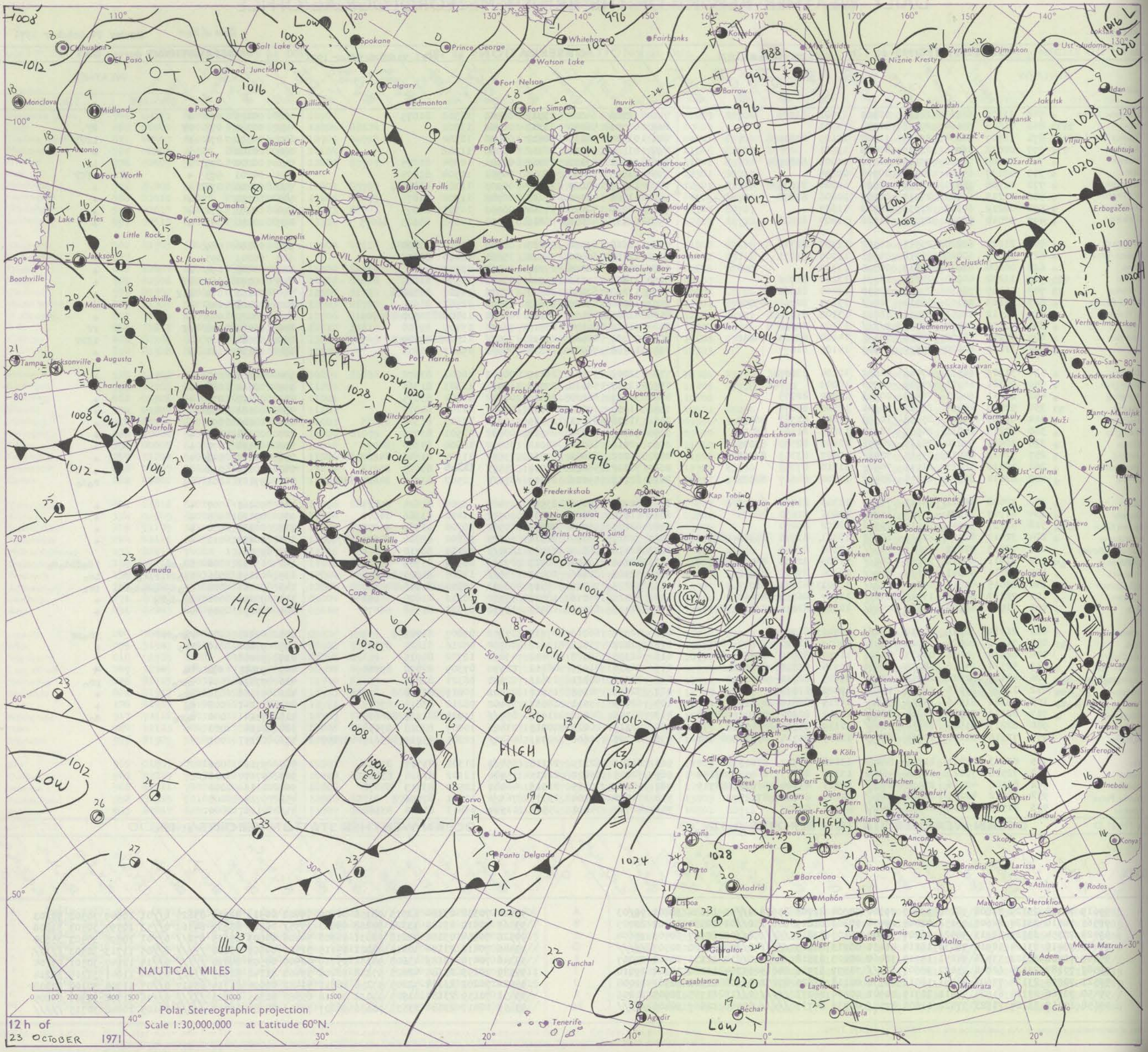
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70332	23124	71808	98268	99903	79300	00304	82708	85918	0//50	10634	30201	99/03
B	99565	70510	23124	82605	98152	03404	22458	00302	82815	842//	0//01	10587	30401	23705
C	99528	70354	23124	32213	98021	16707	38400	00107	83815	/////	0//02	10967	30403	35604
D	99440	70410	23124	50914	98031	16114	41430	00213	84815	/////	0//08	11720	30503	/////
E	99347	70480	23123	53516	98251	15719	32460	00223	83818	/////	0//14	12131	30502	35007
I	99587	70187	23124	62748	93072	98607	634//	71399	83910	84815	05704	11060	31322	19210
J	99521	70204	23124	72606	98031	18012	24536	00118	82825	87272	0//08	11302	30301	31008
K	99450	70160	23124	61624	97011	20719	00902	00204	86073	/////	0//16	11795	30905	24206
M	99658	10017	23124	71723	97022	11606	4757/	00739	84733	/////	05550	10869	30405	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70332	23184	62515	98158	01704	59402	00313	82910	83625	0//01	10649	30502	99/03
B	99565	70510	23184	73326	98268	03603	3555/	00306	83625	84362	0//53	10594	30503	31806
C	99528	70354	23184	72218	98031	16308	54406	00603	85615	872//	0//01	10896	30403	35604
D	99440	70410	23184	30815	98021	15115	31500	00606	83820	/////	0//05	11713	30503	/////
E	99346	70479	23183	43608	98151	15719	42500	00503	84820	/////	0//14	12147	30501	99/04
I	99589	70193	23184	42628	97258	10208	39460	71142	82913	/////	05504	11041	31214	30214
J	99522	70203	23184	72205	97258	18811	53482	00004	81714	83917	0//07	11304	30100	22208
K	99451	70159	23184	81720	97032	20018	65582	00305	86623	/////	0//16	11792	30905	24205
M	99659	10017	23184	83537	96636	96207	7742/	00784	87712	/////	05105	10848	30715	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 23 OCTOBER 1971

00h of 23 OCTOBER 1971

Mean Sea Surface Isotherms

06h of 24 OCTOBER 1971

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 24 October 1971

The stationary anticyclone over France is expected to persist. An intense depression about 250 miles south of Iceland yesterday morning is now 200 miles off the coast of northwest Norway and is expected to continue moving away east. An associated cold front moved eastwards across Scotland yesterday but became almost stationary from south Norway, across Ireland to the Azores by this morning. Minor waves are developing and moving northeast along the front and one such wave is now centred over Ireland. As this wave moves away it will be followed by a small anticyclone which is expected near northwest Ireland by tomorrow morning. The northerly winds on the eastern flank of this anticyclone are expected to transfer the cold front to southern England by this time, but it is expected to become very weak.

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

Code FM 11.D

OBSERVATIONS at 00h. — 24 October 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	91706	01454	27009	9////	09708	89/00		
Hurn	862	90000	02454	27211	9/0//	11808	89///		
Thorney Island	871	90506	00504	27412	9////	12709	89///		
Manston	797	01905	56050	27810	00900	08805			
Gatwick	776	00000	01444	28204	00900	04803			
Kew	775								
Heathrow	772	01901	35110	27611	00900	10803			
Honington	586	01701	37050	26711	00900	10803			
Wattisham	590	02309	40050	27311	00900	10804			
Gorleston	497	02309	60020	26713	00900	10601			
Aberporth	502	41720	28100	23512	46000	12710	84701		
Ross-on-Wye	627								
Filton	628	00000	48050	26711	00900	08706			
Rhoose	715	00806	57284	26110	00900	10808			
Chivenor	707	01108	59020	25511	00900	09713			
Mount Batten	827	11007	69030	26010	16200	10713	81704		
St. Mawgan	817	01416	64010	25114	00900	07714			
Scilly	804	91703	04454	25011	9////	11715	89/00		
Culdrose	809	90909	01454	25810	9////	10715	89/00		
Guernsey	894	01409	70010	26415	00900	10808			
Elmdon	534	01506	40100	25811	00900	10706			
Cardington	559	01902	15110	26907	00900	07802			
Wittering	462	02207	17100	25910	00900	09806			
Watnall	354	02205	17100	25511	00900	10805			
Shawbury	414	10000	01460	25107	00902	06807	81075		
Finningley	360	12107	37040	24312	00901	10000	81075		
Kilnsea	396	32314	66020	24013	10972	11400	81360	83075	
Leeming	257	01606	66011	23313	00900	09302			
Tynemouth	262	51906	61022	22313	5097/	12104	85358		
Carlisle	222	82604	08516	22312	870//	12002	88701		
Valley	302	82025	59042	23013	861//	13808	82702	88703	
Ringway	334	20000	62031	24412	00902	09503	82075		
Squires Gate	318	01606	50101	23609	00900	08805			
Ronaldsway	204	82112	57022	22313	862//	13804	84703	88704	
Mull of Galloway	131	00000	82015	21811	00900	09803			
Eskdalemuir	162	81902	56205	21810	873//	10000	88706		
Prestwick	135	72408	81026	20811	756//	10804	84635	86643	
Abbotsinch	140	71804	70026	20012	757//	10805	87650		
Leuchars	171	22311	70011	19711	25700	09002	82650		
Dyce	091	51911	80011	18809	55700	05003	85656		
Lerwick	005	72533	66038	09210	754//	06210	81710	87630	
Wick	075	62214	82031	15610	656//	06109	86630		
Sule Skerry	010	52537	66038	12411	53500	10218	85920		
Cape Wrath	049	32336	82028	12710	33500	06218	83920		
Stornoway	026	22613	80038	16009	22500	06011	82822		
Benbecula	022	62513	74021	17511	685//	07106	81820	86631	
Tiree	100	82315	62601	18511	2567/	09604	82640	88459	
Aldergrove	917	81506	70025	20711	854//	11714	81710	88616	
Malin	980	81705	80022	19911	6567/	09706	86645	88458	
Belmullet	976	80112	64606	18410	854//	09818	83716	84627	87638
Birr	965	01611	62024	19412	00900	11724			
Dublin	969	01502	60401	21011	00900	11716			
Shannon	962	51513	60101	17914	30932	12728	83362	84070	
Roches Point	952	81912	20105	21713	861//	13812	88702		
Valentia	953	81813	65031	18215	854//	13718	83717	88625	

OBSERVATIONS at 06h. — 24 October 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	00000	02464	24406	00900	06712			
862	00000	03464	24404	00900	04711			
871	90805	01455	24810	9////	10711	89///		
797	01808	48100	25411	00900	10714			
776	00000	03464	25603	00900	03712			
775	20000	01444	24603	00901	03711	82075		
772	00000	01464	24906	00900	06711			
586	01805	21050	24709	00900	07706			
590	02308	23050	25307	00900	05705			
497	01804	58050	25011	00900	09703			
502	11722	61050	21011	00901	07711	81075		
627	11001	57020	23805	15601	04712	81635		
628	00000	66020	24305	00900	05708			
715	00707	64020	23508	00900	08811			
707	11106	66030	23609	00909	07704	81181		
827	00906	63020	23908	00900	08603			
817	01508	56020	23610	00900	09606			
804	82209	48284	23612	862//	12705	88705		
809	00000	00424	24010	00900	10603			
894	11710	70010	24314	00902	13607	81075		
534	00000	07414	23705	00900	05611			
559	02006	62024	24504	00900	04708			
462	02107	56020	23708	00900	07813			
354	12106	14280	23209	00909	08712	81182		
414	00000	00464	22807	00900	06710			
360	21902	17110	21808	00901	08711	82075		
396	21908	57030	22611	10971	10707	81360		
257	41502	09460	21408	10941	07713	81362	84080	
262	71806	58022	20612	7097/	11808	87358		
222	40000	30115	20010	16334	10607	81707	83072	
302	31821	66031	20413	00902	11713	83075		
334	21611	62030	21812	00902	09712	82075		
318	31309	56100	21009	00902	08715	83070		
204	71918	58012	19313	753//	12614	81706	84708	87656
131	82025	63626	17013	874//	12823	88710		
162	82112	28504	19911	872//	11707	88703		
135	81909	58612	17213	6522/	12822	81705	86657	88459
140	80403	60216	16811	870//	10824	86700	88702	
171	81903	66581	18611	855//	10706	88624		
091	82410	70606	18509	856//	07302	83632	88642	
005	72628	66808	11509	784//	05207	84815	86628	
075	72410	80022	16909	755//	05208	83625	87635	
010	52724	74018	14510	53500	10214	85920		
049	52326	83022	15810	45501	04216	84620		
026	62408	70258	17507	685//	05106	82822	85645	
022	72703	69252	18609	785//	07108	83820	87640	
100	82903	61626	18408	3742/	07303	83711	88543	
917	81908	58216	16913	854//	11717	88616		
980	83618	50586	17810	863//	09608	86707	88712	
976	83210	61586	20409	864//	09131	87715	88632	
965	82214	62206	18114	864//	13304	85715	88632	
969	72112	65606	17615	3567/	08713	83645	86458	
962	12617	70016	19812	17432	11225	81711		
952	82111	40616	20114	871//	14606	88702		
953	83507	58506	22012	864//	10232	88710		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	97041	03	1fFF	ffFF
862	97031	01	Fff	ffF
871	92091	09	FFd_od_o	d_od_oFF
797	97081	03	+	+
776	00021	51	1f1F-FFff	FFff-1f
775	97021	51	FF	FFf1f
772	00051	00	1fF	fFFf
586	00091	05	+	+
590	00051	03	+	+
497	00100	07	+	+
502	00101	09	+	+
627	00041	01	+	+
628	00050	03	+	+
715	92071	05	f	+
707	00081	05	+	+
827	00081	03	+	+
817	00090	04	+	jf
804	00111	09	ff	ff
809	97072	04	fF	fF
894	00131	10	+	+
534	00031	51	ffF	Fff
559	00041	51	f	+
462	91061	01	+	+
354	97081	03	+	if
414	97041	51	1f1F	1fFFf
360	00071	03	+	fF
396	00100		+	+
257	00070	05	+	fFF
262	00111	06	+	+
222	93101	05	d_od_of	r_o
302	00131	11	+	+
334	00111	07	+	+
318	00051	01	+	+
204	01121	11	+	ir_oir
131	05111			
162	03102	10	d_od_oFF	FFd_orr
135	01111	10	+	$ir_oirr_or_od_or_o$
140	04102	10	id_or_o	dr1DR
171	01101	07	+	$d_or_od_r$
091	95081	06	+	irr_or_o
005	91081	06	pr_o	ir_opr_o
075	00081	07	+	+
010	97101	08		
049	97081	07	pr_o	pr_o
026	92051	01	pr_o	pr_o
022	92091	06	+	pr_o
100	04081	07	ir_orrr_o	$r_oir_oRr_or_o$
917	02101	09	~~$r_od_od_o$~~ +	$rr_od_od_oR_od_o$
980	06081	08		
976	07081	07		
965	01101	06		
969	97101	04		
962	01111	08		
952	01111	10		
953	03101	08		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_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	70329	24004	82213	97258	02104	894//	00808	86915	/////	0//03	10679	30301	99/03
B	99565	70510	24004	33324	98012	05302	25508	00107	82630	/////	0//52	10598	30606	/////
C	99528	70357	24004	82027	97022	14208	65428	00717	86619	/////	0//04	10908	30504	35603
D	99440	70410	24004	20706	98020	13814	21500	00705	82820	/////	0//11	11723	30502	/////
E	99347	70479	24003	83516	98022	17519	884//	00109	86815	/////	0//13	12150	30402	99/04
I	99589	70194	24004	22718	98256	13908	22400	00215	82818	/////	05504	11062	30808	99/10
J	99522	70202	24004	22808	98018	21311	22500	00112	82822	/////	0//07	11291	30202	29007
K	99452	70158	24004	81912	97036	21818	854//	00208	88618	/////	0//17	11730	31004	24404
M														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_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	70329	24064	82017	96618	99805	7732/	00707	87709	/////	05204	10642	30402	99/03
B	99565	70510	24064	51907	98261	03700	52500	00713	85820	/////	0//50	15099	30301	33704
C	99528	70354	24064	41830	98021	10510	45400	00722	84615	/////	0//06	10961	30605	/////
D	99446	70414	24064	03405	98020	10413	00900	84714	/////	/////	0//09	11839	30502	/////
E	99350	70480	24063	33308	98021	17319	32400	00606	83817	/////	0//12	12130	30402	99/04
I	99588	70192	24064	42316	98250	16708	48400	00215	82818	83625	05407	11068	30806	99/08
J	99523	70201	24064	42607	98030	22511	42500	00205	84822	/////	0//06	11321	30100	99/05
K	99449	70160	24064	80000	96025	21118	854//	51504	88615	/////	0//17	11756	30000	23403
M	99662	10019	24064	82341	96806	81607	894//	00230	88912	/////	05205	10868	30815	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40149

Date of Issue Monday 25 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 24 October 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	92108	01434	23312	9////	12804	89/00		
Hurn	862	10000	25284	23514	16400	13711	81710		
Thorney Island	871	12606	68034	23516	00905	14608	81070		
Manston	797	11910	56050	23118	00901	12816	81075		
Gatwick	776	12209	58054	23419	00901	13713	81075		
Kew	775	12303	56054	23016	00901	11711	81075		
Heathrow	772	12202	56054	23316	10930	13710	81368		
Honington	586	11908	58020	22218	00902	09715	81075		
Wattisham	590	12110	58020	22817	00901	11713	81075		
Gorleston	497	21510	58050	22915	00901	13711	82075		
Aberporth	502	82312	13511	22214	870//	13005	85700	88708	
Ross-on-Wye	627	72105	63021	21817	00901	10610	87075		
Filton	628	52602	56051	23118	00904	11604	85072		
Rhoose	715	62704	62051	23117	00902	11501	86075		
Chivenor	707	72815	61031	24114	36334	12306	83707	86075	
Mount Batten	827	82105	11402	24214	860//	13303	83700	88704	
St. Mawgan	817	72508	48054	24413	760//	12108	83701	87703	
Scilly	804	82705	48022	24514	862//	13304	88705		
Culdrose	809	72801	59104	23913	752//	13400	84705	87610	
Guernsey	894	12708	70020	25617	11402	13604	81811		
Elmdon	534	72209	66024	21717	00906	09607	87275		
Cardington	559	22307	62030	22319	00902	11814	82075		
Wittering	462	62209	66031	21218	00906	11717	86272		
Watnall	354	72107	40051	21416	00906	10708	84272	85075	
Shawbury	414	72504	80024	21517	15678	09501	81630	83362	87275
Finningley	360	72211	62024	20218	00908	07808	87275		
Kilnsea	396	62316	66031	20216	40972	09614	84360	86075	
Leeming	257	72109	62044	19613	20942	09610	82363	86080	
Tynemouth	262	72902	16052	18714	756//	11707	87630		
Carlisle	222	82211	62216	18413	7547/	12604	81715	83625	87640
Valley	302	72417	66211	21115	45332	13311	81709	84614	87075
Ringway	334	72009	68021	20915	30938	06501	83362	87275	
Squires Gate	318	82414	60601	20914	853//	12107	82708	86711	88617
Ronaldsway	204	83214	70216	19912	853//	10306	83706	88612	
Mull of Galloway	131	63526	74016	19211	32531	09322	83820	86075	
Eskdalemuir	162	82008	28536	18211	871//	11501	88702		
Prestwick	135	70108	65016	19711	6844/	09324	81712	83614	85634
Abbotsinch	140	70208	82016	19211	7844/	08223	81710	86630	
Leuchars	171	80107	59516	19309	853//	08316	82707	88626	
Dyce	091	83107	64616	19709	884//	08308	83815	88650	
Lerwick	005	72818	74038	15009	58434	03216	84815	86070	
Wick	075	32717	70152	18511	28530	06208	82820		
Sule Skerry	010	52913	81158	17811	53500	11220	85920		
Cape Wrath	049	42716	83018	18510	32560	05216	83820	84360	
Stornoway	026	22915	82021	20311	22500	06215	82825		
Benbecula	022	22913	82158	21611	29500	08216	82920		
Tiree	100	33315	87146	22212	38530	06225	82822		
Aldergrove	917	53513	84016	21711	48432	08230	84814		
Malin	980	63214	83255	22712	58430	07322	84818	83650	
Belmullet	976	43408	81036	24613	425//	09219	84820		
Birr	965	73009	80025	24111	784//	09217	83714	83821	
Dublin	969	83012	82026	22412	864//	09330	83712	84718	87635
Shannon	962	53408	84018	24713	42505	08113	84824		
Roches Point	952	73417	81016	24012	18432	08214	81816	85070	
Valentia	953	23508	82025	25713	21502	08316	82825		

OBSERVATIONS at 18h. 24 October 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	53105	58054	23813	00902	10313	85075		
Hurn	862	62403	20101	23713	00902	12211	82070	86075	
Thorney Island	871	42506	56030	23813	40952	13209	83360		
Manston	797	42406	58030	22813	00904	12305	84075		
Gatwick	776	60000	50111	23312	10936	11308	81365	86275	
Kew	775	50000	32051	22911	20942	10310	82365	85072	
Heathrow	772	72305	59031	23115	15676	12311	81640	84363	87275
Honington	586	72508	58021	22015	10932	11308	81363	87070	
Wattisham	590	72607	48031	22512	00902	10311	87072		
Gorleston	497	62204	48051	21216	00904	11303	86075		
Aberporth	502	63517	74015	24912	684/1	10217	83818	84630	
Ross-on-Wye	627	73601	63022	23115	755//	12313	87625		
Filton	628	72305	48051	24213	755//	12309	87621		
Rhoose	715	82511	36106	23814	862//	13307	82703	88706	
Chivenor	707	83309	28525	24414	872//	14308	88703		
Mount Batten	827	73505	62032	24814	654/2	13307	84616	85640	87075
St. Mawgan	817	82806	07465	25014	870//	13307	85700	88702	
Scilly	804	80105	59024	26013	852//	13214	83705	88618	
Culdrose	809	80000	56515	24814	852//	13307	83705	84706	88610
Guernsey	894	72807	58031	24912	762//	11207	82705	87706	
Elmdon	534	72606	56042	22815	754//	11315	87618		
Cardington	559	62404	48051	22613	00902	11311	86075		
Wittering	462	72604	61022	22113	655/2	10312	86625	87075	
Watnall	354	72806	56052	22514	35632	11319	83635	85362	86075
Shawbury	414	53312	80012	23513	55501	09320	85626		
Finningley	360	72905	48042	22114	45632	11320	81640	84650	87075
Kilnsea	396	63017	58012	20815	35672	13217	83630	85360	86075
Leeming	257	80114	66212	23011	863//	09329	88706		
Tynemouth	262	83625	74028	22610	855//	08333	88625		
Carlisle	222	70403	70026	24409	755//	07248	83622	87640	
Valley	302	13414	80011	25411	15500	08222	81620		
Ringway	334	73011	59212	23312	773//	09224	82708	85710	87714
Squires Gate	318	33215	68016	23112	15402	09223	81615	83075	
Ronaldsway	204	13605	81021	25310	11500	05331	81825		
Mull of Galloway	131	13415	80020	25409	12500	06231	81825		
Eskdalemuir	162	13502	74015	25105	18300	04336	81709		
Prestwick	135	13506	80021	24908	18500	05229	81820		
Abbotsinch	140	12806	84021	24407	14600	05227	81632		
Leuchars	171	12505	82026	24007	15600	05227	81630		
Dyce	091	12909	80016	23307	15500	05225	81626		
Lerwick	005	12913	74258	19207	13400	02224	81912		
Wick	075	32710	70258	22906	28560	05226	82820		
Sule Skerry	010	52913	81032	21710	53500	05221	85920		
Cape Wrath	049	42712	83018	22309	42500	04216	84820		
Stornoway	026	23005	80018	24606	28500	04222	81825		
Benbecula	022	53108	82038	25410	58500	06220	81820	85630	
Tiree	100	33310	86010	25409	38500	05220	82820		
Aldergrove	917	13504	83021	26409	11501	05223	81828		
Malin	980	23412	83018	26211	22500	05218	82820		
Belmullet	976	20301	82031	26909	22502	05213	82822		
Birr	965	20000	81021	27208	15601	06220	81636		
Dublin	969	13302	80011	26709	15700	06221	81650		
Shannon	962	13401	82021	26911	18501	08213	81825		
Roches Point	952	30104	84031	27010	18401	08315	81819	83070	
Valentia	953	20000	82011	27010	22500	07210	82827		

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00191	032	FF	+
Hurn	862	97200	044	Fff	+
Thorney Island	871	00190	077	+	ff
Manston	797	00191		+	+
Gatwick	776	00201	088	+	iff
Kew	775	00201	087	+	iffF
Heathrow	772	00201	083	+	+
Honington	586	00201		+	+
Wattisham	590	00181	087	+	+
Gorleston	497	00190	085	+	+
Aberporth	502	91151	011	$id_od_od_oFF$	+
Ross-on-Wye	627	00181	048	+	+
Filton	628	00190	063	+	+
Rhoose	715	97181	050	+	r_o
Chivenor	707	91181	047	+	id_od
Mount Batten	827	00151	019	jf	+
St. Mawgan	817	97141	023	$if id_o$	$if id_o ff id_o$
Scilly	804	00141	001	ff	+
Culdrose	809	97141	004	1F	$id_od_od_o$
Guernsey	894	00170	073	+	+
Elmdon	534	00181	062	+	+
Cardington	559	00200	075	+	+
Wittering	462	00190	060	+	+
Watnall	354	00171	050	+	+
Shawbury	414	00181	044	+	+
Finningley	360	00201	062	+	+
Kilnsea	396	00170	076	+	+
Leeming	257	97160	013	+	r_o
Tynemouth	262	97151	003	pr_o	pr_o
Carlisle	222	95141	001	$r_o\text{-}r_or_o$	r_or_o
Valley	302	91151	005	ir_o	+
Ringway	334	97161	029	+	ir_o
Squires Gate	318	97151	008	r_or_o	+
Ronaldsway	204	91151	033	ir_o	+
Mull of Galloway	131	91131			
Eskdalemuir	162	01121	001	r_odddd_o	d_o
Prestwick	135	01131	033	$ir_od_or_oir$	+
Abbotsinch	140	02131	045	drd_or_o	+
Leuchars	171	04101	014	$d_or_od_rRr_o$	+
Dyce	091	02101	023	$r_or_oir_orr_o$	+
Lerwick	005	91101	035	pr_o	pr_o
Wick	075	97121	030	pr_o	pr_o
Sule Skerry	010	92121			
Cape Wrath	049	97111	046	pr_o	+
Stornoway	026	92121	068	pr_o	pr_o
Benbecula	022	91121	071	pr_o	pr_o
Tiree	100	91121	061	jp	pr_o
Aldergrove	917	97121	052	d_o	+
Malin	980	0212	067		
Belmullet	976	9714	078		
Birr	965	9713	026		
Dublin	969	9716	015		
Shannon	962	9714	056		
Roches Point	952	9314	063		
Valentia	953	9714	079		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

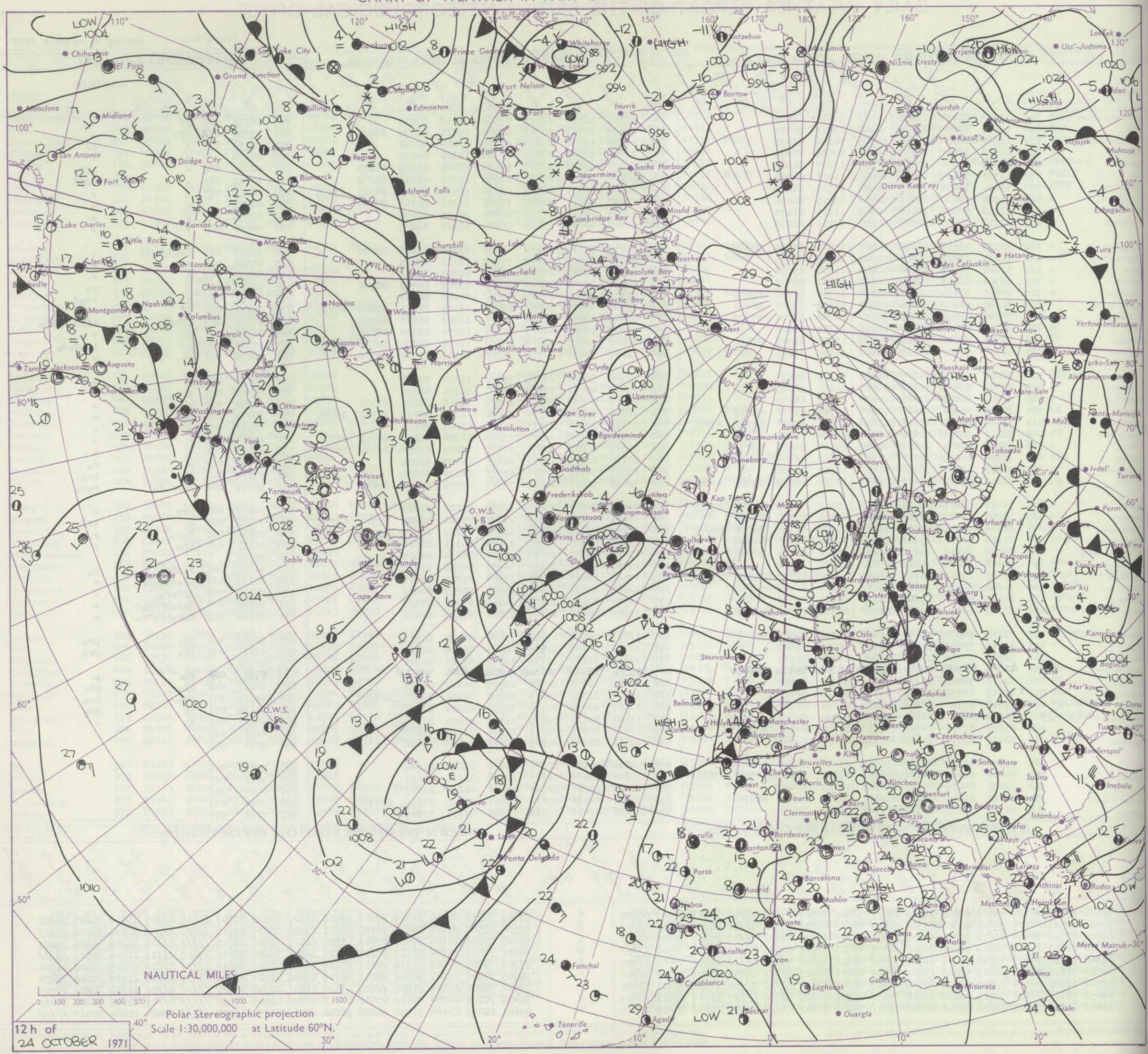
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99622	70328	24124	82021	96806	99006	893//	51006	82708	87914	0//04	10663	30603	00/00
B	99564	70503	24124	80128	97857	03300	5247/	00311	85810	83360	0//51	10589	30506	/////
C	99527	70356	24124	61633	98031	07310	65536	00822	85630	860//	0//07	10967	30605	/////
D	99444	70413	24124	72912	98022	08812	58470	32703	81815	84625	0//08	11828	30503	/////
E	99348	70482	24123	73515	98021	18519	3147/	00312	83818	85459	0//12	12107	30402	35905
I	99589	70191	24124	52513	97808	19909	43404	00214	82915	/////	05205	11079	30804	22004
J	99522	70200	24124	22907	98018	25012	22403	00207	82819	/////	0//07	11359	30201	25805
K	99450	70160	24124	81715	96032	21818	2557/	00306	82620	88360	0//17	11789	30401	23403
M	99663	10022	24124	82636	96258	86808	7947/	00228	87912	/////	05205	10886	30409	23914

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	24184	81916	97218	98906	5832/	41505	83707	84615	0//05	10670	30603	00/00
B	99564	70509	24184	23422	98168	06001	29400	00210	82910	/////	0//53	10594	30506	/////
C	99525	70355	24184	82607	97618	01808	864//	00721	88710	/////	0//08	10949	30605	19605
D	99441	70411	24184	83413	97802	05711	6847/	32606	86815	87457	0//11	11826	30503	/////
E	99348	70481	24183	53314	98151	17219	42470	00610	84816	/////	0//15	12105	30402	36904
I	99589	70188	24184	52016	98012	20709	48402	00304	83818	83630	05108	11069	31006	28804
J	99522	70200	24184	21806	99020	23412	11501	00710	81825	/////	0//06	11382	30101	22705
K	99450	70159	24184	71415	97002	20017	70932	00708	87360	/////	0//17	11803	30000	34003
M	99661	10019	24184	72938	96808	98206	6946/	00272	86910	/////	05404	10865	30912	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 24 OCT. 1971

Mean Sea Surface Isotherms

00h of 25 OCT. 1971

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

06h of 25 OCT. 1971

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 25 October 1971

The vigorous depression north of Scotland has continued its eastward progress into Norway. Its associated trough lying across Scotland has moved south across the North Sea and has been replaced by an anticyclone which has moved steadily north eastwards from mid Atlantic. The anticyclone over southern Europe has declined a little but has remained almost stationary. During the next 24 hours the anticyclone over the British Isles is expected to move further east allowing a moist southerly airflow to extend over western districts.

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

Code FM 11.D

OBSERVATIONS at 00h. 25 October 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	30000	23101	25611	35400	11105	81713	83620	
Hurn	862	80000	15284	25809	871//	09206	88702		
Thorney Island	871	23002	09411	25411	00901	11105	82072		
Manston	797	02907	28101	25011	00900	10209			
Gatwick	776	40000	01424	25605	00902	05105	84075		
Kew	775								
Heathrow	772	63002	30102	25710	45502	09210	84620	86075	
Honington	586	83310	40032	25012	856//	11215	88640		
Wattisham	590	73205	56031	25012	755//	10212	87625		
Gorleston	497	82902	58051	24013	855//	10306	88625		
Aberporth	502	00109	81021	26710	00900	07206			
Ross-on-Wye	627								
Filton	628	60207	74021	26811	656//	09211	86630		
Rhoose	715	20305	70011	26409	25500	08210	82620		
Chivenor	707	13302	62025	26609	15500	08207	81623		
Mount Batten	827	33607	74011	26213	35500	11204	83625		
St. Mawgan	817	10507	74015	26710	15400	09003	81614		
Scilly	804	30707	81011	27112	35500	09002	83620		
Culdrose	809	10000	80015	26510	15500	09105	81620		
Guernsey	894	50000	50052	26012	56300	12103	85708		
Elmdon	534	70000	59031	26607	754//	06210	81614	87622	
Cardington	559	32906	40051	25911	35500	09115	83627		
Wittering	462	63307	56031	25811	662//	09316	86705		
Watnall	354	80108	58051	26510	862//	09220	88705		
Shawbury	414	43203	64031	26710	46400	07210	83712		
Finningley	360	83609	69012	26911	863//	09123	83709	88712	
Kilnsea	396	50222	66012	24911	26370	10221	82707	85460	
Leeming	257	00206	80011	27608	00900	07118			
Tynemouth	262	03209	81011	27309	00900	06115			
Carlisle	222	00000	22101	28105	00900	05215			
Valley	302	10108	74020	27907	15500	05210	81620		
Ringway	334	70608	60022	26810	755//	06216	87622		
Squires Gate	318	60307	70011	27309	655//	07118	86629		
Ronaldsway	204	03507	80020	28607	00900	05112			
Mull of Galloway	131	03610	82020	28307	00900	06215			
Eskdalemuir	162	10000	74020	29201	00901	01213	81075		
Prestwick	135	10000	66030	29201	00901	01119	81070		
Abbotsinch	140	10000	70020	28803	15700	02319	81656		
Leuchars	171	12306	78020	28404	15600	03219	81630		
Dyce	091	02911	82020	27605	00900	03216			
Lerwick	005	23011	82028	24306	28400	02224	81818		
Wick	075	22706	82031	27204	28500	03220	81820		
Sule Skerry	010	13213	82018	26810	15500	07217	81625		
Cape Wrath	049	12702	85020	27409	15500	04221	81625		
Stornoway	026	00000	80020	28503	00900	03215			
Benbecula	022	40000	82028	29006	48500	05216	82820	84633	
Tiree	100	13306	87038	28706	18400	04113	81818		
Aldergrove	917	21205	66030	29704	25500	03215	81625		
Malin	980	13303	83010	29108	11500	04112	81820		
Belmullet	976	00902	80010	28806	00900	05105			
Birr	965	00903	66020	29702	00900	01108			
Dublin	969	03205	80020	29406	00900	03109			
Shannon	962	10804	56400	28906	16000	06207	81701		
Roches Point	952	10208	80030	28608	15600	07104	81640		
Valentia	953	00901	82020	28106	00900	05102			

OBSERVATIONS at 06h. 25 October 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	83611	59051	27709	855//	08210	88620		
Hurn	862	83603	57024	27510	855//	09310	88624		
Thorney Island	871	70102	56034	27011	756//	10212	87630		
Manston	797	83608	19101	27412	862//	11215	88705		
Gatwick	776	83604	19284	27709	863//	09215	88708		
Kew	775	80302	15054	27711	853//	09214	85709	88628	
Heathrow	772	70203	35012	27911	753//	09214	83707	87630	
Honington	586	83002	56012	27711	853//	10214	82708	87712	88622
Wattisham	590	73505	56011	27711	754//	10215	87612		
Gorleston	497	70212	60021	27013	754//	11216	85712	87630	
Aberporth	502	11503	74030	28406	15700	05309	81656		
Ross-on-Wye	627	80000	57021	28608	864//	07107	88710		
Filton	628	70505	62021	28809	755//	07312	87628		
Rhoose	715	70703	70031	28208	755//	07313	87624		
Chivenor	707	51007	09411	27805	55200	05209	82703	85625	
Mount Batten	827	50000	66031	27008	25550	08205	82620	83362	
St. Mawgan	817	20606	69010	27407	20941	07302	82360		
Scilly	804	40707	82030	27412	45501	10201	84620		
Culdrose	809	10000	81030	27007	15500	07301	81625		
Guernsey	894	80707	56052	26512	853//	11303	82707	83709	86711
Elmdon	534	70406	59206	28909	753//	09215	83707	85709	87636
Cardington	559	80103	40051	28411	863//	10315	88707		
Wittering	462	80109	69606	28710	854//	08217	82710	88615	
Watnall	354	80207	61022	29709	854//	07317	81713	88622	
Shawbury	414	71402	58041	29210	754//	07214	85711	87618	
Finningley	360	73609	66022	30008	755//	07218	87628		
Kilnsea	396	80420	66022	28211	8097/	08214	88460		
Leeming	257	30205	80011	30705	35400	04213	81614	83630	
Tynemouth	262	33214	74020	30407	30930	05214	83360		
Carlisle	222	10000	48284	30800	15600	00214	81645		
Valley	302	70305	74031	29208	754//	06310	81614	87650	
Ringway	334	80609	75032	29510	856//	05215	88635		
Squires Gate	318	70505	70022	30108	757//	06314	87650		
Ronaldsway	204	10107	82030	30305	12500	05312	81820		
Mull of Galloway	131	00708	84020	30007	00900	05210			
Eskdalemuir	162	10000	78030	32000	15800	50215	81658		
Prestwick	135	11502	70030	31102	15601	01311	81640		
Abbotsinch	140	00000	00464	31300	00900	00216			
Leuchars	171	12507	80030	31003	15600	02215	81635		
Dyce	091	10000	82030	30902	15600	01217	81635		
Lerwick	005	13206	83020	28705	18400	02224	81818		
Wick	075	62705	86031	30205	685//	04215	81822	86632	
Sule Skerry	010	62702	81038	29310	3557/	07213	83625	86360	
Cape Wrath	049	22702	85020	29809	25500	04214	82625		
Stornoway	026	10000	82020	30502	15600	01210	81630		
Benbecula	022	11704	82020	30604	15600	03209	81635		
Tiree	100	10000	87010	30406	15400	05310	81618		
Aldergrove	917	00000	60020	30702	00900	01207			
Malin	980	11907	83020	30205	11400	03307	81818		
Belmullet	976	00902	80020	28805	00900	04203			
Birr	965	00501	75020	29950	00900	50400			
Dublin	969	23504	80030	30006	26400	04305	82715		
Shannon	962	30502	03444	29003	36000	03501	83701		
Roches Point	952	10812	80020	28707	15600	05301	81640		
Valentia	953	01112	82020	27109	00900	05604			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00091	05	+	+
Hurn	862	97071	07	fF	FF
Thorney Island	871	00090	09	ff	+
Manston	797	97101	06	+	+
Gatwick	776	00041	02	fFF1fF	Ff1f
Kew	775	00061	02	~~FFF~~ FfFf	+
Heathrow	772	00101	04	+	+
Honington	586	97111	09	+	1do
Wattisham	590	00101	07	+	+
Gorleston	497	00110	06	+	+
Aberporth	502	00051	50	+	+
Ross-on-Wye	627	00071	01	+	+
Filton	628	00070	02	+	+
Rhoose	715	00061	02	+	+
Chivenor	707	00051	01	+	f1f
Mount Batten	827	00081	03	+	+
St. Mawgan	817	00071	03	+	+
Scilly	804	00111	08	+	+
Culdrose	809	00070	00	+	~~FF~~ Ff
Guernsey	894	00120	07	+	+
Elmdon	534	97061	51	d_o-d_or_o	d_od_o
Cardington	559	00090	07	+	r_o
Wittering	462	97101	07	+	r_od_o
Watnall	354	97081	05	+	d_od_o
Shawbury	414	00081	04	+	+
Finningley	360	00081	07	+	+
Kilnsea	396	00090		+	+
Leeming	257	00040	52	+	+
Tynemouth	262	00061	03	+	+
Carlisle	222	00501	53	+	+
Valley	302	00061	01	+	+
Ringway	334	00091	09	+	+
Squires Gate	318	00071	05	+	+
Ronaldsway	204	00041	00	+	+
Mull of Galloway	131	00071			
Eskdalemuir	162	00511	55	+	+
Prestwick	135	00003	54	+	+
Abbotsinch	140	00511	55	1f	ffFF
Leuchars	171	00011	53	+	+
Dyce	091	00011	54	+	+
Lerwick	005	00041	51	+	+
Wick	075	00021	51	+	+
Sule Skerry	010	97090	06		
Cape Wrath	049	00081	06	+	+
Stornoway	026	00001	55	+	+
Benbecula	022	97041	53	pro	+
Tiree	100	00051	53	+	+
Aldergrove	917	00001	53	+	jf
Malin	980	97041	02		
Belmullet	976	97041	50		
Birr	965	97513	55		
Dublin	969	97041	50		
Shannon	962	97021	01		
Roches Point	952	97061	02		
Valentia	953	97051	01		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70330	25004	81630	96616	94007	7732/	41628	87708	/////	0//07	10641	30705	00/00
B	99565	70510	25004	73122	98031	08801	78500	00105	83825	86650	0//53	10587	30505	/////
C	99527	70353	25004	83215	97616	01106	873//	00301	88706	/////	0//04	10946	30602	19605
D	99440	70410	25004	53624	97016	08111	58400	00111	82815	85630	0//10	11629	30706	/////
E	99349	70480	25003	13016	98021	17619	11500	00104	81820	/////	0//14	12189	38301	35005
I	99589	70188	25004	21812	98020	21010	22400	00400	82818	/////	05109	11062	30703	23105
J	99522	70200	25004	11522	98010	20112	11500	00821	81822	/////	0//09	11338	30505	22706
K	99451	70159	25004	21521	97011	19817	20940	00802	82360	/////	0//16	11802	30503	34003
M	99660	10020	25004	63130	97258	11604	5956/	00256	85920	/////	05801	10844	30812	/////

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	99617	70329	25064	81823	97026	91206	884//	41714	84810	88620	00105	10648	30705	00/00
B	99565	70510	25064	13134	98018	09102	11500	00305	81825	/////	0//51	10576	30609	/////
C	99527	70354	25064	83622	97616	95906	873//	/////	88709	/////	0//03	10960	30604	/////
D	99440	70410	25064	53424	98038	07210	52400	00807	85815	/////	0//03	11697	30607	/////
E	99349	70480	25063	43420	97258	16219	42400	00208	84816	/////	0//14	12176	30302	34905
I	99587	70190	25064	21817	98030	19409	22400	00608	82818	/////	05109	11059	30703	23104
J	99523	70202	25064	81230	98031	11812	4552/	00746	84625	88462	0//11	11298	30504	16704
K	99452	70159	25064	51622	96011	17417	25502	00608	82630	83073	0//16	11804	30605	/////
M	99660	10012	25064	73025	97802	19904	6956/	00237	86920	/////	05753	10836	30709	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40150

Date of Issue Tuesday 26 October 1971

Code FM 11.D

OBSERVATIONS at 12h. — 25 October 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	70811	56052	29113	784//	10003	85811	87632	
Hurn	862	83503	50052	29013	854//	11204	86710	88635	
Thorney Island	871	80508	50052	29113	854//	11207	82712	86714	88635
Manston	797	70107	56052	29214	7633/	12105	87706		
Gatwick	776	70405	45052	29113	764//	11104	87711		
Kew	775	70205	56052	29313	754//	10005	81714	84620	87645
Heathrow	772	70408	60022	29613	754//	10006	84616	87645	
Honington	586	70311	80025	30113	754//	10111	83616	86640	
Wattisham	590	70510	66022	30212	754//	09210	87612		
Gorleston	497	60315	60012	30313	655//	09212	86625		
Aberporth	502	51411	62031	30013	52500	07305	85820		
Ross-on-Wye	627	70410	66022	30012	745//	08400	87625		
Filton	628	70706	66052	30113	785//	09004	81823	87632	
Rhoose	715	50713	59042	29812	52401	09203	85814		
Chivenor	707	51008	69014	28815	35631	09002	83630	83076	
Mount Batten	827	70910	56052	28313	756//	11004	87630		
St Mawgan	817	71510	61021	28115	684/1	11003	82710	84813	
Scilly	804	50905	81031	28113	28431	09002	82815	83358	
Culdrose	809	51203	78021	27614	58400	11000	84815	83620	
Guernsey	894	70607	64032	27414	754//	12801	85612	87620	
Elmdon	534	70509	66022	31111	754//	08006	85614	87626	
Cardington	559	80307	58506	30412	854//	10107	87712	88615	
Wittering	462	70612	74026	31112	784//	07107	85815	87650	
Watnall	354	80311	48505	31910	854//	09007	83710	88620	
Shawbury	414	70908	69022	31512	785//	07106	86820	87635	
Finningley	360	70307	64032	32112	784//	08006	83815	87650	
Kilnsea	396	30515	66011	31912	32570	08213	82820	83360	
Leeming	257	60408	50041	33311	686//	07104	82835	85656	
Tynemouth	262	53513	66032	33610	586//	08210	81830	85635	
Carlisle	222	30205	66030	33111	38500	07103	82822		
Valley	302	10909	58041	30913	11500	09106	81820		
Ringway	334	70710	65022	31812	785//	05207	81820	87656	
Squires Gate	318	20912	80031	32213	22500	07105	82825		
Ronaldsway	204	20912	84010	32512	28501	08110	82825		
Mull of Galloway	131	10912	82020	32211	12500	07106	81825		
Eskdalemuir	162	10707	74020	33609	12500	05106	81823		
Prestwick	135	11108	83020	33311	14600	05105	81830		
Abbotsinch	140	30904	30044	33610	15830	04105	81657	83359	
Leuchars	171	10605	82020	34011	18500	06107	81825		
Dyce	091	32705	82011	34111	34400	05112	81615	83635	
Lerwick	005	12605	82030	32410	11401	04216	81815		
Wick	075	70000	89021	33210	785//	06210	81820	87638	
Sule Skerry	010	51605	82032	32712	32530	05217	83820	85360	
Cape Wrath	049	32302	85018	32711	35500	06210	83625		
Stornoway	026	61607	86031	32311	1253/	07002	81825	86358	
Benbecula	022	11511	88028	31811	18500	07101	81822		
Tiree	100	11315	89010	31911	18430	06103	81815		
Aldergrove	917	31209	59050	31812	31400	06204	83818		
Malin	980	11313	85030	31311	12502	06103	81820		
Belmullet	976	61410	82011	27912	18502	07815	81820	86070	
Birr	965	61108	82021	29912	11502	06804	81822	86068	
Dublin	969	61110	62031	30512	52401	08400	82715	85823	
Shannon	962	71011	80034	28911	30936	07704	83362	87268	
Roches Point	952	71013	80021	29112	18432	09000	81817	87359	85070
Valentia	953	81310	82032	26613	2552/	08803	82721	84656	88460

OBSERVATIONS at 18h. — 25 October 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	70506	40052	30011	756//	10308	84630	87650	
862	70106	30052	29512	755//	11306	87625		
871	70409	40052	29313	4563/	11206	84635	87359	
797	70612	64252	29913	783//	11309	82709	83823	85634
776	50508	57051	30012	35480	10306	81615	83368	
775	70506	61022	30413	764//	10309	82714	87717	
772	70511	58022	30513	755//	10311	83622	87640	
586	70208	74012	32111	755//	07217	82625	87650	
590	70508	69015	31711	755//	08311	83628	87649	
497	70316	60022	31612	755//	07211	87625		
502	11206	61031	30009	15532	07210	81625		
627	70408	60022	30911	756//	09312	87630		
628	50303	58052	30909	55400	08310	81712	85645	
715	60407	57041	30209	25601	08308	82636	86078	
707	51005	60012	29411	25632	09310	82630	85075	
827	70805	56051	28812	75502	11209	87620		
817	71006	56022	28313	755//	11305	87624		
804	71003	66032	28013	755//	12305	87620		
809	81107	30052	27813	853//	12302	84706	88622	
894	80703	58205	27713	853//	12306	84708	87620	
534	60807	61012	32010	655//	07311	83625	85645	
559	80311	70036	31811	855//	09312	84620	86623	88640
462	60508	74012	32510	656//	08213	86640		
354	60408	59015	33108	657//	07311	86656		
414	70906	58042	32111	757//	07308	87650		
360	10605	66011	33309	15700	07211	81650		
396	20516	66011	33010	12570	08211	81820		
257	10802	58041	34108	15600	06309	81640		
262	00808	81021	34109	00900	07305			
222	11007	59040	33707	15600	05308	81640		
302	20708	61040	31309	00902	07310	82075		
334	20507	58011	32610	25600	04212	82640		
318	10907	57040	32707	15602	05307	81640		
204	11013	80020	32111	11502	06305	81825		
131	21108	80020	32111	12501	05303	81825		
162	10505	66011	34505	15400	04308	81714		
135	11403	70051	33504	14602	03309	81830		
140	10805	45040	33309	00901	05304	81075		
171	10000	74110	35005	14600	04311	81640		
091	12802	45040	35203	15600	02310	81640		
005	12102	80020	34405	10931	03210	81360		
075	10000	89011	34008	15601	05306	81635		
010	21705	84011	33310	28501	07208	81825		
049	21802	85020	32808	15501	03204	81625		
026	51713	82031	32509	38530	05205	81824	83636	
022	21507	87020	31107	15504	05702	81624		
100	31519	89030	31010	31501	05400	83820		
917	31205	59041	31509	35501	06205	82620		
980	41113	82011	30409	11502	06500	81823	84070	
976	71309	82012	26711	15632	08505	81637	83359	85070
965	71108	80021	28909	25602	07301	82636	87068	
969	71105	60041	30511	724/2	08305	87819	83070	
962	71311	80022	27611	15636	08302	81630	83359	86270
952	71211	75022	28612	764//	10307	84712	87635	
953	71010	84026	25513	5563/	08501	85635	86360	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00131	000 +		+
862	00141	005 +		+
871	00140	002 +		+
797	91151	+		pro
776	00141	000 +		+
775	00151	002 +		+
772	00151	000 +		+
586	00130	+		+
590	97131	003 +		$1d_o$
497	00130	000 +		+
502	00141	082 +		+
627	00131	015 +		+
628	00140	027 +		+
715	00131	045 +		+
707	00161	046 +		+
827	00151	026 +		+
817	00150	064 +		+
804	00160	075 +		+
809	00140	043 +		+
894	97141	003 $1d_o$		$1d_o$
534	00121	002 +		+
559	97130	000 d_or_o		+
462	00131	001 +		+
354	97111	000 $d_od_o-d_o$		+
414	00130	019 +		+
360	00131	007 +		+
396	00120	035 +		+
257	00110	045 +		+
262	00111	039 +		+
222	00131	091 +		+
302	00140	052 +		+
334	00130	007 +		+
318	00141	060 +		+
204	00131	087 +		+
131	00121			
162	00101	070 +		+
135	00121	077 +		+
140	00120	063 +		+
171	00123	085 +		if
091	00131	059 +		+
005	00111	077 +		+
075	00111	022 +		+
010	00130			
049	00111	053 prof		+
026	00111	063 +		+
022	97121	077 pro		+
100	00121	082 +		+
917	00131	081 +		+
980	9713	086		
976	0013	043		
965	9714	066		
969	9713	077		
962	0014	036		
952	9713	048		
953	9714	000		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

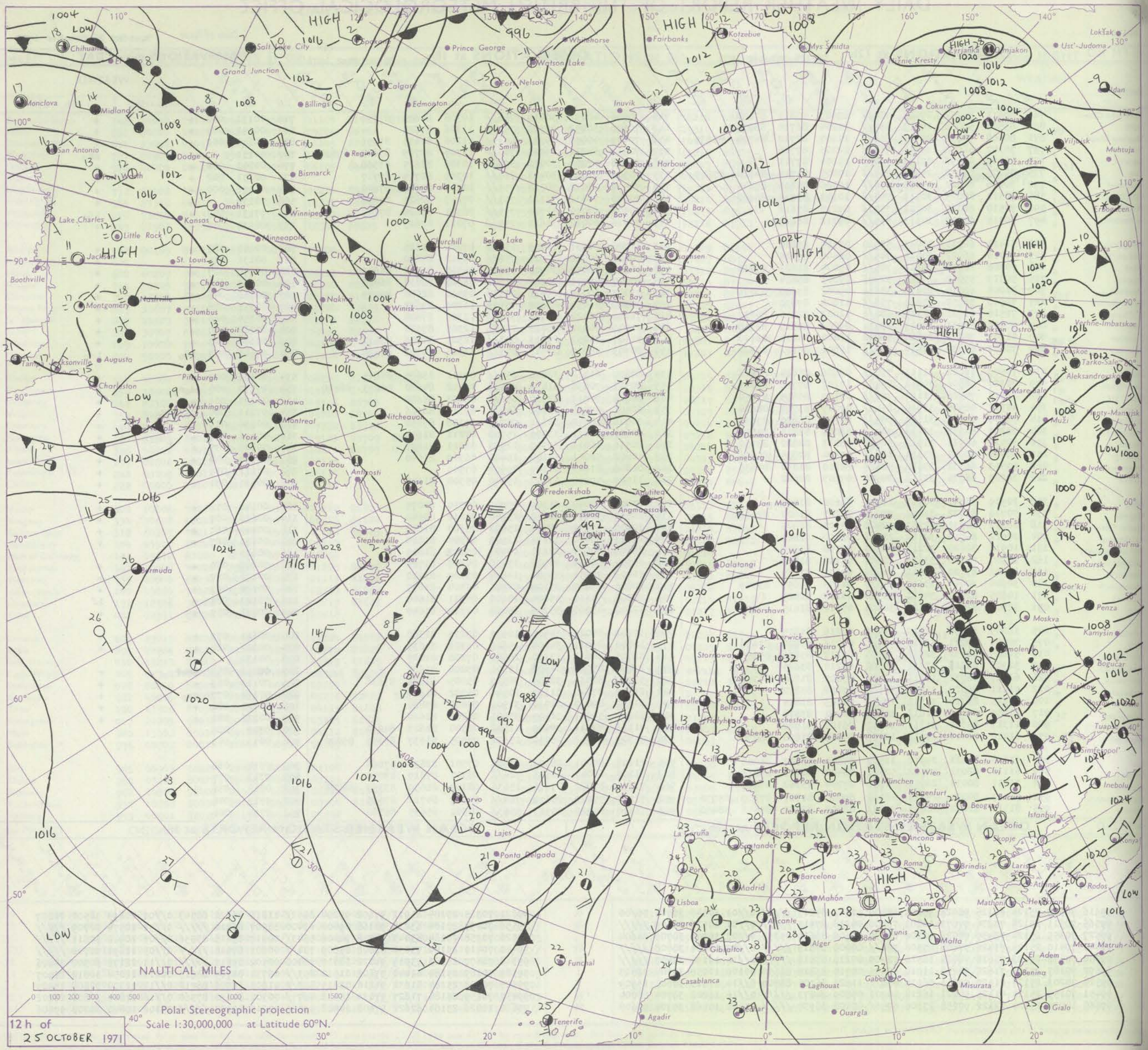
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99616	70329	25124	62126	98028	95804	68400	51342	84815	/////	0//01	10648	30708	00/00
B	99565	70511	25124	73236	97871	10801	73400	00218	87915	/////	0//01	10576	30609	/////
C	99527	70355	25124	73439	98026	92206	65430	00608	86610	85356	0//03	10949	30706	34604
D	99440	70410	25124	73426	97808	07308	724//	00000	87815	/////	0//07	11691	30708	/////
E	99350	70478	25123	73618	98021	18518	72400	00218	87818	/////	0//14	12198	30807	/////
I	99592	70187	25124	71622	98258	11010	68405	00710	83814	86650	00109	11058	30704	22803
J	99524	70203	25124	81529	95216	06114	872//	11623	86705	88709	0//14	11313	30605	13909
K	99451	70159	25124	41426	98021	16218	00901	00809	84073	/////	0//16	11802	30704	20004
M	99660	10024	25124	72122	97258	23306	6956/	00208	86930	/////	05404	10868	30304	99608

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70325	25184	81912	97602	95204	6552/	11815	86622	88543	0//01	10693	30502	21807
B	99556	70495	25184	63238	98168	09402	63400	33507	86910	/////	0//51	10576	30709	/////
C	99528	70358	25184	83443	98258	94406	5543/	00317	85615	85356	0//01	10922	30811	/////
D	99440	70410	25184	73432	97808	05309	734//	00607	87915	/////	0//05	11691	30708	/////
E	99348	70477	25183	73519	98022	18317	78400	00502	85817	/////	0//11	12175	30302	34806
I	99589	70189	25184	81440	97602	11512	853//	00731	84709	88615	00211	11054	30812	21907
J	99525	70202	25184	81632	94216	03415	863//	41808	86706	88710	0//14	11300	30808	13909
K	99452	70159	25184	71627	97031	15318	4577/	00302	84650	87360	0//16	11804	30806	20202
M	99660	10026	25184	62622	97808	24908	59560	00216	85924	/////	05106	10840	30203	99606

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
Chihuahua
Monclova
Midland
San Antonio
Fort Worth
Dodge City
Lake Charles
Little Rock
Jackson
Boothville
Montgomery
Nashville
Columbus
Chicago
St. Louis
Kansas City
Omaha
Minneapolis
Winnipeg
Bismarck
Rapid City
Billings
Pueblo
Grand Junction
Salt Lake City
Spokane
Calgary
Edmonton
Regina
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Fort Smith
Churchill
Baker Lake
Chesterfield
Inuvik
Fairbanks
Barrow
Kotzebue
Sachs Harbour
Coppermine
Cambridge Bay
Gould Bay
Resolute Bay
Eureka
Alert
Isachsen
Nanisivik
Arctic Bay
Coral Harbour
Nottingham Island
Port Harrison
Great Whale
Winisk
Moosonee
Nakina
Thunder Bay
Detroit
Toronto
Pittsburgh
Augusta
Tampa
Jacksonville
Charleston
Norfolk
Washington
New York
Boston
Ottawa
Montreal
Nitchequon
Caribou
Anticosti
Yarmouth
Sable Island
Stephenville
Gander
Cape Race
Bermuda
Frobisher
Resolution
Cape Dyer
Clyde
Upernavik
Egedesminde
Godthab
Frederikshab
Angmagssalik
Narssarssuaq
Prins Christian Sund
Jan Mayen
Kap Tobin
Thorshavn
Dalatangi
Stornoway
Belmullet
Belfast
Aberporth
Manchester
London
Scilly
Valentia
Brest
Bruxelles
Paris
Tours
Dijon
Clermont-Ferrand
Bordeaux
La Coruña
Santander
Porto
Madrid
Lisboa
Sagres
Gibraltar
Casablanca
Agadir
Tenerife
Funchal
Lajes
Ponta Delgada
Barbados
Barbuda
Antigua
Barbados
Curaçao
Maracaibo
Caracas
Trinidad
Georgetown
Belém
Fortaleza
Recife
Natal
Rio de Janeiro
Belo Horizonte
Brasília
Manaus
Iquitos
Lima
Arequipa
Antofagasta
Santiago
Buenos Aires
Montevideo
Asunción
La Paz
Cuiabá
Campo Grande
Porto Alegre
Curitiba
São Paulo
Salvador
Ascension
Tristan da Cunha
Gough Island
Cape Town
Port Elizabeth
East London
Durban
Lourenço Marques
Beira
Salisbury
Bulawayo
Windhoek
Walvis Bay
Luanda
Kinshasa
Brazzaville
Libreville
Douala
Lagos
Accra
Abidjan
Monrovia
Freetown
Dakar
Bathurst
Conakry
Bissau
Las Palmas
Nouakchott
Port Etienne
Agadir
Laghouat
Ouargla
Algiers
Oran
Bône
Tunis
Malta
Gabes
Misurata
Benina
El Adem
Mersa Matruh
Gialo
Cairo
Alexandria
Tripoli
Rodos
Athinai
Larisa
Skopje
Sofia
Istanbul
Inebolu
Simferopol'
Odessa
Constanta
Satu Mare
Cluj
Sulina
Tuapse
Sochi
Tbilisi
Erzurum
Trabzon
Ankara
Konya
Adana
Beirut
Damascus
Jerusalem
Amman
Baghdad
Tehran
Mashhad
Kabul
Peshawar
Lahore
Jodhpur
Jaipur
Delhi
Agra
Kanpur
Lucknow
Allahabad
Varanasi
Patna
Gaya
Calcutta
Dhubri
Gauhati
Shillong
Dibrugarh
Akyab
Rangoon
Mandalay
Bangkok
Phnom Penh
Saigon
Vientiane
Udorn
Chiang Mai
Hong Kong
Canton
Macau
Amoy
Foochow
Shanghai
Nanking
Hankow
Changsha
Kweiyang
Kunming
Chengtu
Sian
Lanchow
Yinchwan
Peking
Tientsin
Taiyuan
Hsinking
Mukden
Antung
Fusan
Nagasaki
Kagoshima
Miyazaki
Kochi
Matsuyama
Hiroshima
Osaka
Nagoya
Hamamatsu
Tokyo
Yokohama
Sendai
Hachinohe
Aomori
Hakodate
Wakkanai
Sapporo
Kushiro
Nemuro
Petropavlovsk
Anadyr
Magadan
Yakutsk
Verkhoyansk
Tiksi
Khatanga
Dikson Ostrov
Russkaja Gavan'
Mys Čeljuskin
Ostrov Kotel'nyj
Ostrov Kosa
Čokurdah
Nižnie Kresty
Mys Šmidta
Lokčak
Ust'-Judoma
Tyrjanka
Ojmjakon
Jakutsk
Vercholensk
Razdol'e
Viljujsk
Muhtuja
Džardžan
Erbogačen
Vanavara
Verhnie-Imbatskoe
Taz-Iskoe
Tarko-Sale
Aleksandrovskoe
Marekhale
Malye Karmakuly
Muži
Vanzy-Mansijsk
Ivdel'
Turinsk
Ust'-Cil'ma
Murmansk
Arhangel'sk
Ob'
Soalnkyla
Kajaani
Sančursk
Volodda
Gor'kij
Penza
Moskva
Kamyšin
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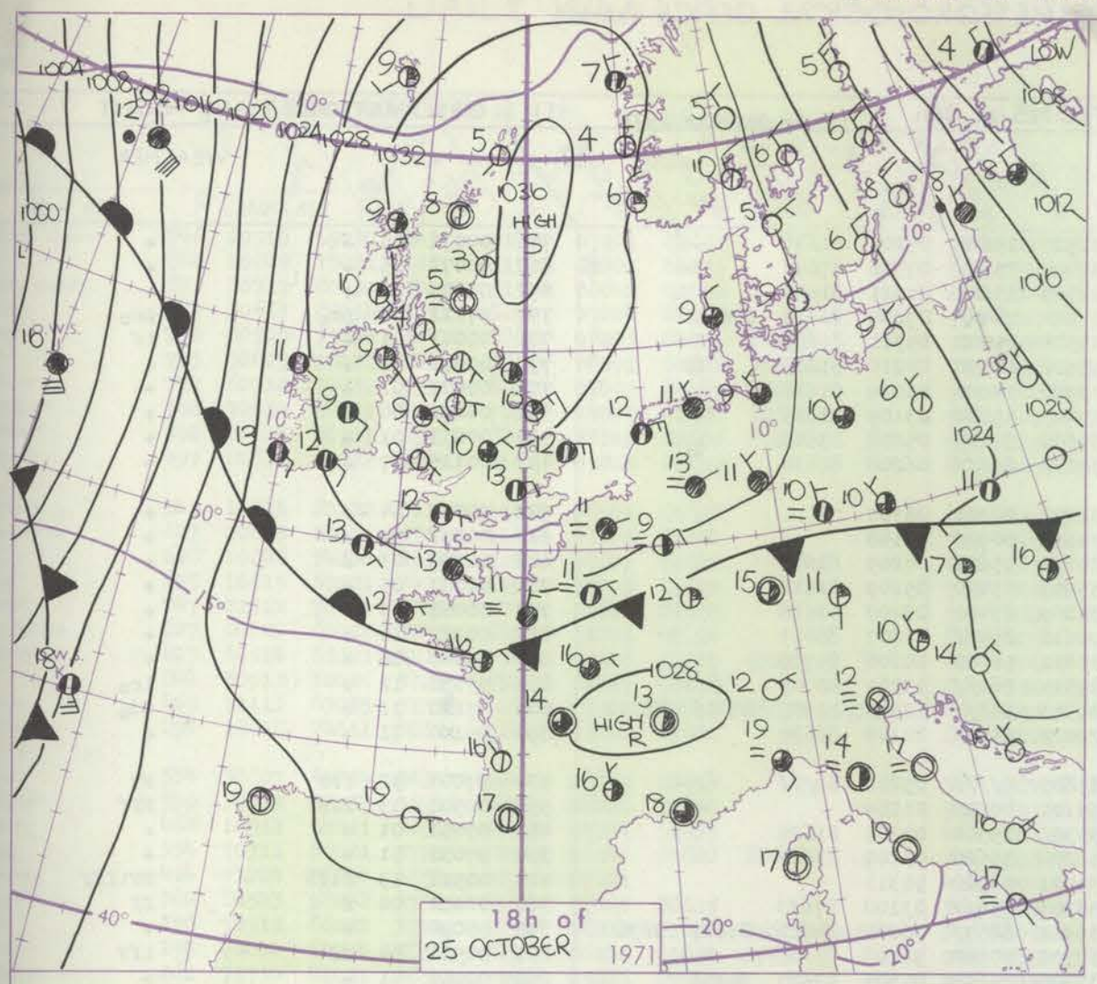
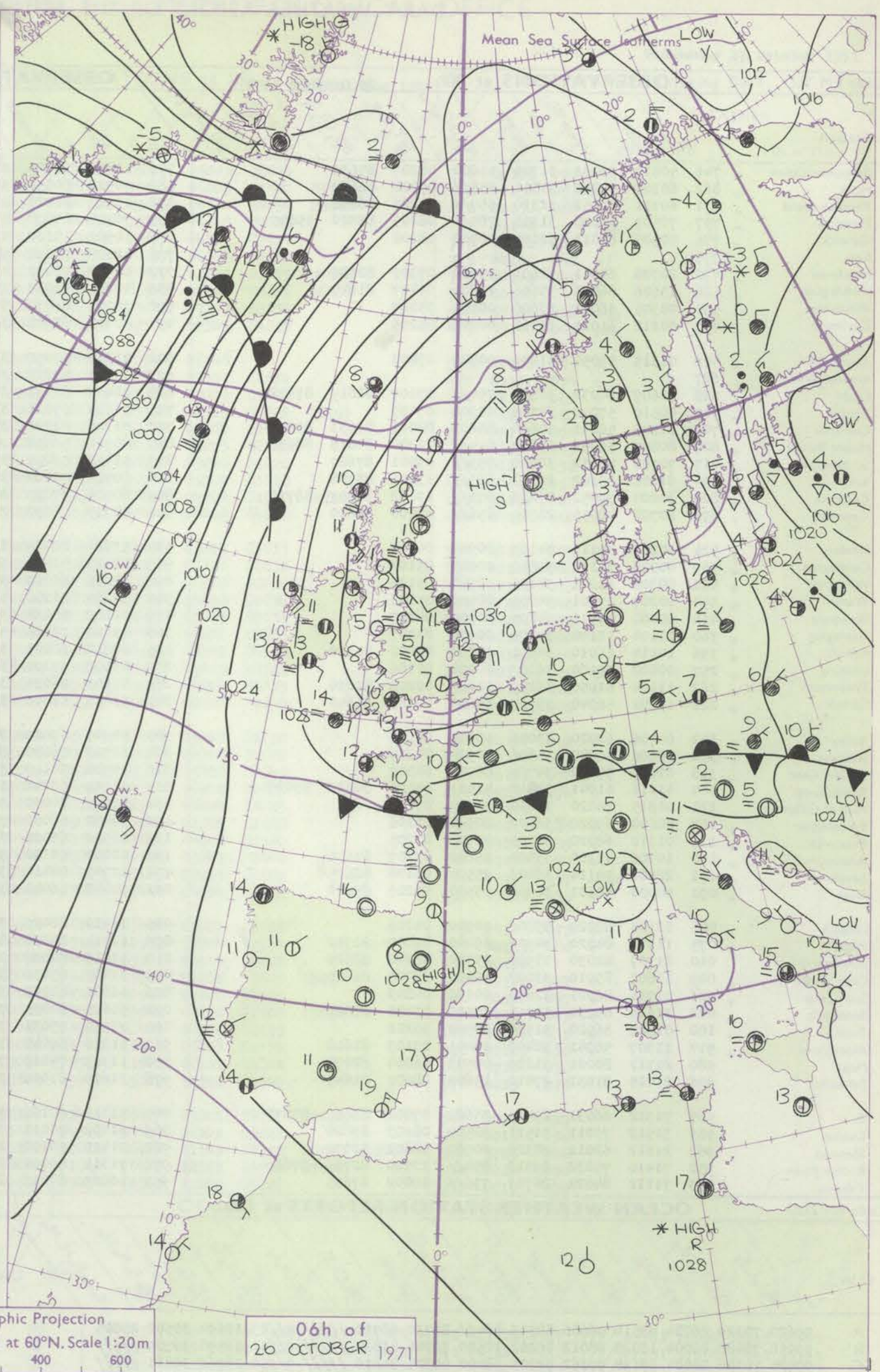
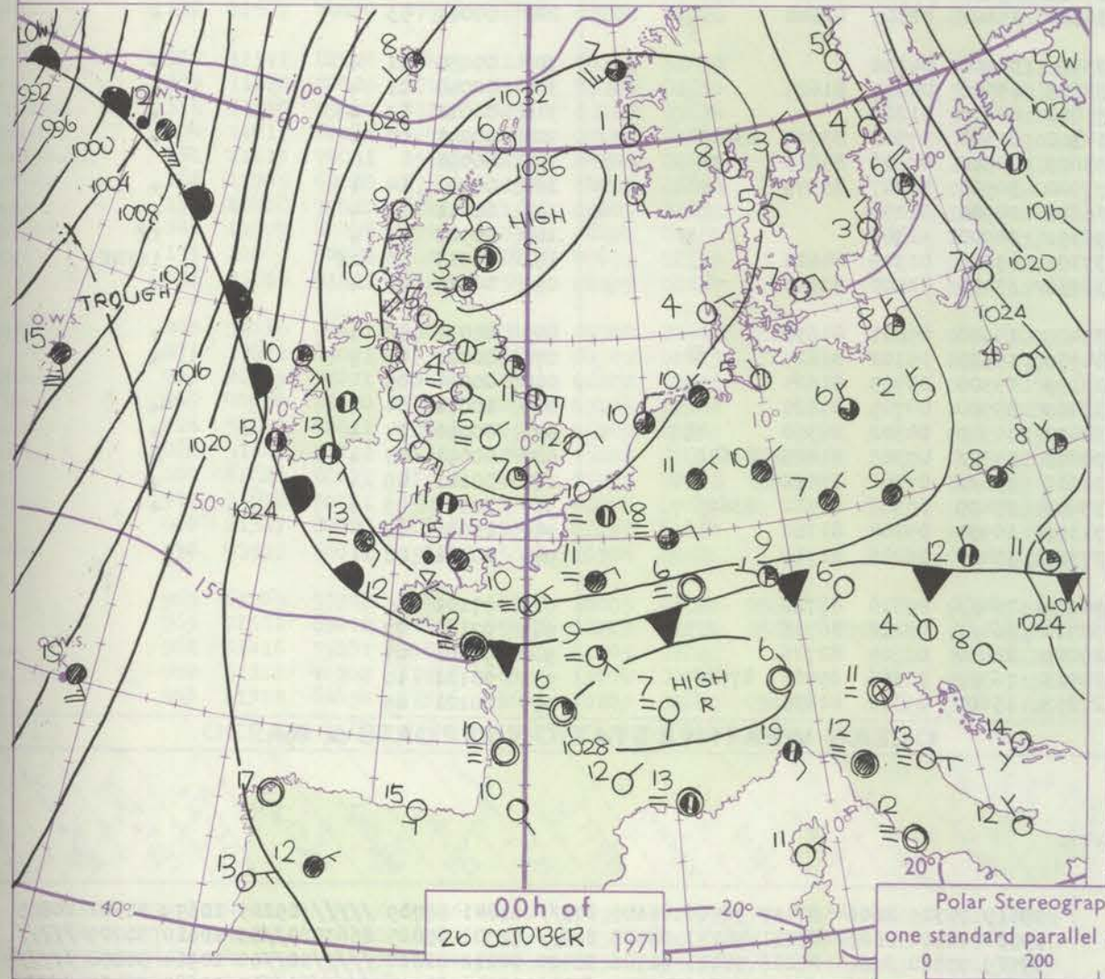
Gabes
Misurata
Benina
El Adem
Mersa Matruh
Gialo
Laghouat
Ouargla
Agadir
Casablanca
Gibraltar
Alger
Oran







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 26 October 1971

The high over eastern Scotland intensified and moved to the North Sea as the high over southern Europe weakened, both acting as an effective block to the eastward progress of Atlantic depressions. During the next 24 hours the high centre is expected to transfer to southern Sweden with a ridge southwards to another high in the Mediterranean. The effect of this will be to allow an increase in the strength of the mild southeasterly wind regime over the British Isles.

Code FM 11.D **OBSERVATIONS at 00h.** 26 October 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	50817	59052	31709	55600	08207	85635		
Hurn	862	60303	50052	31311	656//	09208	86639		
Thorney Island	871	60311	59052	31310	657//	09206	86656		
Manston	797	70509	83038	31913	785//	08205	83820	85645	
Gatwick	776	00507	60011	32009	00900	08206			
Kew	775								
Heathrow	772	20308	64011	32609	25600	07307	82630		
Honington	586	13606	66031	33606	15600	05107	81640		
Wattisham	590	00305	66021	33606	00900	05207			
Gorleston	497	00212	61021	33112	00900	06205			
Aberporth	502	01315	59050	31209	00900	07802			
Ross-on-Wye	627								
Filton	628	70607	64032	32709	754//	07107	82619	87642	
Rhoose	715	00510	57040	31709	00900	07105			
Chivenor	707	61205	58051	30610	35602	08001	83633	85075	
Mount Batten	827	80807	56052	29912	854//	11302	84618	88636	
St. Mawgan	817	70708	48052	30010	755//	09001	87627		
Scilly	804	81008	32102	29113	863//	13001	88708		
Culdrose	809	80804	37052	29213	873//	12102	84707	88710	
Guernsey	894	80708	58055	28715	856//	12400	88630		
Elmdon	534	00101	35111	34105	00900	04106			
Cardington	559	00305	32111	33805	00900	05108			
Wittering	462	00306	61021	34106	00900	05106			
Watnall	354	00207	37101	34805	00900	05103			
Shawbury	414	00000	37111	34205	00900	04207			
Finningley	360	03104	12100	35304	00900	04307			
Kilnsea	396	10914	66010	34511	10970	09802	81360		
Leeming	257	00000	19100	36102	00900	02106			
Tynemouth	262	11104	61050	36209	11600	06208	81830		
Carlisle	222	10702	56040	35903	15600	02105	81640		
Valley	302	00706	62020	33006	00900	05106			
Ringway	334	00606	40040	34606	00900	04206			
Squires Gate	318	01109	57100	34704	00900	04305			
Ronaldsway	204	41116	61041	33910	41501	08106	84822	83075	
Mull of Galloway	131	01815	74020	32810	00900	07204			
Eskdalemuir	162	00000	69020	36802	00900	01106			
Prestwick	135	01210	68020	35205	00900	03205			
Abbotsinch	140	10706	45100	35504	15600	03107	81635		
Leuchars	171	22502	59114	36403	25500	03108	82625		
Dyce	091	50000	50101	36900	55500	50206	85620		
Lerwick	005	02104	82020	35806	00900	04106			
Wick	075	11711	84020	34909	16400	06000	81712		
Sule Skerry	010	21709	82030	33909	25500	06400	82625		
Cape Wrath	049	11802	85010	33207	15500	02400	81625		
Stornoway	026	01716	82021	32609	00900	04803			
Benbecula	022	31614	85030	31710	35500	07101	83626		
Tiree	100	01522	86020	31910	00900	06202			
Aldergrove	917	11307	58041	32409	15401	07103	81618		
Malin	980	21312	80021	31209	00902	06004	82070		
Belmullet	976	21415	81031	27010	15602	08001	81645		
Birr	965	71312	66031	29411	35602	07802	83632	87070	
Dublin	969	31512	75011	31511	32500	08103	83820		
Shannon	962	21112	62011	28310	00902	08802	82070		
Roches Point	952	71410	75032	29313	754//	12500	82714	87626	
Valentia	953	71112	84022	26713	756//	10002	87635		

OBSERVATIONS at 06h. 26 October 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	10816	66021	32907	15600	05206	81635		
862	70510	60031	32409	756//	07308	87640		
871	10512	61011	32709	15600	07311	81640		
797	70508	87038	33111	784//	07209	81818	87637	
776	10502	58110	33506	15500	05311	81625		
775	10505	66020	33606	15500	04210	81626		
772	10408	70030	33907	14600	05209	81630		
586	10204	69030	34405	15500	03109	81625		
590	30205	66030	34605	35600	05208	83640		
497	60418	62031	34012	656//	06208	86630		
502	01317	59050	32208	00900	06307			
627	00703	57020	34605	00900	04108			
628	10405	61031	34205	15601	04209	81640		
715	10612	65011	33207	15400	05209	81612		
707	31306	61021	31809	25401	08207	82616		
827	80912	56052	30612	854//	11207	88611		
817	51112	56051	30611	56300	10206	85708		
804	80912	32102	29514	862//	13301	88705		
809	80908	37055	29513	863//	12303	82707	83708	88710
894	60713	56052	29013	656//	10103	86630		
534	93601	00434	35605	9////	05211	89///		
559	00403	01424	35101	00900	01209			
462	10106	66020	35306	15500	04209	81625		
354	30205	28100	36204	35500	03209	83624		
414	00000	00464	35801	00900	50311			
360	73102	12284	36303	756//	03108	87633		
396	80818	66021	35911	6857/	06205	84820	86647	88360
257	03102	37104	37300	00900	51208			
262	41903	66021	37206	25630	05304	82630	84358	
222	11003	56040	36802	15601	02307	81640		
302	00907	69020	33905	00900	04208			
334	10707	56040	35805	15500	04207	81625		
318	00908	30110	35801	00900	01209			
204	51117	58041	34810	51400	07306	83714	83818	
131	51616	80030	33609	52500	07206	85825		
162	30000	62030	37900	30930	50207	83359		
135	01502	65020	36201	00900	01208			
140	00000	18110	36351	00900	52306			
171	42705	08414	37101	45500	01305	84626		
091	30000	66041	36951	35400	52500	83615		
005	11911	82020	35407	15600	05801	81630		
075	11714	84020	34709	15500	05102	81625		
010	11813	82020	33109	15500	04703	81625		
049	31402	85030	32409	35500	00705	83620		
026	41823	82030	32010	40940	04302	84360		
022	51620	84031	30810	555//	07303	81625	85640	
100	71527	75031	31611	756//	07202	87635		
917	31310	59040	33409	35400	07308	81712	83616	
980	11319	75010	31109	10930	07204	81360		
976	21618	81010	27311	15402	08206	81716		
965	71311	60101	30711	764//	09310	87710		
969	61408	70011	32711	664//	09212	86718		
962	21110	50100	29009	26400	08304	82716		
952	71311	50101	29913	763//	12306	85706	87626	
953	10809	84011	27813	15600	09311	81635		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00071	05	+	+
862	00071	06	+	+
871	00080	06	+	+
797	97111	08	pr_o	pr_o
776	00041	51	+	if
775	00061	51	+	+
772	00071	01	+	+
586	00030	00	+	+
590	00051	01	+	+
497	00110	07	+	+
502	00071	04	+	+
627	00041	51	+	+
628	00050	03	+	+
715	00071	05	+	+
707	00081	03	+	+
827	00121	10	+	+
817	00100	08	+	+
804	97131	12	+	ir_o
809	97120	11	+	id_o
894	00120	11	+	+
534	97001	52	fFF	FF
559	00500	53	fff	FFf
462	97051	01	+	+
354	97031	51	+	+
414	00511	53	f1fF	FF1fff
360	00031	00	f	ff
396	00090		+	+
257	00510	54	ff	1fF
262	00051	51	+	+
222	00011	53	+	+
302	00030	51	+	+
334	00050	01	+	+
318	00011	53	+	+
204	00091	07	+	+
131	00091			
162	00501	54	+	+
135	00011	52	+	+
140	00523	56	+	1f
171	00513	55	1f	1ffFf
091	00511	56	+	+
005	00031	52	+	+
075	00081	06	+	+
010	00081	05		
049	00071	04	+	+
026	00090	04	+	+
022	00091	07	+	+
100	00101	09	+	+
917	00071	03	+	+
980	00081	05		
976	00101	08		
965	97101	06		
969	97110	07		
962	97091	07		
952	00121	10		
953	00121	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70329	26004	83514	96606	88303	864//	81730	88710	/////	0//03	10694	30502	20805
B	99558	70488	26004	13028	98012	08202	12500	72706	81825	/////	0//51	10598	30709	/////
C	99524	70356	26004	63138	97152	99305	68400	00325	84810	/////	0//50	10966	30811	/////
D	99440	70410	26004	40123	97808	09007	43400	00220	84915	/////	0//05	11706	30707	/////
E	99350	70480	26003	83521	98808	21018	884//	00309	86815	/////	0//11	12184	30302	34804
I	99589	70188	26004	81638	97616	07412	873//	31716	88707	/////	00312	11062	30913	99/06
J	99524	70201	26004	81735	95072	05915	863//	41323	88706	/////	0//14	11332	30909	13910
K	99451	70159	26004	81523	97216	17118	3547/	00006	83616	88359	0//17	11808	30906	/////
M	99660	10021	26004	82618	96258	27808	895//	00212	88925	/////	05006	10820	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70329	26064	83417	96506	81105	873//	81841	88709	/////	05205	10679	30502	20805
B	99562	70500	26064	83131	98251	08303	885//	72302	85825	86630	0//53	10610	30709	/////
C	99529	70360	26064	22226	98021	01706	28400	00212	82810	/////	0//00	10964	30808	/////
D	99440	70410	26064	63624	97808	11310	63400	00213	84915	/////	0//02	11680	30707	/////
E	99348	70479	26063	13610	98018	21818	12400	00102	81816	/////	0//09	12130	30302	35805
I	99592	70189	26064	81833	96506	05212	873//	41613	88707	/////	00412	11068	30810	99/06
J	99522	70200	26064	81821	96031	08915	884//	00217	82710	88630	0//14	11370	30605	13908
K	99450	70160	26064	81519	97036	17718	6545/	00302	83617	85640	0//16	11800	30906	/////
M	99660	10020	26064	52517	97152	28808	49560	00107	84930	/////	00006	10835	30304	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40151

Date of Issue Wednesday 27 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 26 October 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	20916	69030	34313	21400	07101	82818		
Hurn	862	20809	75021	33814	21500	08001	82822		
Thorney Island	871	30712	80030	34215	31500	08002	83828		
Manston	797	30613	89018	34513	38500	07004	82822		
Gatwick	776	60509	75034	34412	685//	08103	83825	84645	
Kew	775	70809	78031	34813	785//	06001	81822	86634	
Heathrow	772	60712	70031	35113	68500	07001	84825	83640	
Honington	586	70510	80031	36212	785//	04008	81820	87640	
Wattisham	590	80608	80501	35911	885//	07105	83822	88645	
Gorleston	497	80611	63032	36313	856//	05209	88630		
Aberporth	502	11313	80020	34112	11502	06102	81820		
Ross-on-Wye	627	10805	63020	35112	11600	08805	81830		
Filton	628	10808	74030	35313	18500	07802	81828		
Rhoose	715	10615	65021	34711	11501	07003	81820		
Chivenor	707	21312	70021	33314	18531	09801	81825		
Mount Batten	827	60813	60012	32414	68500	11002	85820		
St. Mawgan	817	60914	61021	32114	38481	10106	83814	83075	
Scilly	804	50913	32056	31214	55400	12207	85618		
Culdrose	809	71113	60055	31514	5833/	11209	83707	85615	87360
Guernsey	894	10818	74011	30614	11400	09102	81816		
Elmdon	534	30807	62034	36311	32400	06002	83815		
Cardington	559	30610	80034	35913	38500	06000	82820		
Wittering	462	10911	82021	36513	18500	05004	81825		
Watnall	354	70711	66021	37311	785//	06106	81820	87626	
Shawbury	414	01204	56044	36509	00900	07801			
Finningley	360	80503	58042	37511	855//	07005	88625		
Kilnsea	396	70915	66022	37711	5857/	06212	81820	85625	87360
Leeming	257	70000	62044	38709	745//	06206	81820	87630	
Tynemouth	262	71710	81021	38511	755//	05206	87625		
Carlisle	222	11507	74030	37711	18500	05802	81828		
Valley	302	11511	82020	35414	11602	04102	81830		
Ringway	334	11110	70020	37112	11600	04104	81830		
Squires Gate	318	31310	59040	37213	32500	08103	83824		
Ronaldsway	204	11217	61041	36712	18401	07008	81816		
Mull of Galloway	131	21613	74011	35511	22501	07208	82825		
Eskdalemuir	162	11709	69030	37810	11500	04202	81822		
Prestwick	135	11408	72020	37211	11601	05000	81830		
Abbotsinch	140	11007	40044	37210	10931	04801	81360		
Leuchars	171	20000	40204	38307	26400	07001	82715		
Dyce	091	21816	81021	37809	25501	04105	82624		
Lerwick	005	51818	80031	35810	25401	07704	82818	83070	
Wick	075	11812	89021	35310	15532	04301	81625		
Sule Skerry	010	21709	82011	33811	15501	06202	81625		
Cape Wrath	049	40000	85020	33512	20941	03205	82360		
Stornoway	026	51820	82011	33412	50931	06209	85360		
Benbecula	022	51623	70012	32311	12431	08108	81817	83362	
Tiree	100	61624	68031	33612	5843/	08207	82816	84622	
Aldergrove	917	71508	70021	35012	755//	08208	87620		
Malin	900	21517	80020	32713	11542	08106	81820		
Belmullet	976	41518	66011	29314	25632	10304	82640		
Birr	965	61209	59102	32413	685//	10005	83820	85628	
Dublin	969	71511	65042	34312	754//	08209	81714	85620	87632
Shannon	962	31416	59101	30815	38531	11003	82828		
Roches Point	952	81312	40102	31813	863//	12004	88706		
Valentia	953	31312	66050	29316	21601	10203	82840	83070	

OBSERVATIONS at 18h. 26 October 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	80812	66031	34711	855//	06209	88624		
862	70612	65021	34312	755//	06209	81620	87636	
871	80609	82021	34711	856//	04210	86634	88640	
797	70514	84021	34812	755//	04205	87628		
776	70507	75022	34911	756//	04307	87634		
775	70307	59022	35312	746//	06304	87630		
772	70510	61012	35512	785//	06207	81825	87632	
586	60306	66022	36410	685//	07305	82826	86636	
590	20607	70015	36109	25600	07207	82630		
497	40518	60018	36312	42500	07305	84825		
502	01109	83010	34509	00900	06306			
627	20502	70011	35610	25600	07311	82630		
628	50707	62031	35211	55600	07306	85640		
715	50610	65031	34410	35530	07305	83622	83359	
707	31204	66030	33611	35631	07207	83635		
827	20908	66021	32612	24500	09205	82620		
817	10807	64011	32511	18500	09206	81820		
804	31016	74021	31313	31400	09307	83818		
809	51013	74031	31712	58400	07304	81816	84622	
894	40817	78032	31312	45402	06208	84618		
534	30706	62011	36509	34600	05307	83635		
559	80310	61021	36510	856//	06306	88633		
462	80610	74031	37110	857//	06308	88650		
354	50307	62012	37708	55600	05308	85630		
414	70806	63041	36510	756//	05205	87634		
360	30705	72011	38109	35600	05206	83635		
396	40814	66011	38111	40970	06303	84360		
257	81307	74022	39109	855//	05309	88625		
262	81412	81022	39110	855//	05204	88625		
222	11006	74010	37907	15600	03306	81640		
302	11111	69020	35508	15602	05306	81630		
334	70807	65021	37610	755//	04307	87622		
318	41005	36041	37306	45600	05306	84645		
204	41013	59040	36311	44500	06302	84629		
131	21812	66020	35111	22500	06604	82825		
162	10000	74010	39003	15600	01307	81635		
135	10806	70050	37305	15641	04308	81630		
140	11304	56040	37208	14601	05307	81640		
171	12202	62110	38405	15600	05306	81640		
091	11704	62040	37806	15400	04304	81618		
005	32011	74011	36208	35400	06307	83615		
075	11707	89020	35110	10942	07304	81364		
010	21709	82030	34211	15501	06204	81625		
049	32302	85010	34210	15541	04205	81625	83070	
026	21922	80011	34010	10942	07208	81361		
022	51612	70011	33411	15502	09210	81620	85072	
100	21626	66011	33912	10401	08306	81615		
917	21206	60021	34909	16402	06203	81714		
900	11419	75010	32910	11501	08205	81822		
976	11203	58101	29412	15602	10301	81640		
965	61108	59101	32411	664//	09301	84716	83632	
969	51406	70021	34511	55500	08203	85621		
962	81213	58101	30813	864//	11303	82712	86718	86640
952	71312	56012	31813	764//	12303	84710	87630	
953	51209	60051	29214	52500	11205	85825		

OBSERVATIONS during DAY

iii	RRT T_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00141	070	+	+
862	00150	057	+	+
871	00150	060	+	+
797	97141		pr$_o$	+
776	00131	036	+	+
775	00141	042	+	+
772	00141	049	+	+
586	00130		+	+
590	97121	008	id$_o$	+
497	97140	006	pr$_o$	+
502	00131	089	+	+
627	00131	074	+	+
628	00140	083	+	+
715	00130	080	+	+
707	00151	076	+	+
827	00150	049	+	+
817	00150	032	+	+
804	00160	012	+	+
809	97150	028	id$_o$	+
894	00150	060	+	+
534	00131	055	Ff	+
559	00140	048	+	+
462	00131	063	+	+
354	00121	040	+	+
414	00131	052	Ff	+
360	00121	000	+	+
396	00120	000	+	+
257	00110	009	jf	+
262	00111	022	+	+
222	00121	085	+	+
302	00150	092	+	+
334	00130	071	+	+
318	00131	076	+	+
204	00130	074	+	+
131	00110			
162	00111	076	+	+
135	00121	085	+	+
140	00130	070	+	+
171	00111	057	Fjf	+
091	00111	078	+	+
005	00101	075	+	+
075	00111	086	+	+
010	00130			
049	00131	072	+	+
026	00120	047	+	+
022	00130	043	+	+
100	00121	035	+	+
917	00121	032	+	+
900	9714	078		
976	0015	076		
965	0014	027		
969	0013	038		
962	9715	046		
952	0013	000		
953	0017	074		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

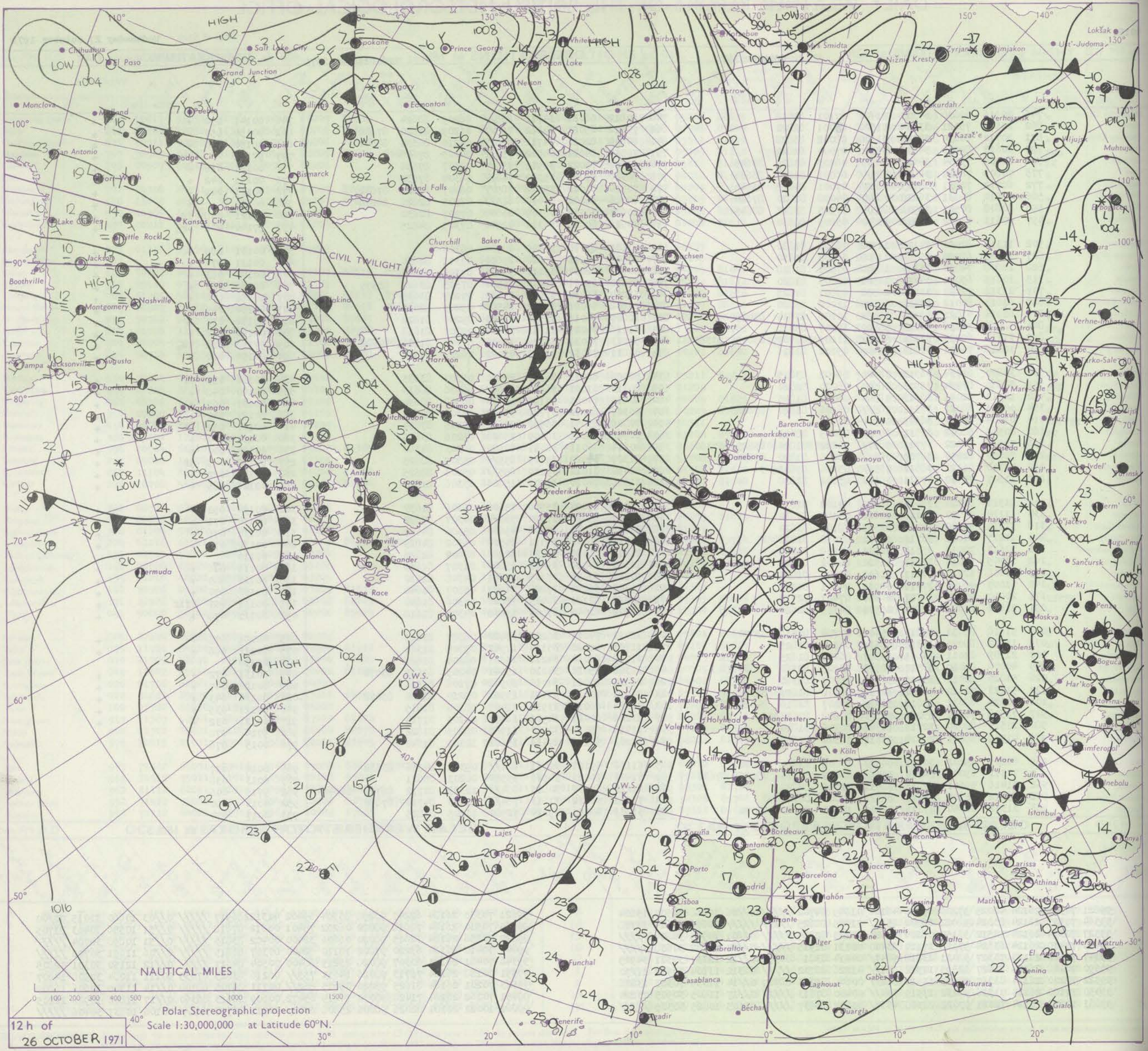
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70329	26124	42025	97206	69306	46100	41649	04702	/////	0//06	10668	30502	15004
B	99564	70507	26124	83024	98022	08302	855//	71005	88625	/////	/////	10606	30604	34708
C	99527	70354	26124	52512	98150	06804	52400	00223	82815	/////	0//01	10949	30804	/////
D	99440	70410	26124	63624	97168	17110	63400	00131	81915	/////	0//04	11692	30808	/////
E	99347	70482	26123	73307	98021	23818	5847/	00214	83818	84357	0//12	12137	30301	34905
I	99590	70188	26124	81627	92595	10912	871//	41226	88702	/////	00312	11104	30912	21/70
J	99522	70200	26124	81717	94505	11514	872//	00108	83703	88709	0//14	11359	30303	13806
K	99450	70160	26124	71536	96032	17919	754//	00400	87613	/////	0//17	11005	30905	23204
M	99661	10022	26124	72021	97022	28308	4567/	00807	84637	/////	00105	10825	30305	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99621	70330	26184	62247	96258	85904	69402	41312	86917	/////	0//03	10660	31015	00/00
B	99565	70510	26184	72618	98022	06202	75401	00612	87618	/////	0//51	10556	30403	33705
C	99527	70356	26184	32615	98020	06606	32400	00402	83815	/////	0//51	10898	30704	/////
D	99440	70410	26184	63220	97802	18110	62400	00307	86815	/////	0//06	11691	30706	/////
E	99346	70401	26183	60307	98028	23219	68400	00504	84817	/////	0//12	12150	30301	02805
I	99591	70188	26184	71713	98026	14611	755//	00216	83625	87635	00111	11004	30908	14907
J	99523	70201	26184	81625	95026	09015	862//	00711	83705	88708	0//14	11300	30606	16809
K	99451	70162	26184	71428	96032	14819	65472	00609	86613	86360	0//17	11806	30906	22205
M	99661	10022	26184	82026	96606	25908	6742/	00711	86718	/////	00106	10837	30406	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 26 OCTOBER 1971

Mean Sea Surface Isotherms

06h of 27 OCTOBER 1971

00h of 27 OCTOBER 1971

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 27 October 1971

The intense anticyclone over the North Sea, still continuing to build, remained almost stationary and dominated the weather over the whole of the British Isles. Meanwhile Atlantic depressions have moved northwards from the Azores area towards Iceland. During the next 24 hours the North Sea anticyclone will remain the dominant feature for the British Isles.

Code FM 11.D

OBSERVATIONS at 00h. 27 October 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	746	10608	62011	35509	15500	06101	81628		
Hurn	862	80307	65031	34909	857//	07001	88650		
Thorney Island	871	10308	74011	35109	15600	05102	81635		
Manston	797	30712	70011	35710	35500	06002	83620		
Gatwick	776	50507	65021	35509	55600	06203	85632		
Kew	775								
Heathrow	772	70409	64022	36111	755//	06104	87628		
Honington	586	70407	66011	37708	755//	05108	87628		
Wattisham	590	40706	61011	37509	45500	06107	84623		
Gorleston	497	20920	61021	37812	21600	06207	82830		
Aberporth	502	70905	80031	36307	756//	05212	87630		
Ross-on-Wye	627								
Filton	628	70506	62052	36610	756//	06003	87634		
Rhoose	715	80815	66022	35711	855//	05003	88628		
Chivenor	707	60905	66011	34911	656//	05005	86630		
Mount Batten	827	70806	74021	33711	755//	07003	82625	87641	
St. Mawgan	817	70907	62031	33810	755//	06105	87628		
Scilly	804	21115	74020	32413	21400	07102	82818		
Culdrose	809	71111	74031	32712	755//	07304	87626		
Guernsey	894	20913	70020	32111	25500	07103	82622		
Elmdon	534	70505	61031	38008	755//	06205	87626		
Cardington	559	80506	70031	37409	856//	06002	88633		
Wittering	462	60608	66011	38008	655//	06103	86625		
Watnall	354	70307	58031	39306	755//	05205	87621		
Shawbury	414	50000	48041	38107	55600	05104	85630		
Finningley	360	50302	61011	39406	55500	05205	85629		
Kilnsea	396	31218	66011	39512	30970	07308	83360		
Leeming	257	00902	69011	40608	00900	05207			
Tynemouth	262	71714	81022	40410	756//	06205	87640		
Carlisle	222	01105	69020	40104	00900	02113			
Valley	302	01307	66020	37106	00900	03207			
Ringway	334	10705	62011	38008	15500	04002	81625		
Squires Gate	318	40906	58041	38903	45600	03206	84635		
Ronaldsway	204	11118	65021	38011	15500	06207	81628		
Mull of Galloway	131	01427	66020	36411	00900	05106			
Eskdalemuir	162	10000	62100	41001	15600	01207	81639		
Prestwick	135	01305	65020	39002	00900	01207			
Abbotsinch	140	00702	22100	39303	00900	03209			
Leuchars	171	00000	58100	40151	00000	51108			
Dyce	091	02207	64020	39505	00900	03209			
Lerwick	005	12110	74020	37907	15600	06110	81640		
Wick	075	01905	84020	37207	00900	05210			
Sule Skerry	010	12405	81020	36211	15600	07208	81630		
Cape Wrath	049	12302	85010	35009	15500	05206	81625		
Stornoway	026	01918	75020	35910	00900	06207			
Benbecula	022	11617	70011	35111	15500	08107	81625		
Tiree	100	71524	63011	35511	754//	08103	82617	86626	
Aldergrove	917	21308	59050	36408	25500	06205	82620		
Malin	900	01114	81010	35209	00900	07109			
Belmullet	976	11315	60100	30611	10930	09007	81361		
Birr	965	01308	58101	34108	00900	07005			
Dublin	969	21411	75030	35311	25500	07301	82625		
Shannon	962	71212	58102	32212	756//	10106	87636		
Roches Point	952	21416	65031	32913	25600	09003	82634		
Valentia	953	01312	62051	29713	00900	09004			

OBSERVATIONS at 06h. 27 October 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	746	10510	59050	34607	15500	05704	81620		
Hurn	862	10207	65011	33805	15500	05707	81625		
Thorney Island	871	10411	66020	34008	15600	06704	81630		
Manston	797	10713	61020	35009	15400	06400	81615		
Gatwick	776	00406	58021	34807	00900	06703			
Kew	775	10406	48051	35307	00901	05400	81075		
Heathrow	772	00308	59021	35408	00900	05400			
Honington	586	00508	66011	37206	00900	04202			
Wattisham	590	00608	62020	36806	00900	04201			
Gorleston	497	10918	62030	38012	15600	05006	81630		
Aberporth	502	10806	62031	35407	15600	05703	81630		
Ross-on-Wye	627	10506	57011	35907	15500	05602	81625		
Filton	628	10508	58051	35707	15600	04801	81630		
Rhoose	715	20712	70011	35008	25600	06101	82630		
Chivenor	707	10908	69011	33909	15600	05311	81630		
Mount Batten	827	70712	74032	32811	756//	08301	87638		
St. Mawgan	817	70607	62022	32510	756//	08702	87632		
Scilly	804	81211	74021	31413	856//	07400	81632		
Culdrose	809	70911	72021	31912	784//	10801	81814	86626	
Guernsey	894	10614	66011	31011	15400	07704	81618		
Elmdon	534	10501	58111	37504	15600	04101	81630		
Cardington	559	00408	40111	37004	00900	04000			
Wittering	462	00509	61011	38005	00900	04302			
Watnall	354	00408	48021	38604	00900	04201			
Shawbury	414	01002	35041	37406	00900	03703			
Finningley	360	10202	62030	38806	15600	05602	81635		
Kilnsea	396	11109	66020	39011	15600	08502	81630		
Leeming	257	10000	48040	40002	15500	01001	81625		
Tynemouth	262	01605	81021	40009	00900	08004			
Carlisle	222	10907	69030	39304	15500	02704	81625		
Valley	302	01007	74020	36204	00900	03703			
Ringway	334	10807	62030	37807	15600	04004	81630		
Squires Gate	318	00807	60020	38203	00900	02802			
Ronaldsway	204	71117	64031	37310	754//	06001	82716	85626	87630
Mull of Galloway	131	81422	74031	36311	856//	06002	88645		
Eskdalemuir	162	00000	74020	40450	00900	52003			
Prestwick	135	01209	74020	38603	00900	01001			
Abbotsinch	140	00000	14204	39452	00900	53302			
Leuchars	171	03006	07410	40251	00900	52003			
Dyce	091	12202	59040	39403	15500	02801	81620		
Lerwick	005	12010	74010	37407	15600	06703	81630		
Wick	075	12002	82030	37406	15600	03104	81635		
Sule Skerry	010	22305	82030	36310	25500	06201	82625		
Cape Wrath	049	21805	85030	36308	25500	04308	82625		
Stornoway	026	21919	75030	35710	25500	06400	82625		
Benbecula	022	71517	63031	34711	755//	08000	87623		
Tiree	100	81423	64022	35211	854//	08101	82617	88626	
Aldergrove	917	71206	61021	36009	755//	06400	87622		
Malin	900	31512	75030	34708	30500	07803	82820		
Belmullet	976	21415	62100	30310	16430	08303	81716		
Birr	965	11111	66030	33208	15600	06803	81633		
Dublin	969	71609	80031	35111	755//	05302	87628		
Shannon	962	31110	66031	31510	35600	07501	83630		
Roches Point	952	81418	65021	32112	856//	09701	88633		
Valentia	953	01416	62050	29212	00900	07001			

OBSERVATIONS during NIGHT

Station	iii	RRT $T_n T_n E$	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00071	03	+	+
Hurn	862	00040	01	+	+
Thorney Island	871	00060	03	+	+
Manston	797	00091	07	+	+
Gatwick	776	00061	01	+	+
Kew	775	00071	05	+	+
Heathrow	772	00071	03	+	+
Honington	586	00050	01	+	+
Wattisham	590	00051	03	+	+
Gorleston	497	00110	05	+	+
Aberporth	502	00061	50	+	+
Ross-on-Wye	627	00051	00	+	+
Filton	628	00050	03	+	+
Rhoose	715	00070	06	+	+
Chivenor	707	00081	03	+	+
Mount Batten	827	00100	08	+	+
St. Mawgan	817	00090	06	+	+
Scilly	804	00120	09	+	+
Culdrose	809	00110	08	+	+
Guernsey	894	00110	09	+	+
Elmdon	534	00031	53	+	+
Cardington	559	00020	51	+	+
Wittering	462	00050	01	+	+
Watnall	354	97041	51	+	+
Shawbury	414	00031	52	+	+
Finningley	360	00051	50	+	+
Kilnsea	396	00100		+	+
Leeming	257	00020	53	+	if
Tynemouth	262	00071	02	+	+
Carlisle	222	00021	52	+	+
Valley	302	00020	52	+	+
Ringway	334	00060	51	+	+
Squires Gate	318	00011	54	+	+
Ronaldsway	204	00100	08	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00511	56	+	+
Prestwick	135	00010	54	+	+
Abbotsinch	140	00533	57	f	ff
Leuchars	171	00533	56	+	iff
Dyce	091	00021	55	+	+
Lerwick	005	00061	02	+	+
Wick	075	00091	51	+	+
Sule Skerry	010	00090	04		
Cape Wrath	049	00070	05	+	+
Stornoway	026	00090	05	+	+
Benbecula	022	00090	07	+	+
Tiree	100	00101	09	+	+
Aldergrove	917	00071	01	+	+
Malin	900	97071	02		
Belmullet	976	97091	08		
Birr	965	97071	02		
Dublin	969	00100	07		
Shannon	962	97101	08		
Roches Point	952	00121	09		
Valentia	953	00121	08		

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	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99618	70332	27004	31823	97038	00504	38400	41157	82815	/////	0//02	10612	30706	22010
B	99565	70510	27004	62119	98012	04803	55501	00713	85620	/////	0//02	10565	30403	31804
C	99527	70356	27004	22908	98018	06005	22400	00400	81815	/////	0//00	10896	30704	/////
D	99440	70410	27004	73015	97258	20810	62400	00107	86815	/////	0//04	11681	30706	/////
E	99348	70402	27003	30609	98011	25518	20430	00110	81818	/////	0//12	12134	30301	03705
I	99591	70107	27004	81623	97025	14511	6542/	41502	86615	88458	00211	11068	30807	99/06
J	99524	70203	27004	81530	95616	05014	872//	00718	88704	/////	0//15	11297	30707	21009
K	99452	70161	27004	81626	97016	16918	854//	00011	88618	/////	0//17	11810	31006	22204
M	99660	10020	27004	82128	97026	25808	895//	00303	88720	/////	00107	10836	30407	/////

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	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
A	99616	70333	27064	61708	97031	03005	68400	41307	82815	84630	05201	10632	30402	22010
B	99565	70510	27064	22123	98012	01304	25500	00719	82620	/////	0//03	10580	30505	/////
C	99528	70356	27064	62726	98026	06705	64400	00301	86612	/////	0//02	10895	30605	/////
D	99440	70410	27064	73109	98258	21011	72400	00400	87812	/////	0//05	11622	30604	/////
E	99347	70479	27063	30808	98020	24718	30400	00808	81817	/////	0//12	12106	30301	04704
I	99589	70189	27064	81629	96216	11112	855//	41820	88625	/////	00310	11073	30807	19704
J	99525	70204	27064	02232	97026	08013	00900	00330	/////	/////	0//10	11288	30505	21009
K	99451	70160	27064	81718	96618	16617	856//	00506	88633	/////	0//16	11802	30905	/////
M	99660	10020	27064	92224	93515	27209	9////	00212	89/08	/////	00308	10830	30407	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40152

Date of Issue Thursday 28 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 27 October 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	01015	61010	33712	00900	07807			
Hurn	862	00611	59020	33413	00900	05807			
Thorney Island	871	00714	62020	33712	00900	06706			
Manston	797	10819	62020	34912	00901	05808	81080		
Gatwick	776	00716	62020	34013	00900	05806			
Kew	775	10812	66020	34613	00901	03808	81077		
Heathrow	772	10816	63030	34614	00901	04708	81075		
Honington	586	20815	82010	37114	00901	02803	82080		
Wattisham	590	21014	80020	36913	00901	03802	82080		
Gorleston	497	10920	62010	38313	10930	05101	81360		
Aberporth	502	00909	62021	34312	00900	05812			
Ross-on-Wye	627	00510	66020	34712	00900	05713			
Filton	628	00811	64010	34612	00900	05811			
Rhoose	715	00719	62020	33811	00900	05810			
Chivenor	707	21316	59030	33212	21500	05711	82820		
Mount Batten	827	70611	58052	32511	755//	08707	83625	87640	
St. Mawgan	817	01012	61011	32013	00900	07710			
Scilly	804	71114	56012	31413	755//	10803	87623		
Culdrose	809	71017	58056	31512	784//	10808	82712	83818	85625
Guernsey	894	60614	63022	30113	65430	09710	82618	85645	
Elmdon	534	10911	68030	36513	00901	04707	81075		
Cardington	559	10815	66030	36313	00902	04804	81075		
Wittering	462	10915	74020	37313	00901	05806	81080		
Watnall	354	10914	74030	37613	00901	06808	81075		
Shawbury	414	01412	62040	36512	00900	04811			
Finningley	360	11110	78020	38914	00901	08804	81075		
Kilnsea	396	11424	66020	39412	00901	08206	81075		
Leeming	257	11203	69021	39713	12500	07805	81825		
Tynemouth	262	60000	61021	40611	656//	09400	86635		
Carlisle	222	00203	74020	38911	00900	06808			
Valley	302	00606	69020	35713	00900	05810			
Ringway	334	01013	64010	37513	00900	04707			
Squires Gate	318	01117	62020	37613	00900	06810			
Ronaldsway	204	11116	65011	37212	15500	07802	81625		
Mull of Galloway	131	31724	63010	36111	31600	06607	83830		
Eskdalemuir	162	00000	69020	39111	00900	05806			
Prestwick	135	11109	63050	38310	18500	06808	81822		
Abbotsinch	140	00507	50044	38708	00900	05809			
Leuchars	171	13403	48284	40306	16100	05804	81702		
Dyce	091	11914	80020	39710	11501	05000	81822		
Lerwick	005	61909	74021	37909	655/1	07103	86620		
Wick	075	11913	82020	36910	00902	05806	81075		
Sule Skerry	010	11405	81020	36412	11500	08704	81820		
Cape Wrath	049	12301	85010	36110	15500	05705	81625		
Stornoway	026	11924	75021	35711	11500	06704	81825		
Benbecula	022	71514	70022	34811	754//	08703	84616	87626	
Tiree	100	71526	80012	35411	755//	07400	82620	87628	
Aldergrove	917	71512	65022	35611	754//	06705	81715	84618	86625
Malin	980	61319	75051	34112	685//	06808	85820		
Belmullet	976	11522	75010	29512	12400	08806	81718		
Birr	965	71312	70021	32912	756//	06705	87636		
Dublin	969	71412	75022	35111	755//	05601	87626		
Shannon	962	61418	75022	30913	656//	07805	86640		
Roches Point	952	81215	62022	31713	854//	10706	81715	88632	
Valentia	953	11416	82020	28915	11600	09400	81830		

OBSERVATIONS at 18h. 27 October 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	01110	62020	31808	00900	03301			
862	00806	56050	31111	00900	05802			
871	10610	59050	31810	15600	04102	81630		
797	00817	60020	33812	00900	04501			
776	00911	60020	32809	00900	04302			
775	00812	59020	33411	00900	04208			
772	10815	59020	33112	00901	04304	81075		
586	00612	80010	35509	00900	04504			
590	00810	69010	35210	00900	04503			
497	10925	62010	36413	00901	07705	81070		
502	00914	69020	31110	00900	03607			
627	00505	77020	32509	00900	02608			
628	00508	66020	31810	00900	01508			
715	00508	60020	30808	00900	04512			
707	00802	56020	30409	00900	06608			
827	10907	48051	29611	15600	07504	81640		
817	70908	50051	29911	755//	07606	87626		
804	20912	56031	28712	25500	10508	82623		
809	70915	37102	29111	754//	11614	84711	86622	
894	41114	56051	28411	42400	08602	84816		
534	00807	61020	34009	00900	02607			
559	00614	64020	34509	00900	03502			
462	00712	64010	35409	00900	03605			
354	00712	64010	35808	00900	06604			
414	00000	66020	34208	00900	03504			
360	00807	66010	36708	00900	07604			
396	01220	66020	37212	00900	08710			
257	10000	62040	37907	15600	05502	81635		
262	01515	74021	38211	00900	09611			
222	00811	58040	36509	00900	07606			
302	00711	66020	32609	00900	03608			
334	00710	65020	35010	00900	04505			
318	01011	56040	35107	00900	05504			
204	00917	59040	34312	00900	08506			
131	01425	66020	33113	00900	06715			
162	00702	32050	37906	00900	02500			
135	00906	70020	35609	00900	02609			
140	00705	35040	36007	00900	05509			
171	13606	05411	37905	16300	05606	81706		
091	32107	59040	38306	36400	00602	83712		
005	32010	69031	36208	35430	06707	83615		
075	01607	66020	35410	00900	07707			
010	11602	82020	34010	15500	06716	81625		
049	10000	83020	33608	15500	06710	81625		
026	11910	80020	33407	15600	05610	81640		
022	11622	70011	31910	15500	06714	81625		
100	11625	80011	32511	15500	06709	81620		
917	11113	40041	32810	15500	06710	81620		
980	10410	75050	32010	11500	06804	81820		
976	11411	66100	27811	16400	08505	81719		
965	21208	62011	30608	25600	05609	82638		
969	00807	65021	31809	00900	05713			
962	71110	60102	29011	756//	07503	87635		
952	71214	62022	29512	756//	09605	87632		
953	71415	68031	26413	72600	08509	87830		

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00140	088	+	+
862	00140	084	+	+
871	00140	079	+	+
797	00130		+	+
776	00141	084	+	+
775	00141	089	+	+
772	00151	087	+	+
586	00150		+	+
590	00141	091	+	+
497	00130	091	+	+
502	00141	088	+	+
627	00131	089	+	+
628	00140	088	+	+
715	00130	086	+	+
707	00131	083	+	+
827	00120	020	+	+
817	00130	043	+	+
804	00150	007	+	+
809	97130	000	1ro	+
894	00131	037	+	+
534	00140	091	+	+
559	00140	093	+	+
462	00140	091	+	+
354	00141	087	+	+
414	00141	086	+	+
360	00151	088	+	+
396	00130	090	+	+
257	00140	080	+	1f
262	00121	068	+	+
222	00141	090	+	+
302	00160	089	+	+
334	00150	089	+	+
318	00141	087	+	+
204	00130	068	+	+
131	00130			
162	00121	087	+	ff
135	00131	091	+	+
140	00100	068	+	+
171	97101	055	Fff	1f1F
091	00111	079	+	+
005	00101	044	+	+
075	00101	084	+	+
010	00120			
049	00110	081	+	+
026	00120	062	+	+
022	00120	001	+	+
100	00121	003	+	+
917	00121	047	+	+
980	9712	068		
976	0013	085		
965	9712	000		
969	0012	032		
962	9713	013		
952	0013	000		
953	0016	076		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

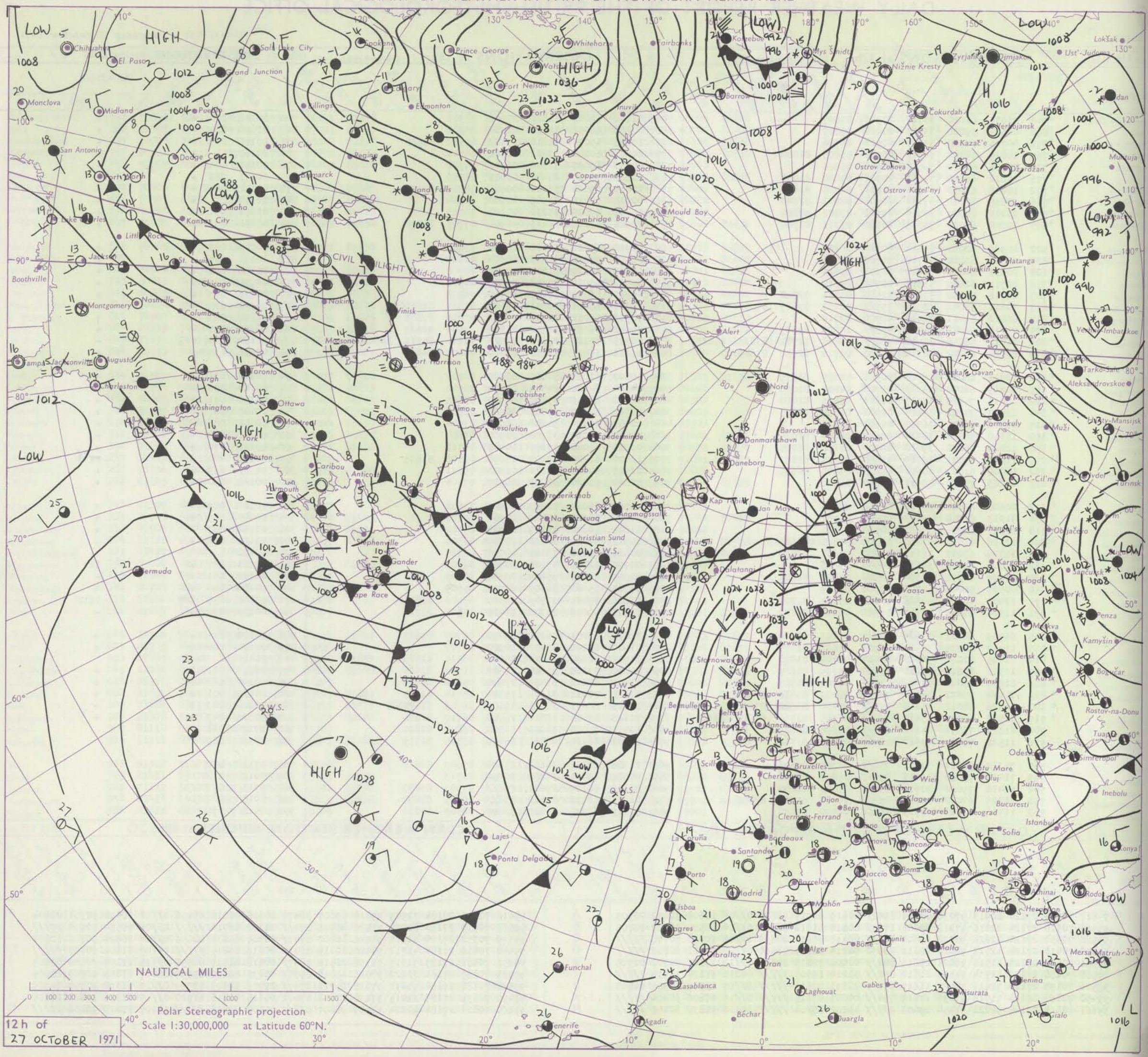
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99617	70333	27124	80913	97038	00504	6942/	00619	82915	84820	0//02	10608	30402	20905
B	99565	70510	27124	82116	97212	99005	1747/	00810	81710	88360	0//04	10584	30503	26705
C	99528	70352	27124	82626	98022	09607	884//	00115	85812	88612	0//02	10893	30706	/////
D	99440	70410	27124	62510	98022	22612	28430	00214	81815	86360	0//07	11602	30603	/////
E	99351	70483	27123	81510	98021	25619	884//	00009	82815	88658	0//13	12187	30302	02905
I	99588	70188	27124	81534	94506	11512	872//	31210	88703	/////	00212	11124	30910	/////
J	99526	70195	27124	72616	98022	16611	754//	22131	87619	/////	0//07	11369	30302	14808
K	99450	70160	27124	71718	97036	17419	754//	00003	87615	/////	0//17	11806	30804	/////
M	99661	10022	27124	92222	92454	29008	9////	00102	89/04	/////	00108	10837	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_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	70335	27184	72909	99018	99004	38478	00606	81815	85458	0//01	10590	30301	20904
B	99565	70510	27184	82524	97026	98406	874//	00302	88710	/////	0//05	10584	30504	/////
C	99529	70352	27184	82326	98022	10407	5542/	00205	85615	88456	0//04	10926	30706	30504
D	99440	70410	27184	42712	98020	20114	31431	00619	83815	/////	0//09	11602	30603	/////
E	99351	70482	27183	71515	98158	22518	7847/	00618	81817	86658	0//16	12109	30302	02804
I	99589	70187	27184	72222	97026	15810	6558/	00235	86620	85359	00007	11088	30807	18209
J	99528	70186	27184	70412	97616	15711	2557/	22706	82620	83359	0//10	11392	30203	14909
K	99450	70158	27184	22215	97038	17918	13402	00115	81816	81920	0//15	11806	30401	20804
M	99660	10021	27184	92224	93505	28807	9////	00502	89/08	/////	05107	10829	30406	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
1008
1012
1004
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996
992
988
1016
1020
1024
1028
1032
1036
1040
CIVIL TWILIGHT
Mid-October
Chihuahua
El Paso
Monclova
Midland
San Antonio
Dodge C.
Salt Lake City
Grand Junction
Spokane
Billings
Rapid City
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Inuvik
Sachs Harbour
Coppermine
Cambridge Bay
Mould Bay
Churchill
Baker Lake
Chesterfield
Nakina
Moosonee
Vinisk
Fort Harrison
Fort Chimo
Nottingham Island
Resolution
Frobisher
Cape Dyer
Godthab
Frederikshab
Angmagssalik
Narssarssuaq
Prins Christian Sund
Reykjavik
Jan Mayen
Kap Tobin
Aulneq
Fairbanks
Barrow
Kotzebue
Mys Šmidta
Nižnie Kresty
Čokurdah
Ostrov Zelova
Ostrov Kotel'nyj
Zyrjanka
Djmjakon
Verchojansk
Kazač'e
Ust'-Judoma
Lokšak
Viljujsk
Mirnyj
Olekminsk
Ust'-Cil'ma
Barentsburg
Nord
Danmarkshavn
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Murmansk
Tromsø
Sodankylä
Myken
Rørvik
Vaasa
Ostersund
Oslo
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Helsinki
Leningrad
Moskva
Minsk
Smolensk
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Inebolu
Sofia
Konya
Larissa
Rodos
Mersa Matruh
El Adem
Benina
Misurata
Gabès
Tripoli
Malta
Tunis
Bône
Alger
Oran
Laghouat
Béchar
Duargla
Ghadames
Agadir
Casablanca
Gibraltar
Lisboa
Porto
Madrid
Santander
La Coruña
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Barcelona
Mahón
Ajaccio
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Brindisi
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Venezia
Milano
Zagreb
Beograd
Klagenfurt
Wien
Hannover
Berlin
Warszawa
Praha
Manchester
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Bruxelles
Köln
Paris
Dijon
Clermont-Ferrand
Scilly
Valentia
Stornoway
Thorshavn
Lerwick
Bergen
Trondheim
Ona
Vaasa
Reykjavik
Angmagssalik
Godthab
Frederikshab
Cape Dyer
Resolution
Frobisher
Nottingham Island
Fort Chimo
Goose
Anticosti
Mitchenamon
Moosonee
Nakina
Vinisk
Fort Harrison
Churchill
Baker Lake
Chesterfield
Eureka
Alert
Arctic Bay
Resolute Bay
Isachsen
Cambridge Bay
Mould Bay
Copermine
Sachs Harbour
Inuvik
Aklavik
Tuktoyaktuk
Barrow
Kotzebue
Fairbanks
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Fort
Prince George
Calgary
Edmonton
Regina
Prince Albert
Winnipeg
Thunder Bay
Sault Ste Marie
Billings
Rapid City
Bismarck
Omaha
Kansas City
Little Rock
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Augusta
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Boston
New York
Caribou
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Stephenville
Sable Island
Cape Race
Gander
Bermuda
Monclova
Midland
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Salt Lake City
Grand Junction
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Thorshavn
Lerwick
Bergen
Trondheim
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Vaasa
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Misurata
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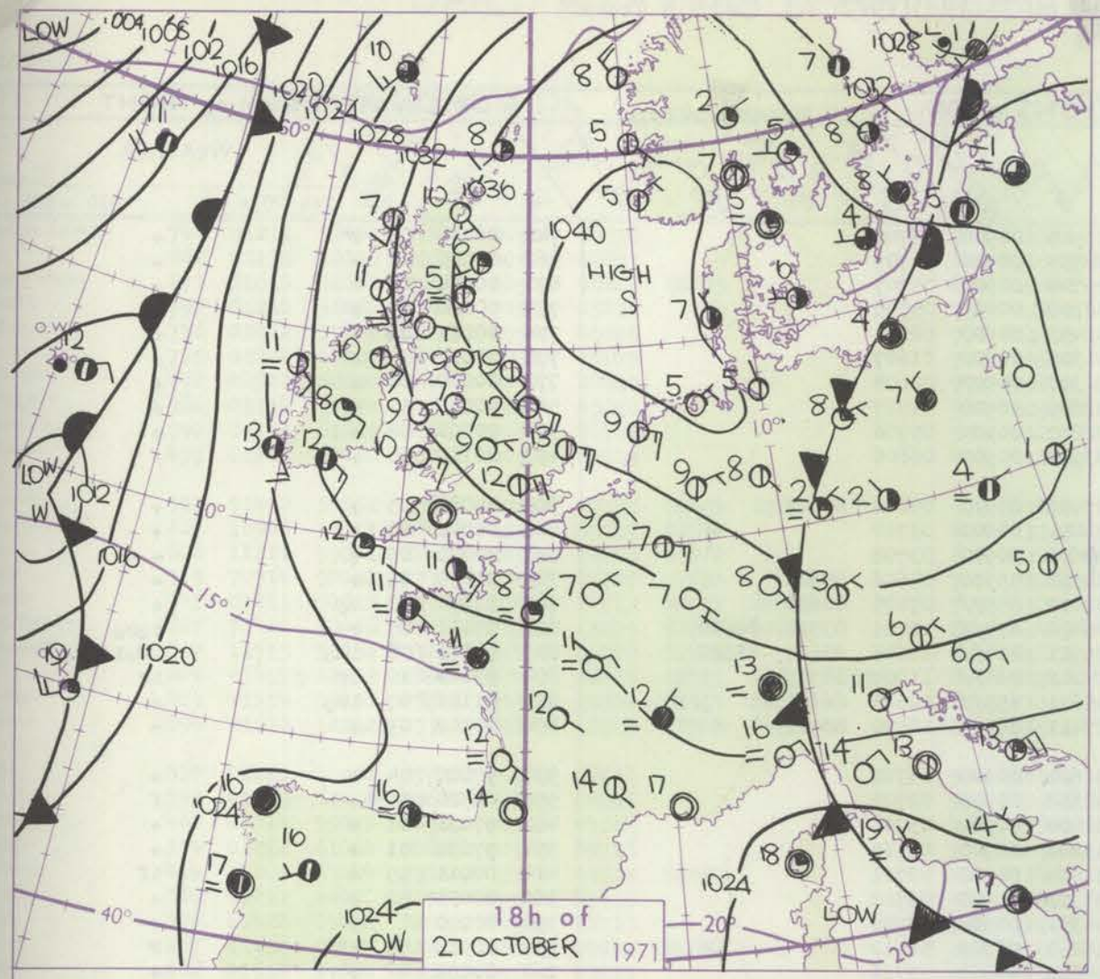
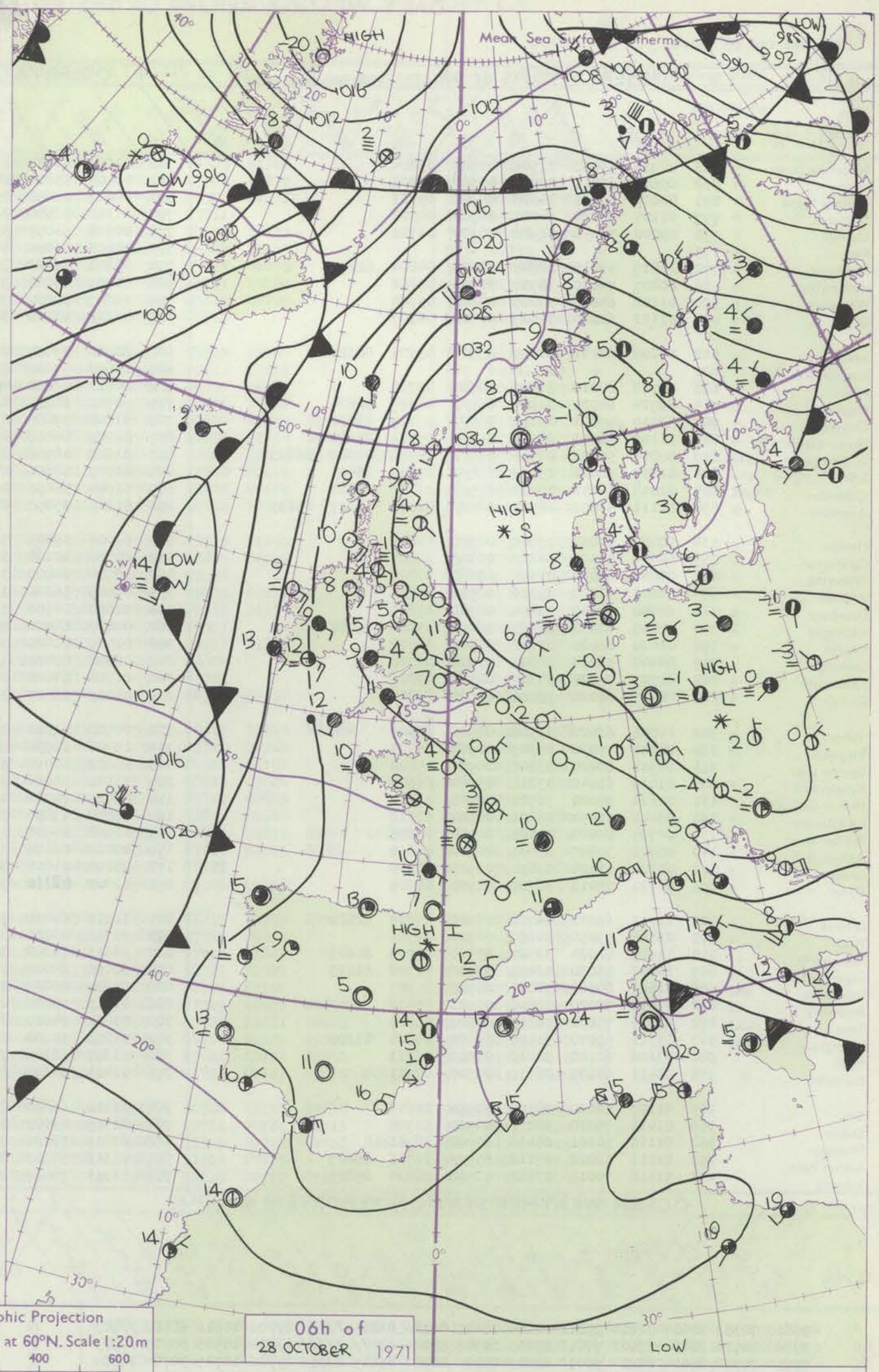
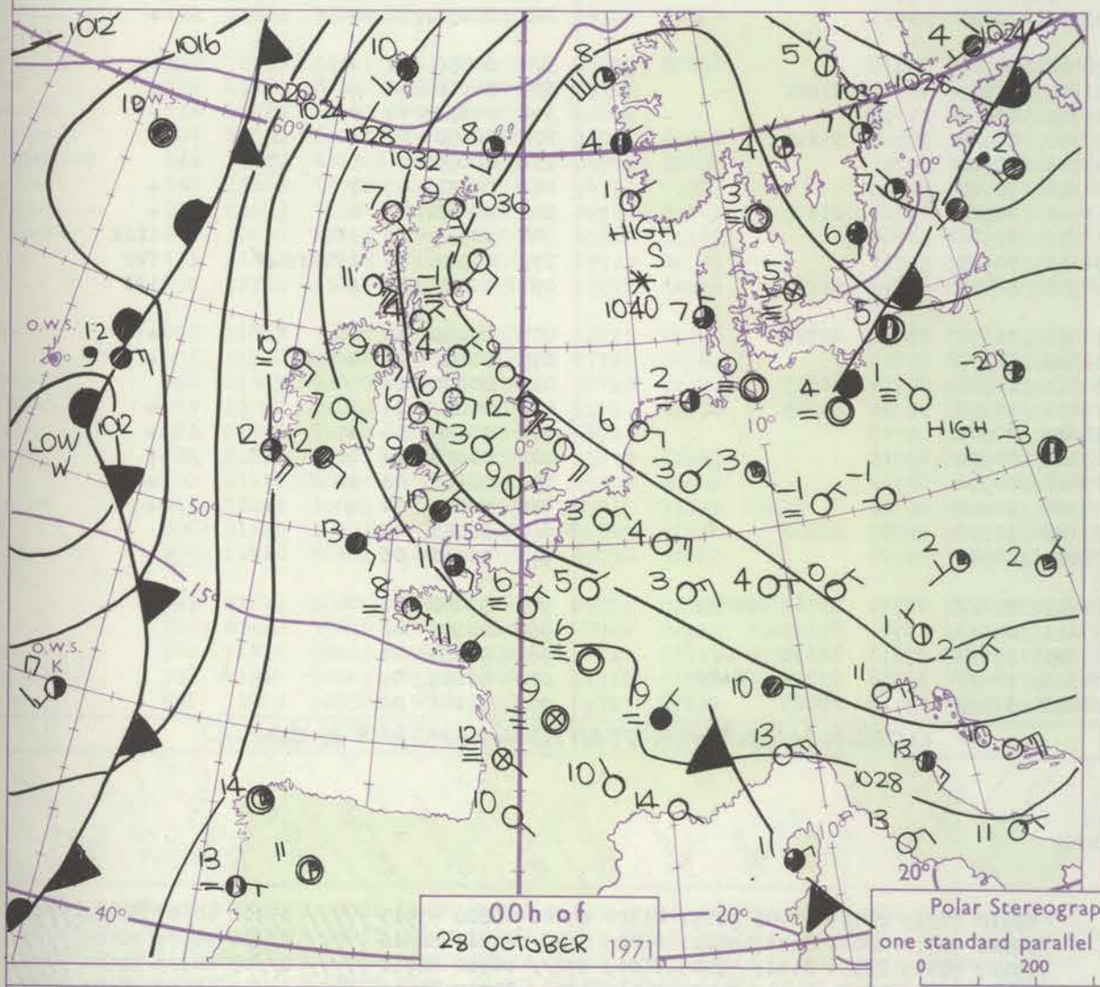
Ghadames







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 28 October 1971

The anticyclone over the North Sea has developed a ridge to the southeast during the past 24 hours and is expected to transfer to Poland by tomorrow morning. A complex low pressure area from northern Norway across Iceland to the Azores has remained almost stationary during the past 24 hours with a waving cold front on its forward side. A major wave depression about 600 miles west of Scotland moved north then northwest and is now centred as a much shallower system off northwest Iceland. It is now expected to turn northeast. Another wave depression which became apparent as a developing feature about 200 miles westsouthwest of Ireland at midday yesterday is moving north and is expected to be centred about 150 miles south of eastern Iceland by tomorrow morning.

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

Code FM 11.D — **OBSERVATIONS at 00h.** — 28 October 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	00913	59050	31506	00900	03804			
Hurn	862	00606	65011	30907	00900	04802			
Thorney Island	871	00609	59051	31608	00900	05703			
Manston	797	01105	64020	34011	00900	04500			
Gatwick	776	00000	56050	32902	00900	01702			
Kew	775								
Heathrow	772	10810	57010	32809	00901	04804	81075		
Honington	586	00807	74020	34907	00900	05802			
Wattisham	590	01108	64020	34809	00900	05704			
Gorleston	497	01122	62020	35413	00900	06707			
Aberporth	502	81108	62031	30409	855//	03705	88625		
Ross-on-Wye	627								
Filton	628	00708	62010	31807	00900	03708			
Rhoose	715	80714	64021	30509	855//	04707	88624		
Chivenor	707	81310	59501	29211	855//	07707	88621		
Mount Batten	827	81107	56051	28512	855//	09704	88629		
St. Mawgan	817	80806	50051	27910	855//	08710	82620	88635	
Scilly	804	81209	56021	27113	855//	09708	88621		
Culdrose	809	81008	56052	27412	855//	11712	88620		
Guernsey	894	61111	56051	28711	684//	06802	83817	85635	
Elmdon	534	00402	59050	33903	00900	02805			
Cardington	559	00408	56100	34202	00900	02805			
Wittering	462	00808	62020	34905	00900	03805			
Watnall	354	00609	62020	35306	00900	05804			
Shawbury	414	00000	50040	33804	00900	03805			
Finningley	360	10000	62030	35705	16000	05804	81700		
Kilnsea	396	01424	66020	35712	00900	08707			
Leeming	257	00000	56284	36703	00900	02708			
Tynemouth	262	01709	74020	37309	00900	09806			
Carlisle	222	00607	66020	36004	00900	03804			
Valley	302	01006	62020	31506	00900	03503			
Ringway	334	00908	75020	34309	00900	05803			
Squires Gate	318	00912	60020	33806	00900	05808			
Ronaldsway	204	01019	61040	33211	00900	06807			
Mull of Galloway	131	01624	74020	31711	00900	06611			
Eskdalemuir	162	03402	58054	36801	00900	52812			
Prestwick	135	00705	80020	34404	00900	01605			
Abbotsinch	140	00906	30040	35005	00900	04610			
Leuchars	171	00202	01424	36651	00900	52810			
Dyce	091	01711	75010	36707	00900	06709			
Lerwick	005	21911	69031	34708	25500	07707	82620		
Wick	075	01806	59050	34609	00900	06705			
Sule Skerry	010	11609	81020	32710	15500	05708	81625		
Cape Wrath	049	10000	85030	32409	15500	51708	81625		
Stornoway	026	01603	80020	32007	00900	05707			
Benbecula	022	01518	70020	30811	00900	05510			
Tiree	100	01325	75020	30811	00900	05809			
Aldergrove	917	11311	50040	31509	15500	05804	81620		
Malin	980	03606	60100	30010	00900	06713			
Belmullet	976	01411	64100	26610	00900	07711			
Birr	965	01207	66020	28507	00900	05613			
Dublin	969	01415	75020	30111	00900	02708			
Shannon	962	01115	50101	26410	00900	08721			
Roches Point	952	81212	62022	27112	855//	10716	88627		
Valentia	953	51418	70018	23812	52500	08820	85825		

OBSERVATIONS at 06h. — 28 October 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	01012	50050	29505	00900	03707			
Hurn	862	00507	65020	28905	00900	04707			
Thorney Island	871	00610	59050	29708	00900	05707			
Manston	797	01112	56050	32109	00900	05705			
Gatwick	776	00606	56050	31403	00900	02704			
Kew	775	00803	56050	31304	00900	01607			
Heathrow	772	00808	57020	31307	00900	02604			
Honington	586	00807	59020	32805	00900	04707			
Wattisham	590	01007	59020	32807	00900	05706			
Gorleston	497	01218	62020	33912	00900	06606			
Aberporth	502	80910	59031	27409	855//	05608	88627		
Ross-on-Wye	627	00606	57021	30004	00900	03710			
Filton	628	00714	59020	29606	00900	03708			
Rhoose	715	50713	60031	28508	55500	04606	85625		
Chivenor	707	81206	59035	27010	855//	07605	88620		
Mount Batten	827	81209	40616	26412	854//	10705	83714	88620	
St. Mawgan	817	81612	48506	25511	854//	10606	82614	88620	
Scilly	804	81909	58606	24212	864//	11709	88713		
Culdrose	809	61604	56056	25611	655//	10603	86620		
Guernsey	894	81210	35052	27411	864//	10500	88711		
Elmdon	534	01006	59020	31604	00900	04710			
Cardington	559	00505	32110	32302	00900	02708			
Wittering	462	00706	62020	32804	00900	03708			
Watnall	354	00609	56100	33204	00900	03710			
Shawbury	414	00000	14100	31503	00900	02711			
Finningley	360	00803	64020	33303	00900	03712			
Kilnsea	396	01420	66020	34311	00900	08706			
Leeming	257	00000	00464	34250	00900	51712			
Tynemouth	262	01708	74020	34609	00900	07721			
Carlisle	222	01003	66020	33105	00900	03712			
Valley	302	00708	61010	28506	00900	03715			
Ringway	334	10708	62030	31807	15500	04712	81620		
Squires Gate	318	01011	60020	31505	00900	04711			
Ronaldsway	204	11121	59040	30210	15400	07714	81617		
Mull of Galloway	131	01425	74020	29310	00900	07701			
Eskdalemuir	162	00000	59050	34300	00900	51809			
Prestwick	135	11008	80030	31504	00901	03713	81075		
Abbotsinch	140	00000	06424	32652	00900	52709			
Leuchars	171	03102	01444	34151	00900	51711			
Dyce	091	11002	62110	34704	16400	03710	81710		
Lerwick	005	11910	66010	32708	16300	08712	81708		
Wick	075	01712	68050	31809	00900	05713			
Sule Skerry	010	11613	74020	30310	15500	04714	81625		
Cape Wrath	049	10000	85020	29111	15500	56716	81625		
Stornoway	026	01209	80020	28809	00900	05713			
Benbecula	022	01619	70020	27310	00900	03715			
Tiree	100	01422	74020	27810	00900	05712			
Aldergrove	917	01208	50040	28308	00900	06709			
Malin	980	11307	58100	27108	11500	06707	81822		
Belmullet	976	01414	64100	22809	00900	06720			
Birr	965	81110	66021	24909	854//	07714	83715	88633	
Dublin	969	81315	65022	27011	855//	07711	88620		
Shannon	962	60811	56101	23209	656//	07613	86632		
Roches Point	952	51316	60102	24312	554//	10718	83711	84638	
Valentia	953	81312	70022	20813	825//	09716	88825		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00040	03	+	+
Hurn	862	00040	02	+	+
Thorney Island	871	00070	04	+	+
Manston	797	00080	05	+	+
Gatwick	776	00011	53	+	+
Kew	775	00011	55	+	+
Heathrow	772	00060	01	+	+
Honington	586	00040	51	+	+
Wattisham	590	00061	02	+	+
Gorleston	497	00110	05	+	+
Aberporth	502	00081	03	+	+
Ross-on-Wye	627	00041	00	+	+
Filton	628	00050	03	+	+
Rhoose	715	00070	05	+	+
Chivenor	707	97071	03	d_o	+
Mount Batten	827	97111	07	+	r_or_o
St. Mawgan	817	93091	08	id_o	$id_oid_or_o$
Scilly	804	93111	10	ir	ir
Culdrose	809	91101	07	ir_o	+
Guernsey	894	00110	09	+	+
Elmdon	534	97000	54	+	+
Cardington	559	00520	56	+	f
Wittering	462	97031	01	+	+
Watnall	354	97031	51	+	+
Shawbury	414	00011	55	+	if
Finningley	360	00031	52	+	+
Kilnsea	396	00090		+	+
Leeming	257	00513	55	iF	F
Tynemouth	262	00071	02	+	+
Carlisle	222	00031	52	+	+
Valley	302	00050	51	+	+
Ringway	334	00060	02	+	+
Squires Gate	318	00051	01	+	+
Ronaldsway	204	00090	07	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00511	57	f	+
Prestwick	135	00021	52	+	+
Abbotsinch	140	00531	58	ifff	ifff
Leuchars	171	00521	55	ifFFff	fFF
Dyce	091	00021	53	+	iff
Lerwick	005	00081	05	+	+
Wick	075	00081	03	+	+
Sule Skerry	010	00090	04		
Cape Wrath	049	00080	01	+	+
Stornoway	026	00030	54	+	+
Benbecula	022	00070	04	+	+
Tiree	100	00101	08	+	+
Aldergrove	917	00081	04	+	+
Malin	980	00081	03		
Belmullet	976	00081	06		
Birr	965	97061	01		
Dublin	969	00100	02		
Shannon	962	97081	06		
Roches Point	952	00111	09		
Valentia	953	97121	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99618	70333	28004	32214	99011	02204	18440	00116	81815	/////	0//01	10616	30502	//903
B	99565	70510	28004	13022	97012	05205	00908	00229	812//	/////	0//04	10588	30505	/////
C	99530	70352	28004	82224	98032	11408	4543/	00301	85615	88356	0//06	10927	30704	30504
D	99440	70410	28004	61912	98022	19614	21530	00709	82820	86360	0//11	11624	30502	/////
E	99351	70482	28003	82225	98032	21021	2247/	00606	82815	88358	0//16	12102	30403	99/04
I	99590	70187	28004	80000	97022	17510	856//	00001	88635	/////	05108	11063	30000	18109
J	99531	70175	28004	80314	96516	12512	853//	22717	85707	88620	0//12	11404	30202	14907
K	99449	70160	28004	42016	97011	17817	25601	00802	82640	83076	0//12	11780	30401	28304
M	99660	10021	28004	82221	95105	28608	864//	00602	88610	/////	00106	10825	30406	/////

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	99618	70333	28064	61708	98251	01604	69400	00808	85915	/////	05302	10607	30502	//903
B	99565	70510	28064	82719	98021	08405	854//	00211	88616	/////	0//04	10579	30504	/////
C	99527	70355	28064	81918	98205	10009	874//	00502	88710	/////	0//08	10923	30604	/////
D	99440	70410	28064	81909	97601	17815	1742/	00707	81815	88457	0//13	11592	30503	/////
E	99350	70479	28063	62320	98028	18021	32470	00723	83817	83357	0//18	12112	30503	/////
I	99592	70186	28064	80607	97616	13909	853//	00719	82709	88620	05809	11062	30501	18109
J	99530	70173	28064	81816	95416	09213	853//	61616	86706	88618	0//14	11398	30505	16010
K	99451	70159	28064	62831	96031	18616	68500	00308	83820	84640	0//10	11777	30706	/////
M	99659	10019	28064	82120	96022	27608	865//	00106	88725	/////	00106	10815	30405	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40153

Date of Issue Friday 29 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 28 October 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	01210	56050	28613	00900	08710			
Hurn	862	01111	58010	28315	00900	08811			
Thorney Island	871	11013	62030	29613	00901	08805	81075		
Manston	797	01210	56050	31412	00900	05810			
Gatwick	776	01012	59020	30113	00900	05809			
Kew	775	01106	62020	30013	00900	03815			
Heathrow	772	00910	58020	30013	00900	04812			
Honington	586	01114	64020	31513	00900	05810			
Wattisham	590	01313	61020	31613	00900	06711			
Gorleston	497	01217	60020	33312	00900	07101			
Aberporth	502	71420	59052	25011	755//	07715	82625	87650	
Ross-on-Wye	627	10906	57011	28412	15600	06717	81640		
Filton	628	11211	59051	28813	10930	07808	81362		
Rhoose	715	70714	50052	27710	756//	06807	87630		
Chivenor	707	81211	50515	25712	874//	10713	83710	88715	
Mount Batten	827	71410	28056	26114	753//	11806	84708	87625	
St. Mawgan	817	11715	56056	25214	16430	09808	81712		
Scilly	804	81617	32052	23814	5547/	12708	82711	85618	88360
Culdrose	809	41314	56051	25614	21430	10501	82815	84360	
Guernsey	894	81608	32052	27112	863//	11705	85708	88710	
Elmdon	534	01210	61020	29811	00900	04810			
Cardington	559	01109	61024	30613	00900	06814			
Wittering	462	01314	59020	30712	00900	07814			
Watnall	354	01212	61020	30812	00900	08715			
Shawbury	414	11607	37044	29310	15700	06714	81650		
Finningley	360	01410	66020	31513	00900	07715			
Kilnsea	396	01422	65020	32812	00900	08713			
Leeming	257	11610	62024	31812	15600	07821	81640		
Tynemouth	262	01518	74020	32311	00900	09817			
Carlisle	222	11612	74020	29813	11540	04720	81823		
Valley	302	71513	62041	26113	757//	06817	87656		
Ringway	334	01110	60010	29613	00900	03715			
Squires Gate	318	01220	62010	29512	00900	06814			
Ronaldsway	204	71021	60041	27011	757//	06824	87656		
Mull of Galloway	131	31427	63030	26710	35700	06713	83650		
Eskdalemuir	162	11608	58050	30511	11500	04717	81822		
Prestwick	135	11007	75020	28711	10942	04720	81363		
Abbotsinch	140	10610	60054	29410	10940	05824	81365		
Leuchars	171	21010	70014	31611	21400	09717	82614		
Dyce	091	21721	81014	32311	25400	07817	82614		
Lerwick	005	11813	74020	31311	16330	09711	81708		
Wick	075	11720	82020	29011	16530	07719	81720		
Sule Skerry	010	11619	81020	26912	15500	04728	81625		
Cape Wrath	049	10000	85020	26516	10940	51716	81360		
Stornoway	026	01711	84020	26413	00900	04815			
Benbecula	022	21617	74030	25211	25500	05719	82625		
Tiree	100	11427	66010	25211	15641	05828	81640		
Aldergrove	917	71211	50041	25311	755//	07723	83622	86630	
Malin	980	51315	56101	24312	514//	08817	85818		
Belmullet	976	21416	58101	18612	25500	09836	81720		
Birr	965	81214	58606	21711	864//	09721	87712	88636	
Dublin	969	81420	57606	23611	864//	08724	86713	88626	
Shannon	962	71316	59105	19213	754//	10730	83715	87630	
Roches Point	952	41515	56101	20314	48400	12716	83712		
Valentia	953	71419	62052	16614	726//	09727	87730		

OBSERVATIONS at 18h. 28 October 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	11312	56050	26807	10941	04505	81368		
862	11005	57020	26710	00901	07502	81070		
871	10806	56050	27208	00901	06506	81075		
797	01209	58020	28410	00900	05711			
776	11105	56050	27908	00901	04605	81075		
775	10807	50050	27610	00901	04603	81075		
772	10810	56050	27510	00901	04607	81075		
586	10908	50020	28809	00901	05711	81080		
590	11207	56020	28909	00901	05710	81080		
497	01218	60020	29412	00900	07710			
502	31428	40051	21512	10931	09715	81360	83075	
627	11105	48050	26010	15601	05602	81635		
628	11405	58050	26510	10931	05500	81363		
715	71115	45052	25312	754//	09505	87618		
707	51207	28055	24212	26431	10504	82710	85075	
827	61409	48051	24513	25402	11604	82618	85075	
817	61614	48051	23112	25432	10605	82618	83360	85075
804	81716	24601	21114	854//	13708	88617		
809	71110	28051	23113	754//	12606	87614		
894	31511	30050	25811	36300	10502	83707		
534	21209	59050	26609	15731	03709	81650		
559	10908	56050	28107	00901	05606	81075		
462	01307	58010	28309	00900	05504			
354	10708	23040	27808	00901	05709	81078		
414	11406	50040	25809	10931	05711	81359		
360	01203	61020	28108	00900	05507			
396	11120	61020	28311	10940	09718	81360		
257	01606	66010	28209	00900	06604			
262	01520	66020	27511	00900	09721			
222	11512	65020	25611	15741	04511	81650		
302	71515	59041	22912	755//	08611	83628	86656	
334	11009	56040	26410	10942	05709	81362		
318	11212	40040	25908	10940	04610	81360		
204	71319	58041	23512	755//	08610	87626		
131	81820	60022	22211	856//	07710	88645		
162	31003	66030	26208	35600	03609	83640		
135	61611	61051	23511	655//	03720	81625	83635	86645
140	60908	56041	24211	656//	03614	81645	86656	
171	01215	60050	26510	00900	08719			
091	31618	74011	26910	35400	07724	83611		
005	71715	74031	27609	762//	08617	83705	86707	
075	11615	82020	24510	15630	07722	81630		
010	11513	81020	22511	15500	07726	81625		
049	21402	85030	21111	15540	52727	81620		
026	10905	86010	20008	10930	02732	81360		
022	61520	65031	19211	4563/	05723	81630	84656	
100	81426	62216	19511	5552/	07726	85621	88460	
917	51514	50046	20311	25576	09718	82620	83362	
980	51420	57106	18411	554//	09622	82717	85650	
976	81317	56606	11312	7647/	11736	84717	85635	88458
965	81418	58606	16113	854//	10722	83716	87638	
969	81513	56106	20213	864//	10711	84711	88713	
962	71618	70605	14613	784//	11509	82712	84718	86640
952	71806	65216	17011	764//	11503	87715		
953	71810	62256	13313	724//	12114	82712	87818	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00140	084	+	+
862	00150	077	+	+
871	00140	084	+	+
797	00130		+	+
776	00141	091	+	+
775	00141	090	+	+
772	00150	090	+	+
586	00140		+	+
590	00130	085	+	+
497	00130	082	+	+
502	00121	003	+	+
627	00141	073	+	+
628	00140	070	+	+
715	00140	002	+	+
707	97141	003	d_od_o	+
827	97161	032	r_o	+
817	97151	068	+	ir_o
804	95142	016	+	ir_o
809	95152	049	+	ir_orr
894	00130	002	+	+
534	00130	087	+	+
559	00150	087	+	+
462	00140	084	+	+
354	00141	079	+	+
414	00131	073	+	+
360	00151	088	+	+
396	00130	078	+	+
257	00140	082	+	+
262	00121	082	+	+
222	00141	085	+	+
302	00140	027	+	+
334	00150	083	+	+
318	00140	080	+	+
204	00131	011	+	+
131	00120			
162	00121	080	+	+
135	00130	079	+	+
140	00130	064	+	+
171	00121	082	jf	+
091	00131	069	+	+
005	00111	082	+	+
075	00121	085	+	+
010	00120			
049	00160	080	+	+
026	97130	082	+	ir_o
022	96131	048	+	ir
100	93121	033	+	ir_o
917	92121	007	r_o	ir_o
980	9712	018		
976	9413	028		
965	9713	003		
969	9713	000		
962	0114	015		
952	0514	011		
953	0715	004		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

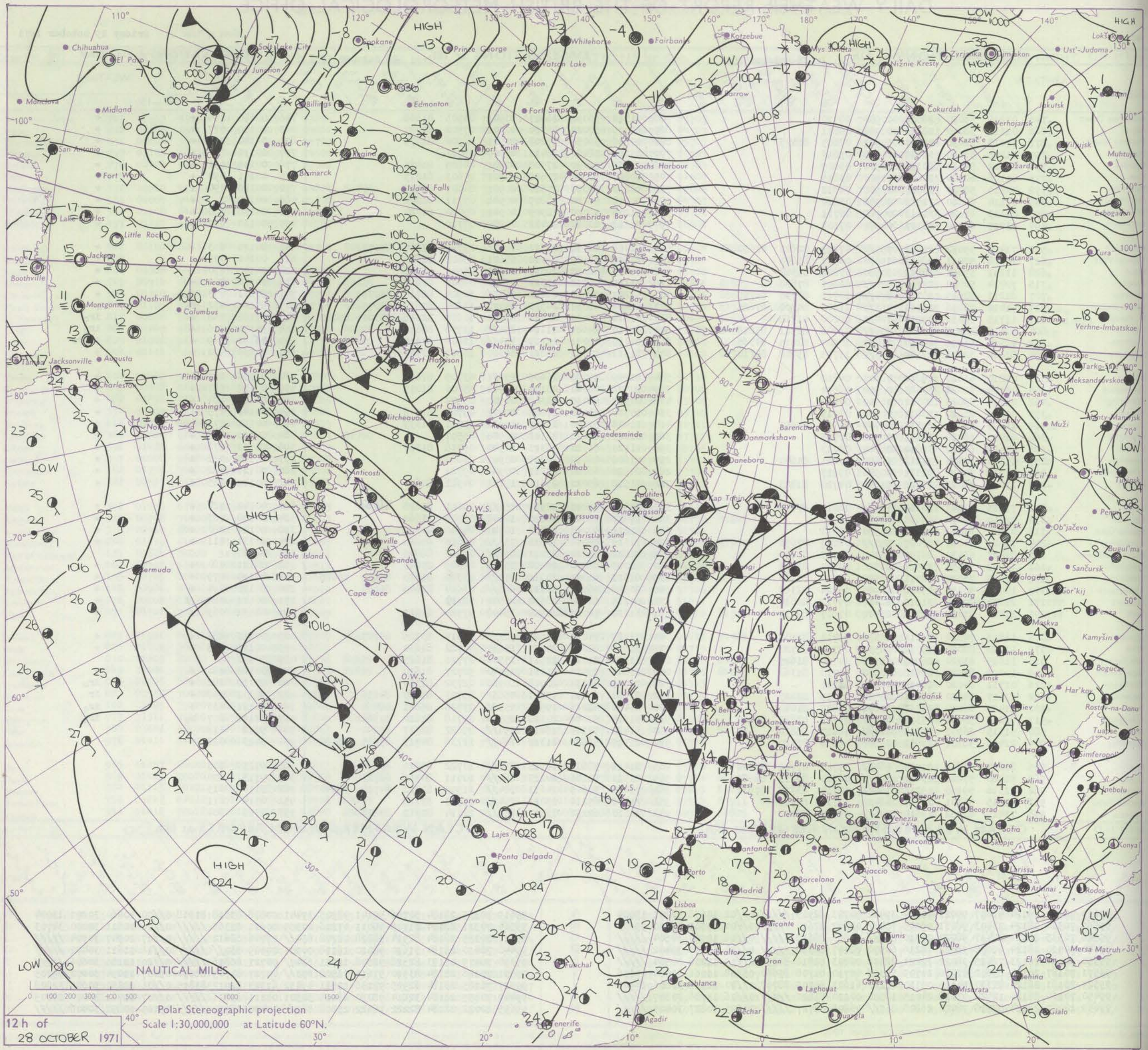
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70334	28124	41407	99021	00604	39442	00703	82915	/////	0//02	10638	30201	13004
B	99565	70510	28124	73003	98031	09005	754//	00607	87610	/////	0//04	10569	30000	99/03
C	99528	70355	28124	82417	98022	09710	854//	00803	88615	/////	0//08	10920	30504	/////
D	99440	70410	28124	61608	98022	18216	60970	00107	86360	/////	0//14	11617	30402	/////
E	99350	70480	28123	72425	98022	17221	22478	00703	82818	84358	0//19	12208	30504	/////
I	99591	70187	28124	83602	97038	11709	5532/	00710	81708	85640	05308	11061	30000	17106
J	99529	70181	28124	83330	94615	09110	872//	61603	84705	88707	0//10	11378	30606	14908
K	99450	70160	28124	12924	97018	24015	18500	00120	81820	/////	0//06	11786	30807	/////
M	99659	10021	28124	82218	96022	26808	865//	00808	88727	/////	00105	10827	30405	/////

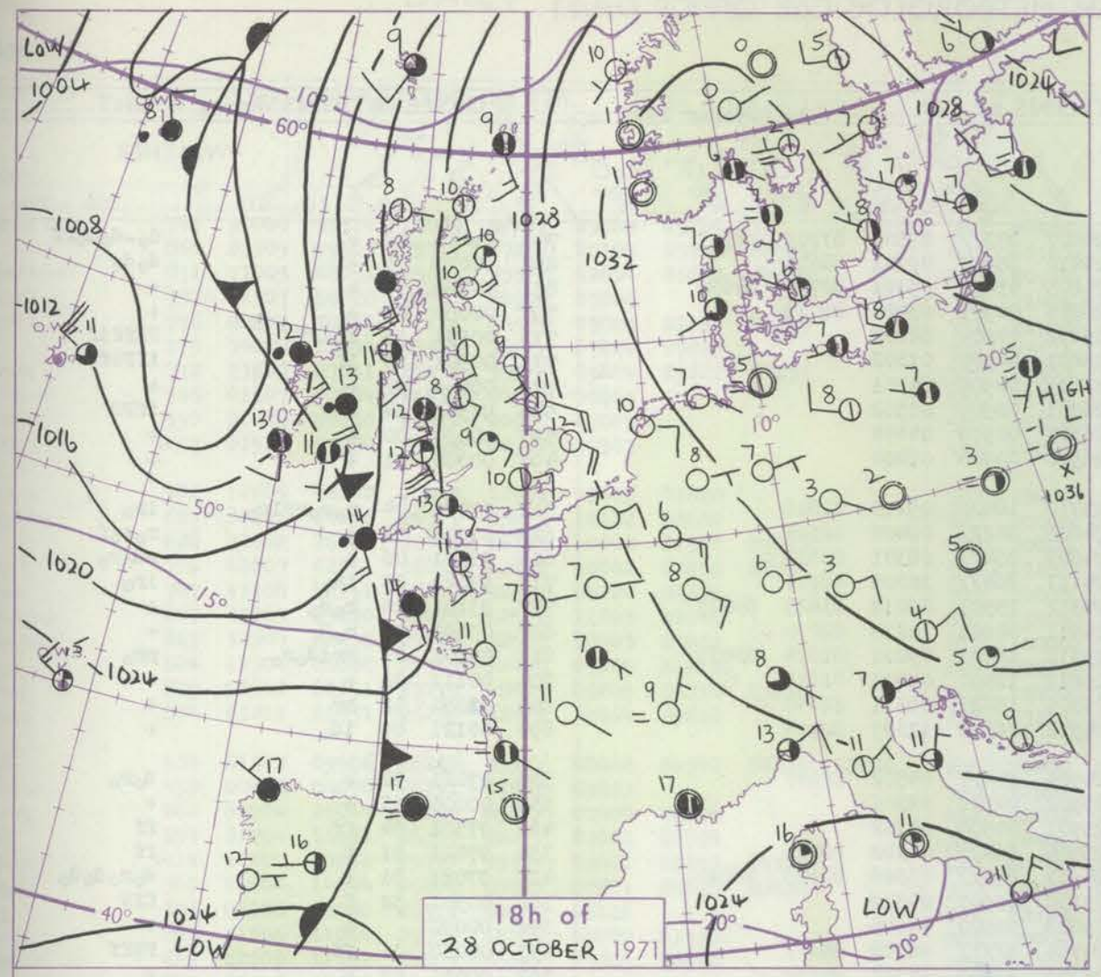
OCEAN WEATHER STATION REPORTS at 18h.

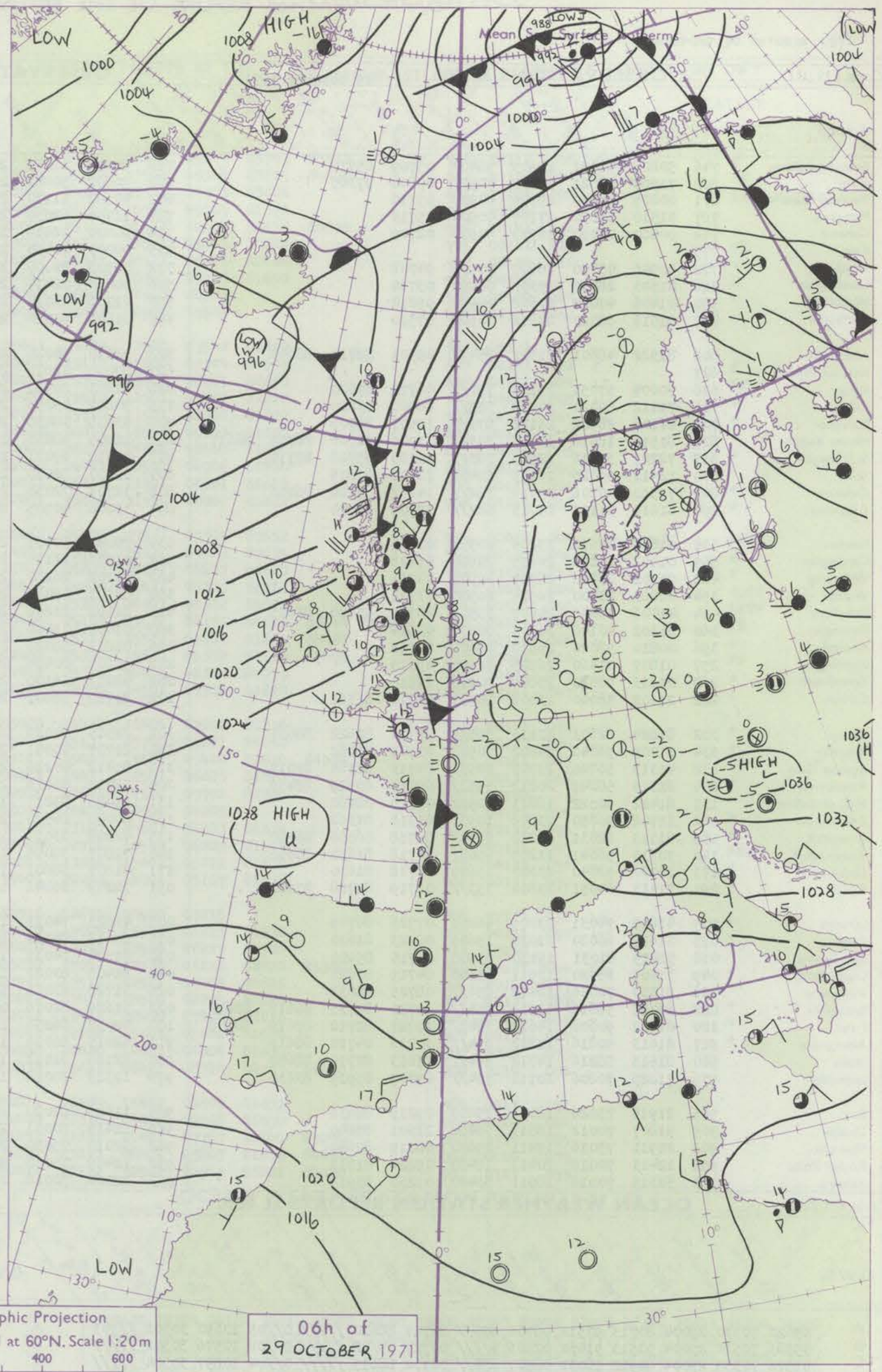
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99619	70335	28184	50706	99141	98905	39441	00808	83818	81918	0//00	10660	30201	13004
B	99564	70511	28184	21705	98011	07206	20959	00611	82365	/////	0//06	10611	30000	34703
C	99527	70355	28184	82914	98028	08708	854//	07706	88612	/////	0//07	10947	30504	/////
D	99440	70410	28184	31610	98020	16118	00901	00609	830//	/////	0//16	11611	30402	/////
E	99350	70479	28183	82528	98808	12721	6247/	00721	86816	/////	0//20	12185	30606	/////
I	99591	70186	28184	83510	97616	06508	853//	00727	84709	88630	05407	11054	30402	99/05
J	99527	70185	28184	62925	97156	12511	49432	61323	81912	83815	0//06	11350	30605	32808
K	99449	70159	28184	32814	98030	26015	32501	00311	83826	/////	0//07	11781	30000	29005
M	99655	10022	28184	82222	96022	25308	865//	00400	88730	/////	05105	10852	30406	/////

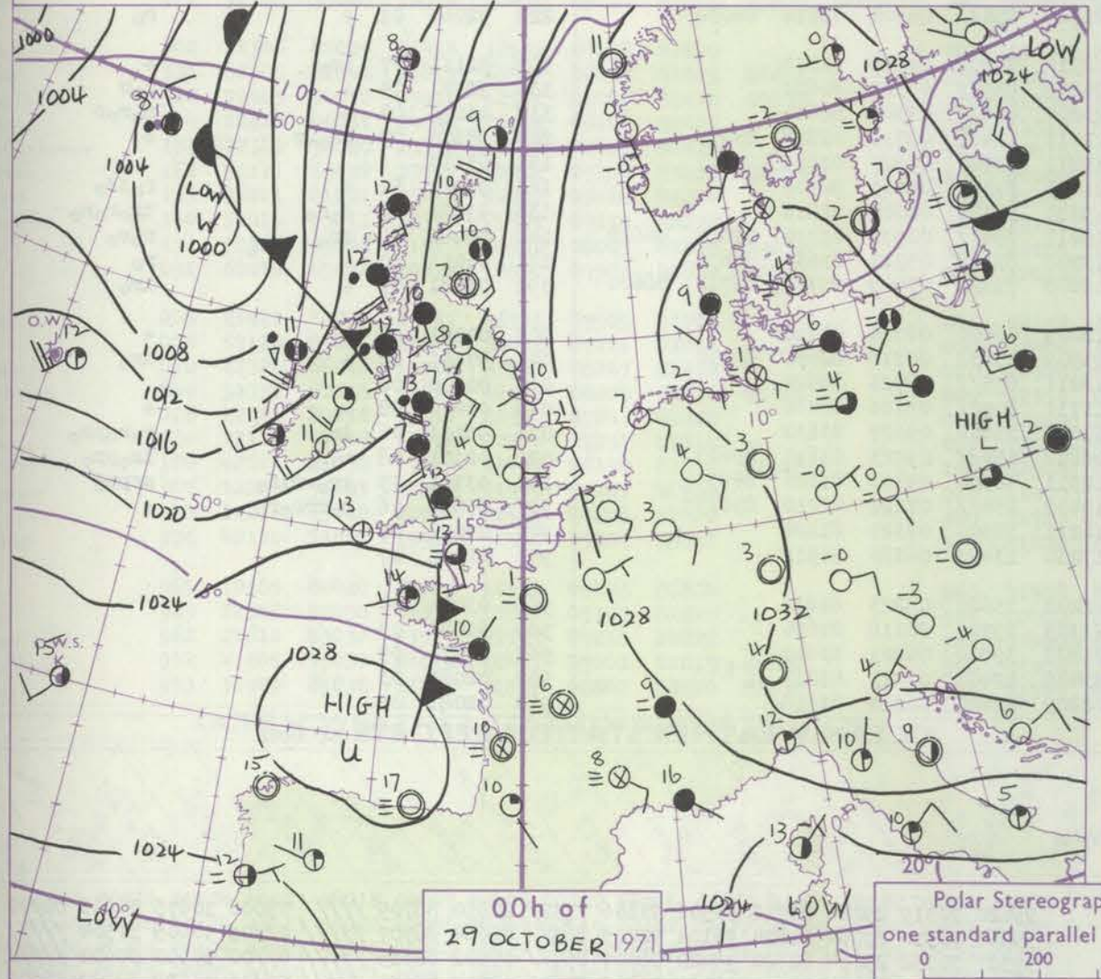
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 Friday 29 October 1971

The anticyclone over central Europe with a ridge northwestwards into the North Sea has declined as the depression west of Ireland deepened slightly and moved northwards towards Iceland. Its associated trough has moved steadily eastwards to lie north-south across the British Isles and in the next 24 hours it is expected to make further progress, especially in the northeast. The meridional flow in the eastern Atlantic during the last week is now expected to decline as a more zonal flow extends eastwards from the North American continent bringing frontal troughs into the British Isles.

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

Code FM 11.D

OBSERVATIONS at 00h. — 29 October 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	50808	48051	25605	56400	05709	85712		
Hurn	862	71505	58021	25212	7097/	09808	87365		
Thorney Island	871	00805	56050	25706	00900	05710			
Manston	797	01510	56050	27107	00900	05713			
Gatwick	776	00000	20100	26903	00900	02709			
Kew	775								
Heathrow	772	00906	45050	26607	00900	04708			
Honington	586	01503	28050	27306	00900	05710			
Wattisham	590	01406	40020	27608	00900	05810			
Gorleston	497	01516	60020	27812	00900	07710			
Aberporth	502	81522	48601	21511	854//	09501	82710	88640	
Ross-on-Wye	627								
Filton	628	70604	57051	25109	755//	06713	87620		
Rhoose	715	71112	60021	24110	755//	08708	87620		
Chivenor	707	81106	28602	23112	873//	10607	88707		
Mount Batten	827	81512	18616	23213	853//	13706	82706	86710	88617
St. Mawgan	817	72207	37216	22913	763//	13105	85706	87710	
Scilly	804	12912	69026	23413	12400	12213	81815		
Culdrose	809	72510	40106	22714	762//	14202	83704	86706	
Guernsey	894	61611	30101	24713	662//	12705	86704		
Elmdon	534	01604	40050	25804	00900	03711			
Cardington	559	01002	19100	26805	00900	05808			
Wittering	462	01202	26040	26704	00900	03711			
Watnall	354	00803	23100	26504	00900	03711			
Shawbury	414	41406	56040	24807	35502	03709	83620	83075	
Finningley	360	01302	40100	26303	00900	03814			
Kilnsea	396	00810	58020	26510	00900	09712			
Leeming	257	01807	07460	26105	00900	05715			
Tynemouth	262	01813	58020	25809	00900	07815			
Carlisle	222	21103	58040	23408	10931	04711	81362		
Valley	302	81824	62601	21113	855//	09710	82622	88634	
Ringway	334	11409	56040	24808	10941	03709	81362		
Squires Gate	318	41313	56040	23707	20931	04713	82364	83075	
Ronaldsway	204	81315	58042	20812	3552/	09715	83629	88459	
Mull of Galloway	131	81422	60022	18811	8092/	07719	88460		
Eskdalemuir	162	11702	56050	23806	10931	03716	81362		
Prestwick	135	81513	62031	20210	6577/	05718	86656	88360	
Abbotsinch	140	70710	56041	21209	6563/	04718	81630	86636	
Leuchars	171	10000	58040	23307	15600	06718	81630		
Dyce	091	71713	64051	23810	753//	08719	82708	87612	
Lerwick	005	41819	74031	23209	46200	07725	84705		
Wick	075	11615	66020	21010	15600	08723	81630		
Sule Skerry	010	51419	81031	19110	53500	07715	85920		
Cape Wrath	049	31405	85030	17511	35500	04719	83625		
Stornoway	026	81513	70036	16412	856//	08725	88632		
Benbecula	022	81425	58616	13911	854//	10730	81711	86617	88622
Tiree	100	81432	50606	14612	7542/	10727	82712	87619	88458
Aldergrove	917	81613	40616	17312	854//	10716	84710	88616	
Malin	980	81513	58216	14712	864//	11613	87714	88640	
Belmullet	976	71825	70806	10111	734//	09707	85919	83635	
Birr	965	21915	75026	18011	25600	09215	82636		
Dublin	969	51807	70012	18513	55600	11501	85640		
Shannon	962	21911	75016	17411	25600	08219	82640		
Roches Point	952	12413	70018	20411	18400	09224	81816		
Valentia	953	52315	70018	18911	53400	07230	85918		

OBSERVATIONS at 06h. — 29 October 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	80810	28502	24607	873//	07501	83709	88712	
Hurn	862	80802	50022	24410	856//	09501	88631		
Thorney Island	871	40502	11110	24805	45400	05101	82710	84635	
Manston	797	11706	62030	26506	00901	03400	81075		
Gatwick	776	00000	02414	25852	00900	52602			
Kew	775	00000	00464	25601	00900	01302			
Heathrow	772	00503	20100	25605	00900	04301			
Honington	586	00000	02414	26201	00900	01502			
Wattisham	590	01706	23110	26305	00900	04603			
Gorleston	497	01808	60020	26510	00900	06400			
Aberporth	502	12310	74026	23710	18400	09213	81818		
Ross-on-Wye	627	80000	02616	24608	8022/	08400	88504		
Filton	628	81203	20581	24609	854//	08301	88615		
Rhoose	715	80807	45056	24111	864//	10305	88711		
Chivenor	707	43009	48036	24312	15501	09212	81625	84075	
Mount Batten	827	22905	58036	24911	00901	11214	82070		
St. Mawgan	817	33010	69031	25312	18401	09211	81814	83075	
Scilly	804	13107	82010	25812	12400	08211	81818		
Culdrose	809	32703	72030	25309	15621	08311	81630		
Guernsey	894	33006	40105	24912	26332	12307	82706		
Elmdon	534	70000	30101	24904	756//	04502	87647		
Cardington	559	01503	11110	25902	00900	02301			
Wittering	462	02202	26280	25901	00900	01302			
Watnall	354	80903	09424	25504	864//	04302	88711		
Shawbury	414	81102	23206	24507	855//	06306	81625	88640	
Finningley	360	01402	01464	25100	00900	00302			
Kilnsea	396	01812	58020	25608	00900	04604			
Leeming	257	91607	00474	24704	9////	04302	89///		
Tynemouth	262	42013	16100	23305	45500	05502	84630		
Carlisle	222	81710	56601	21709	854//	06304	85718	88632	
Valley	302	22519	74026	22912	00902	09319	82075		
Ringway	334	81707	40041	24208	855//	06305	88620		
Squires Gate	318	81412	40216	23207	856//	07305	88649		
Ronaldsway	204	32213	81016	21711	11421	09319	81818	83075	
Mull of Galloway	131	11425	83011	19811	12500	00820	81825		
Eskdalemuir	162	80000	14506	21805	873//	04503	88708		
Prestwick	135	42208	63016	19310	38401	08304	82816		
Abbotsinch	140	71807	56046	19211	754//	08501	81710	83618	86622
Leuchars	171	81607	58601	19708	856//	05711	83630	88650	
Dyce	091	72209	56041	19808	753//	07509	83709	86712	86624
Lerwick	005	41823	74011	18009	46400	08726	84710		
Wick	075	61616	74030	15909	25632	07718	82630	85070	
Sule Skerry	010	81624	74031	13211	855//	08723	88620		
Cape Wrath	049	81405	83021	11711	8092/	05726	88460		
Stornoway	026	31728	63016	11012	35600	09627	83632		
Benbecula	022	51629	62016	08812	554//	09723	81617	85627	
Tiree	100	42032	66256	12911	48500	09303	81820	84635	
Aldergrove	917	62015	66016	19409	654//	07221	82710	85615	
Malin	980	32126	81011	16211	38500	07325	81820		
Belmullet	976	12319	70018	17210	13400	06230	81919		
Birr	965	11605	80020	22208	15600	05223	81636		
Dublin	969	12413	80031	21309	15700	06318	81656		
Shannon	962	32010	75030	21808	35600	06223	83640		
Roches Point	952	12409	75010	23409	12400	07213	81817		
Valentia	953	12004	70018	22209	12400	06216	81818		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91041	02	+	d_o-$d_od$off
Hurn	862	97070	05	+	d_od_o
Thorney Island	871	00040	50	+	+
Manston	797	00050	01	+	+
Gatwick	776	00531	55	ifiFFF	FFffif
Kew	775	00501	56	if	ifFFf
Heathrow	772	00040	52	+	+
Honington	586	91500	54	+	ifFF
Wattisham	590	00050	00	+	+
Gorleston	497	00080	01	+	+
Aberporth	502	01081	04	$r_or_orrir_o$	ir_o
Ross-on-Wye	627	01071	03	+	r_or_of
Filton	628	93071	06	+	rd_or_o
Rhoose	715	97080	05	ir_o	ir_o
Chivenor	707	93101	06	r_or_o	+
Mount Batten	827	03091	04	r_oR	+
St. Mawgan	817	02101	07	$rrid_or_o$	pr_o
Scilly	804	00111	08	+	+
Culdrose	809	02081	02	rr	+
Guernsey	894	00121	09	id_o	+
Elmdon	534	97021	52	+	d_or_o
Cardington	559	00000	53	+	+
Wittering	462	97501	54	ff	ff
Watnall	354	97021	51	f	ff
Shawbury	414	97021	51	+	$d_or_od_od_o$
Finningley	360	00501	52	f	fff
Kilnsea	396	00050		+	+
Leeming	257	00030	01	ff	Ffff
Tynemouth	262	00051	02	+	+
Carlisle	222	92061	01	+	r_o
Valley	302	92111	07	ir_o	+
Ringway	334	92071	04	+	r_or
Squires Gate	318	01071	04	+	r_or_or
Ronaldsway	204	95101	07	ir_o-r	+
Mull of Galloway	131	03110			
Eskdalemuir	162	95041	51	+	r_oid_o
Prestwick	135	93091	07	d_or_o	$ir_or_or_o$
Abbotsinch	140	94081	06	ir_o	r_or_o
Leuchars	171	91051	50	+	r_o
Dyce	091	97081	07	+	ir_o
Lerwick	005	00091	07	+	+
Wick	075	97091	08	+	ir_o
Sule Skerry	010	00100	08		
Cape Wrath	049	00070	08	+	+
Stornoway	026	96111	06	ir_o	$r_or_opr_o$
Benbecula	022	02101	08	r_or_o	ir_opr_o
Tiree	100	03101	09	ir_orrir_o	$prpr_o$
Aldergrove	917	03081	06	$r_orrr_or_o$	+
Malin	980	02091	07		
Belmullet	976	02091	07		
Birr	965	03071	04		
Dublin	969	91081	05		
Shannon	962	97071	05		
Roches Point	952	02081	03		
Valentia	953	02081	05		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70330	29004	80713	97512	96706	855//	22717	88620	/////	0//05	10690	30502	//903
B	99565	70510	29004	91513	91452	02905	9////	00727	89/02	/////	0//06	10576	30302	/////
C	99526	70353	29004	82912	98032	08907	854//	00102	88615	/////	0//04	10897	30504	/////
D	99440	70410	29004	01204	98020	17316	00900	00303	/////	/////	0//16	11601	30603	/////
E	99350	70476	29003	52714	98028	12321	38478	00802	82818	/////	0//18	12170	30505	/////
I	99591	70186	29004	83410	97616	03307	6732/	00720	83708	85711	05606	11068	30503	99/04
J	99526	70189	29004	32425	98011	13211	11502	61808	81825	83075	0//06	11296	30505	27807
K	99450	70160	29004	42312	97030	26315	48500	00802	81826	84650	0//09	11783	30000	29004
M	99651	10025	29004	01816	97015	21908	00900	00721	/////	/////	00007	10824	30304	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70319	29064	80718	96506	93106	7732/	22810	88709	/////	05006	10675	30603	00/00
B	99565	70510	29064	81824	96104	92005	863//	00664	88707	/////	0//05	10605	30504	/////
C	99527	70352	29064	82820	98022	08007	854//	00602	88615	/////	0//00	10902	30604	/////
D	99440	70410	29064	30000	98030	16415	35500	00704	83630	/////	0//15	11628	30000	18603
E	99354	70484	29063	62814	98258	09020	32471	00720	83816	/////	0//18	12121	30505	/////
I	99591	70186	29064	63009	97216	00508	653//	00616	85708	86625	05407	11066	30303	99/04
J	99526	70195	29064	62124	98031	09512	61500	61720	86825	/////	0//10	11308	30505	32808
K	99450	70158	29064	01914	97020	25215	00900	00709	/////	/////	0//08	11771	30000	29003
M	99646	10029	29064	11923	98020	17509	10880	00713	81357	/////	00206	10866	30405	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40154

Date of Issue Saturday 30 October 1971

Code FM 11.D — OBSERVATIONS at 12h. — 29 October 1971

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$
Boscombe Down	746	90000	05514	26009	9////	09003	89/00		
Hurn	862	83505	09505	25711	872//	10105	85703	88705	
Thorney Island	871	71005	48051	25314	755//	12804	86622	87650	
Manston	797	01307	59020	26712	00900	07806			
Gatwick	776	60803	38054	26111	55539	09804	82627	84645	
Kew	775	70000	18054	25912	755//	07804	87623		
Heathrow	772	73602	27051	25913	755//	09804	85622	84635	
Honington	586	01507	50024	26512	00900	06805			
Wattisham	590	01408	50050	26612	00900	07805			
Gorleston	497	01512	57050	26811	00900	07303			
Aberporth	502	12605	82020	25913	12532	09605	81820		
Ross-on-Wye	627	82201	24056	25711	856//	10102	88630		
Filton	628	73602	26286	26312	16331	10002	81707	87357	
Rhoose	715	42807	62051	26015	12402	10002	81818	83075	
Chivenor	707	43108	82151	26214	42500	08000	84820		
Mount Batten	827	23203	83020	26415	12502	11803	81820		
St. Mawgan	817	32907	82038	27014	32500	08003	83820		
Scilly	804	12704	81020	27715	12400	09205	81818		
Culdrose	809	52802	80151	27113	48401	09205	83818	83628	
Guernsey	894	63211	81031	26215	524/2	10004	85818		
Elmdon	534	81302	09506	26208	851//	08002	81702	84625	88650
Cardington	559	00402	40050	26211	00900	09803			
Wittering	462	82704	26044	26109	854//	07000	88614		
Watnall	354	82204	16504	26307	862//	07002	88704		
Shawbury	414	50000	50042	25712	35731	09002	83650	84357	
Finningley	360	81804	14044	25809	855//	07801	85620	88630	
Kilnsea	396	02108	28020	26911	00900	08106			
Leeming	257	11606	11044	25707	15230	05000	81704		
Tynemouth	262	62009	12052	24909	656//	07205	86640		
Carlisle	222	72308	75028	24312	48432	09107	81715	83820	86075
Valley	302	22306	82020	25414	12502	07108	81820		
Ringway	334	62103	22046	25811	655//	08003	81625	86656	
Squires Gate	318	72505	30042	25513	12502	09008	81820	87075	
Ronaldsway	204	22310	86031	24712	22502	08107	82822		
Mull of Galloway	131	22312	74020	23313	22500	08210	82825		
Eskdalemuir	162	72111	69032	23712	32502	07109	83822	86073	
Prestwick	135	22211	81021	23012	22502	06112	82824		
Abbotsinch	140	32014	75011	22313	28501	07110	82822		
Leuchars	171	72316	59046	21812	18502	08005	81820	87072	
Dyce	091	62018	65022	20312	12502	07303	81822	86070	
Lerwick	005	21921	40051	15411	16301	09505	81707		
Wick	075	52120	86016	17013	38432	07216	81818	83628	
Sule Skerry	010	22324	66018	13712	23500	08217	82920		
Cape Wrath	049	52332	82018	12610	42560	08209	84820	85360	
Stornoway	026	22121	80018	15211	22500	07243	82828		
Benbecula	022	22119	74018	16512	22400	07231	82818		
Tiree	100	42121	82038	19013	43400	06120	81712	81918	
Aldergrove	917	12109	75021	22812	11400	07207	81816		
Malin	980	12118	83018	20512	11501	07208	81820		
Belmullet	976	42120	83028	19913	32540	07204	83820		
Birr	965	12209	80020	24013	12502	05103	81824		
Dublin	969	22308	82030	24313	12502	05107	81823		
Shannon	962	21810	83030	23513	22502	07210	81828		
Roches Point	952	41905	75030	24813	18401	07001	81817	84070	
Valentia	953	31909	85038	23114	22502	08802	82820	83070	

OBSERVATIONS at 18h. — 29 October 1971

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$
746	70405	18105	25310	752//	09303	83703	87632	
862	43503	12126	25210	35501	09304	83625	84075	
871	80904	28606	24912	855//	12303	88624		
797	11405	56050	26107	10930	05102	81360		
776	81702	22051	25311	854//	10302	83616	88620	
775	73501	13052	25211	755//	09303	87622		
772	83303	16042	25311	855//	09301	88620		
586	11702	40050	25907	15700	05303	81650		
590	01806	40050	26008	00900	06303			
497	01806	56050	25611	00900	07602			
502	10000	74011	25009	12500	07502	81820		
627	40000	48051	25110	45600	09304	84635		
628	20000	48051	25709	25701	08201	82650		
715	12806	66021	25510	12501	07302	81820		
707	10000	80111	25710	11501	08301	81822		
827	13405	66010	26012	15600	09303	81630		
817	10000	70020	26210	15608	08500	81645		
804	32102	81020	26011	28502	08706	81820		
809	10000	80011	26211	11401	08501	81818		
894	33105	82021	25810	31500	09001	83822		
534	70000	06466	25409	756//	09301	87632		
559	72902	14101	25709	756//	09303	87635		
462	62602	16041	25609	656//	08303	86640		
354	82405	04465	25608	864//	08303	88713		
414	50000	48041	25307	00901	05302	85075		
360	80000	07464	25109	855//	08101	84626	86644	88657
396	82103	48021	25211	3557/	09501	83625	88460	
257	30000	02464	25306	15631	05302	81635	83075	
262	42305	24052	24710	40930	08304	84359		
222	21903	66021	24309	14501	07306	81828		
302	12111	83020	24411	11401	07602	81818		
334	41602	25041	25111	45700	09201	84650		
318	41302	57111	25007	15601	07400	81630	84075	
204	11910	86031	24011	12501	06603	81828		
131	12018	84020	22611	11500	07702	81825		
162	00000	69011	24805	00900	04208			
135	21405	70020	23107	24601	05203	81830		
140	22104	58040	22708	12542	06203	81825		
171	13105	64011	23306	15602	05212	81630		
091	22012	75021	22209	14501	05107	81628		
005	02112	69016	18610	00900	07218			
075	12406	62048	19709	15642	06213	81630		
010	22324	66018	17012	23500	08217	82920		
049	52319	83032	17011	32530	06222	83820	85360	
026	42020	80011	17512	425//	07208	84826		
022	12015	80011	17411	18500	08204	81820		
100	21918	82011	19411	22400	07400	82816		
917	11407	75010	22508	15501	05602	81620		
980	21723	84030	20010	14601	06806	81630		
976	61820	82038	17612	664//	08714	84717	84638	
965	31508	82011	22409	15602	04805	81633		
969	12002	62040	23310	00902	04706	81070		
962	31510	86031	21311	15602	07707	81640	83070	
952	41911	75021	23112	48401	09807	81817	84634	
953	51707	80011	20112	32502	10715	83821	84070	

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	92111	000	d_od_off	f
862	91130	000	$d_of d_or_o$	ff
871	97141	000	ir_o	$id_or_or_or_oir_o$
797	97120		+	
776	00141	014	+	+
775	00141	019	+	ff
772	00130	010	+	+
586	00130		+	+
590	00130	084	+	+
497	00130	060	+	+
502	00131	061	+	+
627	00141	022	f	f
628	00141	021	if	if
715	00150	060	+	+
707	00151	069	jp	+
827	00161	072	+	+
817	00151	086	+	+
804	00170	089	+	+
809	00150	083	+	+
894	00150	063	+	+
534	91091	000	$d_od_od_or_off$	ffFF
559	00130	046	+	+
462	97120	013	+	f
354	91091	000	d_off	d_off
414	00151	050	+	iffF
360	00101	000	+	ff
396	00110	060	+	+
257	97091	010	ff	FF
262	00121	017	+	+
222	97141	047	pr_o	+
302	00151	079	+	+
334	00121	004	+	+
318	00141	043	+	iff
204	00131	068	+	+
131	00140			
162	00131	044	+	+
135	00131	074	+	+
140	97131	067	+	pr_o
171	00133	050	+	+
091	00131	072	+	+
005	97121	030	ir_o	+
075	00151	050	+	+
010	97130			
049	93121	044	pr_o	+
026	00131	047	+	+
022	00131	038	+	+
100	00131	056	+	+
917	00131	087	+	+
980	9213	073		
976	9114	070		
965	0013	081		
969	0014	084		
962	9714	085		
952	0014	079		
953	9713	073		

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

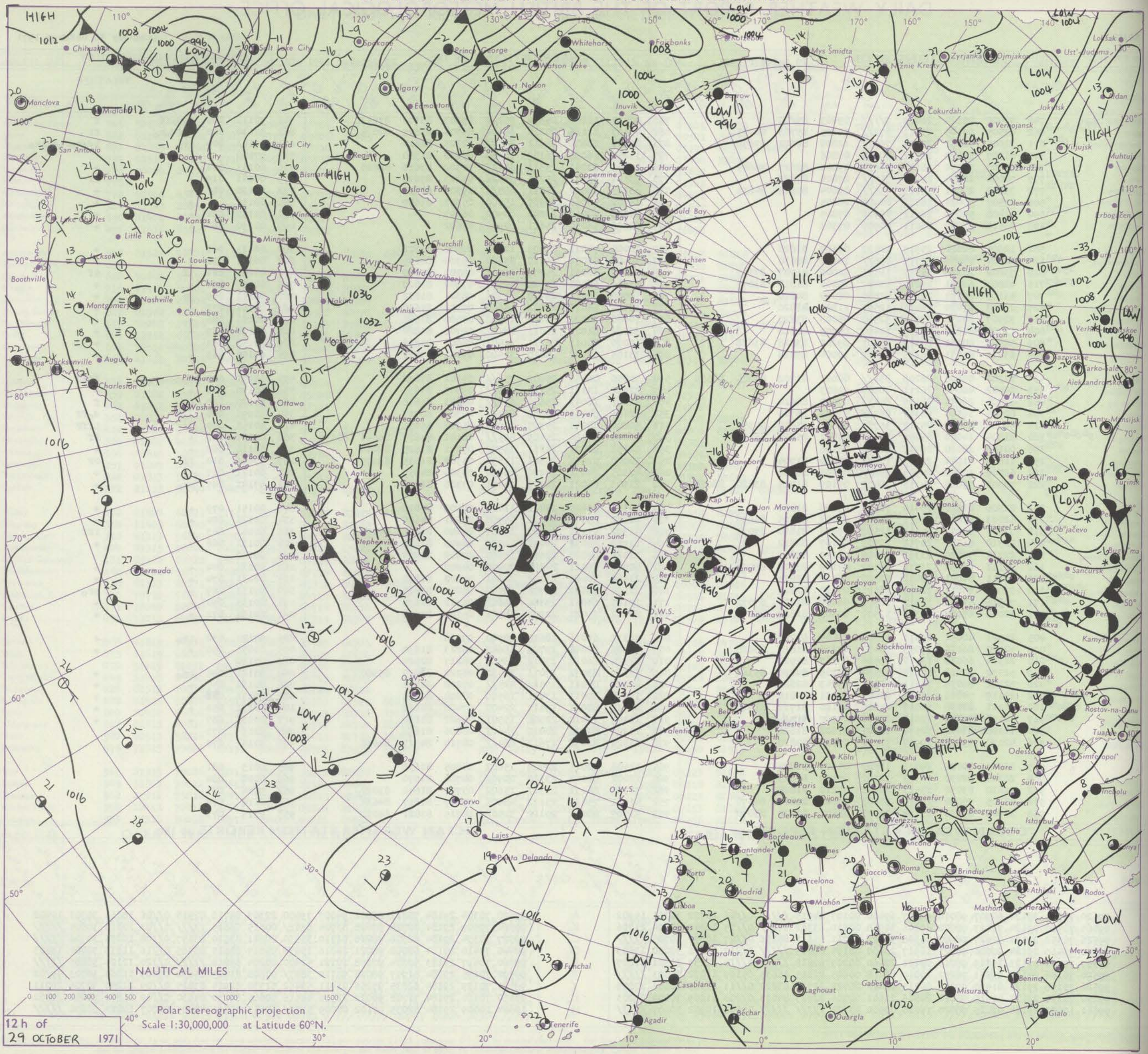
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70311	29124	60907	98018	94007	69400	00107	84915	/////	0//06	10722	30301	15902
B	99565	70510	29124	72423	98022	87706	30958	00610	83362	842//	0//05	10642	30504	21706
C	99526	70352	29124	82927	98602	06308	5542/	00712	85612	88256	0//07	10897	30705	/////
D	99440	70410	29124	20000	98021	16917	28400	00105	81815	/////	0//17	11636	30000	17603
E	99357	70490	29123	33309	98018	09421	22460	00209	82818	/////	0//18	12133	30301	31807
I	99590	70186	29124	71811	98252	00010	58468	00605	82815	85635	05109	11072	30603	/////
J	99526	70196	29124	81930	97018	05213	5842/	00828	82710	83820	0//11	11283	30606	23809
K	99450	70160	29124	51615	98011	24816	21501	00706	82823	84073	0//08	11809	30000	29203
M	99641	10032	29124	02025	98020	15010	00900	43722	/////	/////	00206	10902	30407	/////

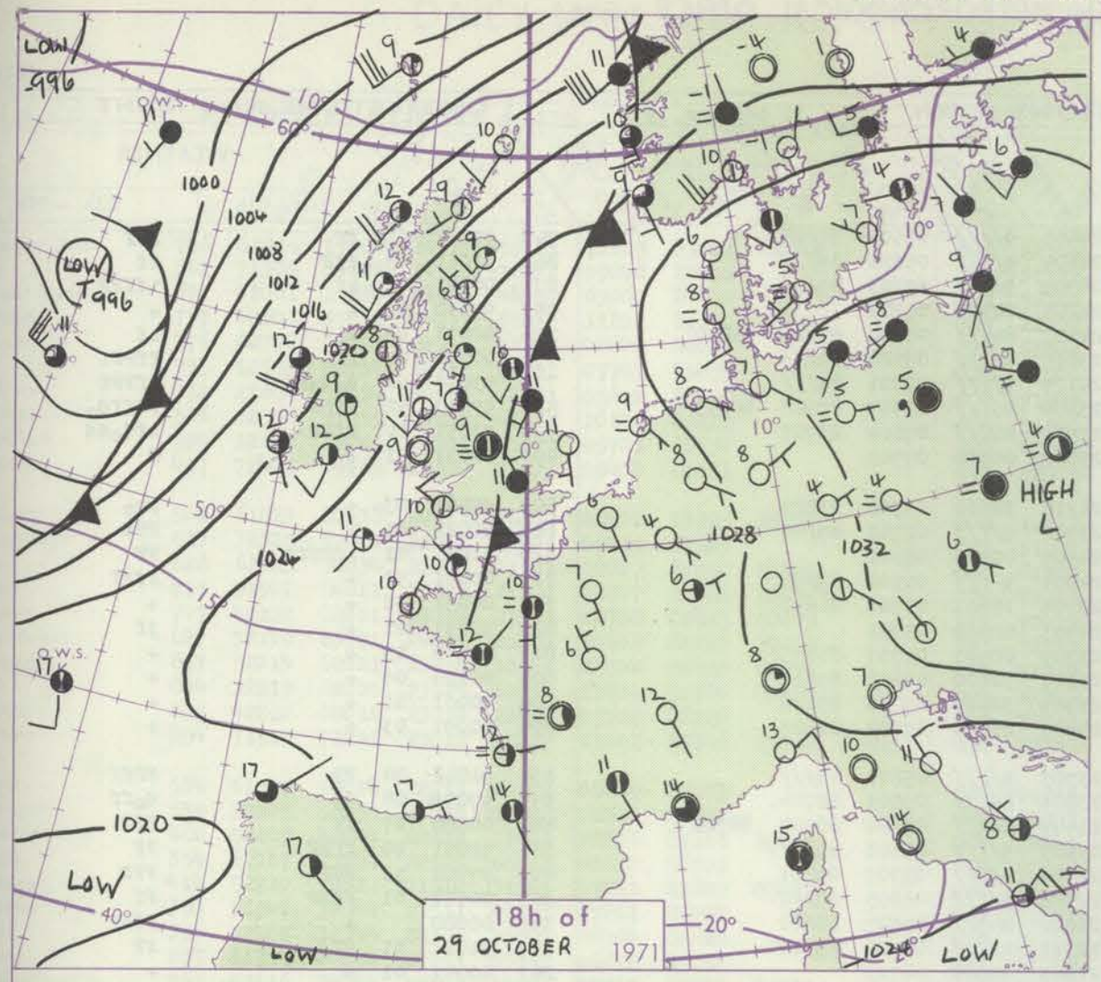
OCEAN WEATHER STATION REPORTS at 18h.

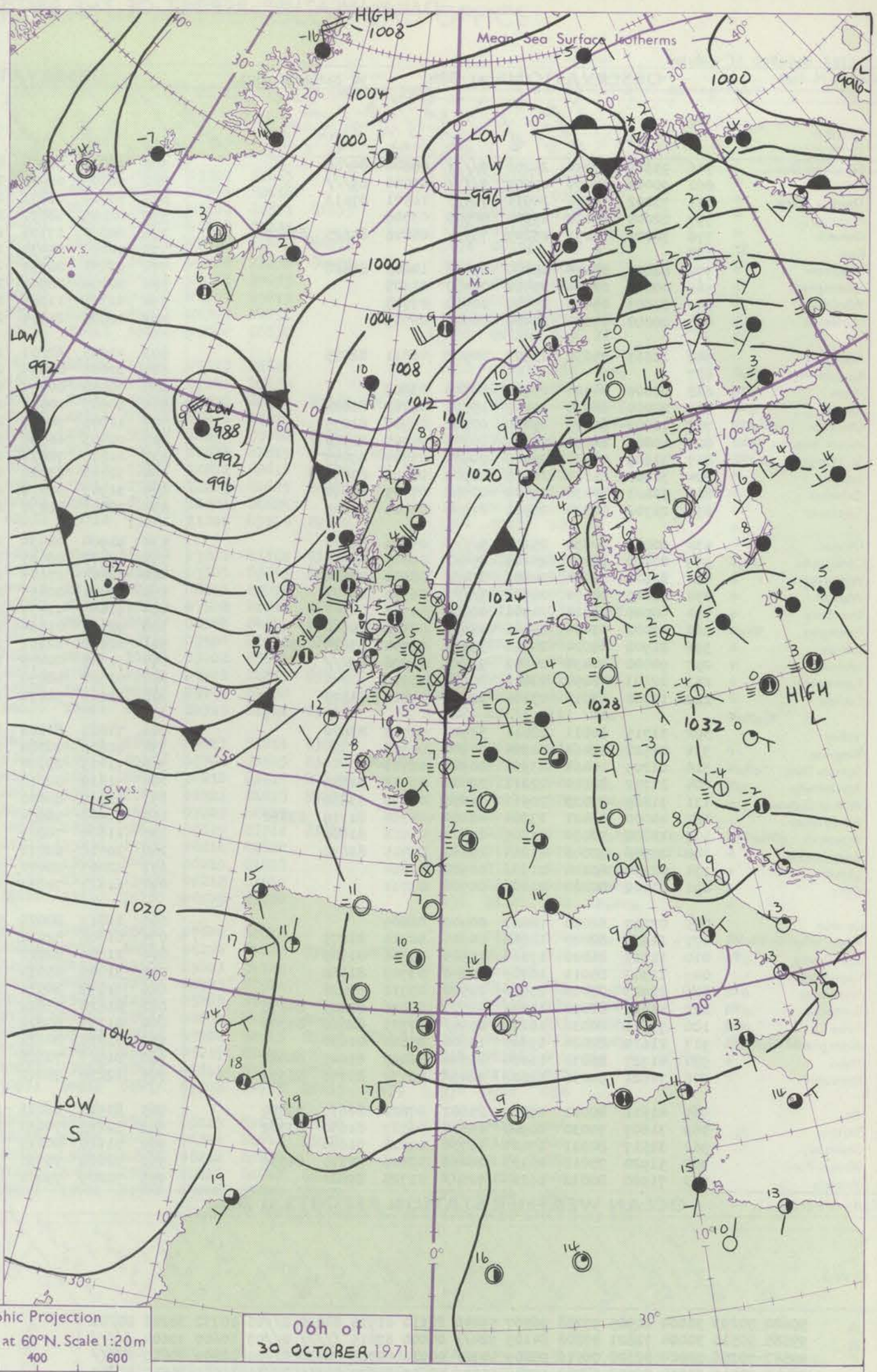
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70304	29184	70812	97802	94007	79400	22303	84710	82915	0//06	10611	30301	15902
B	99564	70509	29184	82728	97618	83904	6542/	00615	86615	/////	0//03	10610	30605	/////
C	99527	70354	29184	62306	98216	01710	35530	00611	83610	83657	0//08	10891	30706	/////
D	99440	70410	29184	60000	98021	14016	15478	00617	81615	85365	0//16	11633	30000	17603
E	99360	70497	29183	50324	97158	10121	52400	00204	85818	/////	0//20	12125	30805	/////
I	99592	70185	29184	81907	98028	98110	3847/	00808	81815	83630	05009	11065	30703	99/02
J	99525	70199	29184	62835	97258	01911	59462	61330	82914	83815	0//09	11280	30706	26011
K	99450	70160	29184	71708	98022	22516	44516	00605	84630	84630	0//09	11808	30000	27402
M	19644	10009	29184	82035	97102	07009	5742/	62643	85715	88445	00207	10813	30608	/////

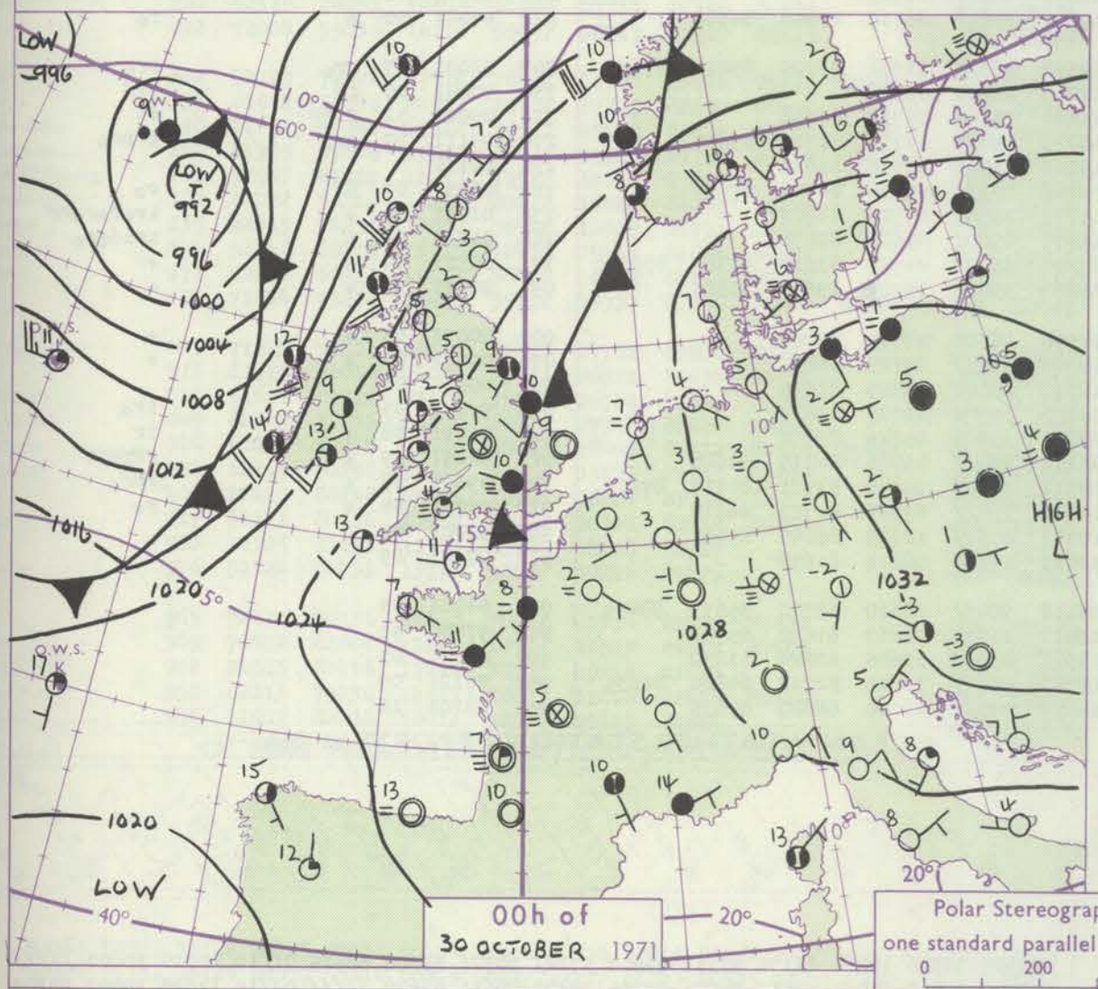
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 Saturday 30 October 1971

The anticyclone over central Europe has remained almost stationary with a ridge of high pressure extending southwest across Biscay to the Azores. The depression which yesterday was near southeast Iceland moved northeast and the associated trough over the British Isles moved steadily east in the north but has remained weak and slow-moving over southern England. Another small depression is moving northeast towards Iceland and the associated trough which is now over Ireland will, during the next 24 hours move east clearing most of the British Isles but remaining slow-moving in the south.

Code FM 11.D **OBSERVATIONS at 00h.** 30 October 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	93305	02454	25208	9////	08804	89/00		
Hurn	862	90000	02474	25509	9////	09000	89///		
Thorney Island	871	73002	37056	24911	754//	10501	87613		
Manston	797	02005	60020	25604	00900	03706			
Gatwick	776	70702	18052	25209	755//	08806	84625	87647	
Kew	775								
Heathrow	772	82801	08415	25010	854//	10805	88618		
Honington	586	00000	02414	25402	00900	01705			
Wattisham	590	01803	09460	25407	00900	07708			
Gorleston	497	00000	57050	25409	00900	06715			
Aberporth	502	21613	74030	23907	00902	06811	82075		
Ross-on-Wye	627								
Filton	628	00000	04424	25704	00900	03803			
Rhoose	715	20000	66030	25407	15501	06703	81620		
Chivenor	707	11007	66020	25205	00901	04707	81075		
Mount Batten	827	10803	62020	25605	10930	05807	81362		
St. Mawgan	817	31609	78030	25508	00901	07707	83075		
Scilly	804	32008	81010	24813	00902	08708	83075		
Culdrose	809	31803	80030	25609	00902	07705	83070		
Guernsey	894	22702	82020	25911	21500	07804	82820		
Elmdon	534	90000	00434	25205	9////	05804	89///		
Cardington	559	80000	17105	25209	854//	09805	88615		
Wittering	462	82602	09424	24809	854//	08606	88614		
Watnall	354	90000	00474	24906	9////	06706	89///		
Shawbury	414	00000	01424	24901	00900	50708			
Finningley	360	42002	03464	24408	456//	08508	84640		
Kilnsea	396	81908	48024	24710	3557/	09704	83625	88460	
Leeming	257	90000	00434	24703	9////	03706	89///		
Tynemouth	262	02303	48050	23806	00900	05706			
Carlisle	222	11708	62010	23105	12500	04811	81820		
Valley	302	31715	80011	22811	35500	09712	83622		
Ringway	334	01502	01464	24705	00900	04706			
Squires Gate	318	01205	00464	23902	00900	02711			
Ronaldsway	204	21712	86010	22211	22500	09713	82822		
Mull of Galloway	131	31825	83020	20511	32600	06720	83830		
Eskdalemuir	162	40000	06421	23204	48400	04714	81710	83822	
Prestwick	135	11602	72030	21305	15500	05716	81628		
Abbotsinch	140	20506	50048	21205	25600	03715	82630		
Leuchars	171	02307	60100	21902	00900	01814			
Dyce	091	01102	80020	21403	00900	03711			
Lerwick	005	02107	82020	18807	00900	06809			
Wick	075	11910	82020	18808	00901	06714	81075		
Sule Skerry	010	11613	81020	17111	15500	07706	81625		
Cape Wrath	049	12303	85011	16709	10940	03703	81360		
Stornoway	026	21923	75010	15910	28500	07712	81826		
Benbecula	022	41616	81030	14411	48500	07826	81825	84630	
Tiree	100	71626	80031	16111	2555/	07721	82620	87360	
Aldergrove	917	21610	82020	19907	15602	05818	81630		
Malin	980	41727	85031	16110	25640	06827	81645	84460	
Belmullet	976	71621	80036	12612	5643/	09732	85716	86359	
Birr	965	41611	80021	19009	25602	07822	82637	83070	
Dublin	969	31607	70030	20908	15630	06717	81630	83362	
Shannon	962	31517	80011	17411	15730	09728	81650		
Roches Point	952	51920	75011	20113	28432	12816	82710	84359	
Valentia	953	71920	80032	16214	725//	11725	87821		

OBSERVATIONS at 06h. 30 October 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	90000	00454	24405	9////	05500	89/00		
Hurn	862	90000	02474	24605	9////	05601	89///		
Thorney Island	871	93006	01472	24309	9////	09303	89///		
Manston	797	02005	58020	24205	00900	05702			
Gatwick	776	80000	17104	24007	854//	07500	85616	88640	
Kew	775	90000	04434	23809	9////	09500	89///		
Heathrow	772	92101	00454	24109	9////	09301	89///		
Honington	586	80000	08504	23804	851//	03607	87702	88613	
Wattisham	590	82302	11284	23907	862//	07604	88703		
Gorleston	497	02006	24404	23808	00900	07703			
Aberporth	502	31615	62801	21210	32500	09708	83825		
Ross-on-Wye	627	92001	00454	23702	9////	02703	89/00		
Filton	628	00000	00444	24505	00900	05801			
Rhoose	715	90807	00474	24005	9////	05504	89/01		
Chivenor	707	11006	74020	23704	15601	03704	81630		
Mount Batten	827	00903	66030	24503	00900	03701			
St. Mawgan	817	11810	78020	23709	00901	07707	81075		
Scilly	804	32109	83020	23112	32400	08606	83818		
Culdrose	809	31907	80020	23909	32400	07708	83818		
Guernsey	894	22007	82030	24910	21500	07802	82825		
Elmdon	534	91904	02434	23705	9////	05803	89///		
Cardington	559	82505	06465	23809	862//	09501	88704		
Wittering	462	82604	17104	23409	862//	08500	86704	88706	
Watnall	354	92404	00455	23505	9////	05603	89///		
Shawbury	414	91603	01434	22704	9////	03707	89/01		
Finningley	360	92106	01434	22706	9////	06805	89/01		
Kilnsea	396	82610	12102	23010	855//	09607	88621		
Leeming	257	91906	00455	22302	9////	02708	89/00		
Tynemouth	262	02310	48050	21004	00900	04713			
Carlisle	222	61610	58031	19107	3565/	06719	83640	84360	
Valley	302	71823	62808	19312	783//	11611	83709	85814	87628
Ringway	334	01606	20284	22205	00900	05808			
Squires Gate	318	71413	28104	21005	757//	05710	87656		
Ronaldsway	204	51819	82018	18013	48402	10719	81710	83816	
Mull of Galloway	131	11932	84020	15112	12500	09728	81825		
Eskdalemuir	162	71606	58054	18806	783//	05818	84708	87635	
Prestwick	135	11609	78021	15709	18502	07729	81822		
Abbotsinch	140	30506	62011	15905	25602	04625	82630		
Leuchars	171	62407	66021	17304	35532	04723	83620	83362	85075
Dyce	091	61921	74031	16407	35430	05726	83615	85360	
Lerwick	005	11817	80020	14508	16300	07725	81706		
Wick	075	61708	82031	13309	656//	05727	86634		
Sule Skerry	010	21809	82020	12310	25500	06723	82625		
Cape Wrath	049	31405	85030	10108	35500	02735	83625		
Stornoway	026	31732	80011	08211	35700	05746	83650		
Benbecula	022	81628	59621	06111	854//	09746	84715	88618	
Tiree	100	81733	60621	08511	7542/	10740	83711	85713	87615
Aldergrove	917	71818	80211	14011	754//	09729	84713	86635	
Malin	980	81927	70586	10411	6567/	10620	86645	85460	
Belmullet	976	12218	78018	10011	15600	08611	81638		
Birr	965	81916	66026	25112	6647/	08610	83716	85633	88459
Dublin	969	52213	70031	16412	15630	08817	81630	85362	
Shannon	962	51910	80215	14511	4553/	10606	82620	83630	
Roches Point	952	72028	75031	16713	7547/	11614	82712	84624	86635
Valentia	953	72209	75808	14312	725//	11705	86820	87635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91031	03	ff	FFf
Hurn	862	91051	03	fFF	ff
Thorney Island	871	00071	07	1f	1ffFF
Manston	797	97040	52	+	+
Gatwick	776	00071	03	+	1f
Kew	775	00091	07	ff	ffFFf
Heathrow	772	93091	08	$d_od_o$if	1fFFf
Honington	586	97010	52	1fFF	FFffd_o
Wattisham	590	93051	50	fFFF	1f$d_o$dd
Gorleston	497	00031	51	+	f
Aberporth	502	97051	03	+	pr$_o$
Ross-on-Wye	627	92021	01	f	FFf
Filton	628	91031	01	1fFFFf	FF
Rhoose	715	00031	51	+	1fFf
Chivenor	707	00031	02	+	+
Mount Batten	827	97031	01	+	jf
St. Mawgan	817	00070	03	+	+
Scilly	804	00110	06	+	+
Culdrose	809	00061	01	+	+
Guernsey	894	00091	03	+	+
Elmdon	534	91041	04	FF	FFff
Cardington	559	97090	08	d_o	$d_o$ff
Wittering	462	00080	07	ff	fFF
Watnall	354	91051	00	ffFF	FF
Shawbury	414	97501	53	FFF	FFf
Finningley	360	00041	01	ffFF	Ff
Kilnsea	396	00080		+	ffFF
Leeming	257	91011	01	FFd_o	FF
Tynemouth	262	00041	01	+	+
Carlisle	222	97041	50	+	r$_o$
Valley	302	02091	07	pr$_o$	pr$_o$
Ringway	334	00041	00	fF	FFf
Squires Gate	318	00021	52	ffFF	ff
Ronaldsway	204	95111	07	pr$_o$	prpr$_o$
Mull of Galloway	131	00110			
Eskdalemuir	162	91031	02	ff	r$_o$
Prestwick	135	01031	01	+	ir$_o$r$_o$r$_o$rr
Abbotsinch	140	01021	52	+	irid$_o$r$_o$
Leuchars	171	00511	54	+	+
Dyce	091	00021	53	+	+
Lerwick	005	00071	03	+	+
Wick	075	00071	03	+	+
Sule Skerry	010	00091	06		
Cape Wrath	049	97071	05	+	ir$_o$
Stornoway	026	01091	08	+	ir
Benbecula	022	08081	07	+	rRpRpr
Tiree	100	05091	08	+	rRr$_o$
Aldergrove	917	95061	04	+	r$_o$
Malin	980	93081	05		
Belmullet	976	07101	09		
Birr	965	01081	05		
Dublin	969	97080	50		
Shannon	962	01091	07		
Roches Point	952	97121	09		
Valentia	953	08101	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A	99620	70293	30004	60905	97258	96507	59440	22110	81915	84820	0//06	10732	30201	00/00
B	99565	70510	30004	72821	97808	84103	724//	00000	87815	/////	0//03	10609	30604	/////
C	99527	70356	30004	82328	96516	98609	4732/	00716	84708	88530	0//09	10899	30807	/////
D	99440	70410	30004	82002	98022	12716	5557/	00609	85620	88365	0//15	11665	30301	99/03
E	99360	70500	30003	50421	98028	12921	52400	00206	85818	/////	0//19	12122	30705	/////
I	99592	70185	30004	83509	96636	92308	873//	00842	88707	/////	05408	11067	30303	99/03
J	99524	70158	30004	22725	98018	08510	21500	00225	82820	/////	0//04	11287	30605	26009
K	99450	70160	30004	31807	97020	22316	35500	00802	81630	83650	0//08	11766	30000	27402
M	99645	10004	31004	02334	98010	08209	00900	00221	/////	/////	00207	10810	30812	/////

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														
C	99527	70356	30064	82130	97515	94910	5732/	00726	85708	88525	0//10	10910	30807	/////
D	99440	70410	30064	32512	98026	09215	35500	00616	83620	/////	0//15	11628	30402	99/03
E	99357	70496	30063	10611	98028	13020	11400	00804	81816	/////	0//18	12215	30402	35704
I	99589	70185	30064	83028	96216	89408	872//	00304	88704	/////	05408	11119	30504	99/03
J	99523	70198	30064	82426	97616	10511	854//	51213	84712	88620	0//09	11276	30605	26807
K	99450	70159	30064	12508	97021	21615	15600	00301	81640	/////	0//10	11744	30000	27402
M	99645	70004	30064	72331	97012	09108	75500	00501	86645	/////	00208	10776	30909	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 40155

Date of Issue Sunday 31 October 1971

Code FM 11.D

OBSERVATIONS at 12h. 30 October 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	61806	17284	24110	56001	10805	83701	84702	
Hurn	862	71305	04424	24510	761//	09802	87702		
Thorney Island	871	41001	16284	24909	46000	09000	84700		
Manston	797	62802	37051	24213	684//	11801	83811	85635	
Gatwick	776	22706	58054	24613	00902	08802	82075		
Kew	775	12303	50054	24311	00901	07702	81075		
Heathrow	772	22604	50054	24511	26301	09802	82707		
Honington	586	62508	37055	23812	614//	10801	86812		
Wattisham	590	32607	19055	23911	35700	09703	83650		
Gorleston	497	72405	04464	23810	756//	09400	87633		
Aberporth	502	61823	80038	20113	38572	08708	83825	83075	
Ross-on-Wye	627	32305	57024	22511	18501	09615	81825		
Filton	628	62313	74034	23813	11501	08807	81820	86075	
Rhoose	715	51908	66011	23313	21501	08807	82820	85075	
Chivenor	707	42112	82011	23114	21531	08708	82825	83075	
Mount Batten	827	72110	83021	24014	21502	10806	82820	87075	
St. Mawgan	817	52214	82021	23214	12546	08704	81820	85275	
Scilly	804	32213	82020	23115	10931	11400	81360	83080	
Culdrose	809	42212	82011	23214	22531	09705	82820		
Guernsey	894	71910	72021	25312	722//	11002	83705	85708	86811
Elmdon	534	61907	60034	22710	00901	08809	86075		
Cardington	559	12305	58054	23912	11402	08803	81812		
Wittering	462	52208	48044	22812	11401	08806	81815	85075	
Watnall	354	62107	23284	22509	662//	08810	86703		
Shawbury	414	52210	72024	21512	31501	07711	83828	85075	
Finningley	360	51907	32044	21511	00901	07811	85075		
Kilnsea	396	32407	32044	22309	25501	08704	82625		
Leeming	257	61714	20284	20107	5573/	06818	85650		
Tynemouth	262	62116	24051	18309	10946	07717	81359	86275	
Carlisle	222	72020	59036	16114	5947/	08717	81917	85635	
Valley	302	72029	74028	17714	784//	11810	83816	84618	87626
Ringway	334	61912	56041	20911	25602	07809	82640	86075	
Squires Gate	318	71612	50046	19312	38551	09712	82822	84360	85075
Ronaldsway	204	81925	57608	16412	854//	11509	81710	85715	88640
Mull of Galloway	131	71943	63022	12813	725//	10612	87825		
Eskdalemuir	162	82022	56816	15010	892//	10820	84705	85920	
Prestwick	135	62315	70216	13612	58442	10605	81711	83820	85640
Abbotsinch	140	52118	68216	12613	58430	09503	81814	84820	
Leuchars	171	52022	66031	12113	48472	08729	81818	84640	
Dyce	091	71824	75216	11410	55372	07737	83708	84624	86362
Lerwick	005	71824	74011	08810	31478	07732	83814	87275	
Wick	075	61718	81016	08010	1577/	08722	81650	83359	
Sule Skerry	010	51624	82016	05310	15570	06730	81625	85360	
Cape Wrath	049	62308	82016	05209	685//	07716	83820	86625	
Stornoway	026	62017	70258	05509	6844/	08400	81712	84815	85624
Benbecula	022	62219	70258	05811	4946/	05103	81915	83819	
Tiree	100	22223	68258	08811	29400	06204	81710	82915	
Aldergrove	917	62111	80016	13912	654//	10101	82712	86630	
Malin	980	32125	83256	11512	33400	08108	82917		
Belmullet	976	52324	80031	13713	585//	07216	84826		
Birr	965	72410	80036	16612	785//	07314	82821	86636	
Dublin	969	72412	82606	15812	1247/	11503	81717	87459	
Shannon	962	32513	80018	17014	38500	09218	83820		
Roches Point	952	62213	75038	17913	28403	11216	82816	86069	
Valentia	953	12607	80028	18013	12530	07115	81823		

OBSERVATIONS at 18h. 30 October 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	22109	32051	23607	14441	07301	81615		
Hurn	862	31702	56054	24009	25440	08301	82618		
Thorney Island	871	52306	61031	24210	38501	09301	81825	83635	
Manston	797	22002	44051	24608	00901	06208	82075		
Gatwick	776	61603	57111	24208	15608	07400	81630	86278	
Kew	775	41904	32051	23909	14601	07304	81630	84075	
Heathrow	772	71907	59021	23911	00901	08303	87075		
Honington	586	51906	50051	23308	00902	06306	85075		
Wattisham	590	42106	37050	23709	00901	06305	84072		
Gorleston	497	62005	11052	22811	656//	09400	86630		
Aberporth	502	12112	74016	20610	11500	09318	81820		
Ross-on-Wye	627	31807	66021	21511	35601	07101	83630		
Filton	628	61707	59021	23011	35732	07500	83650	84362	85072
Rhoose	715	72013	65028	22113	755//	09400	87624		
Chivenor	707	72012	82021	22413	5563/	10304	85640	87362	
Mount Batten	827	72111	74022	23813	784//	11304	81815	84635	86650
St. Mawgan	817	72012	80022	23112	754//	11302	82616	87620	
Scilly	804	62208	69012	23014	25502	12207	82625	86075	
Culdrose	809	72213	80031	23213	655/1	11101	86624		
Guernsey	894	71710	62032	25012	763//	11206	85708	87610	
Elmdon	534	41806	62021	22009	30938	07201	83362	83272	
Cardington	559	51907	66031	23208	25602	07303	82645	85075	
Wittering	462	22107	50011	22308	00901	06103	82075		
Watnall	354	62009	58042	21409	15632	07502	81640	86080	
Shawbury	414	82106	69611	20611	855//	08304	84625	86635	88650
Finningley	360	51807	61011	20609	25732	07500	82656	83075	
Kilnsea	396	32116	48020	20810	30970	09602	83360		
Leeming	257	61812	62012	18611	25640	08301	82635	85362	
Tynemouth	262	72014	58022	16611	7097/	09704	87358		
Carlisle	222	62207	66036	16811	684//	10318	81712	85656	
Valley	302	32711	74036	19112	18442	09223	81814	83075	
Ringway	334	71711	56601	19511	6557/	08301	83625	85650	86360
Squires Gate	318	62014	68216	18811	68400	10210	83817	84650	
Ronaldsway	204	42411	82016	17811	28402	06221	81818	84075	
Mull of Galloway	131	12314	80011	16211	15500	07228	81625		
Eskdalemuir	162	52105	66038	16209	52400	08319	83712	83822	
Prestwick	135	12410	81016	15210	15500	06216	81620		
Abbotsinch	140	31911	75021	13911	34440	06215	81818		
Leuchars	171	12312	83018	13109	15600	06212	81630		
Dyce	091	12017	84026	11110	15730	06305	81650		
Lerwick	005	22217	66216	05409	28430	07608	81812		
Wick	075	72212	66808	07709	6853/	06204	84820	85630	86359
Sule Skerry	010	42324	81028	04710	43500	05203	84925		
Cape Wrath	049	72318	81038	04309	735//	02703	87920		
Stornoway	026	12116	80018	05808	12500	05205	81820		
Benbecula	022	72114	74158	06110	784//	08002	84817	86630	
Tiree	100	82331	58808	09012	5847/	09302	82815	85625	88458
Aldergrove	917	11808	75021	16409	15630	05217	81640		
Malin	980	72127	83031	13012	784//	08311	83817	87642	
Belmullet	976	82221	78031	14912	6647/	09308	84715	83635	86459
Birr	965	72007	82011	19010	35602	06215	83632	86070	
Dublin	969	52407	82026	19009	15632	06326	81640	85070	
Shannon	962	31906	80020	19010	18532	08212	81828		
Roches Point	952	62202	81021	20811	25601	08116	82642	86070	
Valentia	953	61804	80031	19511	31502	09208	83820	85070	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00121	045	Fff	+
Hurn	862	97140	034	Fff	+
Thorney Island	871	00140	035	ff	+
Manston	797	97130		+	+
Gatwick	776	00151	068	f	if
Kew	775	00140	052	+	+
Heathrow	772	00151	048	+	+
Honington	586	00130		ff	+
Wattisham	590	00121	055	if	+
Gorleston	497	00140	007	ff	f
Aberporth	502	01131	038	d_or_o	d_or_o
Ross-on-Wye	627	91131	044	f	pr_o
Filton	628	97141	062	Ffff	ir_o
Rhoose	715	97150	069	Ffif	pr_oir_o
Chivenor	707	97151	066	+	ir_o
Mount Batten	827	97151	063	+	ir_o
St. Mawgan	817	00150	075	+	+
Scilly	804	00160	070	+	+
Culdrose	809	00150	068	+	+
Guernsey	894	00130	022	+	+
Elmdon	534	97121	060	ff	d_oR
Cardington	559	00140	058	+	+
Wittering	462	00130	052	F	+
Watnall	354	91131	033	Ffff	+
Shawbury	414	94131	073	+	r_oRr
Finningley	360	00131	040	ff	+
Kilnsea	396	00120	044	Fff	+
Leeming	257	97130	018	Ffff	+
Tynemouth	262	00121	024	+	+
Carlisle	222	03151	011	rr_o	r_or_oRr
Valley	302	96141	031	r_or_o	+
Ringway	334	97131	064	+	r_or_o
Squires Gate	318	97141	020	ir_o	r_o
Ronaldsway	204	04141	024	r_or_orR	+
Mull of Galloway	131	00130			
Eskdalemuir	162	08111	000	$ir_orprpRpr_o$	$r_or_opr_o$
Prestwick	135	01131	018	$r_or_od_or_orrir_o$	+
Abbotsinch	140	03131	029	r_or_o	+
Leuchars	171	02131	029	$prpr_o$	+
Dyce	091	93121	032	ir_orr_o	+
Lerwick	005	01101	000	ir_o	$ir_opr_oph_or_o$
Wick	075	96111	018	pr	pr_o
Sule Skerry	010	96120			
Cape Wrath	049	03111	015	pr_opr	pr_o
Stornoway	026	04111	024	irpr	pr_o
Benbecula	022	02111	013	$prpr_o$	pr_o
Tiree	100	04121	033	$prpr_o$	$prpr_oRrir_o$
Aldergrove	917	94141	040	r_o	+
Malin	980	0113	038		
Belmullet	976	0013	056		
Birr	965	0413	044		
Dublin	969	0314	020		
Shannon	962	9114	062		
Roches Point	952	0215	060		
Valentia	953	9714	065		

Code FM 21.D

OCEAN WEATHER STATION REPORTS at 12h.

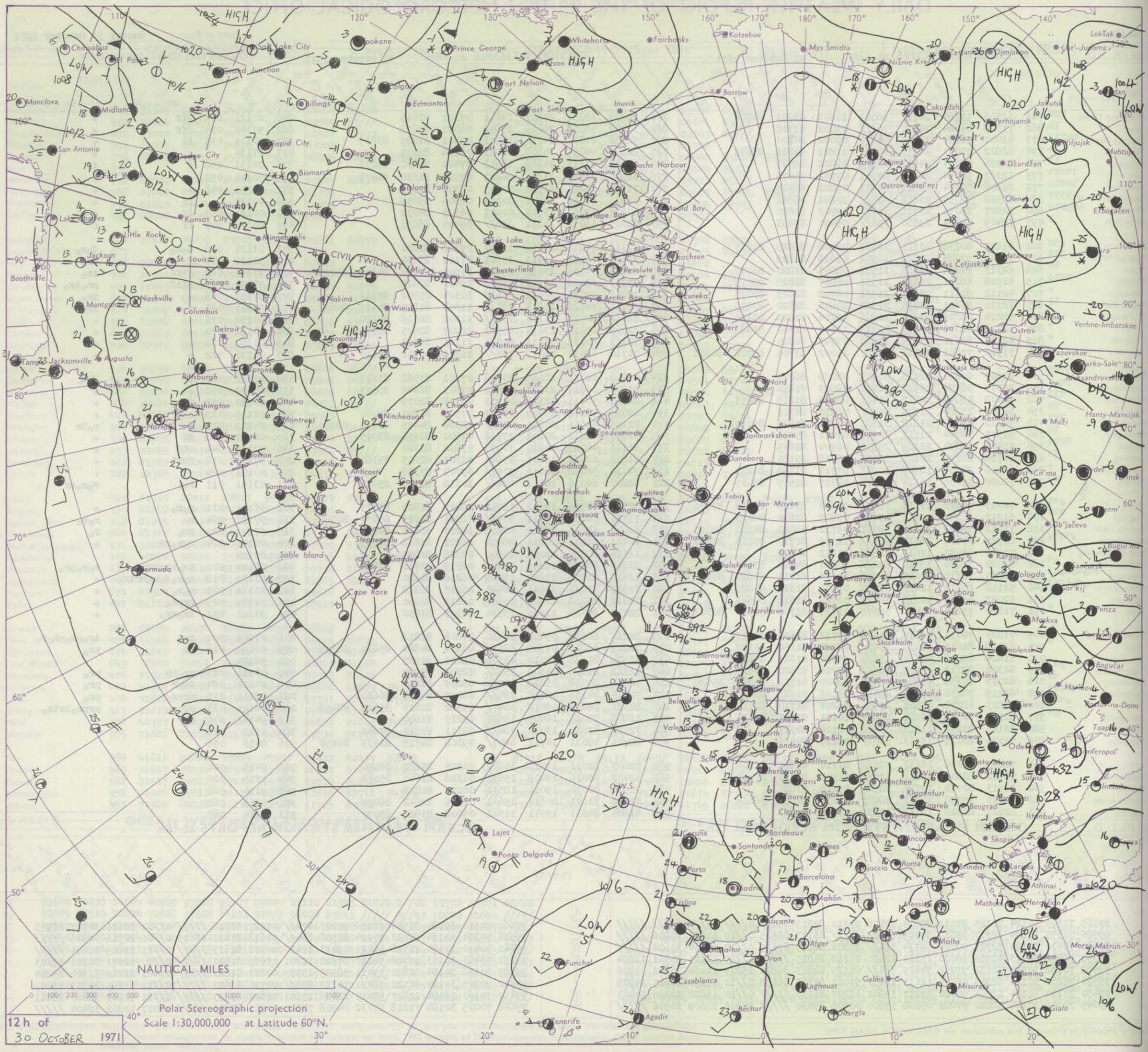
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ss_app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70509	30124	70125	97031	85004	22476	00210	82815	852//	0////	1////	3////	/////
C	99526	70353	30124	82317	95616	90409	6722/	/////	86703	88525	0//09	10890	30806	/////
D	99440	70410	30124	72723	98028	08714	784//	00802	86815	87625	0//12	11604	30604	/////
E	99357	70492	30123	40510	98030	15321	42400	00218	84815	/////	0//19	12121	30301	36804
I	99588	70182	30124	72632	97258	94409	784//	61329	82813	86840	05209	11064	30808	30906
J	99524	70202	30124	62323	98016	11613	1643/	51001	81715	86358	0//10	11290	30605	24908
K	99450	70160	30124	12205	98020	23217	15602	61207	81633	/////	0//10	11808	30000	30403
M	99645	70006	30124	52220	97022	09108	55500	00606	85630	/////	00208	10809	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_ss_app	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99562	70510	30184	83544	96258	90203	874//	00227	88718	/////	0//02	10626	30707	03913
C	99526	70354	30184	82233	97024	85508	884//	00618	83810	88615	0//06	10916	30806	/////
D	99440	70410	30184	22918	98021	09413	11430	00302	82815	/////	0//11	11609	30604	/////
E	99351	70483	30183	10708	98020	14122	12501	00609	81820	/////	0//20	12171	30301	99/03
I	99589	70186	30184	22820	99011	98909	15559	00221	81620	/////	05403	11112	31904	25804
J	99522	70205	30184	82121	98031	10113	855//	00710	88622	/////	0//12	11265	30505	23009
K	99450	70160	30184	11807	98020	22216	15601	00302	81633	/////	0//11	11803	30000	30403
M	99646	70005	30184	71618	97032	04208	72500	00721	87825	/////	00007	10802	30404	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


CIVIL TWILIGHT
Mid-Civil
HIGH
LOW
Chinuahua
Monclova
Midland
San Antonio
Fort Worth
Lake Charles
Jackson
Boothville
Tampa
Jacksonville
Augusta
Charleston
Norfolk
Washington
New York
Boston
Bermuda
Sable Island
Cape Race
Yarmouth
Caribou
Anticosti
Stephenville
Gander
Sept-Iles
Quebec
Ottawa
Montreal
Toronto
Pittsburgh
Detroit
Columbus
Nashville
Montgomery
Little Rock
Kansas City
Dodge City
Amarillo
Lubbock
Abilene
Fort Worth
Wichita Falls
Oklahoma City
Tulsa
Fort Smith
Memphis
St. Louis
Chicago
Minneapolis
Rapid City
Bismarck
Winnipeg
Regina
Billings
Spokane
Salt Lake City
Grand Junction
Pueblo
Calgary
Edmonton
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Fort Smith
Yellowknife
Inuvik
Barrow
Fairbanks
Katzebue
Mys Šmidta
Nižnie Kresty
Čokurdah
Ostrov Zelova
Ostrov Kotel'nyj
Kazač'e
Verhojansk
Džardžan
Jakutsk
Ojmjakon
Ust'-Juroma
Lokšak
Yitjujsk
Muhtuja
Olenek
Tiksi
Ebeljach
Mys Čeljuskin
Dikson Ostrov
Verhne-Imbatskoe
Turuhansk
Igarka
Kazovskoe
Mare-Sale
Aleksandrovskoe
Hanty-Mansijsk
Muži
Malye Kamakuly
Ust'-Cil'ma
Ukhta
Vorkuta
Inta
Pečora
Ostrov Dikson
Ostrov Uedineniya
Ostrov Vize
Ostrov Sverdrup
Ostrov Ellesmere
Ostrov Devon
Ostrov Somerset
Ostrov Prince of Wales
Ostrov Victoria
Ostrov Banks
Sachs Harbour
Inuvik
Tuktoyaktuk
Cambridge Bay
Gjoa Haven
Baker Lake
Churchill
Chesterfield
Resolute Bay
Arctic Bay
Eureka
Alert
Nord
Thule
Clyde
Upernavik
Egedesminde
Godthab
Frederikshab
Julianehab
Angmagssalik
Christian Sund
Jan Mayen
Tromsø
Bodø
Mo
Mosjøen
Namsos
Trondheim
Kristiansund
Ålesund
Bergen
Stavanger
Oslo
Stockholm
Luleå
Umeå
Sundsvall
Gävle
Karlstad
Göteborg
Helsinki
Turku
Tallinn
Riga
Vilnius
Minsk
Smolensk
Moskva
Kirov
Penza
Vologda
Arhangel'sk
Onega
Severodvinsk
Mezen'
Ust'-Cil'ma
Ukhta
Vorkuta
Inta
Pečora
Ostrov Dikson
Ostrov Uedineniya
Ostrov Vize
Ostrov Sverdrup
Ostrov Ellesmere
Ostrov Devon
Ostrov Somerset
Ostrov Prince of Wales
Ostrov Victoria
Ostrov Banks
Sachs Harbour
Inuvik
Tuktoyaktuk
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Bergen
Stavanger
Oslo
Stockholm
Luleå
Umeå
Sundsvall
Gävle
Karlstad
Göteborg
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Kirov
Penza
Vologda
Arhangel'sk
Onega
Severodvinsk
Mezen'
Ob"jačevo
Bugul'ma
Kungur
Perm'
Sarapul
Izevsk
Kazan'
Nižnekamsk
Ufa
Orsk
Orenburg
Čkalov
Saratov
Volgograd
Astrahan'
Kamyšin
Penza
Tambov
Voronež
Kursk
Orel
Tula
Moskva
Kalinin
Smolensk
Bryansk
Kaluga
Tver'
Rjazan'
Vladimir
Gorkij
Kirov
Kostroma
Jaroslavl'
Ivanovo
Kostroma
Gorkij
Vladimir
Rjazan'
Tula
Kaluga
Bryansk
Smolensk
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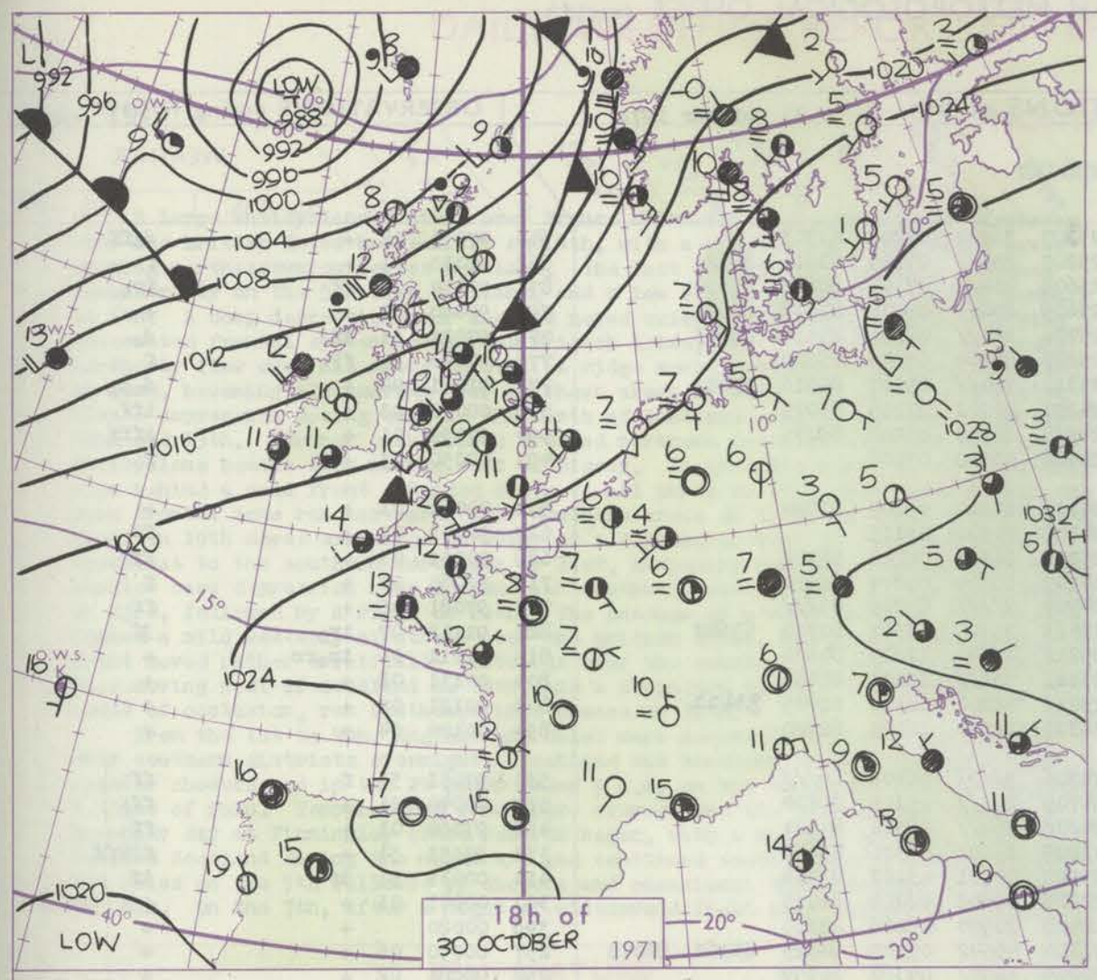
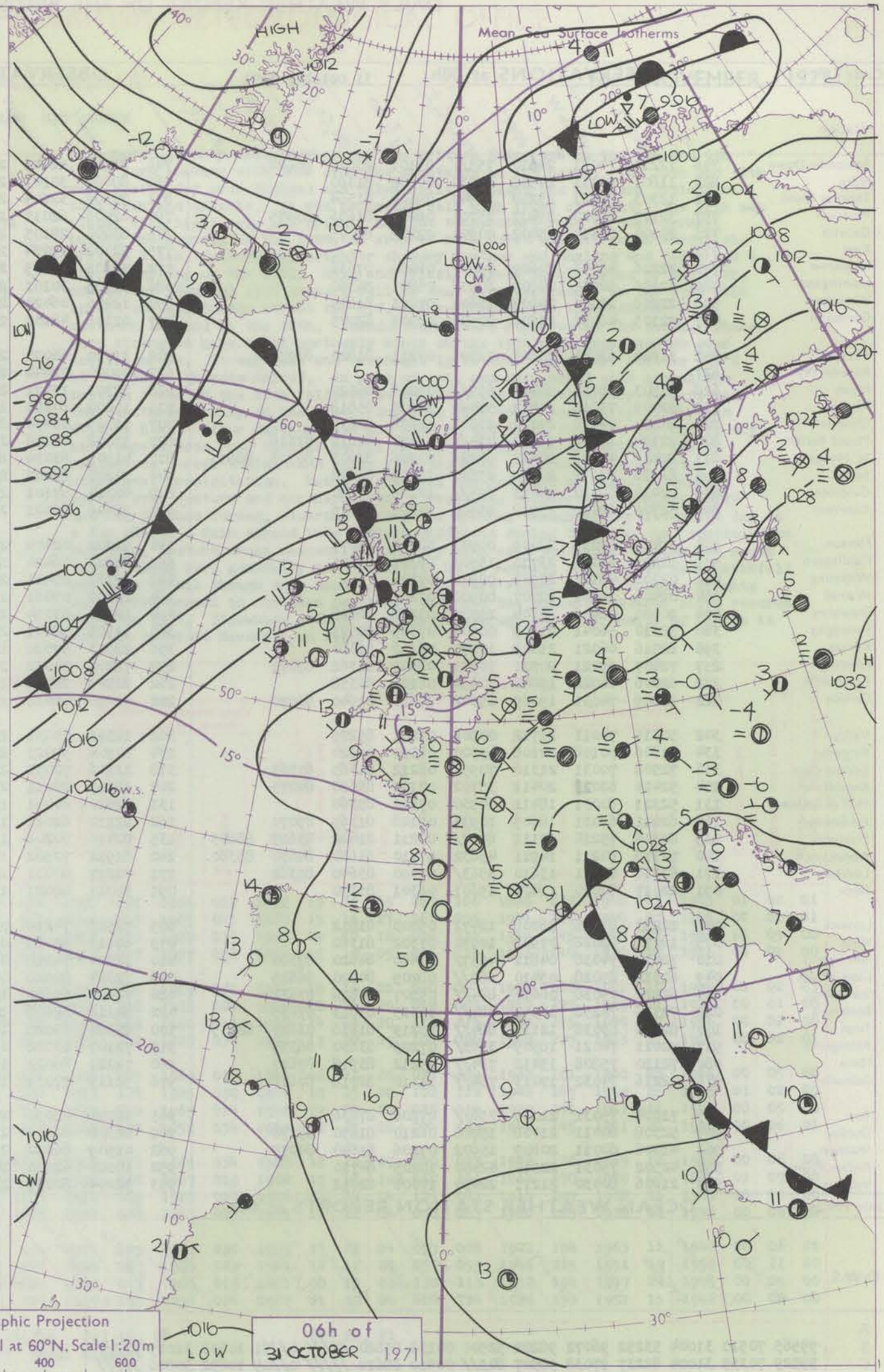
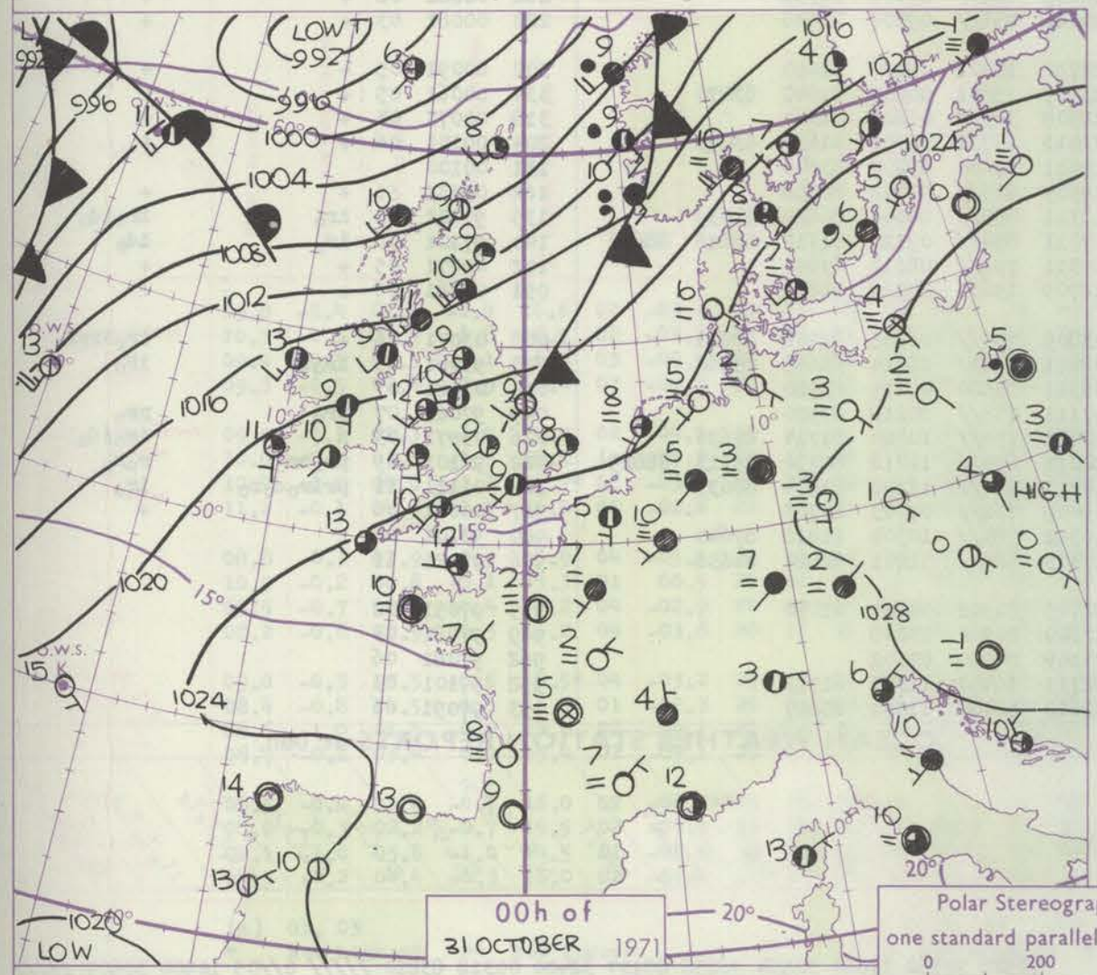
Kostroma
Jaroslavl'
Ivanovo







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 31 October 1971

The anticyclone over central Europe, with a ridge extending westwards across southern Britain towards the Azores, has remained almost stationary. The depression near O.W.S. 'I' moved steadily eastnortheast towards the Faeroes and has now almost filled up completely. Meanwhile weak troughs associated with this low have moved eastwards across the British Isles. During the next 24 hours the European high with a strong ridge extending westwards will continue to dominate the weather over most of the British Isles. Further Atlantic troughs may affect the far north and west of Scotland.

Code FM 11.D

OBSERVATIONS at 00h. 31 October 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	72211	74031	24610	755//	09101	85620	86628	
Hurn	862	11601	50111	24908	10930	07602	81360		
Thorney Island	871	12303	05461	25209	10940	09103	81364		
Manston	797	32107	59020	25407	15701	06400	81656	83075	
Gatwick	776	20000	05414	25402	00901	02202	82075		
Kew	775								
Heathrow	772	72206	45051	24609	756//	08400	87636		
Honington	586	62106	50051	23609	6093/	06801	86360		
Wattisham	590	22208	22100	24207	15602	07801	81645		
Gorleston	497	22105	48051	23508	00904	06503	82075		
Aberporth	502	31810	63030	23107	18501	07211	81820	83070	
Ross-on-Wye	627								
Filton	628	61503	58056	24410	655//	09206	86627		
Rhoose	715	52409	75016	23912	51400	10305	85818		
Chivenor	707	20000	74016	24111	25600	10208	82635		
Mount Batten	827	72314	69036	24914	754//	13204	84612	87618	
St. Mawgan	817	82408	40636	24613	6722/	13206	82703	86705	88513
Scilly	804	62306	74012	24913	65500	13209	86628		
Culdrose	809	72410	64022	24413	755//	12105	87620		
Guernsey	894	52706	62012	25912	55400	11205	85616		
Elmdon	534	32408	59035	23009	00901	08203	83075		
Cardington	559	12209	61011	23710	15500	08301	81625		
Wittering	462	02108	48101	22908	00900	07302			
Watnall	354	02405	19101	22707	00900	07206			
Shawbury	414	20000	08416	22704	25500	03208	82628		
Finningley	360	32310	56041	21509	00901	07305	83075		
Kilnsea	396	12516	66021	21009	10970	07108	81360		
Leeming	257	72407	69021	20511	10941	08309	81362	87075	
Tynemouth	262	62006	66022	19008	60950	06106	86358		
Carlisle	222	52109	74031	19009	15642	07211	81640	83070	
Valley	302	52514	74011	21712	00908	07211	85275		
Ringway	334	41806	50106	22108	45500	08310	84620		
Squires Gate	318	72508	70031	21310	7095/	08212	81365	87367	
Ronaldsway	204	52414	80021	20411	35702	07109	83650	84075	
Mull of Galloway	131	52321	80031	18411	50930	07312	85360		
Eskdalemuir	162	62011	69031	18605	10934	05108	81365	85070	
Prestwick	135	82514	75216	17111	855//	07211	81622	83627	88645
Abbotsinch	140	72318	80211	14911	45632	07110	81630	84650	85360
Leuchars	171	62318	80011	13610	3563/	07000	83640	85362	
Dyce	091	22017	80010	11409	15601	06301	81630		
Lerwick	005	22213	80018	06008	12472	05003	81812		
Wick	075	12011	82028	07909	10930	07302	81360		
Sule Skerry	010	72019	74038	04811	4557/	07400	84620	87360	
Cape Wrath	049	62312	85028	05410	685//	08209	84820	86625	
Stornoway	026	82212	75038	06610	884//	09207	84816	87632	
Benbecula	022	72318	70258	08512	784//	10315	83813	87635	
Tiree	100	82325	63038	12113	884//	10219	81816	83620	88635
Aldergrove	917	72011	70021	18509	3563/	07209	83630	86359	
Malin	980	72120	75808	15412	734//	09212	83918	87627	
Belmullet	976	72216	74032	17013	754//	11110	82718	87636	
Birr	965	71804	75031	21009	756//	07206	87636		
Dublin	969	52308	80011	21008	15706	06210	81650	85270	
Shannon	962	41406	80011	20809	15602	07206	81640	84075	
Roches Point	952	42502	75031	22510	42400	10205	84710		
Valentia	953	21806	80030	21211	22400	10006	82812		

OBSERVATIONS at 06h. 31 October 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	32303	02445	25207	36200	07208	83703		
Hurn	862	80000	30101	25207	854//	07103	83614	88620	
Thorney Island	871	70502	32604	25608	754//	07306	86614	87650	
Manston	797	62406	62011	25609	654//	09206	82618	86640	
Gatwick	776	80000	28105	25706	854//	06306	83616	88643	
Kew	775	52102	19284	25107	55500	07306	85622		
Heathrow	772	72205	45105	25310	754//	09207	84616	87621	
Honington	586	52506	30101	24207	00902	07205	85075		
Wattisham	590	12406	06424	24905	00902	05208	81075		
Gorleston	497	02306	48100	24108	00900	07206			
Aberporth	502	11710	66030	24106	18500	06209	81820		
Ross-on-Wye	627	00000	02444	24705	00900	05205			
Filton	628	22302	17121	25208	16301	08208	81708		
Rhoose	715	10000	60280	24907	15600	07207	81630		
Chivenor	707	91105	02454	24909	9////	09209	89///		
Mount Batten	827	33002	66016	25513	35400	12307	81710	83622	
St. Mawgan	817	41905	61036	25212	45500	11204	84620		
Scilly	804	72204	82022	25113	756//	12204	87635		
Culdrose	809	42304	57101	25013	45200	12303	81705	83622	
Guernsey	894	22406	60021	26311	22530	10205	82820		
Elmdon	534	91202	02474	24306	9////	06308	89///		
Cardington	559	82308	06424	24709	861//	09109	88702		
Wittering	462	72708	09411	24208	760//	08310	87701		
Watnall	354	22302	07461	23805	15601	05306	81630		
Shawbury	414	12503	61014	23905	00901	03207	81076		
Finningley	360	11505	58041	22806	00902	06209	81075		
Kilnsea	396	22513	57020	22408	20970	08208	82360		
Leeming	257	72208	74032	21310	45542	07109	84625	83362	86075
Tynemouth	262	62506	74022	20009	6097/	07304	86359		
Carlisle	222	72010	74012	20011	756//	09207	87638		
Valley	302	12313	74031	22712	15701	09207	81650		
Ringway	334	31906	59021	23207	15601	06207	81640	83070	
Squires Gate	318	32106	70012	22508	10942	08208	81360		
Ronaldsway	204	32209	80011	21411	15731	09306	81650	83075	
Mull of Galloway	131	32320	80011	19511	35600	09207	83640		
Eskdalemuir	162	82110	61011	19909	863//	08212	88708		
Prestwick	135	82416	80206	18111	855//	08006	86620	88635	
Abbotsinch	140	81912	70502	17011	854//	09120	81712	85616	88620
Leuchars	171	72217	80031	15311	756//	08312	87640		
Dyce	091	32011	82021	12709	15631	07209	81630		
Lerwick	005	72523	74216	03809	753//	06505	82708	87623	
Wick	075	62413	82016	08811	4563/	08214	83635	85360	
Sule Skerry	010	32524	74018	06311	33500	08219	83920		
Cape Wrath	049	72324	82028	07111	735//	10218	87920		
Stornoway	026	72420	65602	10411	754//	10224	81714	87636	
Benbecula	022	82112	62606	12212	854//	11218	82710	85713	88629
Tiree	100	82320	63026	14213	854//	11208	83614	88633	
Aldergrove	917	72107	63022	19409	762//	07303	87705		
Malin	980	72121	80022	16512	784//	10304	81818	87640	
Belmullet	976	52119	77031	17313	585//	11201	82820	84638	
Birr	965	11704	25031	21705	00902	04205	81070		
Dublin	969	02308	80011	21809	00900	06208			
Shannon	962	01509	66020	21109	00900	07102			
Roches Point	952	10000	62010	22711	16400	11303	81713		
Valentia	953	52004	80031	21112	52400	11500	85817		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97071	02	+	d_off
Hurn	862	00030	01	+	f
Thorney Island	871	97050	03	ff	fr_o
Manston	797	97060	01	+	+
Gatwick	776	97021	51	iff	d_o
Kew	775	97040	51	fF	f
Heathrow	772	91081	04	+	d_od_o
Honington	586	00070	03	+	iff
Wattisham	590	97031	01	+	ifff
Gorleston	497	00050	03	+	F
Aberporth	502	00061	03	+	+
Ross-on-Wye	627	92041	01	+	ff
Filton	628	00051	03	+	Ff
Rhoose	715	92060	00	+	f
Chivenor	707	97081	05	+	ff
Mount Batten	827	91111	07	ir_o	jf
St. Mawgan	817	01111	09	ir_orr	+
Scilly	804	00131	08	+	+
Culdrose	809	00121	09	+	+
Guernsey	894	00100	04	+	+
Elmdon	534	97051	51	f	ff
Cardington	559	00040	51	+	ff
Wittering	462	97060	01	+	ff
Watnall	354	97051	51	+	fFFff
Shawbury	414	00031	51	if	if
Finningley	360	00041	01	+	+
Kilnsea	396	00080		+	+
Leeming	257	00090	06	+	+
Tynemouth	262	00081	02	+	+
Carlisle	222	00081	03	+	+
Valley	302	00091	05	+	+
Ringway	334	00061	05	+	+
Squires Gate	318	00071	04	+	+
Ronaldsway	204	00101	06	+	+
Mull of Galloway	131	00100			
Eskdalemuir	162	00031	51	+	+
Prestwick	135	97101	08	ir_o	ir_oid_o
Abbotsinch	140	97101	08	ir_o	id_o
Leuchars	171	00071	05	+	+
Dyce	091	00081	06	+	+
Lerwick	005	03071	06	+	ir_oRrpr_o
Wick	075	95081	05	ir_oir	ir_o
Sule Skerry	010	01081	07		
Cape Wrath	049	97061	07	pr_o	pr_o
Stornoway	026	03071	03	R	ir_oid_o
Benbecula	022	92101	09	pr_oir_o	r_or_o
Tiree	100	01111	11	$prir_od_or_o$	ir_o
Aldergrove	917	00081	06	+	+
Malin	980	93101	08		
Belmullet	976	97121	11		
Birr	965	97051	02		
Dublin	969	97081	03		
Shannon	962	97081	06		
Roches Point	952	97101	03		
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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwIT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B	99565	70510	31004	53252	96072	98202	52500	00138	85820	/////	0//51	10605	31015	/////
C	99529	70355	31004	82237	97038	98507	843//	00510	88610	/////	0//05	10892	30806	/////
D	99440	70410	31004	73117	98022	12011	784//	00107	86815	87630	0//06	11638	30605	/////
E	99350	70485	31003	20307	98021	15520	22500	00005	82820	/////	0//19	12123	30201	35904
I	99589	70185	31004	72013	97022	00411	755//	00002	87626	/////	00110	11093	30704	31905
J	99521	70205	31004	12023	98016	08713	15690	00708	81635	/////	0//12	11260	30505	23007
K	99450	70160	31004	01506	98020	23315	00900	00000	/////	/////	0//11	11781	30000	30402
M	99646	70005	31004	71408	97022	99808	72500	00726	87830	/////	00108	10815	30101	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwIT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
A														
B														
C	99528	70352	31064	32534	98258	89107	32400	00318	83810	/////	0//05	10900	30807	/////
D	99440	70410	31064	73014	98022	11212	75500	00705	87625	/////	0//06	11592	30503	/////
E	99350	70482	31063	30610	98021	13220	32400	00715	83817	/////	0//18	12130	30201	35703
I	99585	70174	31064	81818	96636	98212	6742/	00712	86711	88525	00311	11082	30704	31804
J	99523	70202	31064	82130	96616	05713	873//	51501	88708	/////	0//13	11260	30706	21910
K	99451	70160	31064	21510	98030	22216	25500	00501	82620	/////	0//12	11764	30000	30402
M	99646	70005	31064	82716	97254	01007	7942/	00316	83915	84715	05007	10787	30202	99/03

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