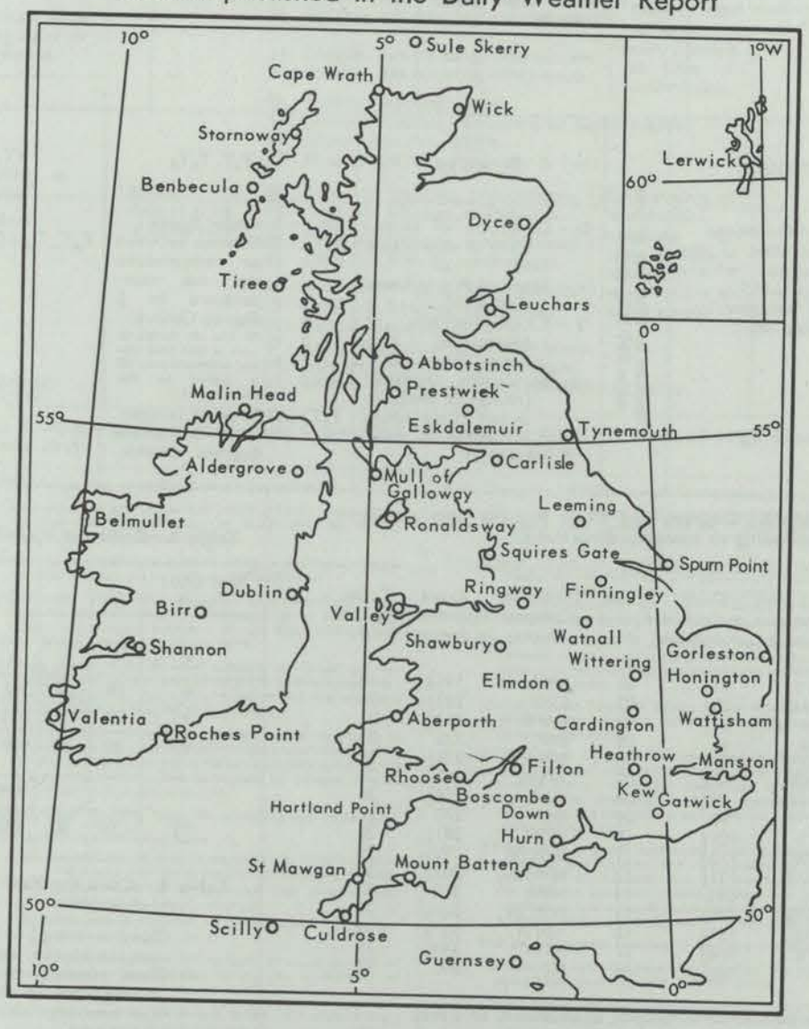
THE DAILY WEATHER REPORT

(INTRODUCTION)

1st July to 30th September, 1977

Stations published 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 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. 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 Practice of Weather Forecasting " which may be purchased from H.M. Stationery Office, 49 High Holborn.

(vi) Correction sheets will be issued weekly. These will contain corrected observations, where appropriate, for all stations with the exception of the following:—stations in Eire, Cape Wrath, Sule Skerry, Mull of Galloway, Kilnsea, Guernsey, Scilly, Hartland Point.

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM 11 V—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 RRT_nT_nE sss 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 21V) 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).	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 V—Ships

$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGi_w	Followed by first four groups as in FM 11V 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)

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

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

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

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

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

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

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

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

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

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

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

00–19 No precipitation at the station at the time of observation.	00	Cloud development not observed.
	01	Clouds generally dissolving or becoming less developed.
	02	State of sky on the whole unchanged.
	03	Clouds generally forming or developing.
		(Characteristic change of the state of the sky during the past hour.)
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.
	05	Haze
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.
	09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.
	10	Mist.
	11	Shallow fog or ice fog, in patches.
	12	Shallow fog or ice fog, more or less continuous.
		(Fog not deeper than about 2 metres on land or 10 metres at sea.)
	13	Lightning visible, no thunder heard.
	14	Precipitation within sight, not reaching the ground or the surface of the sea.
	15	Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km) from the station.
	16	Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.
	17	Thunderstorm, but no precipitation at time of observation.
	18	Squalls.
	19	Funnel cloud(s)†
		(at or within sight of the station during the preceding hour or at the time of observation.)
20–29 Precipitation, fog or thunderstorm at station during the last hour but not at time of observation.	20	Drizzle (not freezing), or snow grains.
	21	Rain (not freezing).
	22	Snow.
	23	Rain and snow or ice pellets type (a).
	24	Freezing drizzle or freezing rain.
		(Not falling as shower(s).)
	25	Shower(s) of rain.
	26	Shower(s) of snow, or of rain and snow.
	27	Shower(s) of hail*, or of hail and rain.
	28	Fog or ice fog.
	29	Thunderstorm (with or without precipitation).
30–39 Duststorms, Sandstorms, drifting or blowing snow.	30	Slight or moderate duststorm or sandstorm. has decreased during preceding hour.
	31	Slight or moderate duststorm or sandstorm. no appreciable change during preceding hour.
	32	Slight or moderate duststorm or sandstorm. has begun or has increased during preceding hour.
	33	Severe duststorm or sandstorm. has decreased during preceding hour.
	34	Severe duststorm or sandstorm. no appreciable change during preceding hour.
	35	Severe duststorm or sandstorm. has begun or has increased during preceding hour.
	36	Slight or moderate drifting snow.
	37	Heavy drifting snow.
		(generally low.)
	38	Slight or moderate blowing snow.
	39	Heavy blowing snow.
		(generally high.)
40–49 Fog or ice fog at time of observation.	40	Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.
	41	Fog or ice fog in patches.
	42	Fog or ice fog, sky discernible.
	43	Fog or ice fog, sky not discernible.
		(has become thinner during the preceding hour.)
	44	Fog or ice fog, sky discernible.
	45	Fog or ice fog, sky not discernible.
		(no appreciable change during the preceding hour.)
	46	Fog or ice fog, sky discernible.
	47	Fog or ice fog, sky not discernible.
		(has begun, or has become thicker during the preceding hour.)
	48	Fog, depositing rime, sky discernible.
	49	Fog, depositing rime, sky not discernible.
50–59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.
	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 crenelated or in cumuliform tufts : the various elements of the cloud change only slowly and are all at a single level.

4 = Patches (often in the form of almonds or fishes) of altocumulus, the greater part of which is semi-transparent ; the clouds are at one or more levels and the elements are continually changing in appearance.

5 = Semi-transparent altocumulus in bands or altocumulus in one more or less continuous layer progressively invading the sky : these altocumulus clouds generally are growing denser as a whole. The layer may be opaque or may consist of two or more sheets.

6 = Altocumulus resulting from the spreading out of cumulus.

7 = Any one of the following cases :—

(a) Altocumulus in two or more layers, usually opaque in places and not progressively invading the sky.

(b) Opaque layer of altocumulus not progressively invading the sky.

(c) Altocumulus together with altostratus or nimbostratus or both.

8 = Altocumulus with sprouts in the form of small towers or battlements, or altocumulus having the appearance of cumuliform tufts.

9 = Altocumulus, generally at several levels, in a chaotic sky : dense cirrus is usually also present.

/ = Altocumulus, altostratus and nimbostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

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

0 = No cirrus, cirrocumulus or cirrostratus.

1 = Cirrus in the form of filaments, strands or hooks, not progressively invading the sky (often called " mares' tails ").

2 = Dense cirrus, in patches or entangled sheaves, which usually do not increase and sometimes seem to be the remains of the upper part of a cumulonimbus : or cirrus with sproutings in the form of towers or battlements, or having the appearance of cumuliform tufts.

3 = Dense cirrus, often in the form of an anvil ; either the remains of the upper parts of a cumulonimbus or parts of distant cumulonimbus, the cumuliform portions of which cannot be seen.

4 = Cirrus in the form of hooks or of filaments, or both, progressively invading the sky : they generally become denser as a whole.

5 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole, but the continuous veil does not reach 45 degrees above the horizon.

6 = Cirrus, often in bands converging towards one point or two points of the horizon, and cirrostratus, or cirrostratus alone : in either case, they are progressively invading the sky, and generally growing denser as a whole ; the continuous veil extends more than 45 degrees above the horizon, without the sky being totally covered.

7 = Veil of cirrostratus completely covering the celestial dome.

8 = Cirrostratus not progressively invading the sky and not completely covering the celestial dome.

9 = Cirrocumulus alone or cirrocumulus accompanied by cirrus or cirrostratus, or both, but cirrocumulus is the predominant cirriform cloud.

/ = Cirrus, cirrocumulus and cirrostratus are invisible owing to darkness, fog, blowing dust or sand, or other similar phenomena, or more often because of the presence of a continuous layer of lower clouds.

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

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

Note 1.—If there is no cloud at all code figure 9 is reported.

Note 2.—If there is fog, and the sky is discernible through the fog, the cloud form, height and amount are reported as if no fog were present. If the sky is not discernible through the fog the height of the base of the cloud is reckoned as 0.

Note 3.—Height above ground of the base of cloud. If there is cloud of Form C_L reported, h refers to this cloud. If, however, there is no cloud of Form C_L and there is cloud of Form C_M h refers to this cloud.

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

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

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

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

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

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

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

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

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

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

CODE FIGURES 81–89

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

CODE FIGURES 90–99*

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

*Only used when cloud height cannot be determined with greater accuracy.

Table 13.—Code for State of Ground (E) (Code 0900)

0 ... Ground dry.
1 ... ,, moist.
2 ... ,, wet.
3 ... ,, frozen.
4 ... Glaze or ice on ground but no snow or melting snow.
5 ... Snow or melting snow (with or without ice) covering less than one half of ground.
6 ... Snow or melting snow (with or without ice) covering more than one-half of ground (but not completely).
7 ... Snow or melting snow (with or without ice) covering ground completely.
8 ... Loose dry snow, dust or sand covering more than one half of ground (but not completely).
9 ... Loose dry snow, dust or sand covering ground completely.

Table 14.—Code for Direction in which Ship has moved (D_s) (Code 0700)

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

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

kt

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

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

sec

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

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

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

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

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

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

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

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

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

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

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 Station circle.

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 at the surface.
Cold Front at 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	Hartland Point	90	Tynemouth	29	Sule Skerry	13
Hurn (Bournemouth/Hurn Airport)	10	Mount Batten (Plymouth/Mount Batten)	27	Carlisle	26	Cape Wrath	112
		St. Mawgan	103	Valley	10	Stornoway	15
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)	96	Mull of Galloway	78	Malin Head	20
Honington	49	Cardington	28	Eskdalemuir	242	Belmullet	9
Wattisham	89	Wittering	75	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
		Finningley	10	Dyce (Aberdeen/Dyce)	58	Roches Point	40
Filton (Bristol/Filton)	59	Spurn Point	12	Lerwick	82	Valentia (Valentia Observatory)	9
Rhoose (Glamorgan/Rhoose Airport)	67	Leeming	32	Wick	36		

HMSO Press, Bracknell, Berks.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 260

MONTHLY SUMMARY

For AUGUST 1977

VARIABLE; A FEW FINE SPELLS BUT ALSO
OUTBREAKS OF VERY HEAVY RAIN

On 1st August, an anticyclone to the south of the British Isles crossed southern districts on 2nd. A trough to the west moved southeastwards across all areas on 3rd, followed briefly by a ridge of high pressure, and on 4th by a depression and associated fronts. These fronts remained slow-moving and developed waves over southern districts on 5th and 6th, while an anticyclone crossed the country further north. There followed a period with slack pressure gradients until the 9th, when pressure began to build and remained generally high until 14th and 15th, when an occlusion became slow-moving over the country. By 16th, a complex of depressions covered most of western Europe and influenced much of England and Wales until 22nd, with frontal troughs approaching from the south and east. By 23rd, a ridge of high pressure covered the British Isles, soon to be replaced by a depression which moved across from the west and became slow-moving in the North Sea while secondary depressions developed to the west and south. By 27th, a ridge covered many areas but a filling depression in the Channel affected southern districts. On 28th the ridge moved away eastwards as fronts affecting western districts also moved east on 29th and waves, which developed on the fronts overnight 29/30th dominated the weather over the country for the rest of the month.

It was fine and warm in many areas during the first three days of August with overnight fog at times especially in the southeast. There was occasional rain mostly in the west and north with thunderstorms in eastern districts on 2nd and 3rd. Rain, heavy at times, affecting the north and west on the 4th, spread to most other areas on the 5th and continued overnight in southern England. On the 6th, the rain spread north again to eastern and central parts of England, where it continued, accompanied by occasional thunderstorms on 7th and 8th. Remaining areas were mostly fine with long clear or sunny periods and only a few scattered showers; it was rather cool generally and in Scotland and Northern Ireland became very cold at night with slight air frost on the night of 5/6th August. From the 9th, the weather became generally drier and warmer particularly in western and central areas with eastern districts remaining mostly rather cool. The nights continued cool until 12/13th. Fog patches formed occasionally overnight clearing by mid-morning and there was coastal fog in the north and east. On the 13th, rain, occasionally heavy with isolated thunderstorms, reached most areas on 14th and the southeast on 15th. From 16th to 22nd over England and Wales there were frequent outbreaks of rain sometimes very heavy with thunderstorms, especially in southwestern districts on 16th and in the southeast overnight and on 17th. Northern areas were generally drier and brighter but on 22nd, thunderstorms broke out over north England and southern Scotland. Though the 23rd started fine, rain reached southwestern districts by evening and spread across the whole country. From the 24th to 27th the weather was generally unsettled with rain at times, but also sunny periods. There were thunderstorms on the evening of 27th, more especially in the southeast. Many places were fine and sunny on 28/29th and London Weather Centre recorded its sunniest August Bank Holiday weekend (27th - 29th August) since records began in 1940, but cloud and rain to the northwest spread southeast giving changeable weather for the rest of the month. The night of 27/28th was very cold in Scotland with air frost in several places while Kew experienced its coldest August night on 28/29th.

Mean temperatures for August were consistently below normal in southeast, east and central southern England, the South Midlands and the Channel Isles, elsewhere temperatures were fairly close to normal. Rainfall totals were above average in most of south and east England and the South Midlands as well as in some scattered places elsewhere. Sunshine amounts were below average in southeast, east and central southern England and the Midlands, but near to or above average in all other areas, the percentages ranging from about 75 in parts of the southeast to over 140 in Northern Ireland and Shetland.

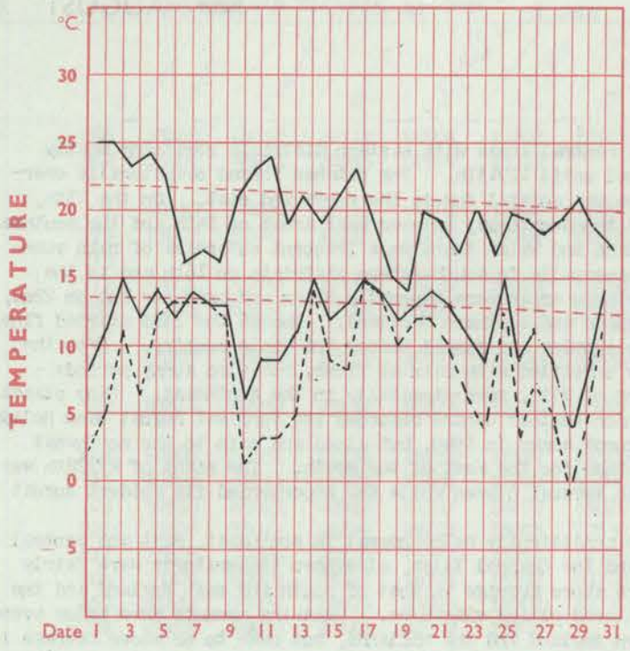
PLACE	TEMPERATURE										SUNSHINE											RAINFALL												
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% of average	Highest and lowest totals on record for month: First year of record	Highest hrs.	Year	Lowest hrs.	Year	Days of no rainfall (0·1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	Highest and lowest totals on record for month: First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or rain and snow	Days with fog (Vis. < 200 metres at 09 h.)
Kew	19.7	-2.2	11.6	-0.7	24.7	01	4·0	29	01	00	06	13.1	11	138	075	1880	279	1947	109	1912	13	48	16	127	202	1866	165	1873	02	1940	03	00	00
Thorney Island																																	
Cardington	19.9	-1.2	10.8	+0.2	26.5	02	04.9	10	00	00	07	12.1	28	134	079	1949	241	1976	111	1968	15	23	17	113	202	1947	132	1948	03	1947	02	00	00
Boscombe Down	19.5	-1.0	11.1	-0.1	24.9	01	06.9	(a)	00	00	05	12.6	28	149	084	1933	298	1976	119	1968	13	62	16	174*	260	1931	118	1951	06	1940	02	00	00
Rhoose	19.7	-0.4	11.7	-0.6	23.9	11	07.2	28	00	00	03	13.4	01	181	101	1954	299	1976	133	1958	18	18	24	089	090	1954	156	1956	22	1955	02	00	00
Mount Batten	19.2	+0.2	12.1	-0.6	23.4	15	08.8	28	00	00	01	13.3	01	211	110	1921	308	1976	114	1958	19	39	23	106	125	1921	159	1952	02	1940	02	00	00
Elmdon	19.0	-1.0	10.7	-0.2	25.6	01	04.0	28	01	00	07	11.4	28	139	086	1945	258	1947	104	1946	13	30	17	094	132	1941	151	1948	10	1947	00	00	00
Valley	19.2	+0.9	12.3	+0.1	24.5	12	07.2	28	00	00	01	13.5	10	211	115	1946	291	1976	123	1948	18	12	04	055	071	1941	210	1956	05	1959	00	00	00
Ringway	19.2	-0.2	11.7	+0.2	23.7	11	05.5	28	00	00	03	12.9	10	148	097	1945	259	1947	089	1948	22	15	25	045	049	1942	201	1956	07	1976	01	00	00
Watnall	19.2	-0.7	11.5	+0.4	26.3	01	07.1	28	00	00	06	12.1	28	135	090	1948	224	1975	098	1963	15	18	14	066	084	1941	152	1956	06	(a)	01	00	00
Finningley	20.0	-0.6	11.3	-0.1	27.8	01	06.9	28	00	00	05	11.9	09	134	086	1958	213	1976	112	1963	18	13	18	049	073	1958	116	1970	09	1959	02	00	00
Tynemouth	16.9	-0.3	12.9	+0.9	22.8	02	06.7	28	00	00	07	12.7	03	180	124	1936	247	1976	090	1942	18	13	19	047	059	1864	165	1900	04	1947	01	00	00
Eskdalemuir	17.5	+0.4	08.1	-0.7	24.0	11	-01.5	28	06	01	04	13.9	(a)	184	144	1911	260	1947	044	1912	15	33	04	115	086	1911	262	1923	01	1947	02	00	00
Abbotsinch	18.8	+0.3	10.1	-0.5	23.5	12	03.0	28	03	00	05	13.1	08	189	132	1921	222	1947	085	1942	14	20	24	078	088	1921	153	1943	00	1947	01	00	00
Leuchars	17.3	-0.6	09.8	-0.6	25.0	01	02.4	28	01	00	05	12.5	08	196	129	1922	218	1976	097	1963	17	17	30	059	079	1922	192	1930	07	1955	01	00	00
Dyce	17.2	+0.1	09.2	-0.2	24.3	01	01.4	28	03	00	06	14.0	08	170	124	1941	257	1947	076	1963	18	20	24	101	120	1942	162	1962	00	1947	01	00	00
Stornoway	16.1	+0.3	09.8	-0.2	21.5	12	04.7	04	00	00	05	13.8	16	190	141	1880	262	1899	075	1942	17	15	24	057	069	1943	146	1962	13	1947	00	00	00
Aldergrove	18.7	+0.7	10.4	-0.1	23.7	11	04.3	06	01	00	03	14.6	05	206	150	1927	276	1976	082	1942	17	16	24	084	093	1927	161	1956	09	1947	02	00	00

~~Highest lowest~~
(a) 28, 29

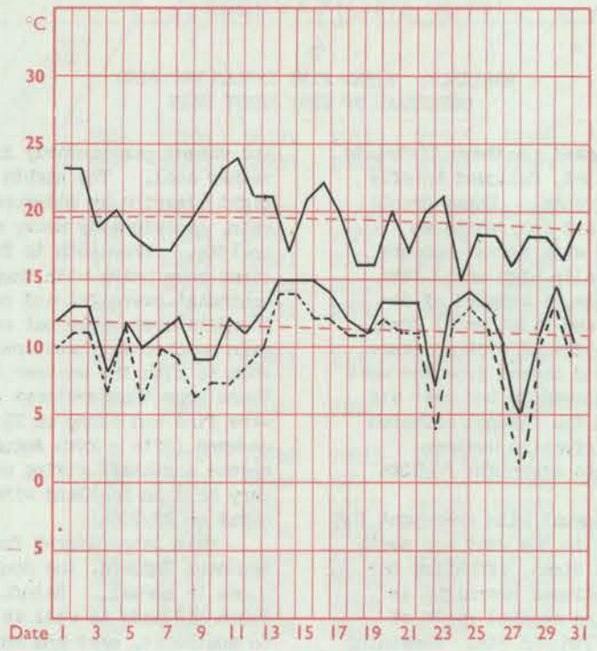
(a) 07, 08

* New highest
(a) 1947, 1976

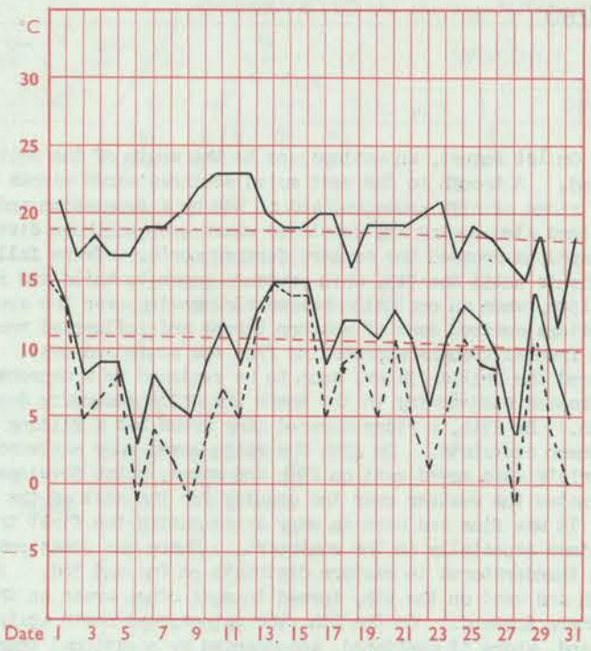
LONDON (Kew)



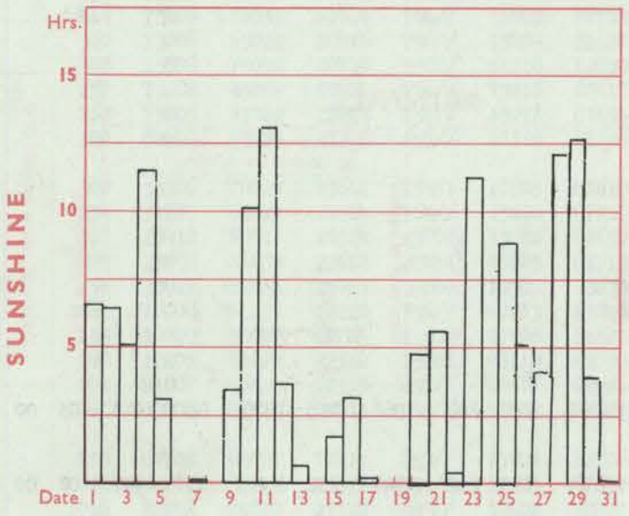
MANCHESTER (Ringway)



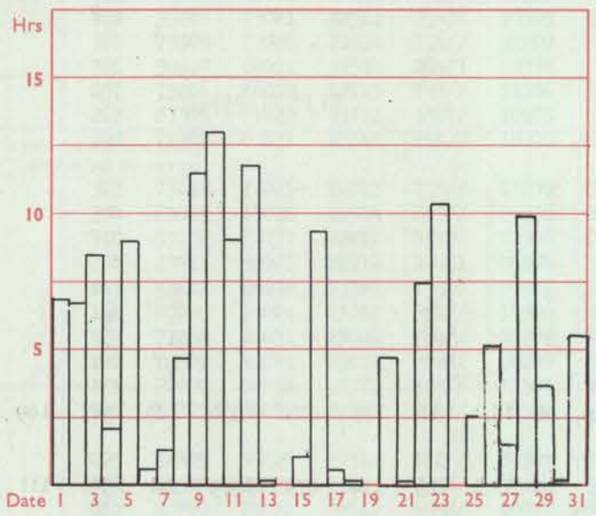
GLASGOW (Abbotsinch)



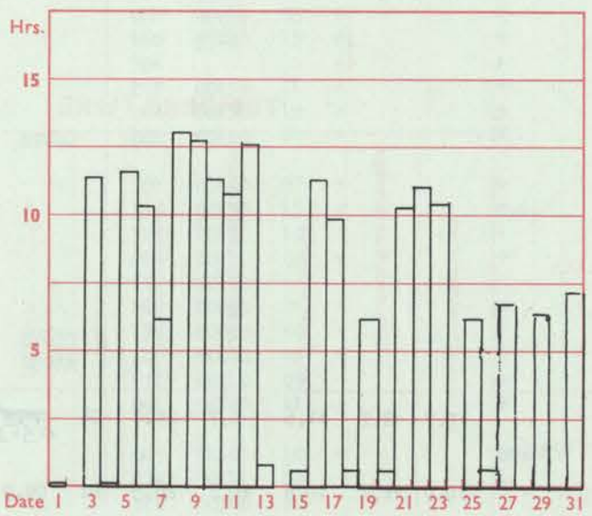
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)
Normals for Kew are based on North Wall readings and may not be absolutely comparable with the daily values plotted above which are obtained from psychrometer measurements.



Total for month 138 30-year (1941-1970) average 183 hrs.

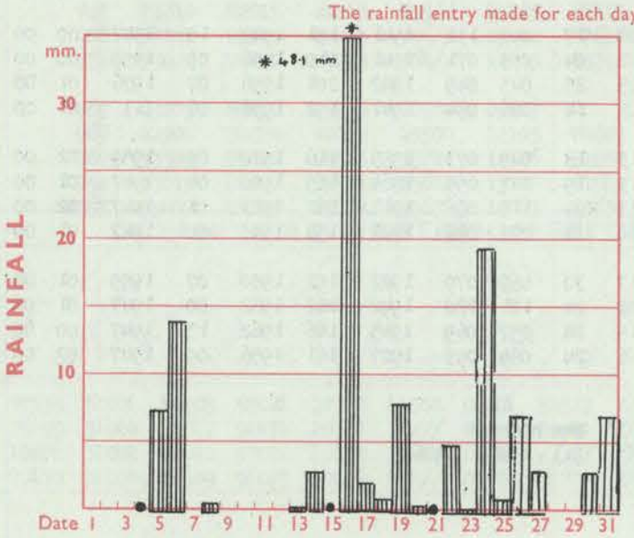


Total for month 148 30-year (1941-1970) average 152 hrs.

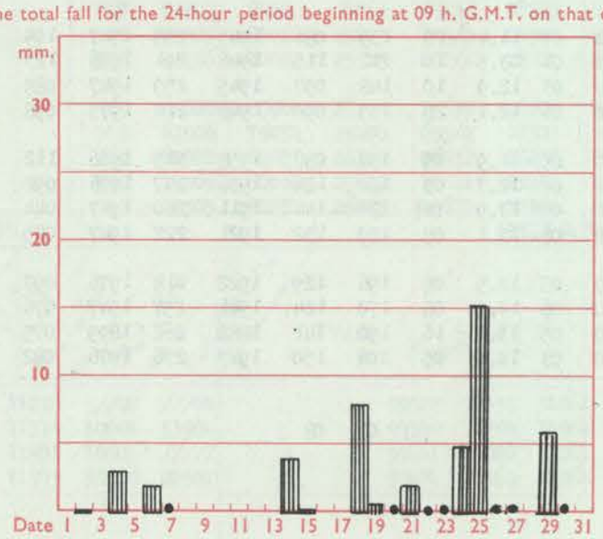


Total for month 189 30-year (1941-1970) average 143 hrs.

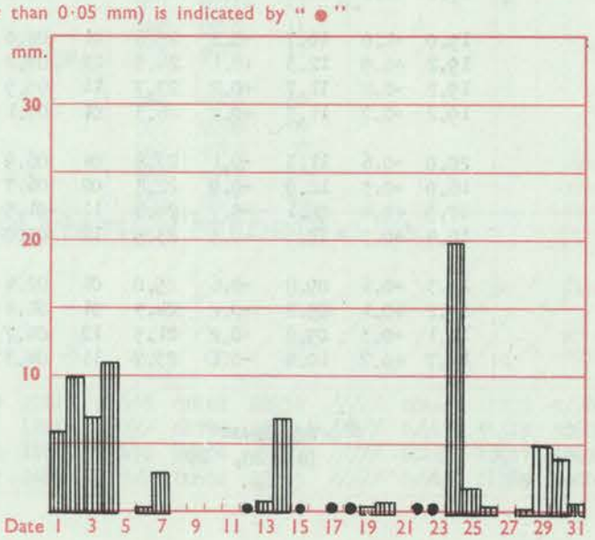
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 127 30-year (1941-1970) average 63 mm.



Total for month 45 30-year (1941-1970) average 91 mm.



Total for month 78 30-year (1941-1970) average 89 mm.

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

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 10c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42256

Date of Issue MONDAY 1 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 31 JULY 1977

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	63508	63022	22619	625//	12106	86820		
Hurn	862	63610	59051	22721	62600	12206	86835		
Manston	797	70218	80031	21417	784//	11209	81814	87645	
Gatwick	776	70209	81021	22318	786//	10211	83832	85650	
Kew	775	30309	80021	22719	38601	11107	83830		
Heathrow	772	63610	80021	22719	686/1	11108	85830		
Honington	586	73614	82021	22018	61632	08106	86830		
Wattisham	590								
Gorleston	497	73525	66021	21615	755//	10208	87625		
Aberporth	502	83411	75032	25614	885//	10207	83820	88628	
Filton	628	70507	65011	23918	784//	13206	82818	87645	
Rhoose	715	22106	70011	23919	21401	13107	82816		
Hartland Point	703	53617	85031	24715	12631	11107	81830	85075	
Mount Batten	827	73406	73031	23520	785//	12104	81828	87640	
St. Mawgan	817	53615	82021	25017	58401	10209	81815	85620	
Scilly	804	50404	66021	26818	42570	14214	84828	83360	
Culdrose	809	33617	75010	24816	21501	11207	82825		
Guernsey	894	53607	62031	23317	46302	14111	81707	84708	
Elmdon	534	73106	66025	23718	785//	11006	83824	87636	
Cardington	559	70307	75022	23417	785//	10107	85825	86645	
Wittering	462	80206	84022	23716	885//	10107	85823	88640	
Watnall	354	73505	81012	23417	785/1	11103	82825	87635	
Shawbury	414	73406	73011	24017	785//	13105	83823	86640	
Finningley	360	73407	82022	23317	785//	10103	84827	87640	
Spurn Point	396	43514	80011	23916	21541	09111	82825	84075	
Leeming	257	63505	86012	23518	58601	11001	83835	83656	
Tynemouth	262	60906	81012	23915	656//	12103	86640		
Carlisle	222	42807	75011	23120	32501	11102	83828		
Valley	302	53315	81012	25616	31402	10106	83817	83075	
Ringway	334	62708	65016	24017	38531	12105	83820	83360	
Squires Gate	318	72909	75031	24417	684/2	13209	85817		
Ronaldsway	204	23214	83011	24716	18502	09107	81822		
Mull of Galloway	131	73517	82031	24717	785//	11207	81827	87650	
Eskdalemuir	162	62909	81012	23018	58501	11104	83827		
Prestwick	135	73114	84031	24418	785/2	10202	81825	86650	
Abbotsinch	140	72910	84021	23418	756//	09802	81635	87650	
Leuchars	171	72608	84022	22019	38532	09708	82826	85362	
Dyce	091	73006	86032	21518	1865/	09708	81830	87360	
Lerwick	005	82411	82255	19212	884//	10703	81710	88628	
Wick	075	70000	82022	20716	7857/	10708	82822	86635	
Sule Skerry	010	82318	74022	20113	855//	10607	88625		
Cape Wrath	049	82317	74808	20312	855//	11706	88620		
Stornoway	026	71916	80016	20815	754//	12709	83616	87632	
Benbecula	022	82112	25505	22014	862//	14706	84703	85705	88707
Tiree	100	82112	50512	24314	852//	14802	82703	86710	88618
Aldergrove	917	73007	82021	25417	1153/	11000	81820	87358	
Malin	980	72312	82022	24917	764//	14601	84711	87657	
Belmullet	976	82206	40586	26116	861//	15000	83702	88714	
Birr	965	63408	82024	26119	685//	13805	83824	84640	
Dublin	969	13311	86011	25619	15632	11702	81635		
Shannon	962	73205	82032	26619	764//	15705	86716	85622	
Roches Point	952	20802	80030	26220	28401	13201	81819		
Valentia	953	53308	86011	27319	48502	16204	81821	84630	

OBSERVATIONS at 18h. 31 JULY 1977

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	63406	62031	23020	58602	11205	82830	84650	85075
Hurn	862	40207	59021	23021	38601	11003	81835		
Manston	797	50212	80012	22816	48632	10210	81830	84650	
Gatwick	776	70207	80022	23119	68601	10206	81845	86650	
Kew	775	30307	75011	23319	28601	10204	82835		
Heathrow	772	33605	70011	23120	18602	11101	81835		
Honington	586	13509	86011	23017	11632	07206	81840		
Wattisham	590								
Gorleston	497	43614	66011	23115	32501	10210	83820	84075	
Aberporth	502	13508	80021	25814	11501	11400	81820		
Filton	628	23009	70011	23721	24600	13302	82830		
Rhoose	715	22510	80020	23719	28601	14301	81830		
Hartland Point	703	23412	84020	25415	20930	12103	82360		
Mount Batten	827	23410	81011	24319	18531	12309	81828		
St. Mawgan	817	23412	82021	25515	25401	11102	82616		
Scilly	804	53505	80021	26818	48502	14302	83823		
Culdrose	809	13613	75020	25415	18532	11203	81820		
Guernsey	894	13306	60021	24217	00902	14205	81075		
Elmdon	534	23206	68011	23619	22500	10202	82825		
Cardington	559	30803	73011	23418	25702	11302	82650		
Wittering	462	10706	82021	23617	18600	10204	81835		
Watnall	354	23106	62021	23019	21600	12601	82830		
Shawbury	414	13608	81021	24118	12600	13206	81830		
Finningley	360	50202	80031	22321	52600	12604	85840		
Spurn Point	396	20605	80021	23915	10931	10400	81360		
Leeming	257	73209	84021	22322	1573/	12301	81650	87360	
Tynemouth	262	71408	81021	23014	3563/	12500	83630	87358	
Carlisle	222	62608	82031	22819	55731	12301	85650		
Valley	302	23205	81031	25617	15704	11501	81656		
Ringway	334	23010	68021	24118	28600	11103	81830		
Squires Gate	318	12808	75011	24817	18440	13302	81814		
Ronaldsway	204	72408	84021	24716	787/2	11002	81850	87657	
Mull of Galloway	131	73310	82022	24817	756//	12003	87630		
Eskdalemuir	162	72507	84032	22619	5573/	11400	85650	86364	
Prestwick	135	72508	83031	24617	755//	13203	82622	86650	
Abbotsinch	140	72709	81022	23419	754//	14305	81717	86650	
Leuchars	171	73502	86022	21120	38672	13601	81835	83656	85362
Dyce	091	61604	86016	20618	15672	13707	81640	83362	85075
Lerwick	005	82115	30618	17512	872//	12711	84703	88710	
Wick	075	72611	86022	18819	48532	15708	81825	84645	85360
Sule Skerry	010	82328	57052	17714	864//	12709	88712		
Cape Wrath	049	92323	09478	18613	9////	13706	89/00		
Stornoway	026	72217	82031	19916	2563/	14801	82630	86358	
Benbecula	022	92009	03475	21714	9////	14000	89/01		
Tiree	100	82513	11505	23915	860//	15500	88701		
Aldergrove	917	53203	80012	24919	45401	15501	82614	83622	
Malin	980	72414	56506	24816	762//	16400	86704	86711	
Belmullet	976	72209	59106	26217	763//	16500	84707	83716	86638
Birr	965	83007	64586	26219	864//	17301	87711	88634	
Dublin	969	71404	86021	25218	4153/	12500	84828	87360	
Shannon	962	63307	84012	26520	28502	16702	82822	85070	
Roches Point	952	41203	80031	25917	21502	15703	82823	83074	
Valentia	953	62804	84032	26819	28504	16803	81821	85068	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00220	056	+	+
Hurn	862	00220	067	+	+
Manston	797	00180	090	+	+
Gatwick	776	00210	083	+	+
Kew	775	00210	105	+	+
Heathrow	772	00210	085	+	+
Honington	586	00200	128	+	+
Wattisham	590				
Gorleston	497		083		
Aberporth	502	00150	062	+	+
Filton	628	00220	071	+	+
Rhoose	715	00210	108	+	+
Hartland Point	703	00160	137		
Mount Batten	827	00220	110	+	+
St. Mawgan	817	00180	130	+	+
Scilly	804	00190	132	+	+
Culdrose	809	00170	147	+	+
Guernsey	894	00180	120	+	+
Elmdon	534	00200	048	+	+
Cardington	559	00200	049	+	+
Wittering	462	00190	039	+	+
Watnall	354	00210	033	+	+
Shawbury	414	00200	064	+	+
Finningley	360	00220	057	+	+
Spurn Point	396			+	+
Leeming	257	00220	060	+	+
Tynemouth	262	00150	071	+	+
Carlisle	222	00210	079	+	+
Valley	302	00170	106	+	+
Ringway	334	97190	060	d$_o$	+
Squires Gate	318	00180	090	+	+
Ronaldsway	204	00190	106	+	+
Mull of Galloway	131	00180			
Eskdalemuir	162	00210	051	+	+
Prestwick	135	00180	046	+	+
Abbotsinch	140	00200	048	+	+
Leuchars	171	00240	074	+	+
Dyce	091	97190	045	+	r$_o$
Lerwick	005	02132	000	pr$_o$	r$_o$r$_o$
Wick	075	00191	001	+	+
Sule Skerry	010	00140			
Cape Wrath	049	97131	000	pr$_o$	pr$_o$ffFF
Stornoway	026	95181	038	d$_o$d$_o$r$_o$	+
Benbecula	022	97151	000	id$_o$	id$_o$ff
Tiree	100	97161	000	d$_o$d$_o$jf	d$_o$d$_o$fid$_o$
Aldergrove	917	00200	045	+	+
Malin	980	9217	002		
Belmullet	976	9719	001		
Birr	965	9720	058		
Dublin	969	0022	056		
Shannon	962	9722	039		
Roches Point	952	0021	130		
Valentia	953	0021	064		

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

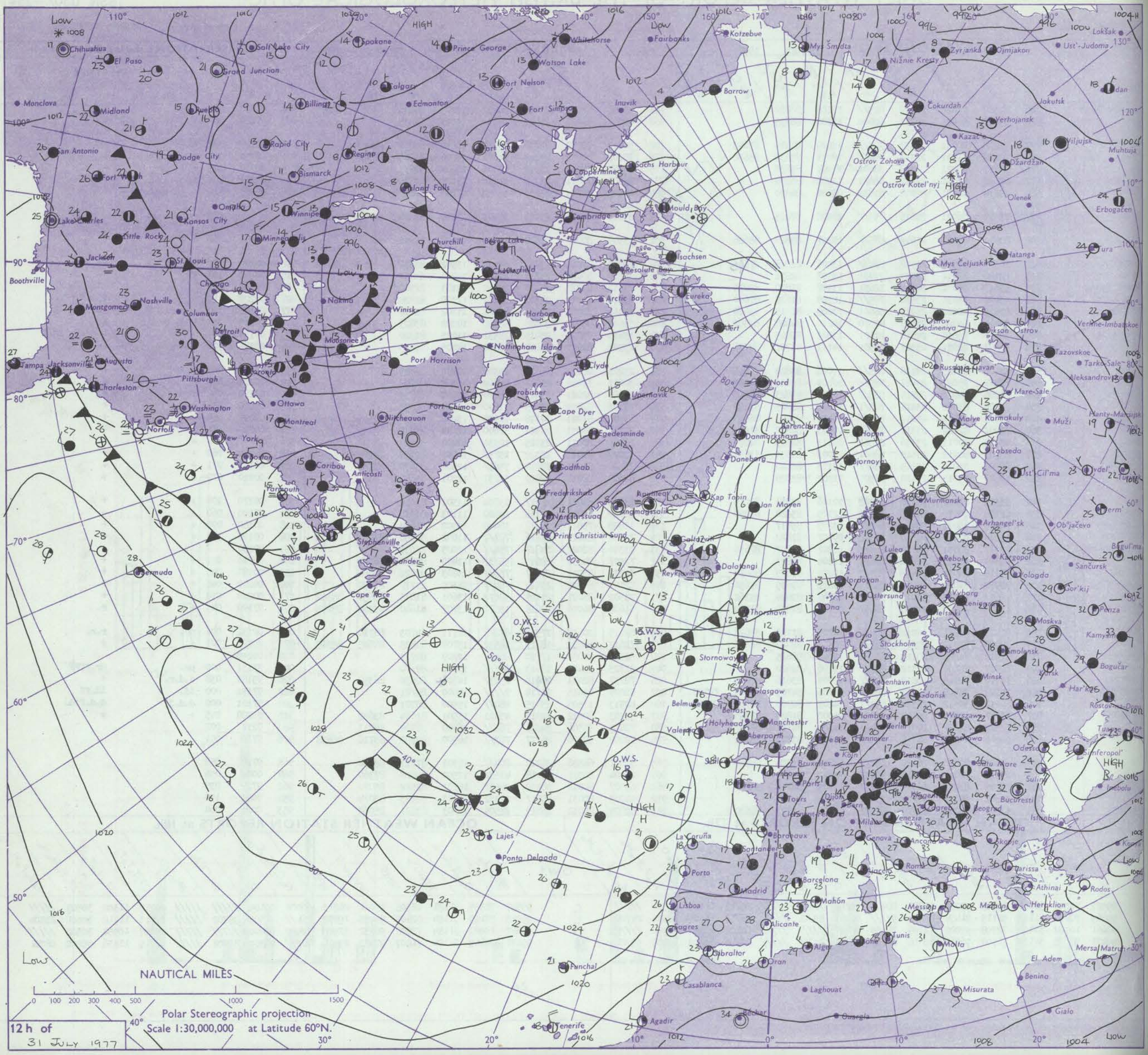
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31121	62808	98031	25213	00902	00218	/////	/////	00112	11325	30503	/////
L	99569	70200	31124	92115	91474	19413	9////	00203	89/01	/////	0//13	11303	30504	24704
M	99661	10027	31124	72708	97022	12709	78400	00207	/////	/////	00107	10947	30402	/////
R	99471	70170	31124	51507	96012	30616	46230	00103	84705	/////	0//16	11809	30000	99/01

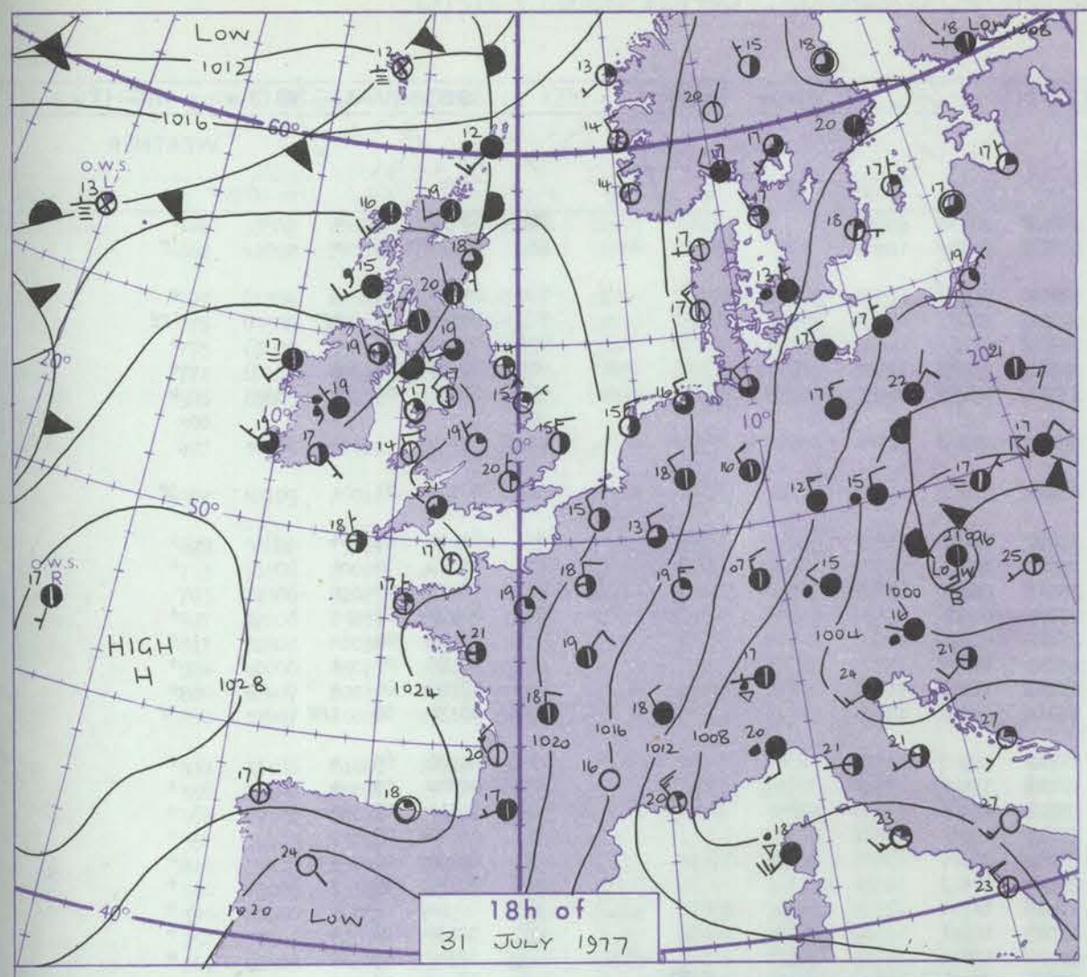
OCEAN WEATHER STATION REPORTS at 18h.

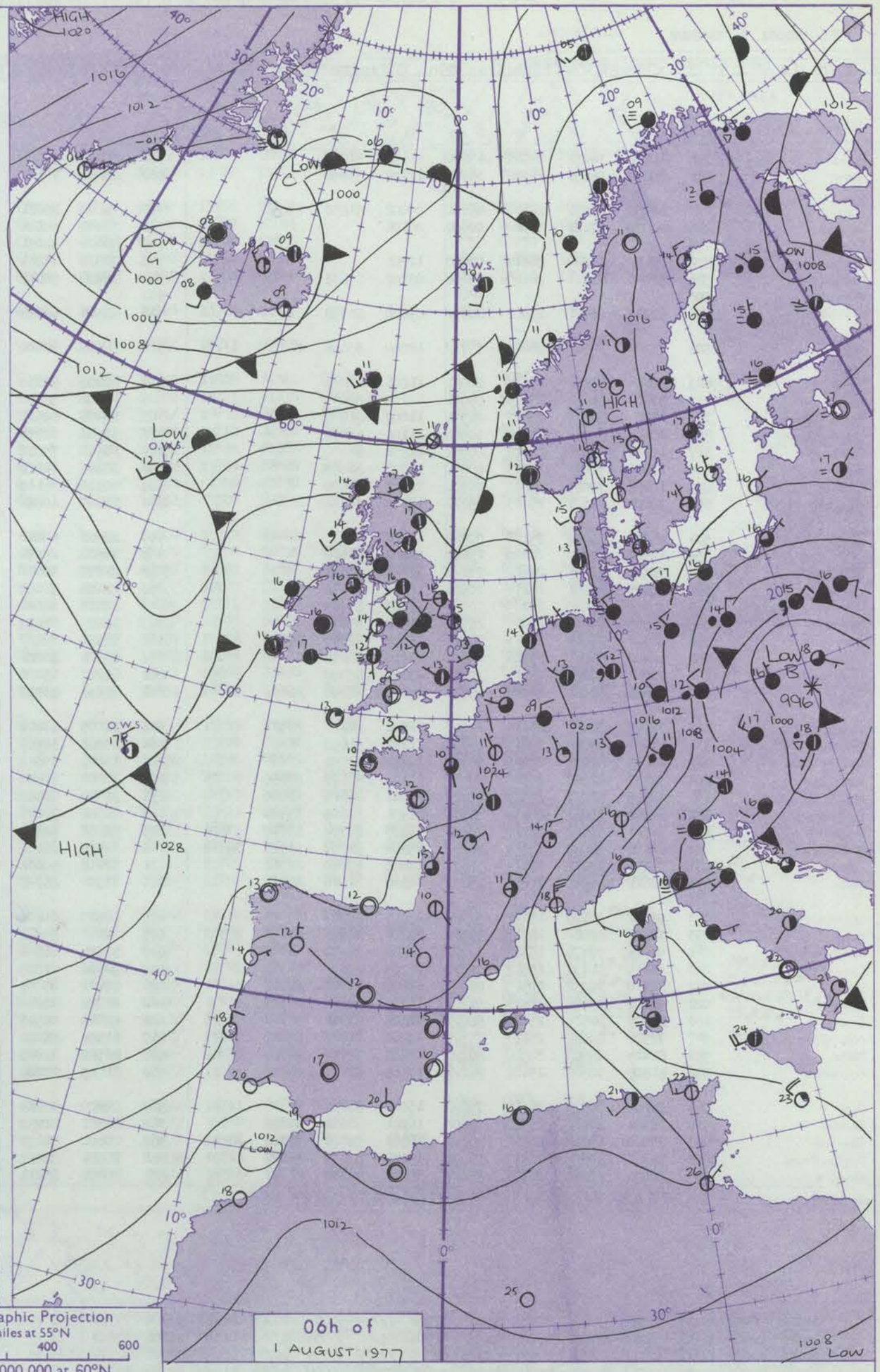
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31181	42508	98021	26813	00902	00109	/////	/////	00212	11308	30503	/////
L	99568	70199	31184	82607	93465	19212	861//	71505	88702	/////	0//13	11318	30301	23804
M	99662	10027	31184	72008	96252	12909	79400	00400	/////	/////	05007	10954	30302	/////
R	99471	70169	31184	71807	97022	29916	763//	00804	87708	/////	0//15	11836	30000	06701

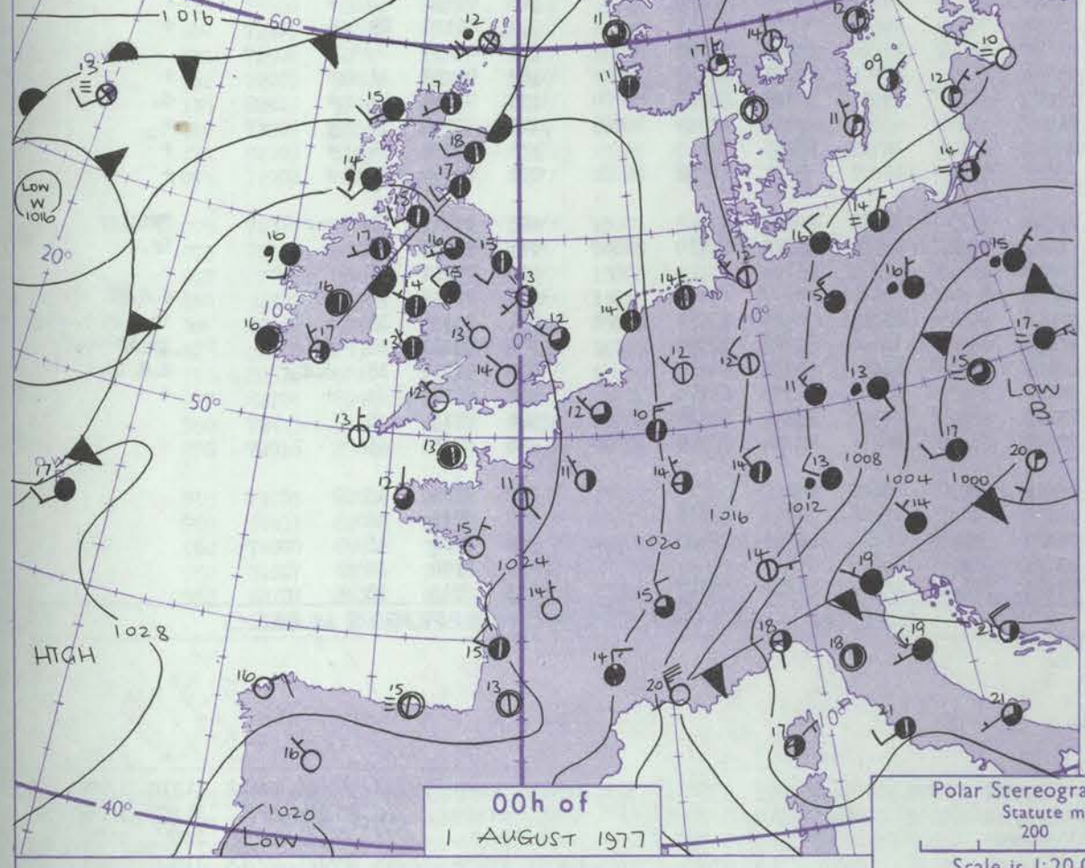
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

06h of
1 AUGUST 1977

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 1 AUGUST 1977

During the past 24 hours the ridge of high pressure from the Azores anticyclone to northern Scotland weakened as a weak warm front moved across northern Britain. Pressure remained low over central Europe and to the north of Iceland. During the next 24 hours the ridge of high pressure extending northeast from the Azores will drift slowly southward, as frontal troughs move eastwards over the northwest of the British Isles.

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

Code FM 11.V **OBSERVATIONS at 00h.** 1 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_a pp$	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
Boscombe Down	746	12902	56051	24913	15600	11105	81630		
Hurn	862	30000	56050	24912	35700	11208	83650		
Manston	797	42602	82031	24111	48601	09002	81830	84650	
Gatwick	776	00000	57101	25010	00900	09106			
Kew	775								
Heathrow	772	03102	56020	24614	00900	12204			
Honington	586	50000	80011	24010	55600	08002	85633		
Wattisham	590								
Gorleston	497	62907	66021	23912	6093/	09400	86358		
Aberporth	502	73207	80031	26413	5573/	12000	85656	86358	
Filton	628	20406	60020	25414	00901	11206	82078		
Rhoose	715	33102	81030	25213	00901	12205	83075		
Hartland Point	703	13604	85020	25813	00901	11002	81075		
Mount Batten	827	10106	70030	25514	00901	11101	81075		
St. Mawgan	817	10106	75020	26012	00901	11801	81070		
Scilly	804	13603	71031	27013	00901	11002	81080		
Culdrose	809	10108	70020	25812	00901	10802	81070		
Guernsey	894	70000	65021	25413	657/2	12104	86650		
Elmdon	534	03206	65020	25113	00900	11103			
Cardington	559	12902	62020	24609	15600	09002	81640		
Wittering	462	72403	82031	24412	756//	10801	87638		
Watnall	354	12805	56051	24214	00901	12000	81081		
Shawbury	414	32702	68030	25409	00901	08003	83075		
Finningley	360	22805	62011	23414	25702	11802	82650		
Spurn Point	396	42307	75011	23913	20971	11804	82360	84075	
Leeming	257	62402	82011	23316	65700	12000	86650		
Tynemouth	262	32612	80021	23016	30930	13603	83359		
Carlisle	222	62606	80022	24016	1573/	14003	81650	86360	
Valley	302	72903	70031	26114	2554/	11801	82620	87365	
Ringway	334	11902	65020	25613	15700	11202	81650		
Squires Gate	318	82909	65031	24815	863//	14804	88708		
Ronaldsway	204	72807	82022	25314	755//	11102	82620	87650	
Mull of Galloway	131	82705	82032	25314	6542/	12701	86615	88460	
Eskdalemuir	162	60000	81031	24014	35630	12801	83640	85364	
Prestwick	135	72511	65022	24515	752//	14703	83704	85710	87624
Abbotsinch	140	82406	68022	23916	863//	15801	81707	83708	88712
Leuchars	171	72410	82032	22217	3567/	14006	83640	86362	
Dyce	091	72611	86021	20218	1567/	14804	81640	87361	
Lerwick	005	92522	01616	15412	9////	12707	89/00		
Wick	075	72507	82021	18817	3553/	14801	81628	83656	87358
Sule Skerry	010	92316	07475	18313	9////	12801	89/00		
Cape Wrath	049	92319	01454	19012	9////	12203	89///		
Stornoway	026	82310	70032	19915	863//	14602	83706	88712	
Benbecula	022	92110	05474	21413	9////	13707	89/01		
Tiree	100	82109	04515	23414	860//	14805	88701		
Aldergrove	917	72506	80021	25417	753//	15801	81707	83712	87617
Malin	980	82414	68505	24516	862//	15803	82703	84709	86712
Belmullet	976	81808	30505	25416	862//	15809	86704	88708	
Birr	965	70000	70026	26316	756//	15000	87634		
Dublin	969	32904	80011	25917	15602	16001	81630	83070	
Shannon	962	80000	65022	26616	862//	16803	83704	85706	87640
Roches Point	952	53307	80031	26717	35602	15001	83638	84074	
Valentia	953	80000	82032	26616	856//	15804	88630		

OBSERVATIONS at 06h. 1 AUGUST 1977

iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_a pp$	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
746	00000	56050	25010	00900	09501			
862	03102	25101	24710	00900	10503			
797	73102	80021	23712	755//	11302	87620		
776	72402	50104	24211	756//	11705	87645		
775	80000	42051	24314	856//	11602	88635		
772	72903	45051	24313	756//	12301	87635		
586	72706	80012	23313	756//	09502	87630		
590								
497	82505	66022	23213	857//	10704	88650		
502	71706	58401	25412	55002	11706	81701	85640	86075
628	10000	68030	25412	16401	10202	81710		
715	10602	58100	25310	00901	09500	81075		
703	33604	69021	25013	10941	12601	81360	83075	
827	30902	62051	25111	00901	09500	83075		
817	10801	75020	25111	00901	11503	81075		
804	20000	71020	25713	12401	12707	81818		
809	30303	75100	25311	11504	10502	81820	83070	
894	12405	60284	24813	00902	13604	81075		
534	22902	60041	24712	20930	11501	82360		
559	72906	45051	24413	756//	12500	87635		
462	22707	50041	23613	25601	11603	82640		
354	12404	56051	23813	10931	11400	81360		
414	82802	66041	24714	853//	13603	86709	88620	
360	12403	64020	23014	10942	12501	81360		
396	32811	60051	23015	10931	12504	81360	83075	
257	61802	86021	23015	48641	12602	81830	84656	
262	62712	69021	22316	15656	15704	81630	83358	86075
222	72406	83032	23416	754//	14605	83712	87625	
302	32105	80011	24914	25431	13606	82615		
334	82002	30515	24514	872//	13604	83703	88704	
318	83007	75022	24516	863//	15301	88707		
204	70000	65032	24315	763//	14604	81706	87711	
131	82708	70022	24114	855//	13706	82620	88630	
162	41902	70011	23115	26432	13504	82712		
135	82308	62022	23215	861//	15605	82702	84703	86704
140	72405	65022	22717	754//	15604	82710	85714	87618
171	72410	80032	20916	65671	14705	86645		
091	71702	86022	19517	6567/	14002	83645	85656	86358
005	92519	01456	15511	9////	11801	89/00		
075	72507	81022	18617	5557/	15500	82620	85630	87360
010	82314	16284	18012	863//	12303	88708		
049	92316	01515	18312	9////	12601	89///		
026	82010	68206	19414	852//	13704	83705	85711	88618
022	82008	15214	20213	861//	13606	86702	88704	
100	82310	03515	22114	860//	14707	88701		
917	62306	66022	24116	56331	15705	81709	84714	
980	82510	72025	23216	864//	15507	83712	85716	87636
976	71909	70206	23616	763//	16611	83706	85713	87636
965	80000	30284	24916	863//	15607	88709		
969	72702	40284	24715	764//	15504	85715	87630	
962	70000	50102	24716	752//	16611	82703	87635	
952	70901	75022	25317	756//	16606	87635		
953	70000	83015	24516	755//	15611	81720	87627	

OBSERVATIONS during NIGHT

iii	$RRT_n T_n E$	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00090	03	+	+
862	00090	05	+	jf
797	00090	05	+	+
776	00070	04	jf	jff
775	00080	02	+	+
772	00120	07	+	+
586	00100	05	+	+
590				
497				
502	00100	07	+	jf
628	00110	05	+	+
715	00090	06	+	+
703	00130	09		
827	00100	06	+	+
817	00110	04	+	+
804	00120	09	+	+
809	00100	06	+	+
894	00130	06	jfF	jf
534	00100	05	+	+
559	00070	03	+	+
462	00110	07	+	+
354	00120	09	+	+
414	00080	06	+	+
360	00130	10	+	+
396			+	+
257	00130	09	+	+
262	00140	13	+	+
222	00150	13	+	+
302	00140	11	+	+
334	97120	10	+	d$_o$d$_o$
318	00150	12	+	+
204	00120	09	+	+
131	00130			
162	00130	11	+	+
135	97140	14	+	d$_o$
140	00160	15	+	+
171	00150	14	+	+
091	00150	12	+	+
005	01111	11	r$_o$r$_o$FF	FFid$_o$ff
075	91151	13	+	ir$_o$
010	97111	12		
049	01112	12	FF	d$_o$d$_o$FF
026	03131	13	+	ir$_o$r$_o$r$_o$d$_o$
022	05131	13	ff	ir$_o$Rf
100	97131	13	d$_o$d$_o$f	d$_o$d$_o$id$_o$f
917	00150	14	+	+
980	9715	15		
976	9315	15		
965	9715	13		
969	9715	11		
962	9716	15		
952	9716	14		
953	9715	15		

Code FM 21.V **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	$N_h C_L h C_M C_H$	$D_s v_s pp$	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$0T_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	01001	82611	98021	27213	65402	00002	/////	/////	00012	11323	3//04	/////
L	99569	70201	01004	92210	90476	18413	9////	51504	89/01	/////	0//13	11321	30202	32803
M	99662	10027	01004	62110	97018	11909	29460	00710	/////	/////	00009	10956	30302	/////
R	99472	70168	01004	82112	96022	29117	862//	00806	88703	/////	0//17	11822	30000	06701

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	$N_h C_L h C_M C_H$	$D_s v_s pp$	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$0T_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	01061	62609	98012	27513	00904	00400	/////	/////	00112	11270	3//04	/////
L	99569	70202	01064	62510	98024	16812	35431	11509	81710	83656	0//11	11354	30201	32803
M	99662	10029	01064	71910	97258	10709	59460	00704	/////	/////	00008	10957	30302	/////
R	99472	70166	01064	43215	97011	27017	48500	00606	82820	83640	0//15	11810	30402	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42257

Date of Issue TUESDAY 2 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 1 AUGUST 1977

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	33502	75020	23723	21601	12805	82835		
Hurn	862	42002	77030	24223	21601	12706	82838	83075	
Manston	797	81304	62022	23817	855//	12000	88625		
Gatwick	776	63506	65031	23723	616/1	12705	86840		
Kew	775	63605	65031	23823	616/1	12807	86840		
Heathrow	772	60103	68031	23624	58601	13707	84832		
Honington	586	63605	78011	23023	48632	13703	82832	83656	
Wattisham	590								
Gorleston	497	30000	60011	23717	20971	13801	82360		
Aberporth	502	50105	76012	24816	00902	13801	85075		
Filton	628	52602	75011	24422	11532	13807	81825	85074	
Rhoose	715	51506	80021	24620	11532	13704	81820	84075	
Hartland Point	703	72506	82021	24917	11541	14802	81820	86360	87075
Mount Batten	827	52206	65031	25018	11502	13001	81822	84072	
St. Mawgan	817	32807	80030	24520	12502	13802	81825		
Scilly	804	40000	65021	25518	28502	14802	81823	84075	
Culdrose	809	62407	80031	24918	11602	13802	81830	86070	
Guernsey	894	12907	66020	25119	11502	13000	81825		
Elmdon	534	13106	61041	24221	11502	14805	81825		
Cardington	559	73102	65031	23724	716//	14605	87835		
Wittering	462	60102	80031	23523	586/1	13804	82840	84645	
Watnall	354	32405	75030	23125	21631	14706	82840		
Shawbury	414	53205	63042	24220	58400	16805	84815	84618	
Finningley	360	23006	75020	22525	12631	15708	81835		
Spurn Point	396	40000	60051	23721	12571	14803	81825	83360	
Leeming	257	33302	86011	22425	22651	14807	82836	83075	
Tynemouth	262	62508	80022	22523	12609	17804	81830	86075	
Carlisle	222	72610	75022	23020	784//	17806	81815	84820	87635
Valley	302	82207	61021	25117	855//	14703	88620		
Ringway	334	73404	59015	24219	754//	15807	81710	87615	
Squires Gate	318	73106	68012	24420	754//	15804	87612		
Ronaldsway	204	72109	61012	23918	754//	15705	87619		
Mull of Galloway	131	72506	60012	23919	785//	16805	81825	87630	
Eskdalemuir	162	72009	80021	22022	785//	17806	85824	85640	
Prestwick	135	82410	57025	23317	852//	16705	85703	86708	88615
Abbotsinch	140	72209	65152	22519	6843/	17806	82710	86712	
Leuchars	171	42109	81011	20625	22571	15706	82828	83360	
Dyce	091	72902	86216	19923	18572	14801	81825	85359	
Lerwick	005	72513	62204	17113	760//	13105	81700	84703	87705
Wick	075	72710	82026	18422	4853/	16803	81820	83645	87360
Sule Skerry	010	82518	48604	17813	874//	13802	88710		
Cape Wrath	049	92322	01505	17413	9////	13811	89/00		
Stornoway	026	82116	59216	18515	7522/	15508	83705	87612	88458
Benbecula	022	82113	23506	19414	860//	14706	82701	88702	
Tiree	100	82316	50105	21616	860//	15606	81701	86703	88707
Aldergrove	917	82704	80502	23520	5547/	16707	81716	85628	87362
Malin	980	72413	84015	22520	68432	16708	81818	85640	
Belmullet	976	72016	83012	22920	784//	16708	82718	86640	
Birr	965	71903	80022	23521	785//	15715	85824	87636	
Dublin	969	61411	82032	23522	485/2	15711	83826	83168	
Shannon	962	70000	84022	23421	785//	17711	83824	87640	
Roches Point	952	31307	62011	24219	18509	16807	81822	83174	
Valentia	953	62707	86012	23820	68500	17807	82826	85640	

OBSERVATIONS at 18h. 1 AUGUST 1977

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	62504	75021	22023	686//	14807	85840	83656	
Hurn	862	42206	62011	22721	10932	13707	81366	84075	
Manston	797	11509	70021	22717	15702	13606	81656		
Gatwick	776	11802	64011	22023	18600	14609	81845		
Kew	775	40000	80021	21924	48600	14709	83840		
Heathrow	772	33305	68031	21726	38600	14710	83840		
Honington	586	40505	80031	21524	48602	13708	83840		
Wattisham	590								
Gorleston	497	11609	66020	22618	10910	13707	81460		
Aberporth	502	70502	72021	22918	7093/	14813	87360		
Filton	628	52807	80031	22322	10932	11809	81362	85075	
Rhoose	715	62606	62021	22521	11602	14711	81830	86075	
Hartland Point	703	70000	78052	23417	3563/	10710	83635	87360	
Mount Batten	827	32205	65051	23218	10932	14710	81360	83075	
St. Mawgan	817	21806	80020	23020	10932	12710	81360		
Scilly	804	40000	65030	23617	48500	13710	82820	83625	
Culdrose	809	21506	62051	23018	11602	14708	81830		
Guernsey	894	30206	65020	23718	10932	13709	81362	83075	
Elmdon	534	22003	68010	21622	24600	15712	81845		
Cardington	559	60000	65031	21824	686/1	15709	82835	86645	
Wittering	462	62705	68031	21525	4863/	14609	82840	83650	85359
Watnall	354	72507	70251	21423	786//	16709	84830	87650	
Shawbury	414	10406	66011	21523	11601	15811	81830		
Finningley	360	70805	70251	21022	786//	18705	84835	87650	
Spurn Point	396	61207	58051	22119	50931	15709	85360	86075	
Leeming	257	33012	82011	21125	19602	16604	81930	83075	
Tynemouth	262	43502	80021	21519	33631	15606	83930		
Carlisle	222	62607	80021	21720	28551	16605	81822	85358	
Valley	302	72305	60401	22618	1103/	15713	81700	87359	
Ringway	334	13009	62021	22321	12601	15810	81830		
Squires Gate	318	12805	75011	22619	18432	16814	81815		
Ronaldsway	204	32005	62021	22517	18433	15710	81818	83075	
Mull of Galloway	131	72311	81022	22316	18531	14710	81825	86360	
Eskdalemuir	162	71808	65808	21419	785//	17611	85823	83650	
Prestwick	135	72608	64026	21618	782//	16712	82705	84645	86656
Abbotsinch	140	72606	82026	21319	7847/	16710	81715	84820	86650
Leuchars	171	62414	86021	19622	55631	15705	83640	84656	
Dyce	091	73502	70808	18320	5848/	18706	81715	84650	87357
Lerwick	005	82219	68535	15313	870//	13714	85700	88702	
Wick	075	72305	82258	17019	6853/	16708	82820	85650	86360
Sule Skerry	010	82316	48056	15913	864//	13709	88710		
Cape Wrath	049	92326	01595	16213	9////	13303	89/00		
Stornoway	026	82109	62616	16515	853//	14713	82706	83711	88616
Benbecula	022	82114	20216	17114	861//	14715	85702	88704	
Tiree	100	82216	59206	19715	7532/	15714	84708	87626	88459
Aldergrove	917	72706	82025	21719	784//	15610	81818	87635	
Malin	980	72507	86035	20719	784//	16714	83718	87640	
Belmullet	976	72215	84012	21018	6547/	15715	81718	86638	
Birr	965	71601	84022	21422	785//	16711	81824	87639	
Dublin	969	61109	75012	21818	685//	16710	81828	86650	
Shannon	962	73101	87808	21519	735//	18508	85825	81925	84635
Roches Point	952	11506	65011	22117	11532	15713	81825		
Valentia	953	73007	85031	22018	754//	16505	81714	87636	

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00250	121 +		+
Hurn	862	00240	133 +		+
Manston	797	00200	061 +		+
Gatwick	776	00250	066 +		+
Kew	775	00250	067 +		+
Heathrow	772	00260	072 +		+
Honington	586	00250	087 +		+
Wattisham	590				
Gorleston	497		080		
Aberporth	502	00180	105 +		+
Filton	628	00250	135 +		+
Rhoose	715	00230	134 +		+
Hartland Point	703	00180	091		
Mount Batten	827	00190	133 +		+
St. Mawgan	817	00210	127 +		+
Scilly	804	00190	116 +		+
Culdrose	809	00200	136 +		+
Guernsey	894	00200	135 +		+
Elmdon	534	00260	106 +		+
Cardington	559	00260	079 +		+
Wittering	462	00260	107 +		+
Watnall	354	97260	101 +		pr.
Shawbury	414	00240	075 +		+
Finningley	360	03281	102 +		pr.prpR
Spurn Point	396		+		+
Leeming	257	00270	110 +		+
Tynemouth	262	00250	106 +		+
Carlisle	222	00230	048 +		+
Valley	302	00210	037 +		jf
Ringway	334	00230	069 +		+
Squires Gate	318	00200	022 +		+
Ronaldsway	204	00200	062 jf		+
Mull of Galloway	131	00200			
Eskdalemuir	162	01231	044 pr.		pr.
Prestwick	135	97200	005 +		ir.
Abbotsinch	140	97211	001 ir.		d.r.ir.
Leuchars	171	00250	071 +		jp
Dyce	091	93241	025 r.r.pr.		pr.r.
Lerwick	005	02142	002 1fid.ff		ffddrrd.d.
Wick	075	02221	014 pr.		pr.rr
Sule Skerry	010	03141			
Cape Wrath	049	03132	000 id.FF		FFid.drdr
Stornoway	026	06162	000 d.r.		r.r.d.r.ir
Benbecula	022	02151	000 d.fd.r.		d.r.drd.d.ir.
Tiree	100	95171	001 fid.d.r.		id.d.r.
Aldergrove	917	97220	008 d.		jp
Malin	980	9721	015		
Belmullet	976	0020	004		
Birr	965	0023	004		
Dublin	969	9723	044		
Shannon	962	0223	013		
Roches Point	952	0020	106		
Valentia	953	0022	065		

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

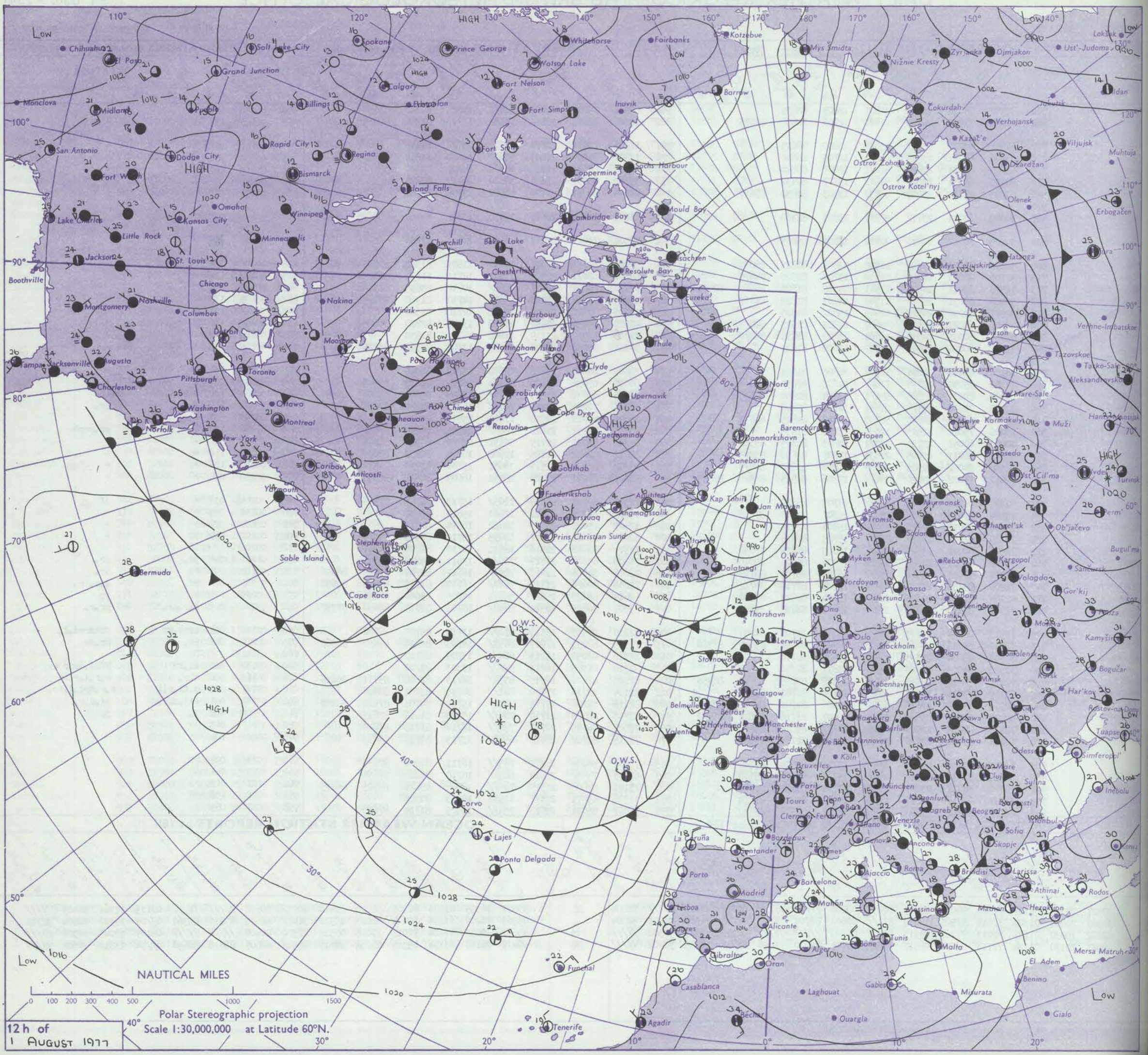
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01121	72608	98032	28613	60951	00208	/////	/////	00012	11313	3////	26804
L	99569	70200	01124	82616	97505	16612	872//	00802	88704	/////	0//12	11303	30403	32804
M	99662	10030	01124	82013	97168	09511	6946/	00703	/////	/////	00309	10972	30302	/////
R	99471	70170	01124	72713	98031	26817	785//	00706	82820	86650	0//14	11785	30402	/////

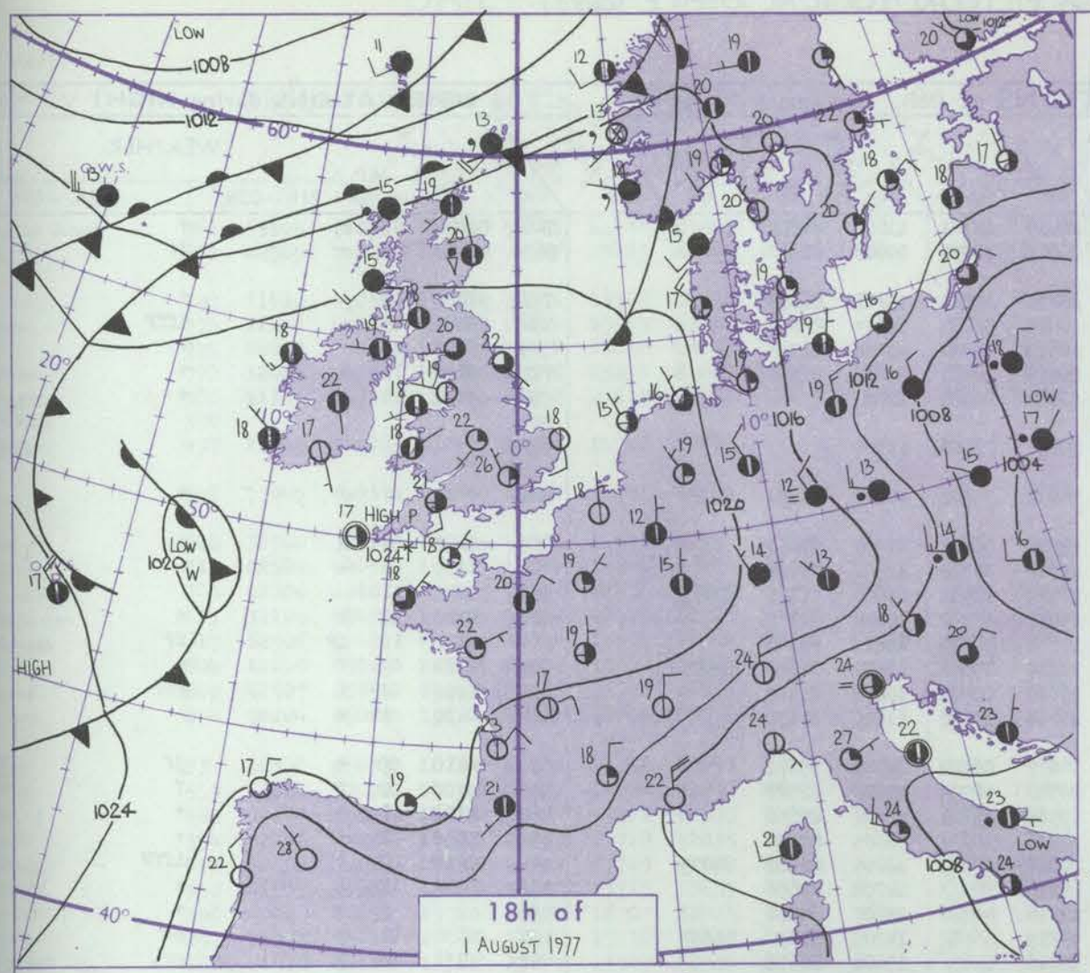
OCEAN WEATHER STATION REPORTS at 18h.

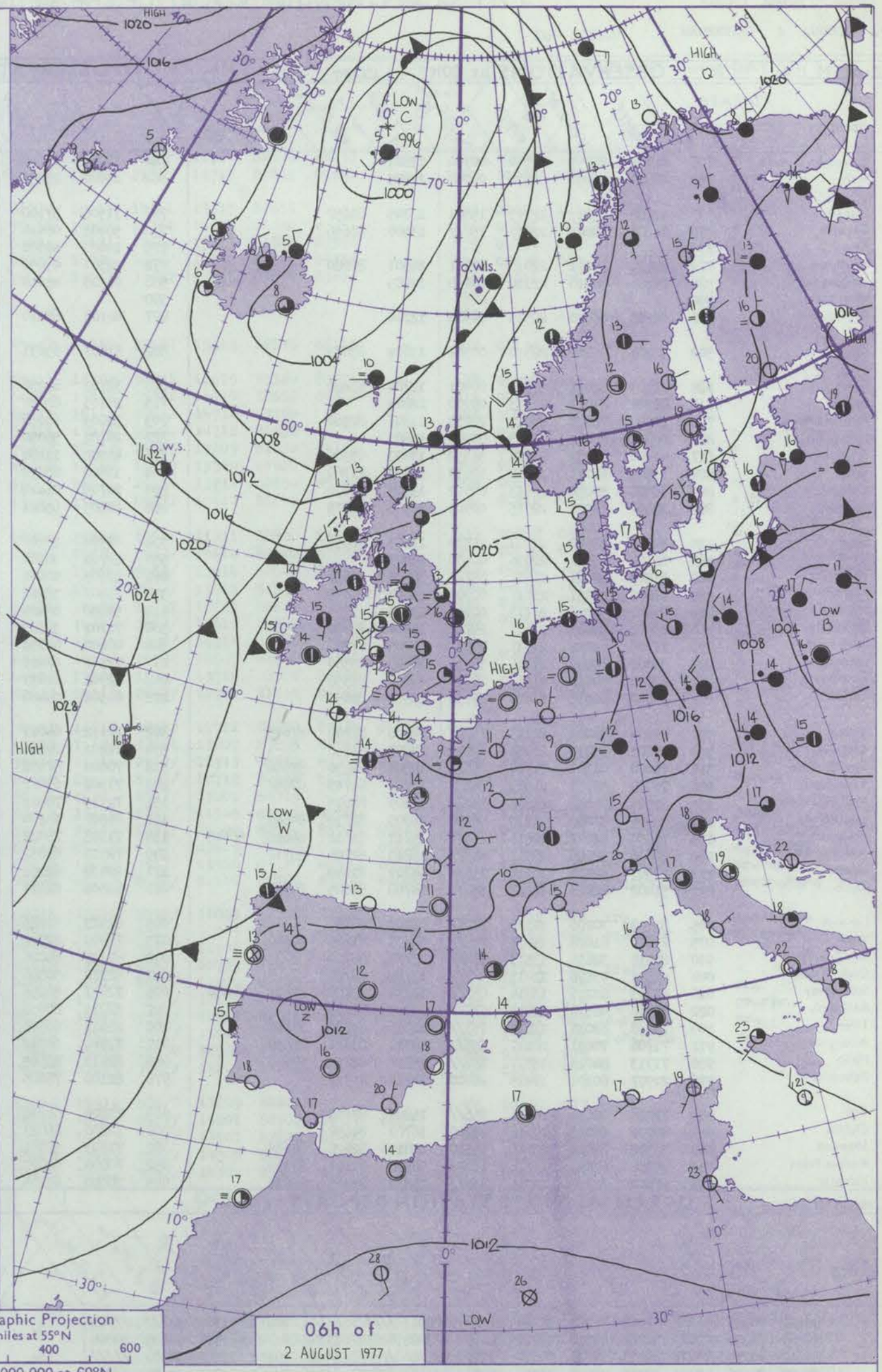
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01181	82209	98022	27914	8095/	00808	/////	/////	00113	11341	30403	/////
L	99569	70200	01184	82624	98025	15312	3147/	62605	83816	85361	0//09	11307	30604	32704
M	99662	10032	01184	72013	97028	09511	22570	00400	/////	/////	00109	11041	30302	/////
R	99471	70169	01184	73319	98038	24617	6854/	00608	81820	86650	0//14	11810	30604	/////

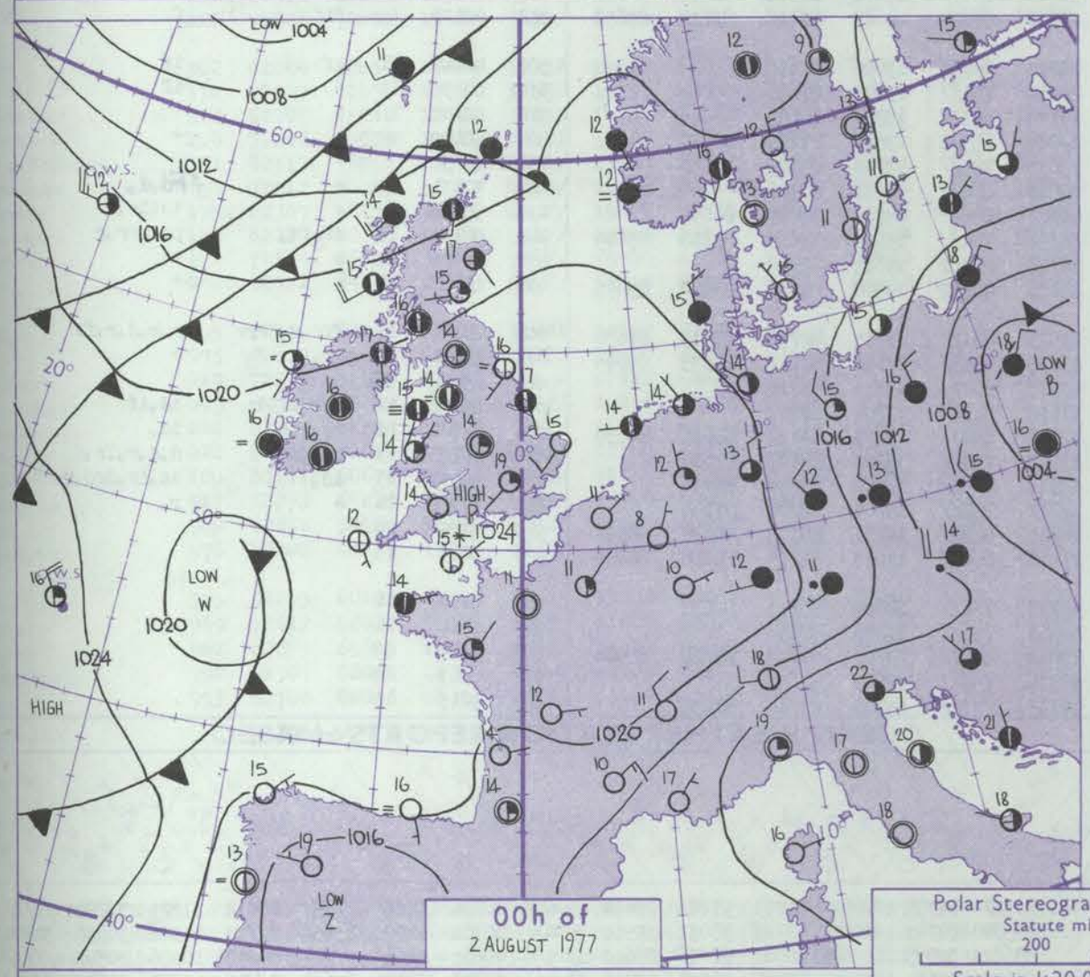
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 2 AUGUST 1977

During the past 24 hours pressure remained low to the north of the British Isles and high over southern districts of England whilst a weak frontal trough moved eastwards over northwest Scotland. During the next 24 hours pressure is expected to remain low to the north of the British Isles whilst a weak high cell over southwest England moves slowly east and the weak frontal trough over northwestern districts moves slowly southeast.

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

Code FM 11.V **OBSERVATIONS at 00h.** 2 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dappp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	02702	56051	22514	00900	12801			
Hurn	862	02801	56050	22514	00900	12805			
Manston	797	11702	65011	22713	15801	12705	81657		
Gatwick	776	71201	50041	22617	757//	13000	87656		
Kew	775								
Heathrow	772	22104	58011	22019	00901	14801	82080		
Honington	586	01404	56010	22114	00900	11805			
Wattisham	590								
Gorleston	497	02210	66020	22515	00900	12704			
Aberporth	502	30204	70021	22314	00902	11602	83075		
Filton	628	12303	62011	22315	00901	12704	81080		
Rhoose	715	02904	81011	22313	00900	12805			
Hartland Point	703	20000	78021	23015	20930	11801	82360		
Mount Batten	827	00802	60011	22913	00900	13803			
St. Mawgan	817	41406	40051	23014	36332	13803	83706		
Scilly	804	11505	69011	23412	10930	11803	81360		
Culdrose	809	30000	50050	22813	00902	13805	83070		
Guernsey	894	10506	62020	22915	00902	10706	81075		
Elmdon	534	30000	57040	22214	25730	13603	82656		
Cardington	559	02104	45051	22016	00900	14803			
Wittering	462	61503	57041	21817	657//	14704	86656		
Watnall	354	13002	56051	21617	00901	15804	81075		
Shawbury	414	02302	50040	21713	00900	13804			
Finningley	360	73502	58048	21117	2573/	15804	82650	87360	
Spurn Point	396	71705	62012	21517	7093/	14805	87360		
Leeming	257	33002	70030	21316	30931	14803	83360		
Tynemouth	262	22713	80010	21517	20930	16003	82358		
Carlisle	222	30000	60031	21414	25732	13802	82650		
Valley	302	71904	58402	22115	750//	14706	81700	87645	
Ringway	334	11602	30010	21815	10931	14807	81362		
Squires Gate	318	70000	40101	21714	756//	14808	82630	87646	
Ronaldsway	204	70000	59031	21513	752//	13707	81703	87657	
Mull of Galloway	131	82309	70032	20814	854//	13809	88615		
Eskdalemuir	162	41805	57058	21015	45400	14805	82710	84645	
Prestwick	135	70000	62022	20216	754//	15711	81616	84626	86645
Abbotsinch	140	80000	58026	19517	863//	16813	82708	88712	
Leuchars	171	22507	82011	19115	15632	14709	81640		
Dyce	091	51402	82018	17517	15670	14708	81645	84360	
Lerwick	005	82208	30206	14112	870//	12709	88701		
Wick	075	71810	81028	14915	755//	14715	83625	87640	
Sule Skerry	010	82318	32636	13513	874//	13720	88710		
Cape Wrath	049	92321	03596	12413	9////	13725	89/00		
Stornoway	026	82213	62216	13814	853//	14714	82709	84622	88630
Benbecula	022	92114	06516	15013	9////	13709	89/01		
Tiree	100	72118	62035	17615	753//	14716	83708	87640	
Aldergrove	917	71706	70031	20117	755//	14711	83621	86639	
Malin	980	71913	84016	18817	754//	15717	81718	87638	
Belmullet	976	21907	60101	19415	26400	14714	81712		
Birr	965	70000	70032	20616	756//	15806	87640		
Dublin	969	40000	75018	20618	45700	16709	84650		
Shannon	962	52302	82018	20716	55500	15811	82628	83635	
Roches Point	952	70000	62021	21716	1647/	14806	81717	87359	
Valentia	953	80000	60102	20716	852//	15814	83705	88636	

OBSERVATIONS at 06h. 2 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dappp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	13002	60050	20413	15701	11609	81650		
Hurn	862	10000	23051	20611	10931	10608	81360		
Manston	797	11506	57100	20714	15700	13707	81650		
Gatwick	776	50401	06414	20613	55700	12711	85656		
Kew	775	10000	40100	20613	10930	13708	81358		
Heathrow	772	22301	45050	20415	10981	14707	81358		
Honington	586	01505	45050	20114	00900	12708			
Wattisham	590								
Gorleston	497	02108	66010	20717	00900	13706			
Aberporth	502	51807	65031	20412	35702	10608	83650	83075	
Filton	628	32702	61030	20513	00902	12708	83080		
Rhoose	715	23103	62030	20712	00902	11506	81072		
Hartland Point	703	32003	64050	20914	10932	13608	81365	83075	
Mount Batten	827	20702	56050	21011	10932	10608	81362		
St. Mawgan	817	41002	11284	20812	36031	12611	83700		
Scilly	804	31802	60030	21214	15602	13509	81640	83075	
Culdrose	809	20705	01424	21010	00909	10606	81170		
Guernsey	894	10505	65021	21014	15702	11610	81650		
Elmdon	534	52301	32101	20015	00902	14708	85072		
Cardington	559	22704	30104	20312	00904	12608	82072		
Wittering	462	22903	42041	19915	15701	13607	81656		
Watnall	354	22501	35041	20116	10932	15605	81359		
Shawbury	414	50000	08424	20012	20932	12706	82362	84075	
Finningley	360	72702	38102	19215	757//	14708	87656		
Spurn Point	396	40000	40051	19716	40970	15707	84360		
Leeming	257	72302	67021	19315	68632	14708	81830	86657	
Tynemouth	262	72302	61031	19416	6563/	15604	86635		
Carlisle	222	61502	09464	19114	55332	14610	81706	83710	85650
Valley	302	22112	64021	20015	15731	13606	81656		
Ringway	334	72202	22104	20214	757//	13605	87656		
Squires Gate	318	70000	57102	19715	6577/	15707	86656		
Ronaldsway	204	71902	63022	19014	653/1	13611	81709	86650	
Mull of Galloway	131	72115	78022	18013	785//	13813	82825	87630	
Eskdalemuir	162	81807	18284	18814	860//	14612	88701		
Prestwick	135	71808	75022	16917	6853/	14721	82825	86645	
Abbotsinch	140	72402	65032	16816	784//	15613	81712	83818	85645
Leuchars	171	22108	62051	16717	25402	15611	81710		
Dyce	091	61806	82011	15616	40982	14508	82358	83360	85075
Lerwick	005	82423	50286	11513	851//	13714	82702	83615	87630
Wick	075	71909	82022	13215	5553/	13706	81622	84635	85645
Sule Skerry	010	82328	64026	10813	864//	12511	88715		
Cape Wrath	049	82320	50506	11612	873//	12704	88707		
Stornoway	026	72617	80256	12413	6843/	12505	81710	83816	86630
Benbecula	022	72211	80036	13913	753//	12102	84707	87618	
Tiree	100	82412	60506	15914	862//	13709	83704	88706	
Aldergrove	917	72406	60012	17717	752//	15706	82704	87630	
Malin	980	82613	82505	16815	6642/	14711	84715	84638	88459
Belmullet	976	82108	78605	17414	6647/	13613	85715	84636	88459
Birr	965	71805	66216	18715	764//	14606	85713	87633	
Dublin	969	72306	86021	18814	756//	11606	87630		
Shannon	962	71803	59101	19014	6547/	13707	81712	83620	86640
Roches Point	952	70000	62022	19714	756/2	12609	87635		
Valentia	953	70000	62205	19115	753//	15710	83706	87635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00120	07	+	+
Hurn	862	00100	07	+	jf
Manston	797	97120	08	+	+
Gatwick	776	00110	08	+	1fff
Kew	775	00110	05	+	+
Heathrow	772	00140	11	+	+
Honington	586	00130	10	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00120	07	+	+
Filton	628	00120	06	+	+
Rhoose	715	00120	07	+	+
Hartland Point	703	00140	11		
Mount Batten	827	00110	07	+	+
St. Mawgan	817	00120	10	fF	fF
Scilly	804	00120	09	+	+
Culdrose	809	00090	07	+	FFf
Guernsey	894	00130	07	+	+
Elmdon	534	00110	09	+	jf
Cardington	559	00100	07	f	f
Wittering	462	00140	11	+	+
Watnall	354	00150	11	+	+
Shawbury	414	00110	07	+	1fff
Finningley	360	00141	10	+	+
Spurn Point	396			+	+
Leeming	257	02151	11	+	pR
Tynemouth	262	92151	13	+	pr.
Carlisle	222	00120	09	f1f	f
Valley	302	00140	11	1f	1f
Ringway	334	00130	11	+	1f
Squires Gate	318	00140	12	+	+
Ronaldsway	204	00120	09	+	+
Mull of Galloway	131	00130			
Eskdalemuir	162	97131	11	+	fFd.d.
Prestwick	135	95151	13	+	tltlr.
Abbotsinch	140	06151	13	ir.id.	pr.prr.r
Leuchars	171	00140	12	+	+
Dyce	091	00150	12	+	+
Lerwick	005	04121	12	ffd.d.FFrr	r.r.d.r.ff
Wick	075	91141	13	ir.	+
Sule Skerry	010	03101	12		
Cape Wrath	049	08112	11	drdrffid	id.if
Stornoway	026	02121	12	rr.r.d.	id.
Benbecula	022	94121	11	d.d.ff	d.d.r.ir.
Tiree	100	95131	13	id.	id.ir.drd.r.
Aldergrove	917	97161	14	+	r.
Malin	980	9715	14		
Belmullet	976	0113	13		
Birr	965	9114	11		
Dublin	969	9714	11		
Shannon	962	9114	09		
Roches Point	952	0013	08		
Valentia	953	9215	15		

Code FM 21.V **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_sappp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02001	82008	98022	27114	6255/	00801	/////	/////	00213	11302	3////	///03
L	99569	70200	02004	52724	98016	16212	3843/	61309	82818	83362	0//09	11314	30805	30804
M	99662	10033	02004	82014	97616	09810	5732/	00201	/////	/////	00110	11007	30302	/////
R	99471	70170	02004	33322	98011	25016	38500	00105	82820	/////	0//15	11753	30604	/////

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_sappp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02061	81911	97022	23414	864//	00724	/////	/////	00414	11275	3//04	/////
L	99570	70203	02064	52725	98031	15511	58400	00302	82815	83630	0//10	11306	30806	30804
M	99662	10035	02064	82008	97026	09610	863//	00601	/////	/////	00210	10986	30302	/////
R	99470	70169	02064	83424	98038	23916	885//	00303	85820	83650	0//15	11770	30605	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42258

Date of Issue WEDNESDAY 3 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 2 AUGUST 1977

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	63305	70031	18524	52681	13611	85835	83357	
Hurn	862	62505	70021	18824	4163/	13713	84845	85359	
Manston	797	31410	65030	19720	38601	13706	81830	83656	
Gatwick	776	22105	60034	18624	22600	15713	82838		
Kew	775	40402	58051	18624	42630	13816	84840		
Heathrow	772	32005	58051	18524	22680	15813	82840		
Honington	586	51306	66031	18125	33532	13813	81925	83075	
Wattisham	590								
Gorleston	497	21516	62020	19217	22540	14708	82825		
Aberporth	502	73005	63031	19416	62501	13708	86825		
Filton	628	32906	72010	18923	10981	12811	81359	83075	
Rhoose	715	62509	64051	19122	11631	14809	81830	83359	
Hartland Point	703	72706	10101	20216	7093/	15805	87360		
Mount Batten	827	32109	58051	19420	12502	14709	81825	83075	
St. Mawgan	817	62906	70011	20119	38532	13605	81820	83650	86360
Scilly	804	10000	65020	21318	11502	14602	81820		
Culdrose	809	42507	65054	19919	42630	14708	84830		
Guernsey	894	70204	66021	19620	756//	12806	87645		
Elmdon	534	62308	68031	18224	52632	13712	85840		
Cardington	559	62504	62031	18225	686//	14714	81840	86650	
Wittering	462	72105	65031	18223	786//	15712	82835	87656	
Watnall	354	72406	75031	17825	22633	15710	82835	84359	
Shawbury	414	52308	74024	18122	12682	17709	81832	85362	
Finningley	360	61603	62031	17225	58632	15715	83835	83650	
Spurn Point	396	40000	40051	18720	12570	16707	81825	84360	
Leeming	257	72707	65028	17822	784//	15710	81818	87657	
Tynemouth	262	71912	61028	17322	2367/	17709	82930	87358	
Carlisle	222	72608	70024	16820	3858/	13608	81825	84359	86362
Valley	302	62014	58034	18617	11432	14807	81810	83365	85075
Ringway	334	72507	60031	17822	3268/	15713	83830	85357	
Squires Gate	318	62708	75012	18419	30952	14706	83362	85075	
Ronaldsway	204	72008	57022	17816	18431	13803	81711	84360	85074
Mull of Galloway	131	82312	58052	16715	6851/	13607	83820	86640	88460
Eskdalemuir	162	71912	70025	16417	4858/	12708	82820	83650	87364
Prestwick	135	82307	58519	16116	882//	15804	81705	83620	86636
Abbotsinch	140	82210	60608	15217	853//	15708	81707	83616	85624
Leuchars	171	72115	66808	14719	784//	15807	81710	85815	87650
Dyce	091	82011	65258	13819	6848/	16504	81712	83815	88362
Lerwick	005	32319	82016	12415	18431	13107	81710	83364	
Wick	075	82807	75608	13615	6847/	12207	81716	83625	85650
Sule Skerry	010	72315	81022	13212	4557/	11216	84625	87358	
Cape Wrath	049	82315	66808	13712	884//	10215	85815	88620	
Stornoway	026	82309	68616	14212	6532/	11111	81709	85628	88458
Benbecula	022	82211	70616	14912	7532/	11104	81708	84710	86616
Tiree	100	83111	60636	16112	6522/	11105	81705	83712	86618
Aldergrove	917	82203	65216	16216	4537/	15708	82706	84624	88458
Malin	980	82612	50586	16114	1642/	13301	81712	88556	
Belmullet	976	82808	64215	17514	864//	14203	86712	88637	
Birr	965	82205	60102	17417	7547/	13706	81711	87636	88461
Dublin	969	72612	66022	16720	32536	11607	83824	85360	87270
Shannon	962	82809	65605	18016	862//	15400	82703	83707	86710
Roches Point	952	61507	62011	18318	48502	12703	81822	84650	85075
Valentia	953	62708	80036	18918	42431	15002	84817	83359	

OBSERVATIONS at 18h. 2 AUGUST 1977

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	62903	66022	15823	5863/	14714	82840	84657	
Hurn	862	61006	62012	16122	21680	16713	82845	85360	
Manston	797	11207	81020	16619	18601	13715	81835		
Gatwick	776	22208	70011	16421	14731	14609	81650		
Kew	775	72105	65021	16123	1263/	15711	81840	87358	
Heathrow	772	62207	61031	15924	1868/	14714	81845	86358	
Honington	586	41411	78031	15723	39632	13610	81930	83656	
Wattisham	590								
Gorleston	497								
Aberporth	502	62910	65032	17417	22582	13707	82825	86075	
Filton	628	62608	75011	16422	50931	12615	85360	83075	
Rhoose	715	72912	66021	17118	5573/	13710	85650	84360	
Hartland Point	703	72809	66021	18116	7093/	14712	87360		
Mount Batten	827	62906	65011	17219	65700	14716	86650		
St. Mawgan	817	63006	70022	18217	25739	13809	82650	84175	
Scilly	804	12804	62010	19418	11532	13709	81820		
Culdrose	809	62605	66051	18017	25731	13711	82650	85360	
Guernsey	894	73308	63021	17417	656/2	10612	86645		
Elmdon	534	42610	66021	15722	18635	11611	81840	83075	
Cardington	559	72906	60052	15623	786//	15614	82840	87650	
Wittering	462	62507	58031	15424	4863/	13614	82840	83656	85360
Watnall	354	72608	66032	15123	786//	13712	81835	83645	85656
Shawbury	414	62807	65022	15421	11682	16611	81830	85358	
Finningley	360	72709	65012	14624	786//	13611	82840	86656	
Spurn Point	396	70000	35299	16017	3957/	16714	83925	87360	
Leeming	257	72710	66032	15220	25782	12609	82656	83360	85075
Tynemouth	262	62309	61022	15322	3367/	13710	83930	86358	
Carlisle	222	72712	62022	15216	2847/	12704	81714	86362	
Valley	302	72116	70021	16216	38582	12712	81820	83634	86360
Ringway	334	63308	62012	15621	32681	13607	83835	85358	
Squires Gate	318	72612	75031	15917	2567/	12713	82630	87359	
Ronaldsway	204	82607	61602	15315	853//	12712	82709	86711	88626
Mull of Galloway	131	80000	60636	14914	874//	13803	88715		
Eskdalemuir	162	71810	60022	15115	5347/	11506	83918	85360	
Prestwick	135	72002	59616	14714	6522/	14709	82704	83708	85616
Abbotsinch	140	82106	60616	14015	7537/	13609	81706	83710	85624
Leuchars	171	72412	65618	13815	754//	13506	81710	83630	87650
Dyce	091	83406	70608	13713	853//	12110	82706	83708	85640
Lerwick	005	82611	58616	12611	3712/	11603	82702	88457	
Wick	075	70602	82216	13111	3547/	10705	81715	83645	85360
Sule Skerry	010	72310	74016	12512	755//	11706	87625		
Cape Wrath	049	52314	82018	12712	584//	10705	83815	85620	
Stornoway	026	82112	40806	12912	883//	11504	82708	85816	88626
Benbecula	022	72012	58626	13212	783//	12608	83707	84812	87618
Tiree	100	72311	89156	14913	784//	10502	81816	84625	87640
Aldergrove	917	73004	82026	15116	784//	13606	81710	83818	87638
Malin	980	32705	89016	15615	38430	12504	81818		
Belmullet	976	72911	78035	17815	784//	11206	83718	85640	
Birr	965	52708	84016	15919	585/2	13609	84820		
Dublin	969	82306	64215	15815	863//	14801	82707	84718	88650
Shannon	962	73012	82026	17317	785//	13501	82828	86650	
Roches Point	952	70000	65016	17417	784//	14705	82819	87632	
Valentia	953	73208	75038	18916	784//	14302	85818	86640	

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00240	072	+	+
Hurn	862	00250	064	+	+
Manston	797	00220	142	+	+
Gatwick	776	00250	103	+	+
Kew	775	00250	065	+	+
Heathrow	772	00270	063	+	+
Honington	586	00260	104	+	+
Wattisham	590				
Gorleston	497		114		
Aberporth	502	00190	100	+	+
Filton	628	00250	093	+	+
Rhoose	715	00230	099	+	+
Hartland Point	703	00180	063		
Mount Batten	827	00200	089	+	+
St. Mawgan	817	00190	071	+	+
Scilly	804	00190	129	+	+
Culdrose	809	00200	055	+	+
Guernsey	894	00210	075	+	+
Elmdon	534	00250	070	+	+
Cardington	559	00270	061	+	+
Wittering	462	00260	061	+	+
Watnall	354	00260	087	+	+
Shawbury	414	00250	076	+	+
Finningley	360	00260	050	+	+
Spurn Point	396			TIrr	TIrr
Leeming	257	00230	017	+	+
Tynemouth	262	97230	032	pro	+
Carlisle	222	00220	028	+	+
Valley	302	97181	095	if	iro
Ringway	334	00230	067	+	+
Squires Gate	318	00210	050	+	+
Ronaldsway	204	01171	058	+	ro ro -r
Mull of Galloway	131	06161			
Eskdalemuir	162	97181	012	do do	pro ro
Prestwick	135	09171	005	pro iro rdo ro	do do do ro rr
Abbotsinch	140	09172	000	rrpro iro	do ro rrR
Leuchars	171	01211	036	pro pr pro	pro ro ro
Dyce	091	10221	047	pro pRro	prr iro ro ro
Lerwick	005	02152	020	iro	ro ro rr iro
Wick	075	03181	005	pro iro rr	ro ro iro
Sule Skerry	010	96130			
Cape Wrath	049	97131	002	iro pro	+
Stornoway	026	05141	005	ro ro pro	pro
Benbecula	022	04141	016	ro ro r	pro rpro
Tiree	100	06151	024	do ro rrro	pro
Aldergrove	917	15171	006	ro ro rRro	ro
Malin	980	0315	030		
Belmullet	976	0117	043		
Birr	965	0219	017		
Dublin	969	9221	036		
Shannon	962	0219	015		
Roches Point	952	9718	052		
Valentia	953	0118	016		

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

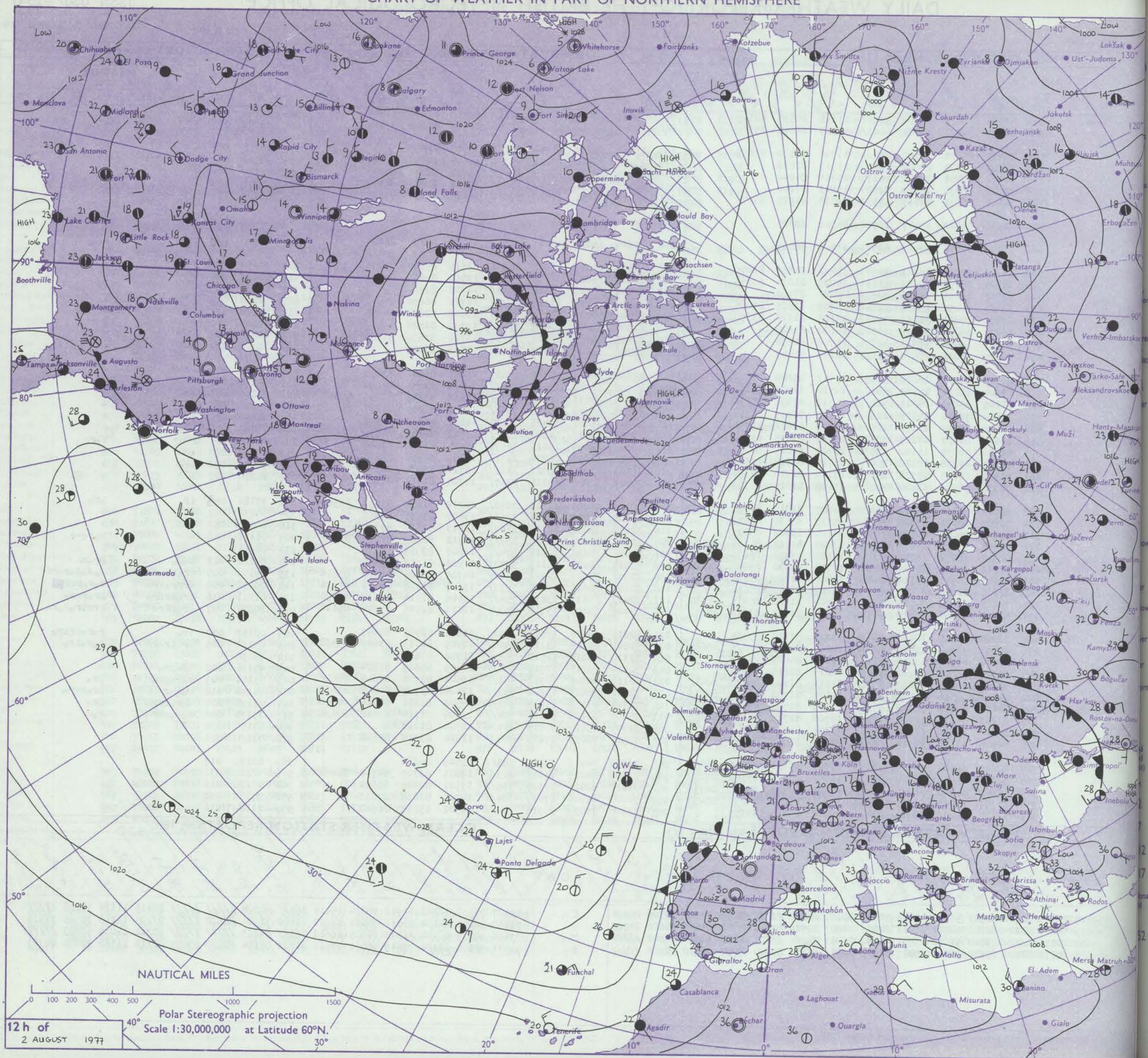
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02121	61912	98031	21115	50951	00717	/////	/////	00314	11373	30704	26904
L	99569	70201	02124	62820	98021	17411	644//	00207	83618	85630	0//04	11269	30606	24912
M	99661	10036	02124	71808	97022	09511	78400	00803	/////	/////	00210	11011	30302	/////
R	99471	70171	02124	73620	98028	27017	785//	00213	81820	87640	0//15	11750	30604	/////

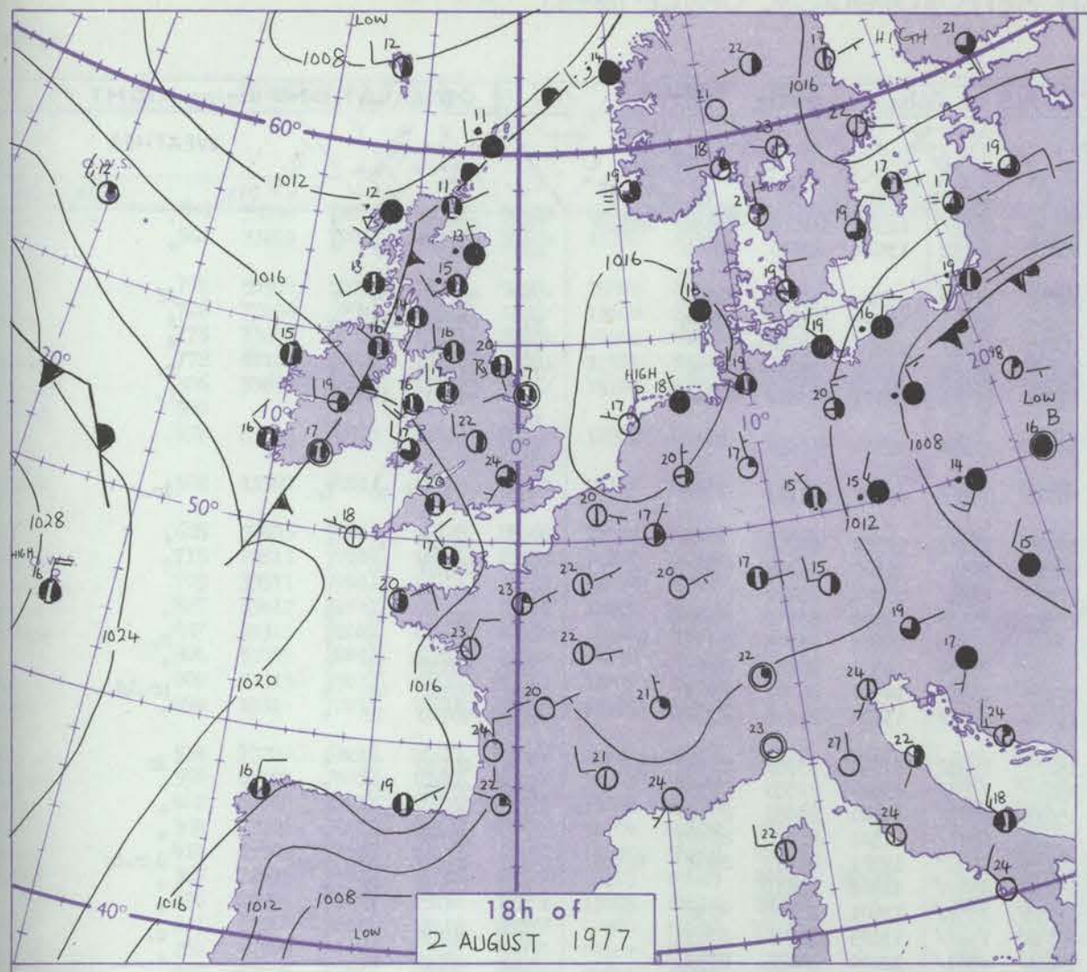
OCEAN WEATHER STATION REPORTS at 18h.

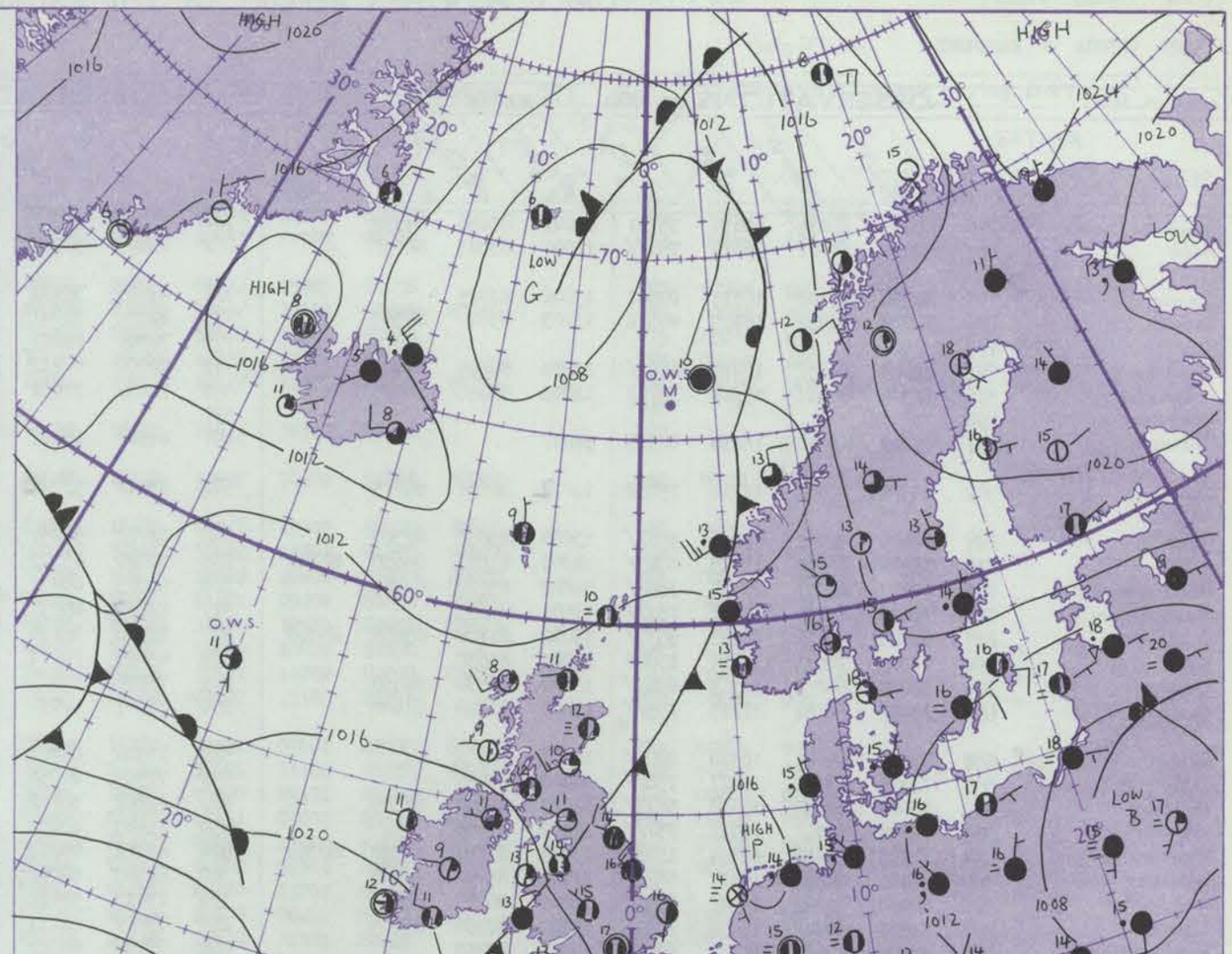
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02181	81912	96214	15115	864//	00728	/////	/////	00415	11334	30806	/////
L	99569	70200	02184	23016	98021	17912	21500	71301	82820	/////	0//05	11313	30505	33910
M	99662	10037	02184	81818	94505	06612	863//	00713	/////	/////	00311	11040	30403	/////
R	99471	70170	02184	73619	98012	27616	22502	00104	82820	87075	0//14	11768	30604	04703

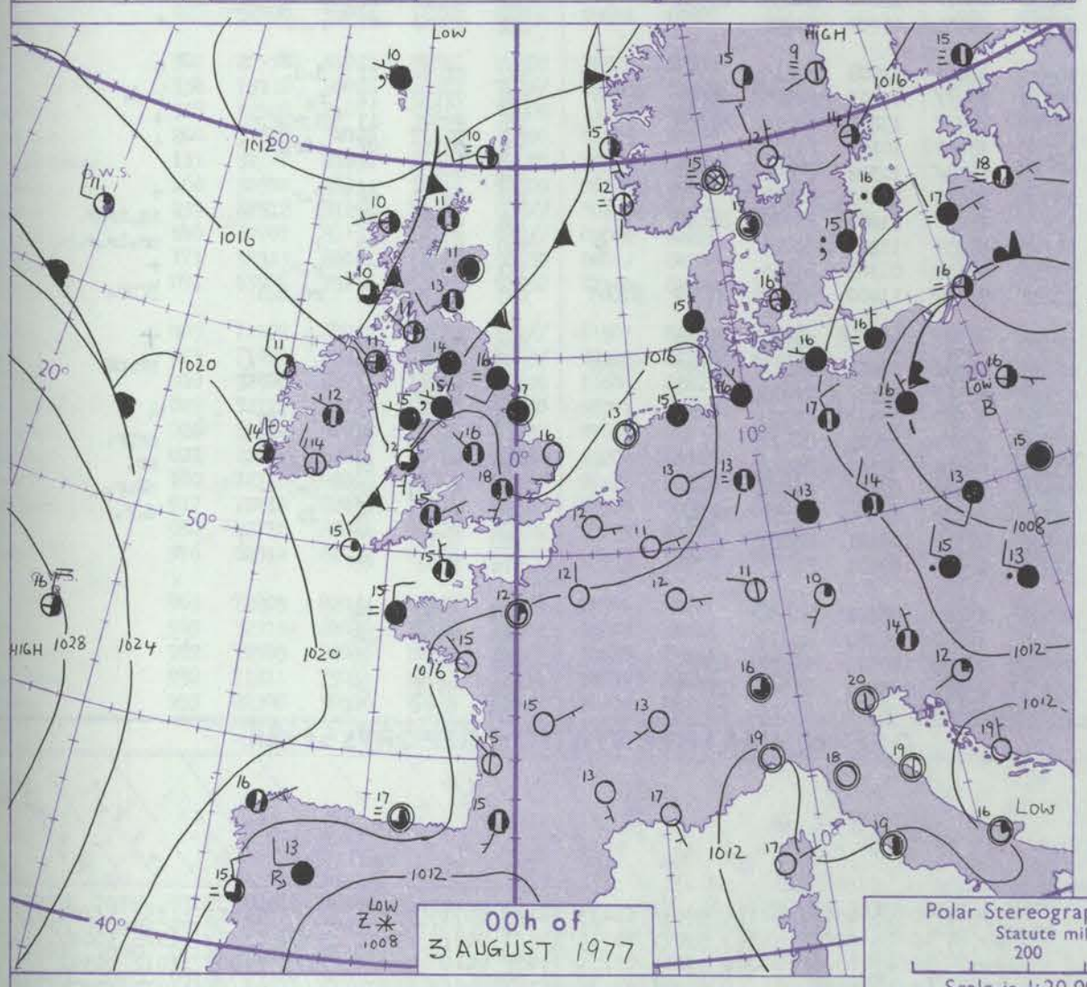
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 3 AUGUST 1977

During the past 24 hours a steady fall of pressure has taken place over England and France as a weakening cold front moved southeast across Scotland and Ireland. The Azores anticyclone remains slow-moving while the complex area of low pressure to the north of Iceland has filled steadily. During the next 24 hours the cold front is expected to continue to move southeast to clear remaining parts of the United Kingdom to be followed by a weak ridge of high pressure. A low in mid-Atlantic is expected to move steadily east with its associated fronts reaching western parts of the British Isles late in the period.

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

Code FM 11.V **OBSERVATIONS at 00h.** 3 AUGUST 1977

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	63005	62031	16614	35731	11001	83656	84359	
Hurn	862	72905	60022	16616	786//	12000	83843	86657	
Manston	797	11706	43100	16313	00901	13806	81075		
Gatwick	776	70000	62021	16415	48672	13703	83840	84362	
Kew	775								
Heathrow	772	72003	65032	16018	6562/	13802	86645	87465	
Honington	586	51506	59011	15514	35702	12803	83656	84075	
Wattisham	590								
Gorleston	497	01809	66010	16216	00900	14807			
Aberporth	502	61805	60022	17112	25632	11002	82631	85075	
Filton	628	72505	58052	17016	5587/	13000	85657	87360	
Rhoose	715	72908	66012	17015	4343/	14801	81818	84650	87360
Hartland Point	703	72710	66012	17915	3647/	14802	83710	87460	
Mount Batten	827	73406	65032	17616	757//	13001	87656		
St. Mawgan	817	62903	65022	18115	3537/	13802	81709	83650	85360
Scilly	804	23302	70011	19315	15602	13001	81630		
Culdrose	809	80000	60032	18313	6563/	13000	82630	84650	
Guernsey	894	73407	58051	17215	785//	13400	81828	87640	
Elmdon	534	73105	65021	16516	7093/	10003	87359		
Cardington	559	72804	58602	15917	756//	16201	87638		
Wittering	462	73008	62212	15818	5573/	13102	85650	87359	
Watnall	354	72904	60012	16017	757//	12002	87656		
Shawbury	414	72306	78026	16314	1578/	11803	81650	83358	87362
Finningley	360	73106	60012	15817	5573/	12103	85650	86363	
Spurn Point	396	80000	40299	15517	6957/	16003	86920	88360	
Leeming	257	51803	60042	15414	50971	11804	82360	83365	
Tynemouth	262	52506	69022	15116	50930	14805	85359		
Carlisle	222	82502	58216	14814	852//	13000	82704	83708	85616
Valley	302	82804	30206	16715	860//	14103	84701	88702	
Ringway	334	72202	70022	16315	3577/	11801	83650	87359	
Squires Gate	318	82807	65516	15715	853//	14702	86706	88613	
Ronaldsway	204	82703	58636	16113	854//	13003	82711	85618	88640
Mull of Galloway	131	43309	80016	16211	45700	11303	84650		
Eskdalemuir	162	82703	66218	14912	854//	11802	85714	88625	
Prestwick	135	33002	75016	16011	28435	10304	81815		
Abbotsinch	140	22602	80026	14910	11501	08003	81820		
Leuchars	171	72408	70026	13713	756//	12000	81630	87640	
Dyce	091	80000	30636	13811	870//	11000	81701	85702	87706
Lerwick	005	52508	56106	12710	55030	10801	82701	84632	
Wick	075	72002	82026	13611	7543/	10801	83712	86645	
Sule Skerry	010	82307	74216	12611	855//	11704	88620		
Cape Wrath	049	82709	48106	13110	874//	10500	88710		
Stornoway	026	52507	80258	13110	584//	10801	82816	85630	
Benbecula	022	12910	86018	13811	18400	08102	81818		
Tiree	100	62906	82148	15010	684//	10101	84818	85637	
Aldergrove	917	53102	82016	16811	15530	10204	81625	85359	
Malin	980	42812	84258	16212	48400	10303	81818	83645	
Belmullet	976	33009	80018	18311	33500	09204	83821	81921	
Birr	965	72903	70038	18612	785//	11111	83821	87638	
Dublin	969	72910	82016	17113	756//	11107	82630	87650	
Shannon	962	13104	82011	19413	18500	11107	81825		
Roches Point	952	13117	80011	18814	15600	12209	81645		
Valentia	953	53407	75012	20614	58500	10106	83821	85635	

OBSERVATIONS at 06h. 3 AUGUST 1977

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	73003	58052	16114	7567/	12301	82631	86656	87360
862	63205	57052	16115	35732	13500	83650	83362	
797	41905	35104	14914	10932	13704	81362	84075	
776	42202	58041	15413	28682	12502	81835	83075	
775	70000	60021	15417	757//	13400	87650		
772	70000	60212	15117	35681	13703	81635	83650	
586	72608	30051	14814	60972	13501	81361	86365	
590								
497	41907	16051	14816	30931	15704	83358		
502	83412	58216	16613	862//	13104	85703	88707	
628	32702	58051	16515	15482	12302	81712		
715	50000	45102	16413	38331	13500	81708	83620	
703	63005	66012	17415	5623/	14301	85704		
827	72603	60031	17313	754//	13501	83712	87650	
817	73306	56216	17415	7627/	15603	83703	85706	87710
804	43606	70011	19215	28530	14301	81820	84360	
809	73005	57258	17215	783//	14500	83707	85630	
894	73507	57051	16814	755//	13500	81626	87640	
534	73104	68022	15315	60982	11302	83359	86362	87075
559	72904	60056	15615	7098/	13500	82359	87361	
462	72807	58042	15615	5573/	11301	85650	87360	
354	72403	60032	15513	6577/	11301	86650	86360	
414	82402	60212	15713	5542/	12301	82613	84620	88460
360	82505	59042	15114	854//	12302	88616		
396	73013	59022	15016	3357/	13601	83920	87360	
257	73002	58211	14914	754//	13103	82710	87630	
262	72708	69022	14614	4567/	12400	84635	87358	
222	22803	65011	15211	28331	10204	81708		
302	33506	75025	16913	32400	12308	83815		
334	73002	50616	15814	752//	13303	84705	86707	87640
318	73109	80026	15714	784//	13201	84815	87635	
204	13005	86016	16312	18430	10103	81711		
131	73206	82021	16411	4853/	10302	83825	84360	
162	33009	82021	15509	28430	07103	82817		
135	72506	65256	15412	784//	11601	81710	86640	
140	52605	80218	14712	58330	11201	81707		
171	22314	84011	13910	15632	08303	81645		
091	72202	40406	13212	751//	11400	81702	83704	87645
005	72304	58102	12210	751//	10705	82702	86650	
075	72502	82258	12611	5843/	10502	81712	84640	86359
010	42305	74016	12210	45500	10502	84625		
049	32708	80018	12710	39500	08303	83920		
026	22308	82021	12908	28400	08702	81816		
022	52610	75258	13811	59400	08302	85916		
100	12607	83018	15109	18400	08400	81816		
917	62707	82016	16711	68400	10500	81818	86640	
980	42813	84038	16112	48500	08301	83820		
976	42708	78031	17911	28532	08501	81821		
965	32701	66021	18909	15602	08201	81636		
969	12610	80021	17710	12500	09302	81820		
962	33104	82021	19512	18502	09303	81820	83075	
952	72809	80031	19911	15604	09210	81640	87074	
953	50000	82031	20612	28502	08301	81825	84070	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00130	08	+	+
862	00150	13	+	+
797	00130	09	+	if
776	00130	09	+	+
775	00150	11	+	+
772	97170	15	+	r.
586	91131	11	+	r.
590				
497				
502	04121	10	ir.	ir.r
628	00140	11	+	+
715	00120	06	+	+
703	00140	13		
827	00130	09	+	+
817	91140	10	+	r.
804	00130	11	+	+
809	97120	08	+	pr.id.
894	00140	12	+	+
534	00120	10	+	jp
559	97140	11	ir.	+
462	97150	13	r.	+
354	00130	11	+	+
414	93101	06	r.r.	d.r.dr
360	00130	11	+	+
396			tlr	+
257	94130	11	+	r.
262	00140	11	+	+
222	91100	06	r.r.	+
302	01131	11	d.d.	+
334	91130	11	r.	r.d.
318	93141	13	d.r.r.r.	+
204	05111	07	rir.R	+
131	00100			
162	94051	02	r.r.	+
135	02081	05	+	id.irpr.
140	01081	05	+	pr.ir.r.r.
171	97091	07	r.r.	+
091	05111	11	rd.d.R	jfpr.
005	00101	09	+	+
075	07101	08	+	pr.pR
010	02080	08		
049	03091	08	irifpr	+
026	01071	04	pr.	prpr.
022	93111	07	pr.	pr.
100	02081	05	pr.	pRpr.
917	97111	06	jp	d.r.
980	0110	07		
976	9608	05		
965	9708	04		
969	0109	08		
962	9711	07		
952	9711	08		
953	9711	08		

Code FM 21.V **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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03001	82210	96544	14714	863//	00400	/////	/////	00214	11376	3////	///04
L	99570	70201	03004	22708	98030	17711	21500	71806	82825	/////	0//05	11287	30202	31806
M	99663	10037	03004	42019	97015	09610	26342	00226	/////	/////	00109	11027	30605	/////
R	99471	70170	03004	53620	98018	29216	58501	00009	82820	84640	0//14	11775	30604	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03061	82110	97516	11413	863//	00715	/////	/////	00013	11333	3//04	/////
L	99570	70204	03064	51603	99011	14711	11531	00823	81820	85364	0//07	11326	30000	32905
M	99664	10040	03064	80000	97216	12210	1247/	00107	/////	/////	00008	11012	30301	/////
R	99471	70169	03064	33516	98011	28716	28501	00801	82820	/////	0//14	11731	30704	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42259

Date of Issue THURSDAY 4 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 3 AUGUST 1977

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	33109	72031	15722	32600	11801	83838		
Hurn	862	33209	70031	16421	31600	11301	83840		
Manston	797	53308	50051	14921	52501	15001	85825		
Gatwick	776	73206	59041	15622	1578/	13602	81656	87360	
Kew	775	73204	65022	15821	58631	10101	81840	85656	
Heathrow	772	62104	59022	15522	12681	11501	81840	83357	
Honington	586	83603	44056	15417	853//	15103	81709	83618	88650
Wattisham	590								
Gorleston	497	83610	60021	15518	864//	12204	88715		
Aberporth	502	13309	81011	18914	18401	12107	81818		
Filton	628	53603	75011	16620	58500	12002	82828	84650	
Rhoose	715	22813	72011	16721	21531	14001	82820		
Hartland Point	703	33511	70011	18915	22531	12109	82820		
Mount Batten	827	33412	82011	17920	22502	12202	82820		
St. Mawgan	817	43311	82021	19117	42400	11106	84815		
Scilly	804	33409	80011	21219	22502	14210	82825		
Culdrose	809	53313	75031	19117	32501	13207	83820		
Guernsey	894	13311	72011	18018	10930	13108	81360		
Elmdon	534	73209	63218	16617	784//	12107	84816	86625	87645
Cardington	559	63104	75032	15922	626//	11103	86838		
Wittering	462	52906	80031	15619	58501	11002	84828		
Watnall	354	72906	75012	16118	785//	12104	82822	87640	
Shawbury	414	63508	78016	17017	68400	13105	84818	83645	
Finningley	360	72905	75022	15718	785//	12205	83823	84632	87656
Spurn Point	396	40506	61011	15818	12571	13105	81825	83360	
Leeming	257	63107	84021	15418	686//	09500	83830	85656	
Tynemouth	262	52506	81031	15518	52630	09102	85835		
Carlisle	222	52508	83011	15516	58500	09601	84827		
Valley	302	22914	81021	18517	22401	10306	82817		
Ringway	334	73112	80026	16817	785//	09205	82822	86650	
Squires Gate	318	32908	84011	17217	32500	11107	83822		
Ronaldsway	204	33109	84020	17615	38500	06206	83828		
Mull of Galloway	131	32707	81031	17216	38530	10206	82825	83630	
Eskdalemuir	162	52512	88011	14916	52500	06400	85828		
Prestwick	135	62512	81158	16216	684//	09205	81818	85825	
Abbotsinch	140	62707	81151	15115	685//	09002	84826		
Leuchars	171	52513	86011	13718	58630	06602	84835		
Dyce	091	63008	75258	13415	68560	07104	82820	85640	
Lerwick	005	72209	68022	12211	752//	11501	82703	85708	87645
Wick	075	71007	80258	12911	6843/	09303	81715	85818	
Sule Skerry	010	32508	82011	12514	32500	11601	83820		
Cape Wrath	049	32713	82150	12712	33500	08301	83920		
Stornoway	026	62912	82018	13014	6943/	07602	81917	85822	
Benbecula	022	22811	82011	14414	19460	10205	81915		
Tiree	100	72715	80808	15813	794//	09205	81914	83816	85630
Aldergrove	917	72410	82038	17015	4853/	08303	82822	84645	85360
Malin	980	42712	88018	16515	48500	09103	82820	83640	
Belmullet	976	62312	81031	17715	685/2	09803	83820	84640	
Birr	965	72805	82031	18517	42502	07804	84823	86070	
Dublin	969	32911	84030	17818	21502	04803	82825		
Shannon	962	72505	82031	19215	785//	10603	81825	87645	
Roches Point	952	71811	75011	19617	18572	10703	81822	87074	
Valentia	953	82308	50526	20114	864//	14602	88710		

OBSERVATIONS at 18h. 3 AUGUST 1977

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	32810	82010	16021	28601	12304	82835		
862	13113	81010	16521	11601	11003	81840		
797	60408	40058	15718	657//	15303	86656		
776	63504	61022	15622	4863/	12102	82845	84656	
775	53305	70022	15823	58600	11301	84845		
772	33205	70011	15424	22781	11000	82850		
586	63008	68012	15421	685//	11302	83828	83656	
590								
497	70505	58012	16315	755//	14302	87620		
502	72907	82021	19214	10932	10501	81365	87075	
628	73213	82031	16620	785/1	10302	82825	87640	
715	42815	82020	17518	11602	11301	81830	84072	
703	53010	87031	19514	12602	10400	81830	85075	
827	43411	84021	18918	11604	09204	81830	84075	
817	53210	86031	19715	31401	10203	83816	83075	
804	23109	80010	21517	15602	10802	81630		
809	53211	75031	19915	21501	11002	82820	84070	
894	13110	75020	18717	00902	13102	81075		
534	53308	80022	16120	34601	09601	82635	83075	
559	43305	70011	16021	32601	11102	81830	83835	
462	42907	70031	15921	48600	09101	84840		
354	33007	82021	16318	11631	08002	81835	83075	
414	43612	82011	17217	22502	11206	82828	84075	
360	12911	81011	15919	14602	07303	81845		
396	21007	58011	16216	20970	13702	82360		
257	12714	89011	15918	14700	06209	81650		
262	22305	82021	15516	11630	12101	81830		
222	22510	86018	15716	28600	10301	81830		
302	52111	83031	18415	11554	06703	81825	85072	
334	43008	84031	17216	11604	06204	81835	84075	
318	22809	82010	17416	12501	08601	81825		
204	31807	80021	17114	18532	11704	81822	83075	
131	52408	82011	16715	25570	14805	82625	84360	
162	12612	88011	15415	18600	05501	81830		
135	12513	86011	15915	18640	07701	81835		
140	12612	86018	15116	14601	05302	81830		
171	22511	89011	13817	18641	05303	81835		
091	71102	62809	14113	794//	11206	81712	81918	83820
005	22509	82011	11811	28400	08301	81710		
075	62005	75809	13210	5943/	09101	83912	84640	
010	12710	82010	12713	12500	10202	81820		
049	42709	82150	13013	43500	09101	83920		
026	42609	82018	13314	48431	07400	82818	83630	
022	52512	86011	14013	48530	05702	81822	84645	
100	32408	89018	15214	28530	08704	81825		
917	32207	82031	15917	28601	06609	82830	83080	
980	62807	88031	15814	48502	08704	83822	83075	
976	81510	58616	14414	6637/	13820	82706	84716	88459
965	82004	75606	16916	7567/	11710	87636	88458	
969	72506	84031	16817	755/6	07606	82624	86635	87270
962	82413	58615	16715	872//	15713	83705	85709	88712
952	72110	80022	18616	6847/	13504	81818	86636	87359
953	82207	62026	18316	863//	14709	86709	88630	

OBSERVATIONS during DAY

iii	RRT x T E x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00230	105	+	+
862	00240	103	+	+
797	97220	066	pr.	+
776	00240	049	+	+
775	00230	053	+	+
772	00240	046	+	+
586	94220	012	r.r	+
590				
497		019		
502	00161	097	+	+
628	00230	102	+	+
715	00210	099	+	+
703	00160	091		
827	00210	106	+	+
817	00180	111	+	+
804	00190	113	+	+
809	00180	117	+	+
894	00190	095	+	+
534	97210	059	pr.r.	+
559	00230	067	+	+
462	00210	070	+	+
354	00210	053	+	+
414	97200	065	d.r.	+
360	00210	045	+	+
396			+	+
257	00210	101	+	+
262	00200	127	+	+
222	91180	111	pr.pr	+
302	00180	122	+	+
334	00190	085	+	+
318	00180	113	+	+
204	00170	134	+	+
131	00170			
162	00171	111	+	+
135	00160	121	jp	+
140	97181	114	pr.	+
171	00190	117	+	jp
091	01171	046	pr.	pr.tlr.rpr
005	00131	035	+	+
075	16142	046	pr.pR	tlr.pr
010	94151			
049	00131	131	+	+
026	02161	088	pr.	pr.
022	00151	104	+	+
100	97151	104	pr.	pr.
917	97181	091	pr.	+
980	9715	109		
976	0116	053		
965	9718	070		
969	0019	103		
962	9617	051		
952	0019	068		
953	9616	005		

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

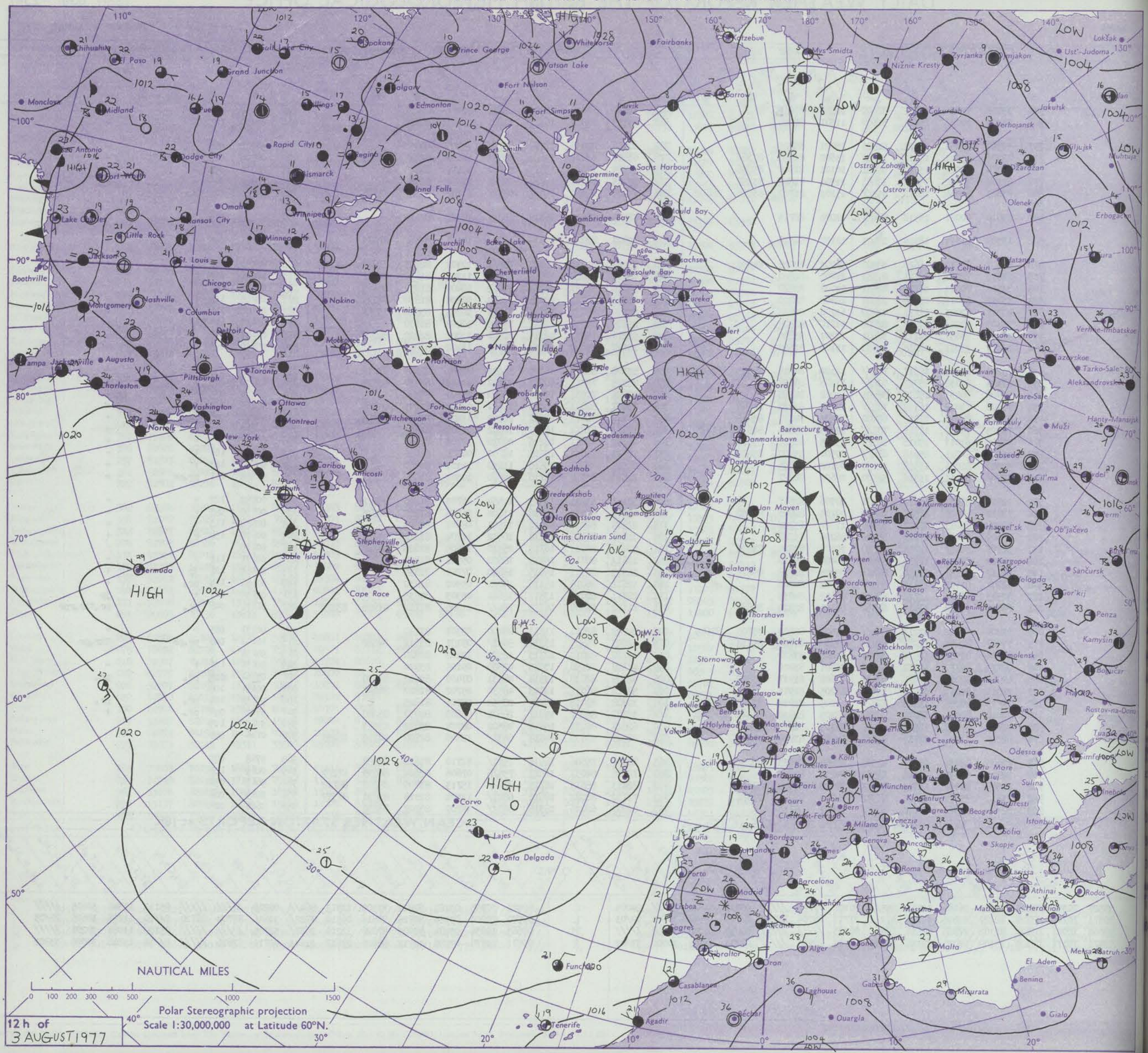
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03121	82611	96166	11413	855//	00107	/////	/////	00012	11322	3////	24005
L	99571	70206	03124	82122	97616	10710	6722/	21719	84704	84708	0//10	11308	30603	99/03
M	99664	10041	03124	81102	97808	12510	6946/	00203	/////	/////	00010	11035	30000	/////
R	99471	70171	03124	23109	98030	29316	21400	00202	82816	/////	0//13	11748	30000	33802

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03181	82811	97505	12313	864//	00210	/////	/////	05112	11340	30605	/////
L	99570	70200	03184	80725	97616	06510	7722/	31616	85704	86710	0//10	11295	30605	99/03
M	99663	10034	03184	80905	97028	12210	2637/	52705	/////	/////	05109	11084	30201	/////
R	99471	70170	03184	42712	98020	27617	21441	00711	82816	/////	0//14	11816	30000	33802

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
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1008 LOW
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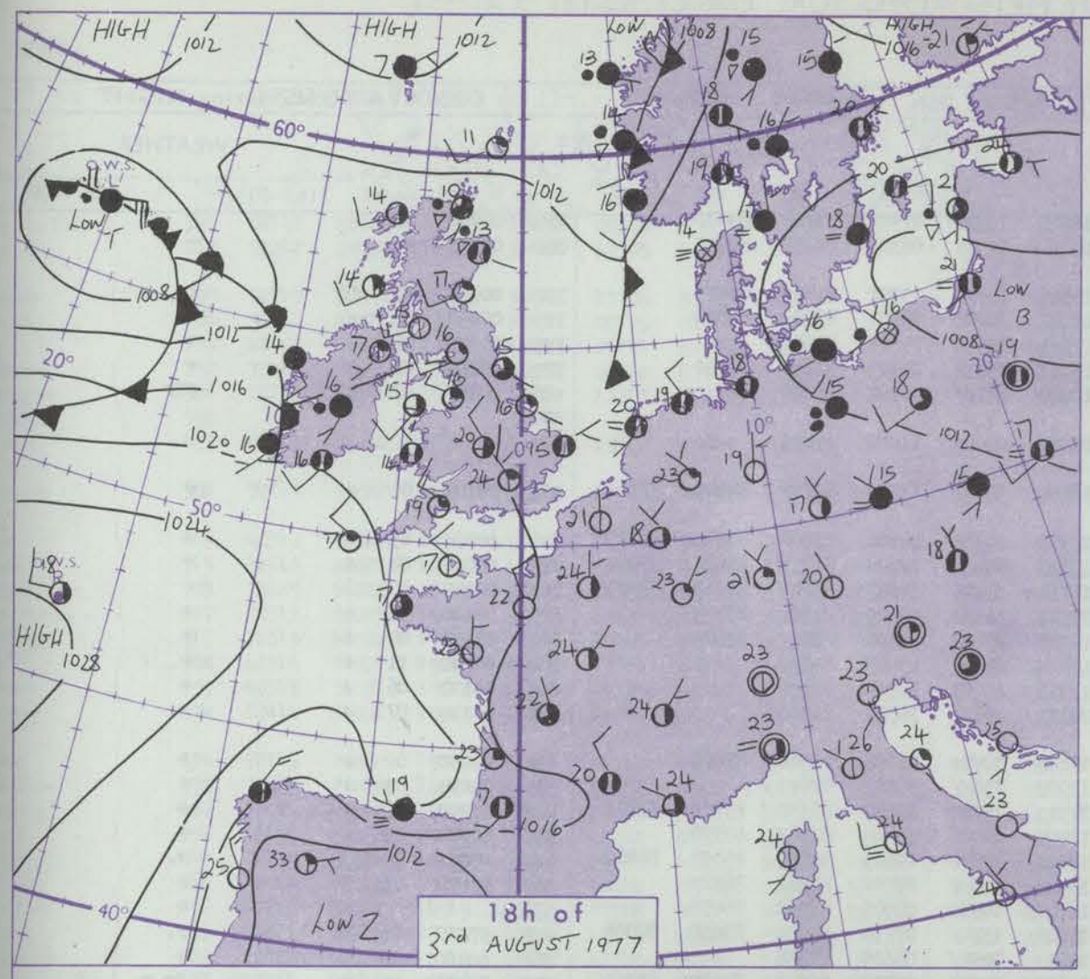
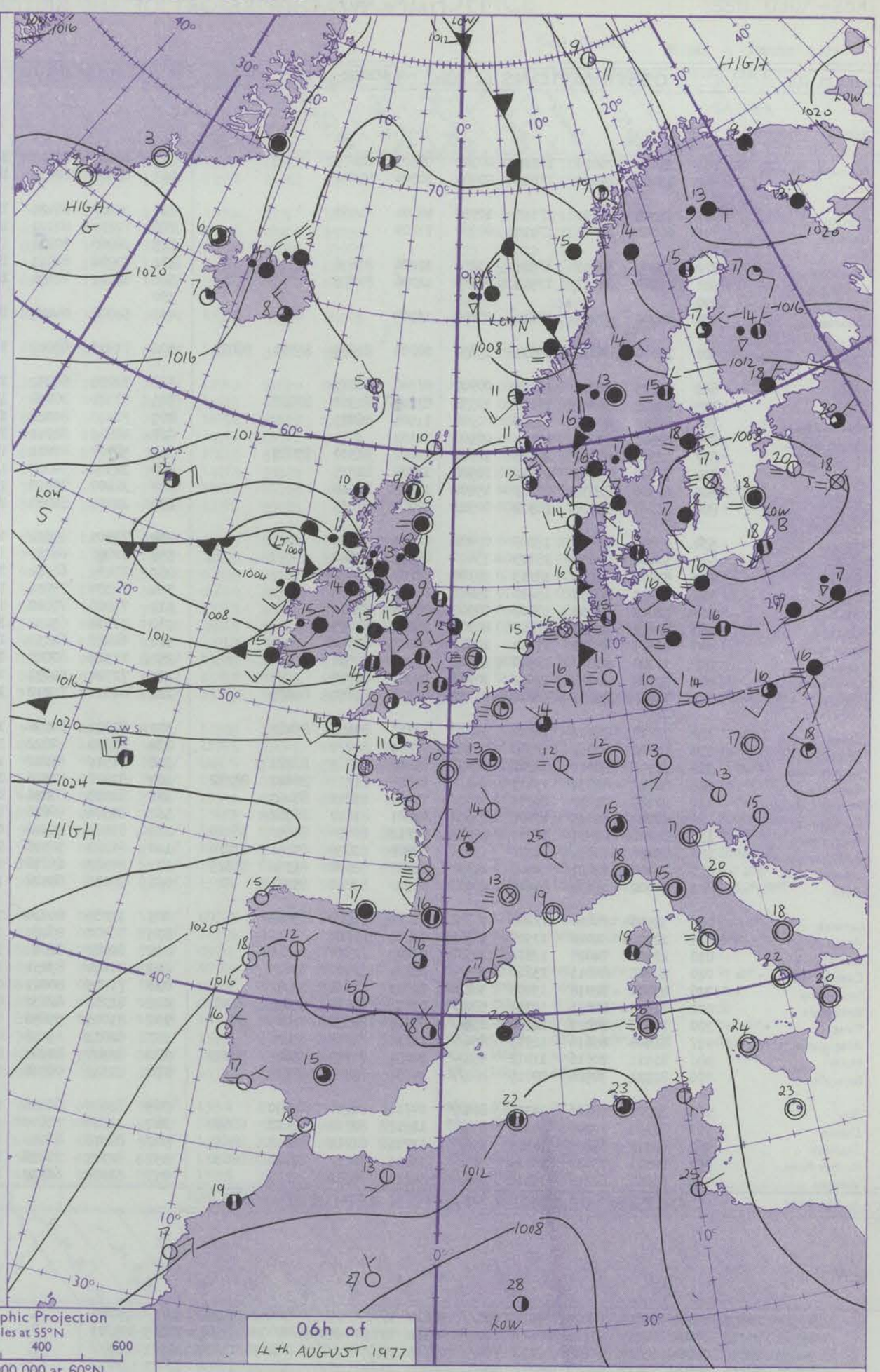
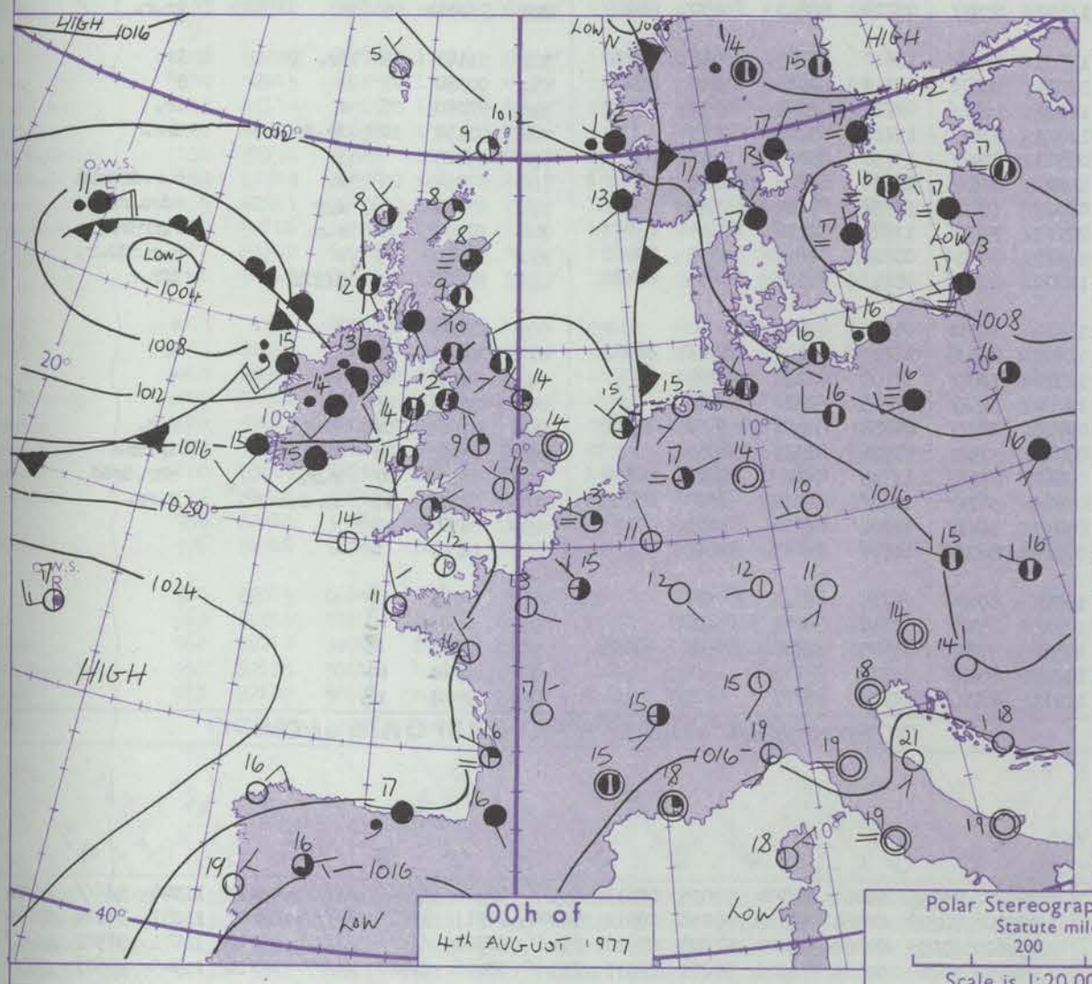






Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 4 AUGUST 1977

During the past 24 hours a developing Atlantic low moved eastwards towards northern districts of the British Isles, while its associated warm front reached some western areas. A weak cold front moved eastwards across the North Sea, while a weak ridge of high pressure developed over southern districts. Pressure remained high near the Azores, and low over Spain.

During the next 24 hours the Atlantic low is expected to move northeastwards across Scotland, while its cold front will clear most northern districts of the British Isles. Pressure will remain high from the Azores, across Biscay to central Europe and the Mediterranean.

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

Code FM 11.V **OBSERVATIONS at 00h.** 4 AUGUST 1977

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	23006	70020	18510	00901	08306	82075		
Hurn	862	13005	80020	18712	00901	10304	81080		
Manston	797	11005	16101	17115	10930	14204	81360		
Gatwick	776	00000	56041	17413	00900	11209			
Kew	775								
Heathrow	772	13005	57051	17316	15700	12206	81656		
Honington	586	11802	24111	17513	00901	12206	81075		
Wattisham	590								
Gorleston	497	00000	40051	17614	00900	13205			
Aberporth	502	71910	80032	18511	15632	10708	81635	85365	86075
Filton	628	62703	80021	19212	00901	07206	86075		
Rhoose	715	73202	80031	19110	10932	07105	81360	87075	
Hartland Point	703	62810	80022	19814	00902	11501	86075		
Mount Batten	827	02602	80011	20211	00900	10102			
St. Mawgan	817	32608	86031	20413	10942	11602	81360	83075	
Scilly	804	12708	75010	21514	12500	13705	81825		
Culdrose	809	22506	82031	20713	15401	11603	81618		
Guernsey	894	13108	83020	20312	00902	10204	81075		
Elmdon	534	33301	68011	18709	00902	06204	83075		
Cardington	559	30405	64030	18113	35600	09309	83640		
Wittering	462	53005	75021	18213	55700	08209	85650		
Watnall	354	23003	70030	18410	15601	06203	81630		
Shawbury	414	72402	68031	18407	00902	06101	87075		
Finningley	360	42402	65030	17608	00904	06204	84075		
Spurn Point	396	32809	68030	17714	20971	09207	82360		
Leeming	257	10000	84020	17510	15701	07208	81650		
Tynemouth	262	22708	80020	17012	20930	08107	82360		
Carlisle	222	71503	81031	16210	15732	08500	81650	86075	
Valley	302	71817	75022	16514	5567/	12713	85632	87462	
Ringway	334	61602	80031	17910	00906	07704	86075		
Squires Gate	318	71103	80011	17312	30936	09802	83365	87270	
Ronaldsway	204	81812	80031	15413	654/7	11814	81711	86642	88272
Mull of Galloway	131	82124	82032	14213	3742/	11818	83712	88460	
Eskdalemuir	162	60000	82031	17005	1563/	03201	81640	86362	
Prestwick	135	81406	81031	14611	45637	07712	81630	84650	86360
Abbotsinch	140	70000	82031	14510	15676	08807	81630	85462	87270
Leuchars	171	72406	82021	14809	25732	06203	82650	85362	87075
Dyce	091	60402	15408	14508	2603/	08500	82700	85362	
Lerwick	005	32506	70020	12209	38331	08201	81708	83815	
Wick	075	22302	82028	13508	18540	07802	81820		
Sule Skerry	010	22302	74028	12811	22500	09803	82820		
Cape Wrath	049	32305	84011	13210	38500	08801	82820	83625	
Stornoway	026	43104	82018	13008	38430	07803	81818	83362	
Benbecula	022	71305	84031	12311	5847/	09712	81818	85635	87360
Tiree	100	71510	84021	12812	2567/	09715	82630	87465	
Aldergrove	917	81508	65616	12913	854//	11718	83715	88626	
Malin	980	81311	70616	11012	5547/	10834	81718	85645	88459
Belmullet	976	82122	30586	09015	862//	14734	85704	88709	
Birr	965	82009	58606	14314	864//	14711	86710	87630	
Dublin	969	82112	80205	14215	854//	12817	82712	85622	88650
Shannon	962	82112	75605	14515	854//	13713	81712	83718	88635
Roches Point	952	82111	75032	16915	864//	13811	82710	87716	88630
Valentia	953	81910	62216	15815	864//	14813	88710		

OBSERVATIONS at 06h. 4 AUGUST 1977

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	40000	80011	18409	16332	07501	81708	83077	
Hurn	862	62802	80011	18810	10932	08303	81359	85075	
Manston	797	31407	08424	17315	11401	15302	81815	83075	
Gatwick	776	72701	40101	18009	36202	09304	83705	87078	
Kew	775	20000	50051	17913	15630	09303	81630		
Heathrow	772	73204	62021	17613	15731	09303	81650	87080	
Honington	586	82301	01464	17510	860//	10302	88700		
Wattisham	590								
Gorleston	497	50000	04424	17411	00901	11400	85075		
Aberporth	502	71913	63012	16114	5547/	13508	82712	84640	87360
Filton	628	72003	80032	18311	10932	08606	81360	84072	86075
Rhoose	715	72107	80032	17615	45432	12608	81710	83625	85360
Hartland Point	703	72418	80022	17714	37476	14607	83712	85360	87275
Mount Batten	827	40802	68011	19311	16332	09605	81706	83075	
St. Mawgan	817	52007	82011	19212	25438	11504	82611	83275	
Scilly	804	32310	70020	19814	15631	13507	81630		
Culdrose	809	22409	75010	19313	25601	13504	82630		
Guernsey	894	22905	84020	20311	10932	10500	81363		
Elmdon	534	71501	68021	17608	30972	05608	83360	87072	
Cardington	559	72802	64031	17909	756//	08302	87645		
Wittering	462	72402	66031	17511	15732	07502	81650	83362	87075
Watnall	354	72304	75031	17409	20936	07503	82362	87270	
Shawbury	414	71806	70602	16311	25678	09611	82635	85359	87462
Finningley	360	71704	65031	16309	40948	07704	84362	86275	
Spurn Point	396	62408	64011	16912	10972	08606	81360	86075	
Leeming	257	71308	80021	15408	1574/	07710	81650	83360	87365
Tynemouth	262	72704	69031	14811	7097/	08605	87358		
Carlisle	222	81611	75212	11612	45577	09729	82623	83650	85360
Valley	302	82021	60606	13715	852//	13510	83705	85618	88632
Ringway	334	71810	80022	15712	35672	07715	83635	85360	85075
Squires Gate	318	81511	65212	14011	6542/	09718	82615	86630	88459
Ronaldsway	204	81917	57516	11013	871//	13720	85702	88703	
Mull of Galloway	131	82128	60636	08813	874//	13730	88715		
Eskdalemuir	162	81506	56616	12109	873//	08624	85708	88712	
Prestwick	135	81512	45596	08413	7542/	12737	87616	88545	
Abbotsinch	140	81010	30596	08511	7542/	11842	82710	86615	87625
Leuchars	171	80102	65616	11510	4542/	08722	81612	84630	88462
Dyce	091	80000	68104	12009	6512/	08811	81702	85645	88460
Lerwick	005	12208	80020	11910	18331	09400	81706		
Wick	075	70000	89021	11309	28536	08713	81820	83362	86272
Sule Skerry	010	60000	82018	11310	1257/	08709	81820	86360	
Cape Wrath	049	71404	83031	10710	3857/	07715	82820	86460	
Stornoway	026	71305	80021	09710	3847/	09718	81816	83640	87360
Benbecula	022	81211	62632	08010	2742/	09726	82712	88550	
Tiree	100	81018	35656	04911	7712/	11745	84702	86706	88530
Aldergrove	917	82013	63216	07814	861//	13619	81702	83703	88705
Malin	980	82319	80206	04915	7642/	14614	87710	88458	
Belmullet	976	82115	06506	06215	862//	14714	85703	88707	
Birr	965	82010	60616	10515	6642/	14718	86711	88458	
Dublin	969	82214	70605	10715	854//	13716	84713	88630	
Shannon	962	82216	66586	10316	873//	15621	83707	84716	85625
Roches Point	952	82117	70026	13915	864//	14712	88712		
Valentia	953	81915	60105	12215	863//	14719	88707		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00080	02	+	+
Hurn	862	00080	04	+	+
Manston	797	00130	10	ff	ff
Gatwick	776	00090	06	+	+
Kew	775	00120	06	+	+
Heathrow	772	00120	08	+	+
Honington	586	00100	07	fff	FFf
Wattisham	590				
Gorleston	497				
Aberporth	502	00101	09	+	+
Filton	628	00090	03	+	+
Rhoose	715	00090	04	+	+
Hartland Point	703	00140	10		
Mount Batten	827	00100	06	+	+
St. Mawgan	817	00110	08	+	+
Scilly	804	00140	11	+	+
Culdrose	809	00110	06	+	+
Guernsey	894	00110	07	+	+
Elmdon	534	00050	02	+	+
Cardington	559	00070	03	+	+
Wittering	462	00090	07	+	+
Watnall	354	00080	03	+	+
Shawbury	414	97070	50	+	r.
Finningley	360	00070	03	+	+
Spurn Point	396			+	+
Leeming	257	97070	05	+	r.
Tynemouth	262	00100	08	+	+
Carlisle	222	97091	05	+	ir.r.
Valley	302	01141	12	ir.	ir.
Ringway	334	00080	07	+	+
Squires Gate	318	97090	07	+	ir.
Ronaldsway	204	02131	10	ir.dr	drr.
Mull of Galloway	131	05121			
Eskdalemuir	162	07052	01	r.	r.r.drdrDR
Prestwick	135	05091	06	r.r	rdrd.r.r.
Abbotsinch	140	07091	06	r.r.	r.rrdrd.
Leuchars	171	02081	05	+	r.r.rRd.r.
Dyce	091	01061	04	jfrif	ifr.r
Lerwick	005	00071	05	+	+
Wick	075	97071	03	+	ir.
Sule Skerry	010	91081	06	+	+
Cape Wrath	049	00081	07	+	+
Stornoway	026	91061	04	+	r.r.
Benbecula	022	05091	08	+	ir.Rrr
Tiree	100	15101	07	r.r.	rRr.drdd
Aldergrove	917	04121	11	r.-r.r.R	r.rr.
Malin	980	0612	10		
Belmullet	976	0614	13		
Birr	965	0513	13		
Dublin	969	9414	13		
Shannon	962	0915	13		
Roches Point	952	9714	14		
Valentia	953	9714	13		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04001	82909	98025	14912	855//	00210	/////	/////	00012	11289	3////	///06
	99569	70202	04004	80519	97606	07711	7642/	00314	87710	88458	0//10	11282	30605	99/03
	99663	10032	04004	83605	97808	09710	894//	00718	/////	/////	05109	11074	30201	/////
	99470	70171	04004	12517	98011	26017	14500	00810	81620	/////	0//14	11784	30503	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04061	82704	98025	15613	855//	00104	/////	/////	05112	11340	3////	///04
	99570	70198	04064	50418	99036	10012	58400	11311	83817	/////	0//07	11281	30604	09704
	99662	10033	04064	83409	97808	07910	894//	00708	/////	/////	05109	11071	30302	/////
	99470	70169	04064	72522	98031	22517	755//	00616	87620	/////	0//16	11745	30603	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42260

Date of Issue FRIDAY 5 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 4 AUGUST 1977

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	62112	86021	17120	18682	09809	81835	85075	
Hurn	862	72312	84031	18519	31601	12705	83830	86075	
Manston	797	52210	50054	16923	32401	13706	83818	83075	
Gatwick	776	52311	82021	17323	10932	08709	81364	85078	
Kew	775	42407	82020	17322	10932	07711	81365	83080	
Heathrow	772	72409	75031	17023	00902	07712	87075		
Honington	586	72110	57054	15920	11508	13713	81820	87275	
Wattisham	590								
Gorleston	497	61618	44054	16217	3451/	15817	83625	84460	
Aberporth	502	72019	75022	14618	5857/	12805	84828	83645	87360
Filton	628	42312	84011	16920	18641	11807	81832	83365	
Rhoose	715	32613	82021	16720	11631	14808	81830		
Hartland Point	703	72625	66022	16816	3847/	14804	82815	83640	87360
Mount Batten	827	72313	82021	19018	26332	15602	82708	83360	86075
St. Mawgan	817	72315	80032	17919	28436	13804	82818	87275	
Scilly	804	62316	71021	19016	38506	15704	82820	85275	
Culdrose	809	62315	70031	18618	61300	15803	82709	85818	
Guernsey	894	62414	81031	20817	11432	13101	81811	86075	
Elmdon	534	72115	70022	15319	51532	11713	85828	85075	
Cardington	559	72513	75022	16522	15738	09712	81650	87275	
Wittering	462	72014	82032	15320	30932	06818	83365	86075	
Watnall	354	72114	80022	14619	24572	10712	81825	87070	
Shawbury	414	72114	78036	13820	58642	14709	82830	85645	85360
Finningley	360	72014	76012	13821	11678	10614	81835	83365	86075
Spurn Point	396	62112	80022	14919	25672	07718	82635	84360	86075
Leeming	257	81911	58216	12715	854//	13611	85715	88650	
Tynemouth	262	72020	69028	10717	4367/	13718	84930	87358	
Carlisle	222	82311	57616	09316	6537/	15809	83708	85625	88360
Valley	302	82029	62216	11816	863//	14806	82708	88710	
Ringway	334	72215	68026	13219	45532	11710	81622	83650	85359
Squires Gate	318	82118	70016	12317	55437	13705	81712	83620	86360
Ronaldsway	204	81921	30636	09114	872//	13711	82703	88704	
Mull of Galloway	131	82134	58626	06813	874//	13717	88715		
Eskdalemuir	162	81919	50596	08313	871//	13613	88702		
Prestwick	135	82013	56596	06315	7532/	14809	81708	83710	86618
Abbotsinch	140	82116	40586	05716	853//	15707	81706	86708	87617
Leuchars	171	81812	62216	06315	7532/	13625	82708	87617	88460
Dyce	091	81612	35586	07311	7512/	11729	82702	83703	86704
Lerwick	005	71506	82031	11611	12478	09604	81815	85465	87275
Wick	075	80810	62636	08310	5532/	08720	81708	83615	88458
Sule Skerry	010	80912	64602	09311	855//	10511	88620		
Cape Wrath	049	80914	70636	07308	874//	06719	88710		
Stornoway	026	70917	82026	06211	3847/	08818	81618	83645	87460
Benbecula	022	70420	74606	04211	754//	08715	83710	83620	87650
Tiree	100	83009	56636	02513	861//	13502	84702	88704	
Aldergrove	917	81913	58636	05416	862//	15815	83705	85708	88712
Malin	980	82110	30586	03316	7637/	15715	87708	88459	
Belmullet	976	82316	56206	04215	862//	14500	86704	88710	
Birr	965	82015	66605	08217	7732/	16713	87709	88457	
Dublin	969	82016	70216	08417	6647/	15710	84715	85630	88458
Shannon	962	82217	30586	08617	863//	16609	82706	86710	88715
Roches Point	952	82125	58616	10816	873//	14613	88709		
Valentia	953	82118	50616	09916	863//	15608	88706		

OBSERVATIONS at 18h. 4 AUGUST 1977

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	72112	84032	15019	10942	12711	81362	87075	
Hurn	862	72313	81032	16319	10944	12711	81362	87074	
Manston	797	32115	77021	15220	10942	10704	81366	83075	
Gatwick	776	52312	82021	15919	11646	12706	81835	85080	
Kew	775	52310	83031	15022	11644	10809	81840	85075	
Heathrow	772	62310	81032	14423	10946	10712	81362	86275	
Honington	586	72315	82022	13024	10982	05710	81362	87075	
Wattisham	590								
Gorleston	497	51716	62014	13619	30934	15712	83360	85075	
Aberporth	502	82121	64808	11617	885//	12716	85820	88640	
Filton	628	62612	86031	14221	2464/	12713	82640	85362	
Rhoose	715	72814	81021	14419	18548	14811	81825	87272	
Hartland Point	703	72628	68022	14216	22571	14716	82820	87070	
Mount Batten	827	72417	70032	16917	46431	14711	81712	84815	
St. Mawgan	817	72115	82022	15917	754//	13610	87614		
Scilly	804	52416	65012	16617	35530	14712	83620		
Culdrose	809	82313	70032	16716	853//	14611	84709	88620	
Guernsey	894	32310	84021	18917	00902	12711	83075		
Elmdon	534	72216	81022	12720	20988	07609	82359	87075	
Cardington	559	72413	75032	13821	15772	10608	81650	83463	86075
Wittering	462	62314	82022	12721	30946	07608	83362	86275	
Watnall	354	72212	83212	11521	30881	06610	82357	87080	
Shawbury	414	72216	80022	10919	25672	13717	82645	83461	86075
Finningley	360	72213	81022	10621	18642	08615	81840	85360	87075
Spurn Point	396	62114	68032	11621	40971	12718	84360	86075	
Leeming	257	72114	65216	09417	6844/	13607	85618	87460	
Tynemouth	262	72018	69258	07917	4357/	13717	84925	87358	
Carlisle	222	82110	35596	06315	873//	15715	86706	88710	
Valley	302	82127	56626	09515	873//	14508	82706	88709	
Ringway	334	72113	80026	10219	35631	10715	83645	84359	86075
Squires Gate	318	72018	76016	09417	3547/	14815	81616	83650	87360
Ronaldsway	204	82023	57026	06414	7522/	13609	81704	84707	85628
Mull of Galloway	131	82132	60026	03414	2551/	13513	82625	88460	
Eskdalemuir	162	81923	15516	04714	870//	13623	88701		
Prestwick	135	82115	50596	02416	6632/	15519	82706	84710	88556
Abbotsinch	140	82117	58586	01316	853//	16623	83707	86711	88625
Leuchars	171	82013	62636	02515	6542/	14724	81710	86618	88460
Dyce	091	81614	30506	02614	872//	13722	83703	88704	
Lerwick	005	80716	58636	08209	5722/	09723	83705	85709	88550
Wick	075	80407	25656	02111	872//	11730	84703	88706	
Sule Skerry	010	80515	66616	05310	855//	09718	85620	88625	
Cape Wrath	049	80915	75256	04509	884//	07709	84815	88620	
Stornoway	026	70419	80802	05010	784//	08502	85818	85632	
Benbecula	022	70115	87016	04213	48432	07302	82817	83635	85362
Tiree	100	73618	80216	02512	45478	10503	84615	85460	87270
Aldergrove	917	72609	70216	03816	5847/	15301	81712	84635	87459
Malin	980	83514	60615	03312	862//	12308	83704	88707	
Belmullet	976	83617	50635	05213	862//	13307	85704	88709	
Birr	965	82411	70606	07315	7647/	13501	87716	88458	
Dublin	969	82216	81026	06118	4547/	14610	82715	84628	88459
Shannon	962	82611	80608	07516	5547/	15703	82710	84640	88459
Roches Point	952	82122	30586	09515	873//	15711	88706		
Valentia	953	82408	65036	09216	863//	15701	86708	86640	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00220	116 +		+
Hurn	862	00210	122 +		+
Manston	797	00240	115 +		+
Gatwick	776	00240	119 +		+
Kew	775	00240	115 +		+
Heathrow	772	00250	111 +		+
Honington	586	00250	082 +		+
Wattisham	590				
Gorleston	497		099		
Aberporth	502	02211	054	pr.	pr.r.r.
Filton	628	00240	102 +		+
Rhoose	715	00220	098 +		+
Hartland Point	703	00170	074		
Mount Batten	827	00180	118 +		+
St. Mawgan	817	00210	113 +		+
Scilly	804	00190	102 +		+
Culdrose	809	00180	089 +		+
Guernsey	894	00180	138 +		+
Elmdon	534	00240	071 +		+
Cardington	559	00250	110 +		+
Wittering	462	00240	102 +		+
Watnall	354	97230	052 +		ir.
Shawbury	414	00220	020 +		+
Finningley	360	00240	038 +		+
Spurn Point	396		+		+
Leeming	257	92210	004	r.	r.
Tynemouth	262	01180	001	pr.	pr
Carlisle	222	11161	000	ir.r.r.Rrr	r.rRdrDRd.
Valley	302	07161	000	ir.r	ir.rr
Ringway	334	91200	021	r.r	r.
Squires Gate	318	02181	000	d.rir.	rRr.r.
Mull of Galloway	204	09151	001	d.r.-rr-R	ir.-r-DR
Eskdalemuir	131	09141			
Prestwick	162	25142	000	DRdrdrrrR	drdrd.d.r
Abbotsinch	135	13162	000	ir.dr	drDR
Leuchars	140	09171	001	d.d.d.r.rr	drrrr.r.
Dyce	171	04172	000	d.r.drr.	d.r.rr
Lerwick	091	05152	000	r.r.d.r.rr	r.d.r.rrR
Wick	005	11132	044	ir.r.r.	r.r.rr
Sule Skerry	075	18122	000	ir.r.r.rr	rrRR
Cape Wrath	010	03122			
Stornoway	049	03102	000	ir.rr	ir.pr.
Benbecula	026	97111	005	r.r.	pr.
Tiree	022	91141	011	rrir.	jp
Aldergrove	100	04151	003	ddr.rr	r.r.ir.
Malin	917	09171	000	r.rRr.r.rRd	dd.Dr.pr.r.
Belmullet	980	1417	000		
	976	1016	001		
Birr	965	0918	000		
Dublin	969	0318	001		
Shannon	962	0718	000		
Roches Point	952	0417	003		
Valentia	953	0417	001		

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

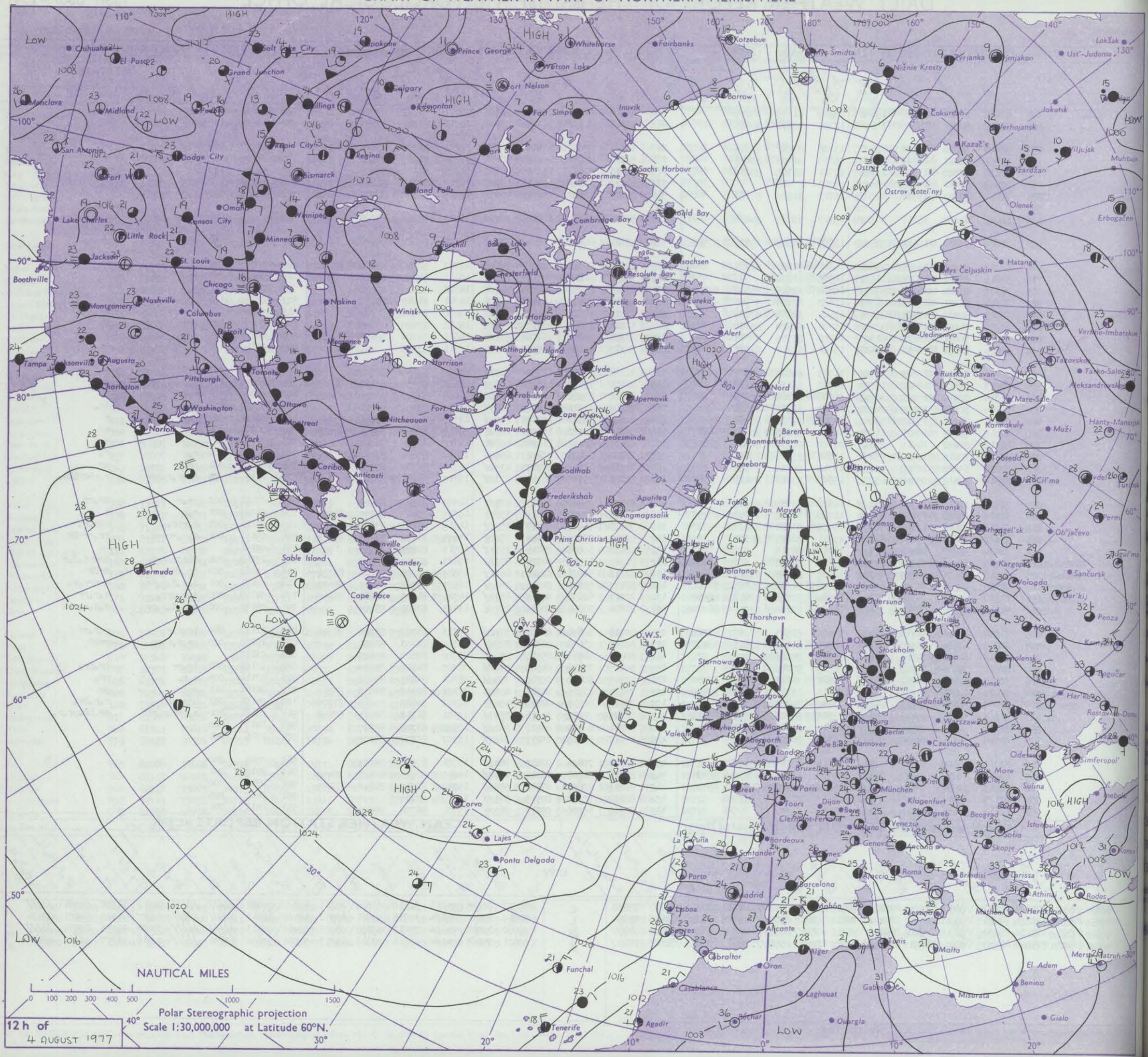
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04121	82608	96514	15613	864//	00802	/////	/////	00013	11311	3////	25803
L	99569	70199	04124	30317	99011	13812	38400	00218	82818	/////	0//06	11307	30603	08704
M	99660	10020	04124	83322	96818	06408	894//	51711	/////	/////	05308	11047	30504	/////
R	99471	70171	04124	82323	96828	19817	874//	00602	88710	/////	0//17	11752	30605	/////

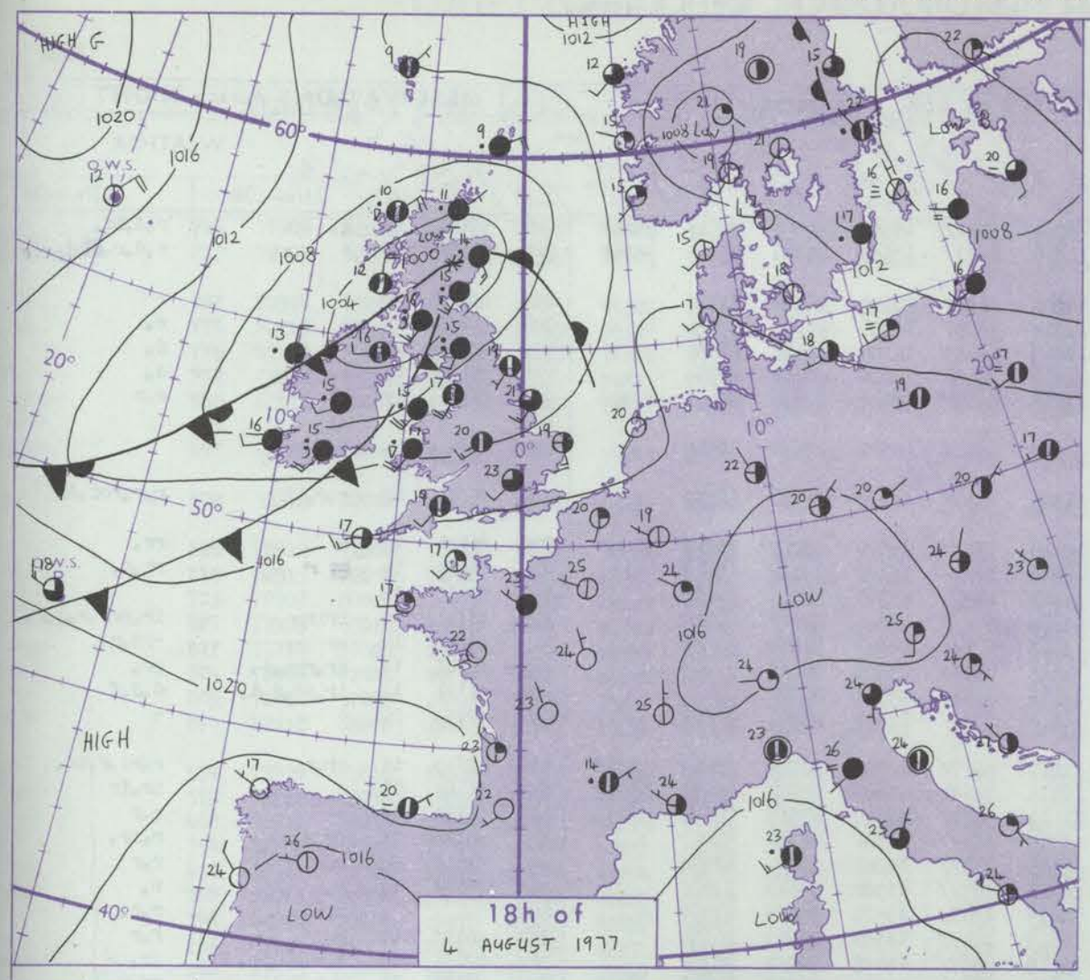
OCEAN WEATHER STATION REPORTS at 18h.

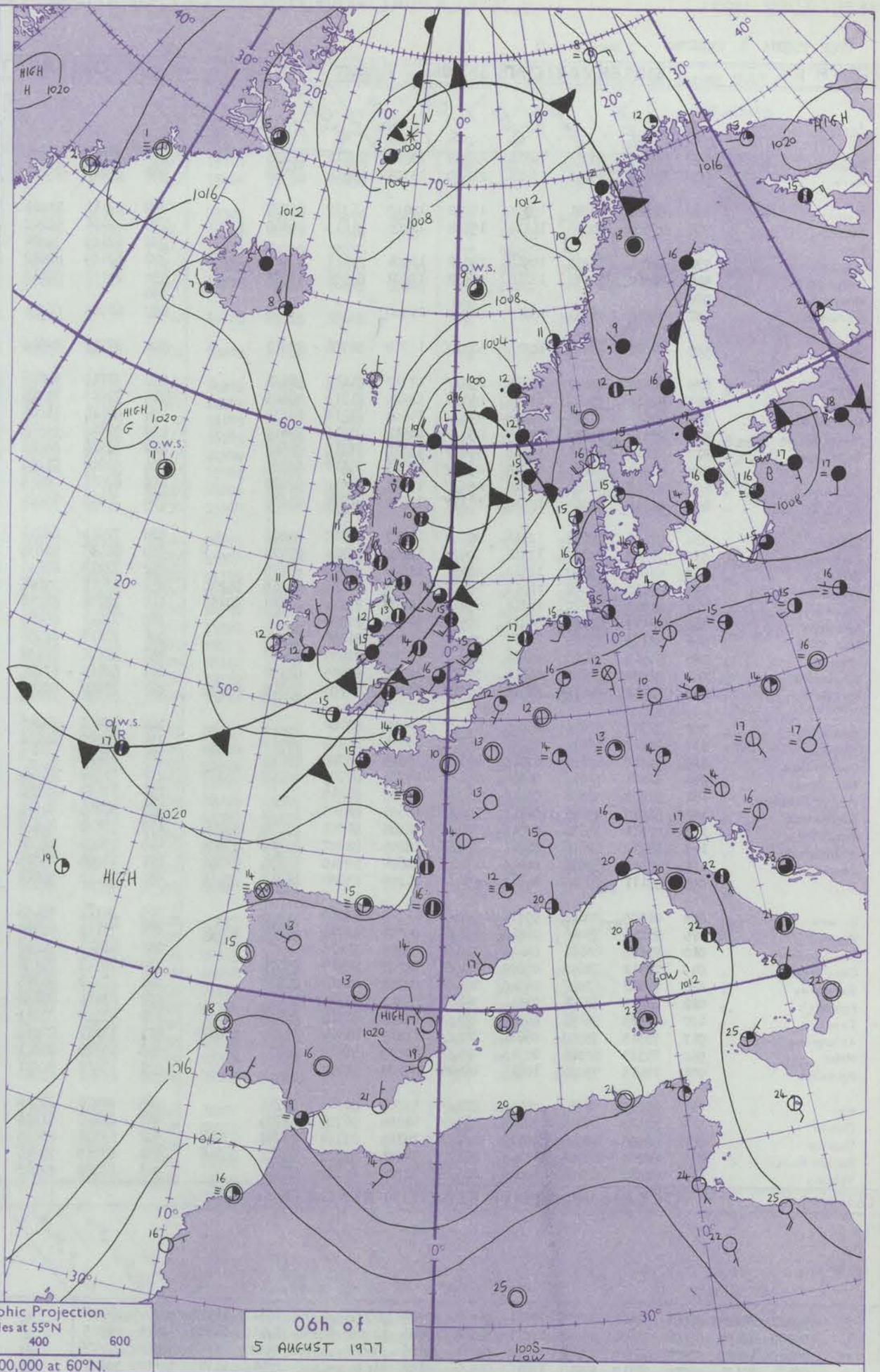
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04181	82810	97025	16213	855//	00002	/////	/////	00012	11300	30504	/////
L	99569	70200	04184	10318	99021	17012	12400	11217	81818	/////	0//07	11323	30603	08804
M	99660	10020	04184	72712	97258	08908	59460	00213	/////	/////	05406	11056	30504	/////
R	99471	70169	04184	62814	97018	19017	55780	00802	85650	/////	0//16	11777	30604	23603

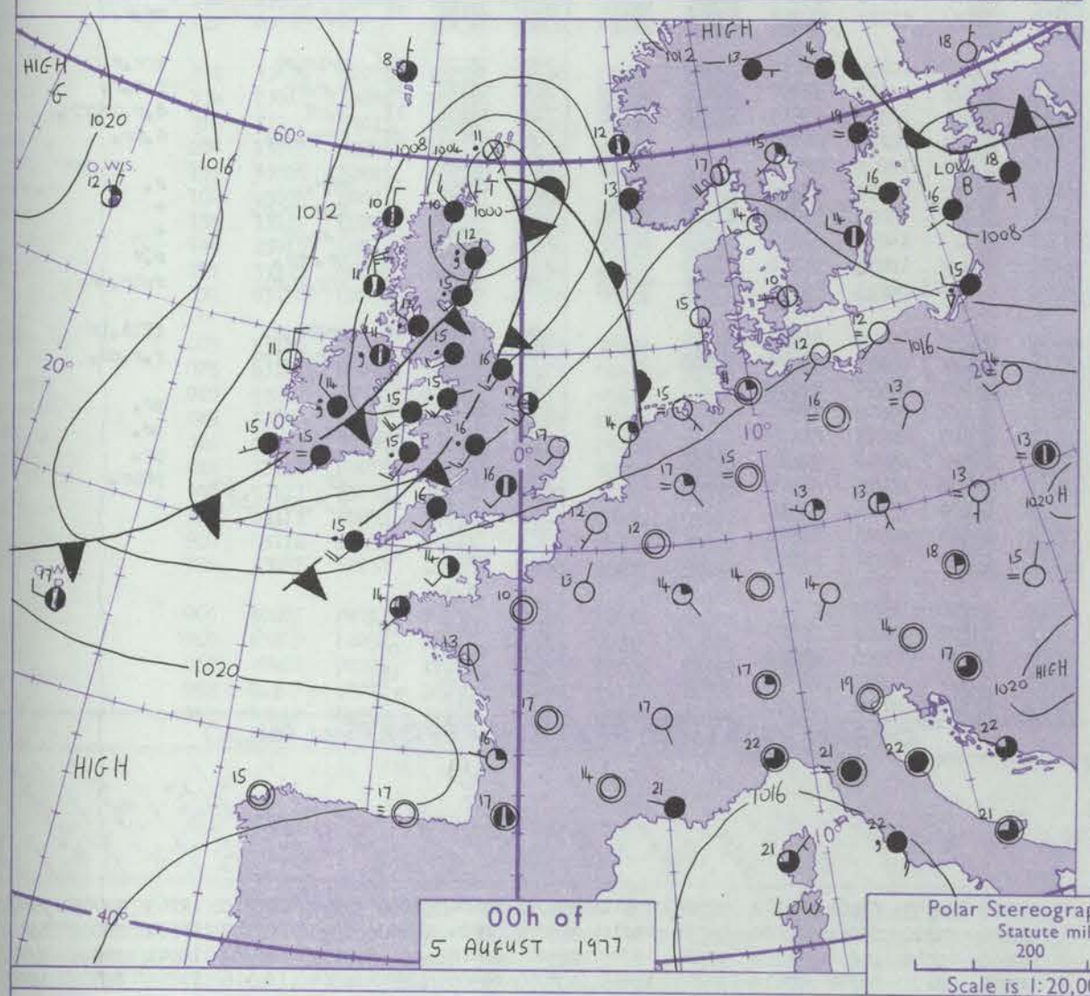
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 5 AUGUST 1977

During the past 24 hours a deepening depression has moved east then northeast across Scotland into the Norwegian Sea, and the associated cold front moved south to clear Scotland and Ireland. The ridge of high pressure from the Azores anticyclone across Biscay to central Europe has persisted. During the next 24 hours the low in the Norwegian Sea is expected to continue to move slowly northeast and start to fill. The cold front will move southeast across remaining parts of the British Isles, and an anticyclone to the south of Iceland is expected to move southeast towards Northern Ireland as pressure rises steadily over the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. 5 AUGUST 1977

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	72113	80022	14814	56438	13807	85713	86275	
Hurn	862	42113	75031	15816	21430	13708	82818	83360	
Manston	797	52212	80021	15213	10932	12805	81362	85075	
Gatwick	776	72008	70022	16114	15478	12803	81615	86360	87275
Kew	775								
Heathrow	772	72211	75032	14916	25432	13801	82617	87075	
Honington	586	72010	70032	13216	20932	12802	82358	87075	
Wattisham	590								
Gorleston	497	02211	66021	13617	00900	13400			
Aberporth	502	82017	40658	10515	6732/	15710	86706	88513	
Filton	628	62406	75032	13716	654//	12710	81618	86628	
Rhoose	715	82610	75032	13616	854//	13808	81710	88625	
Hartland Point	703	82618	74216	13515	884//	14604	85819	88635	
Mount Batten	827	82314	60032	15715	854//	14611	83710	88619	
St. Mawgan	817	82113	65216	14815	854//	13711	85710	88612	
Scilly	804	82318	60606	15115	884//	14713	83817	88620	
Culdrose	809	82217	65032	15315	854//	15611	84710	88620	
Guernsey	894	42312	75011	18414	16232	13806	81704	83075	
Elmdon	534	82115	80602	12016	8097/	11807	86362	88466	
Cardington	559	72510	70022	13716	50972	12802	85460	87075	
Wittering	462	62010	70022	12315	40931	12806	84360	83075	
Watnall	354	82110	65602	11115	15627	10805	81630	86465	88270
Shawbury	414	82013	65602	10316	6547/	14809	83714	86624	88459
Finningley	360	72117	80602	09416	70972	11710	87359		
Spurn Point	396	52113	75012	10717	20981	08802	82360	85075	
Leeming	257	81915	75216	07516	856//	13709	82635	88657	
Tynemouth	262	82004	81606	06016	3552/	14710	83625	88458	
Carlisle	222	82412	58616	04815	6522/	15708	81705	83710	85635
Valley	302	82323	50216	07915	870//	14708	88701		
Ringway	334	82012	65636	09215	854//	13712	81710	88615	
Squires Gate	318	82217	60636	07815	853//	15615	86708	88613	
Ronaldsway	204	82213	59616	06014	852//	13702	82705	85717	88637
Mull of Galloway	131	82418	58636	05113	864//	13205	88715		
Eskdalemuir	162	82018	25616	04313	872//	13603	88703		
Prestwick	135	82911	35636	03913	852//	12305	81703	83704	85706
Abbotsinch	140	82710	62616	02913	853//	12205	82707	83714	86626
Leuchars	171	82310	65636	01815	5542/	14601	82710	84635	88460
Dyce	091	83111	60586	01312	852//	11206	83705	86710	88616
Lerwick	005	91505	00616	99711	9////	11748	89/00		
Wick	075	83114	75026	01810	854//	09304	81710	83618	88624
Sule Skerry	010	83625	66606	04111	855//	08705	88620		
Cape Wrath	049	70512	74606	05209	784//	08205	82815	87620	
Stornoway	026	73612	82028	06710	784//	08207	81818	87630	
Benbecula	022	33515	82258	07511	38400	08213	82816		
Tiree	100	73523	75151	06311	784//	09218	81812	87625	
Aldergrove	917	73313	75508	06611	752//	10315	81704	83707	87635
Malin	980	73323	82026	07713	784//	10219	86817	86630	
Belmullet	976	13613	75026	10611	16400	09220	81718		
Birr	965	83209	58586	08414	873//	13209	86706	88711	
Dublin	969	82312	65216	07215	863//	14204	86706	88709	
Shannon	962	82908	40586	09115	872//	14309	83704	85707	87713
Roches Point	952	82209	60106	10415	863//	14201	83706	85711	88716
Valentia	953	82507	62206	10615	863//	14208	84706	88718	

OBSERVATIONS at 06h. 5 AUGUST 1977

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	72011	78036	13314	754//	13500	82713	84625	87640
Hurn	862	72212	70031	14316	6537/	13603	83706	85618	85360
Manston	797	42111	81011	14614	16382	13303	81708	83358	
Gatwick	776	62106	68022	14714	45480	13301	81710	84616	
Kew	775	62109	78021	13915	45430	12704	84618	83358	
Heathrow	772	62109	72012	13516	35431	12804	83617	85359	
Honington	586	72112	80212	12115	5578/	12602	81650	85656	85359
Wattisham	590								
Gorleston	497	62214	66031	12215	4562/	12602	84630	83460	
Aberporth	502	82716	40616	11315	6732/	14310	86706	88512	
Filton	628	72210	68216	12114	753//	13601	83709	83712	85650
Rhoose	715	72515	75016	11816	7833/	15500	85707	87612	
Hartland Point	703	62618	56016	12415	45380	15307	84706	84635	
Mount Batten	827	82318	35586	13615	872//	15607	84703	88705	
St. Mawgan	817	72508	50016	13415	66131	14303	82702	86703	
Scilly	804	52705	81036	14615	45530	15309	84625		
Culdrose	809	82611	04425	13715	860//	15304	88701		
Guernsey	894	72315	75021	16614	753//	12301	82708	86613	
Elmdon	534	72014	68216	10614	6537/	12501	82708	83619	87360
Cardington	559	62413	68036	12115	38681	13605	82848	83359	85362
Wittering	462	72110	80602	11014	5547/	12400	82615	84650	87359
Watnall	354	82010	75606	09715	873//	13301	82708	88712	
Shawbury	414	72108	82216	09615	4747/	14208	83714	87460	
Finningley	360	72212	80036	08715	755//	13301	85620	87640	
Spurn Point	396	72115	68036	09115	1547/	13504	81615	87360	
Leeming	257	72208	80156	06615	754//	13307	84615	86645	
Tynemouth	262	62414	62028	05815	4367/	14108	84930	86358	
Carlisle	222	73006	80036	07312	784//	11228	81712	84816	86630
Valley	302	63413	75016	11312	684//	10332	82814	86635	
Ringway	334	82209	62216	08815	853//	14310	82707	86618	88640
Squires Gate	318	73114	65216	09213	65431	10324	82615	85650	86075
Ronaldsway	204	23014	86026	09911	28400	08228	81714		
Mull of Galloway	131	33420	82026	09311	38500	10223	82825		
Eskdalemuir	162	50705	84036	07810	52500	07335	85820		
Prestwick	135	73315	81026	08011	784//	09228	82816	83622	85630
Abbotsinch	140	73009	82026	07311	784//	10231	81817	83625	86640
Leuchars	171	70000	86026	06011	784//	10238	81710	87628	
Dyce	091	73112	70216	05210	6547/	09225	83712	85625	87458
Lerwick	005	83122	35106	96110	861//	10500	85702	88710	
Wick	075	73118	60806	05109	784//	08212	85815	86635	
Sule Skerry	010	43423	78016	06210	48500	06216	84620		
Cape Wrath	049	70517	75156	08010	724//	05218	87812		
Stornoway	026	23410	86258	10109	28400	07321	82818		
Benbecula	022	63411	84158	11011	685//	07218	82821	86632	
Tiree	100	43520	82011	11411	48400	07229	81818	84640	
Aldergrove	917	33211	82015	11311	38400	08226	82818		
Malin	980	43320	83031	12712	48500	07326	83820		
Belmullet	976	13412	80011	14811	12500	08221	81820		
Birr	965	03406	70016	13809	00900	08229			
Dublin	969	22810	81016	12810	18502	09233	81820		
Shannon	962	13305	82026	14609	18500	09326	81820		
Roches Point	952	63215	75016	13312	654//	10228	82711	86650	
Valentia	953	10409	82018	14012	18500	09322	81820		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97141	12	r.	r.d.id.
Hurn	862	01151	13	+	r.d.r.ddodr
Manston	797	00120	10	+	+
Gatwick	776	97130	10	+	r.
Kew	775	97140	12	+	d.
Heathrow	772	97150	13	+	d.
Honington	586	91131	12	+	r.r
Wattisham	590				
Gorleston	497				
Aberporth	502	08111	12	r.r.RR	r.r.rrd.d.
Filton	628	01141	12	+	rr.
Rhoose	715	03151	14	r	rr.d.
Hartland Point	703	07151	12		
Mount Batten	827	03141	13	irir.	ir.rrr.r.d.r.
St. Mawgan	817	05141	14	rr	rrd.r.
Scilly	804	04141	11	ir.rrd.d.	pr.
Culdrose	809	01141	14	ir.id.d.d.	d.d.f
Guernsey	894	00130	12	+	+
Elmdon	534	92140	11	ir.r.	r.rd.r.ir.
Cardington	559	01141	11	+	ir.ir
Wittering	462	95141	13	+	r.r
Watnall	354	93130	11	ir.r.r.	r.ir.
Shawbury	414	01131	06	r.r	r.r
Finningley	360	01141	12	r.r	r.
Spurn Point	396			r.r.	r.r.
Leeming	257	96150	13	r.	r.r
Tynemouth	262	02131	13	r.r.ir.pr.	ir.
Carlisle	222	05121	11	r.r.Rr	rr.r.
Valley	302	05121	11	irir.rr	rrr.r.
Ringway	334	03121	12	r.r.rr	r.d.r.
Squires Gate	318	12131	11	r.rR	d.r.drRrr.
Ronaldsway	204	02111	08	DRrr.r.d.	d.pr.
Mull of Galloway	131	05091			
Eskdalemuir	162	08091	06	rRr.	r.
Prestwick	135	08111	09	Rirrrr.r.	+
Abbotsinch	140	02091	08	r.r.rr	+
Leuchars	171	04111	11	ir.rrr.	r.r
Dyce	091	06091	09	rRr.d.r.	rrRr.pr.
Lerwick	005	15072	07	rrFFr.r.	iFid.ir
Wick	075	01091	08	rrr.r.ir.	r.r.pr.
Sule Skerry	010	97080	07		
Cape Wrath	049	92081	08	ir.	pr.
Stornoway	026	95071	05	pr.	pr.
Benbecula	022	95101	07	pr.	pr.
Tiree	100	96101	09	jp	prpr.
Aldergrove	917	02101	08	r.r.Rd.r.id.	+
Malin	980	0711	09		
Belmullet	976	0110	08		
Birr	965	0108	05		
Dublin	969	0210	08		
Shannon	962	0409	07		
Roches Point	952	9712	11		
Valentia	953	9412	10		

Code FM 21.V — 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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$dwdwP_wH_wH_w$
C	99527	70355	05001	82912	97535	18011	864//	00209	/////	/////	05311	11327	3////	/////
L	99570	70199	05004	33604	98030	19011	38500	00106	81820	83630	0//10	11319	30301	03805
M	99660	10019	05004	42710	97021	11209	38461	00106	/////	/////	05304	11050	30302	/////
R	99471	70171	05004	72812	97218	19716	785//	00104	81820	87640	0//16	11729	30502	30603

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$dwdwP_wH_wH_w$
C	99527	70355	05061	82812	97505	17611	864//	00604	/////	/////	05210	11265	3//05	/////
L	99570	70200	05064	50000	98031	19211	58500	00804	81820	84630	0//07	11304	30000	03804
M	99660	10019	05064	60000	97021	10709	22541	00810	/////	/////	05304	11041	30000	/////
R	99471	70170	05064	73115	97018	19516	785//	00500	82820	87640	0//16	11768	30502	30703

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42261

Date of Issue SATURDAY 6 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 5 AUGUST 1977

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	71909	82026	14320	784//	14004	84818	83625	
Hurn	862	72309	62206	15417	783//	16105	83706	85809	87610
Manston	797	72514	78211	15319	6847/	14307	81818	85635	86362
Gatwick	776	82213	62216	16116	873//	15209	85708	88713	
Kew	775	72109	80216	15418	754//	14210	84713	87616	
Heathrow	772	72206	72216	15219	754//	14211	84615	86620	
Honington	586	62113	80016	13419	68402	14110	84815	83632	
Wattisham	590								
Gorleston	497	82218	66026	13819	856//	14211	88630		
Aberporth	502	33612	82016	16214	32500	11220	83820		
Filton	628	72812	72606	14518	784//	16111	82712	84618	87635
Rhoose	715	62513	72016	14320	38331	16311	81709	83814	86360
Hartland Point	703	70107	80026	15315	754//	15119	85710	87645	
Mount Batten	827	72308	65016	15718	6843/	16210	81711	85818	87359
St. Mawgan	817	72710	70026	15518	78200	15211	81703	84806	
Scilly	804	72404	71028	16717	784//	16210	84815	87625	
Culdrose	809	72411	57025	15918	782//	15211	81705	84817	
Guernsey	894	82112	65216	17615	850//	15104	82701	86707	87645
Elmdon	534	73310	75016	14316	755//	11124	84620	87650	
Cardington	559	82712	68036	13820	885//	14208	85825	88640	
Wittering	462	62911	80256	13418	4853/	14215	82822	83635	85360
Watnall	354	42809	83016	13718	48500	10227	82824		
Shawbury	414	53311	81016	14717	58600	11224	82830	84645	
Finningley	360	23015	82016	13019	28600	07227	82830		
Spurn Point	396	62917	70016	12917	656//	12228	86630		
Leeming	257	63612	75011	13017	68600	09231	84830		
Tynemouth	262	83518	81026	13412	856//	10240	88635		
Carlisle	222	60108	85031	12916	68500	08224	84825	83640	
Valley	302	33615	82021	16216	32500	08221	83820		
Ringway	334	73012	83036	14316	786//	08225	86830		
Squires Gate	318	23212	84011	14416	28500	11225	82822		
Ronaldsway	204	23217	82028	15315	28401	08226	82817		
Mull of Galloway	131	33525	82020	14815	32501	08223	83825		
Eskdalemuir	162	43606	84011	12815	48500	07126	82825	83650	
Prestwick	135	13117	88021	13915	11600	08224	81830		
Abbotsinch	140	23013	88011	13216	21600	05125	82830		
Leuchars	171	33115	86018	12215	31600	04226	83835		
Dyce	091	63116	82038	11513	68500	06231	81820	83824	85645
Lerwick	005	53126	65016	04211	48331	06239	81707	83814	
Wick	075	63121	86018	10812	684//	04227	85818		
Sule Skerry	010	53222	81031	11312	58500	06228	82820	85625	
Cape Wrath	049	33618	80808	12510	33500	08225	83920		
Stornoway	026	53113	80158	13913	58431	05219	84818		
Benbecula	022	13111	89018	15113	12500	08219	81825		
Tiree	100	53113	84038	16014	58400	08220	83818		
Aldergrove	917	63411	86031	16015	62500	08222	83825	85834	
Malin	980	53112	86031	16814	58500	08221	85821		
Belmullet	976	33407	85030	18415	32500	08216	83820		
Birr	965	50207	84011	17016	525//	09111	85826		
Dublin	969	63209	84031	16615	655//	08215	86625		
Shannon	962	40408	84021	17116	48600	07209	82830	83640	
Roches Point	952	41107	83031	16916	48500	10116	84821		
Valentia	953	10412	84020	17117	18500	08112	81824		

OBSERVATIONS at 18h. 5 AUGUST 1977

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	72407	81028	16318	784//	15211	82818	87645	
862	73205	70801	16818	784//	15209	83818	86630	
797	72310	78026	16518	754//	15304	81712	85640	86650
776	72109	68036	17017	5847/	15304	84811	83640	86360
775	72212	72606	16818	754//	15313	83715	87630	
772	72407	68608	16618	754//	16315	83712	85628	87638
586	80309	70258	16317	884//	14316	83816	86625	88645
590								
497	70314	66208	17516	5552/	11325	85625	87458	
502	13513	75020	18214	11501	09209	81822		
628	70508	82036	16119	785//	14206	83825	85645	
715	72609	83031	16118	18571	14107	81820	86359	
703	60108	89032	17215	68500	13103	81820	86630	
827	72106	61216	17116	783//	16105	81706	84622	87640
817	73105	70022	17017	783//	14304	82706	83812	87635
804	80000	40215	17916	861//	15302	88702		
809	72205	70022	17317	7842/	15206	81814	84622	
894	52510	75035	18317	25230	15104	82705	84360	
534	13509	80021	16919	14700	06214	81650		
559	73302	67608	16518	7567/	15310	82630	87640	
462	53607	70031	16620	11680	07315	81840	84362	
354	13501	82020	16619	11600	07212	81840		
414	23408	82011	17616	21600	10214	82835		
360	30909	82011	16817	32660	11220	83840		
396	20312	75021	18015	11501	10225	81820		
257	20807	82031	17117	28600	08112	81830		
262	31405	81021	17614	30930	10212	83358		
222	13109	86011	16218	18600	08214	81830		
302	10112	84020	18616	00901	06208	81075		
334	23007	82011	17417	24600	09214	82635		
318	13312	84020	17616	18531	10214	81825		
204	13513	89020	18415	11501	06213	81827		
131	23519	85020	18613	12530	08214	81825		
162	12911	88011	16815	12601	05319	81830		
135	23114	88020	18115	11641	08215	81830		
140	12912	88020	17016	11601	06116	81835		
171	30915	86021	16715	38601	09223	83840		
091	23109	86018	16114	11540	06120	81825		
005	42722	75258	10610	48400	07227	84816		
075	22917	86011	15612	22500	05222	82824		
010	33020	82021	14812	32500	08213	83820		
049	32712	84018	15911	32500	06218	83825		
026	53113	86028	17013	52500	06216	85820		
022	52711	89031	18013	58500	07212	85827		
100	23112	89021	18914	12402	08213	81818		
917	23508	86011	19015	11532	07210	81825		
980	43208	89031	19613	32502	07315	83822		
976	33308	88011	19915	22502	09303	82820		
965	70603	85032	18417	62552	07204	86825		
969	51010	86021	18616	22602	08006	82835	84070	
962	30707	86021	18219	35602	08101	83635		
952	71108	83031	18315	11504	11305	81825	87074	
953	50806	84031	17717	22539	10500	82826	83170	

OBSERVATIONS during DAY

iii	RRT T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	97210	019	d.d.-d.r.pr.	pr.d.r.
862	01210	039	drd.d.	pr.
797	97200	041	r.	r.
776	92180	014	d.r.drd.	r.
775	94221	031	d.ir.	r.ir.r.r.r
772	94221	029	d.d.r.	pr.r.r.
586	01221	010	r.pr.pr	pr.
590				
497		016		
502	00151	091	+	+
628	97210	005	r.	pr.
715	97210	032	d.-d.r.	+
703	01160	011		
827	97181	025	r.d.	d.r.d.
817	97191	036	d.	d.d.
804	01192	003	prid	ff
809	97180	018	id.	+
894	96180	014	d.r.fd.d.F	+
534	01200	071	d.r.Rr.	+
559	95230	019	d.pr	pRir.
462	97210	052	pr.	+
354	97200	083	ir.	+
414	00190	090	+	+
360	97210	079	ir.	+
396			ir.	+
257	00170	103	+	+
262	97150	071	ir.	+
222	00190	086	+	+
302	00171	130	+	+
334	00181	090	+	+
318	00171	127	+	+
204	00160	136	+	+
131	00150			
162	00181	109	+	+
135	00161	125	+	+
140	00171	116	+	+
171	91181	099	pr	+
091	91151	117	pr.	jp
005	01111	061	irpr.	pr.
075	00141	110	+	+
010	00130			
049	97121	095	pr.	+
026	94141	125	pr.	+
022	00141	133	+	+
100	00151	137	+	+
917	00171	146	+	+
980	0015	136		
976	0016	133		
965	0018	107		
969	0018	130		
962	0019	101		
952	0018	120		
953	0019	121		

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

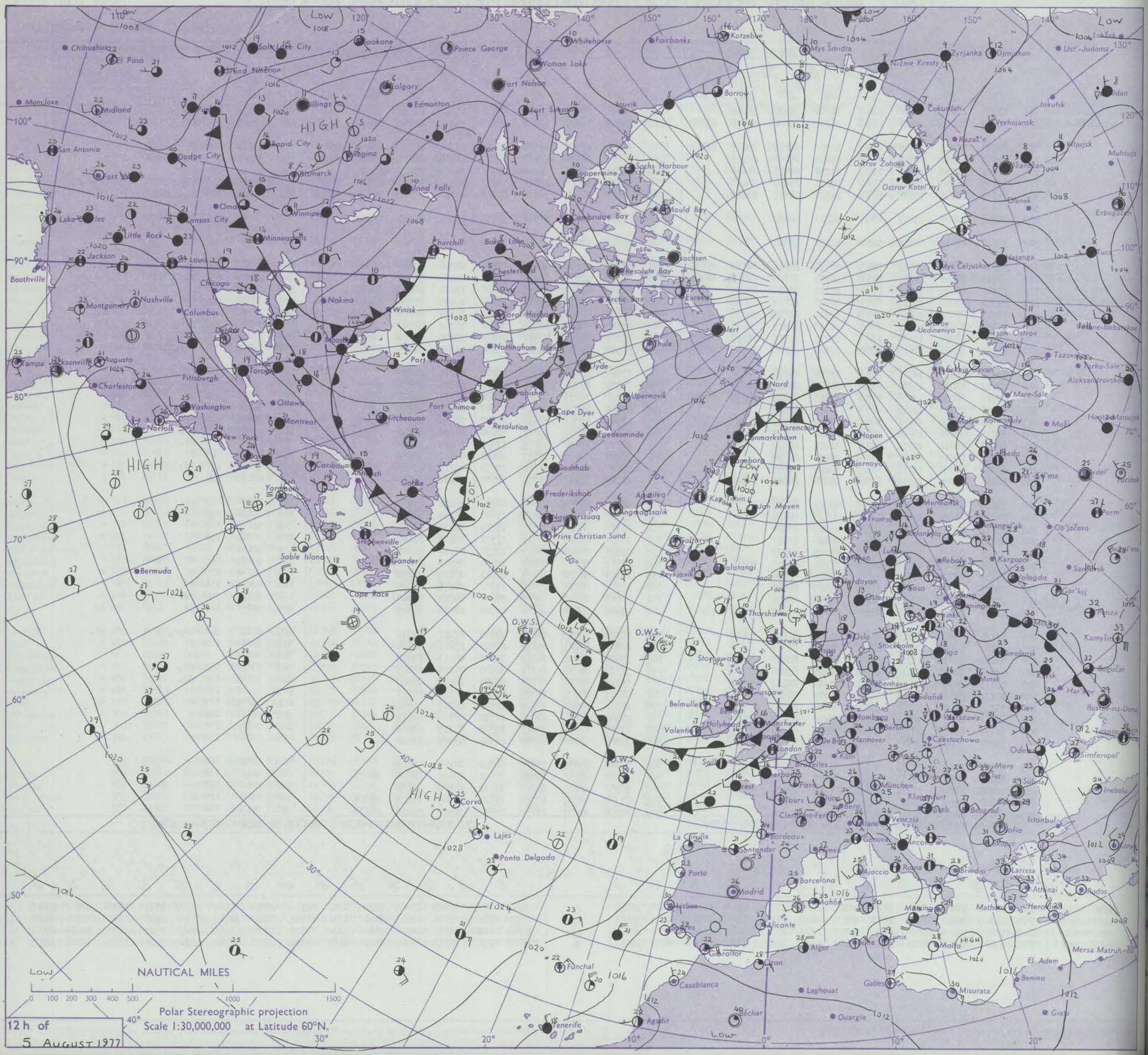
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_apP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05121	72812	98015	17911	78500	00400	/////	/////	05309	11306	30605	/////
L	99570	70200	05124	61610	98032	18912	38502	00603	82825	86075	0//09	11322	30403	99/04
M	99660	10019	05124	80618	97808	07409	5946/	00721	/////	/////	05307	11061	30503	/////
R	99471	70171	05124	53112	98018	21216	58500	00111	82820	84645	0//15	11736	30703	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_apP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05181	82909	98025	17611	855//	00604	/////	/////	05210	11266	3////	28005
L	99570	70200	05184	71615	98012	17312	1243/	31610	81818	87364	0//07	11337	30503	99/04
M	99661	10016	05184	80326	96636	01109	5742/	00728	/////	/////	05209	11055	30605	/////
R	99471	70171	05184	72909	98031	21617	68502	00001	81820	86640	0//16	11784	30000	30703

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Chihuahua
El Paso
Monclova
Midland
San Antonio
Fort Worth
Dodge City
Lake Charles
Little Rock
Jackson
Boothville
Tampa
Jacksonville
Augusta
Charleston
Montgomery
Nashville
Columbus
Pittsburgh
Washington
Norfolk
New York
Bermuda
Cape Race
Stephenville
Sable Island
Yarmouth
Caribou
Gaspé
Mitchell
Toronto
Ottawa
Montreal
Chicago
Omaha
Kansas City
Minneapolis
St. Louis
Winnipeg
Billings
Rapid City
Bismarck
Regina
Prince Albert
Grand Junction
Salt Lake City
Spokane
Prince George
Calgary
Edmonton
Fort Nelson
Fort Simpson
Fort Smith
Watson Lake
Whitehorse
Inuvik
Fairbanks
Kotzebue
Barrow
Mys Šmidta
Niznie Kresty
Zyrjanka
Ojmjakon
Ust'-Judoma
Lokčak
Čokurdah
Jakutsk
Oldan
Verhojansk
Kazač'e
Ostrov Žohova
Ostrov Kotel'nyj
Žigansk
Viljujsk
Muhtuja
Olenek
Erbogačen
Tura
Dikson Ostrov
Mys Čeljuskin
Dudinka
Uedineniya
Tazovskoje
Turuhansk
Aleksandrovskoje
Mare-Sale
Molye Kamenkuly
Muži
Hanty-Mansijsk
Tobolsk
Ob'jačevo
Perm'
Sverdlovsk
Turinsk
Kargopol
Vologda
Gor'kij
Kazan'
Penza
Kamyšin
Saratov
Volgograd
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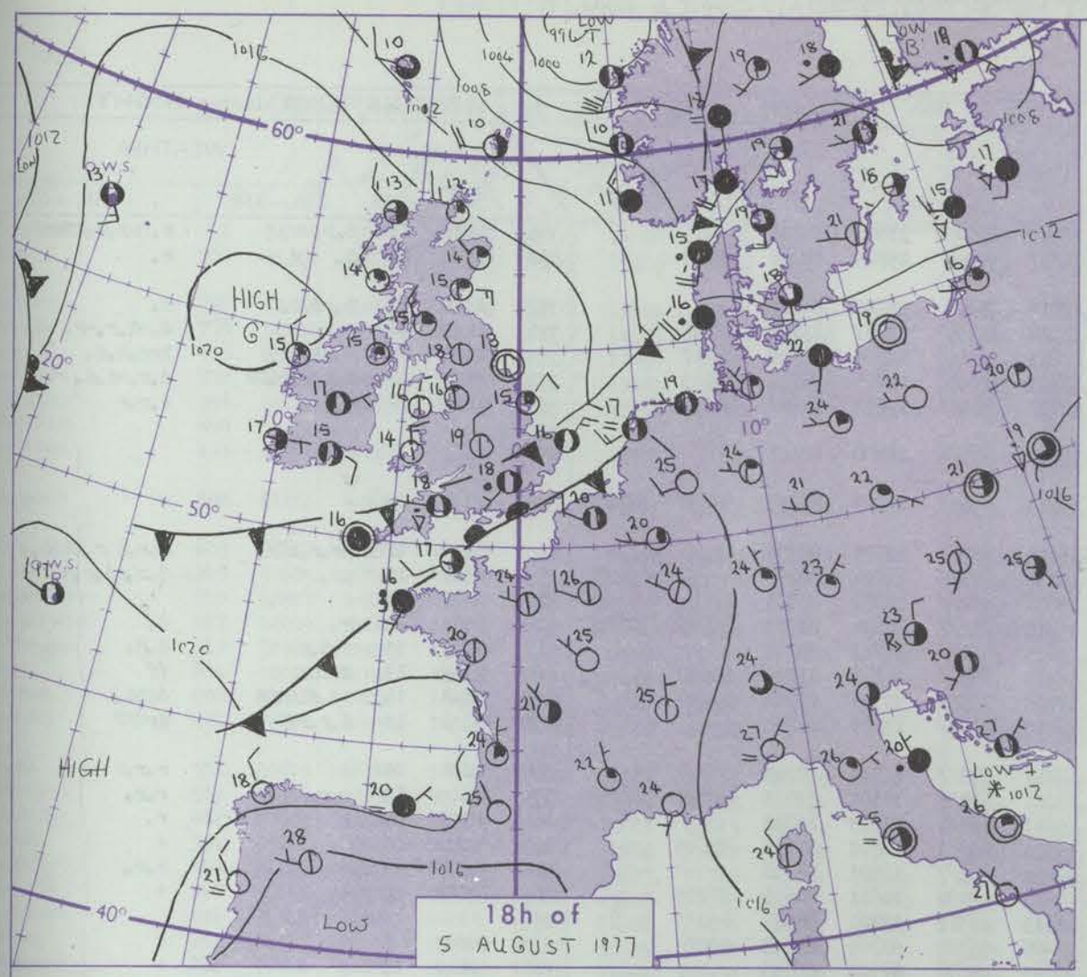
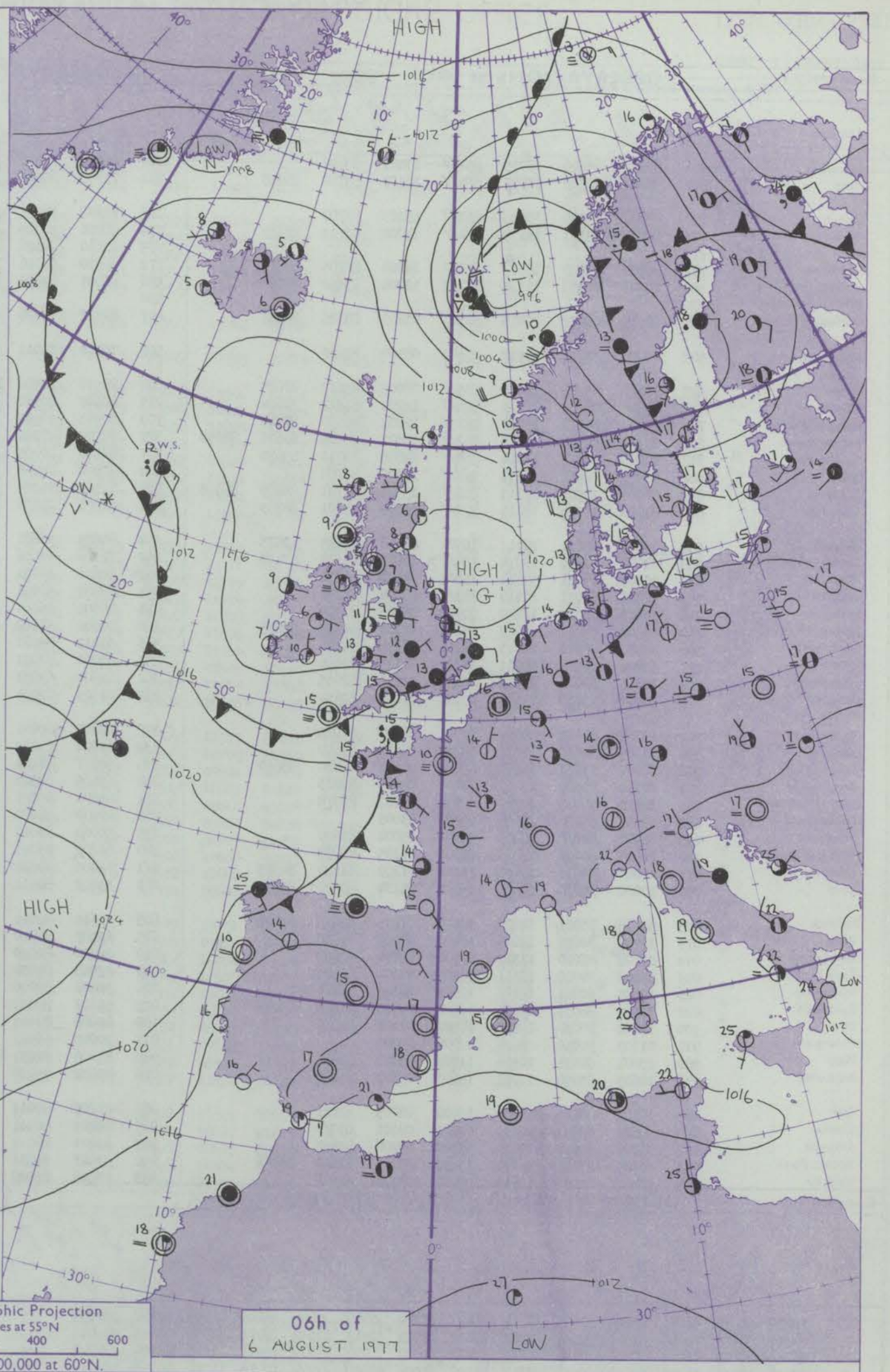
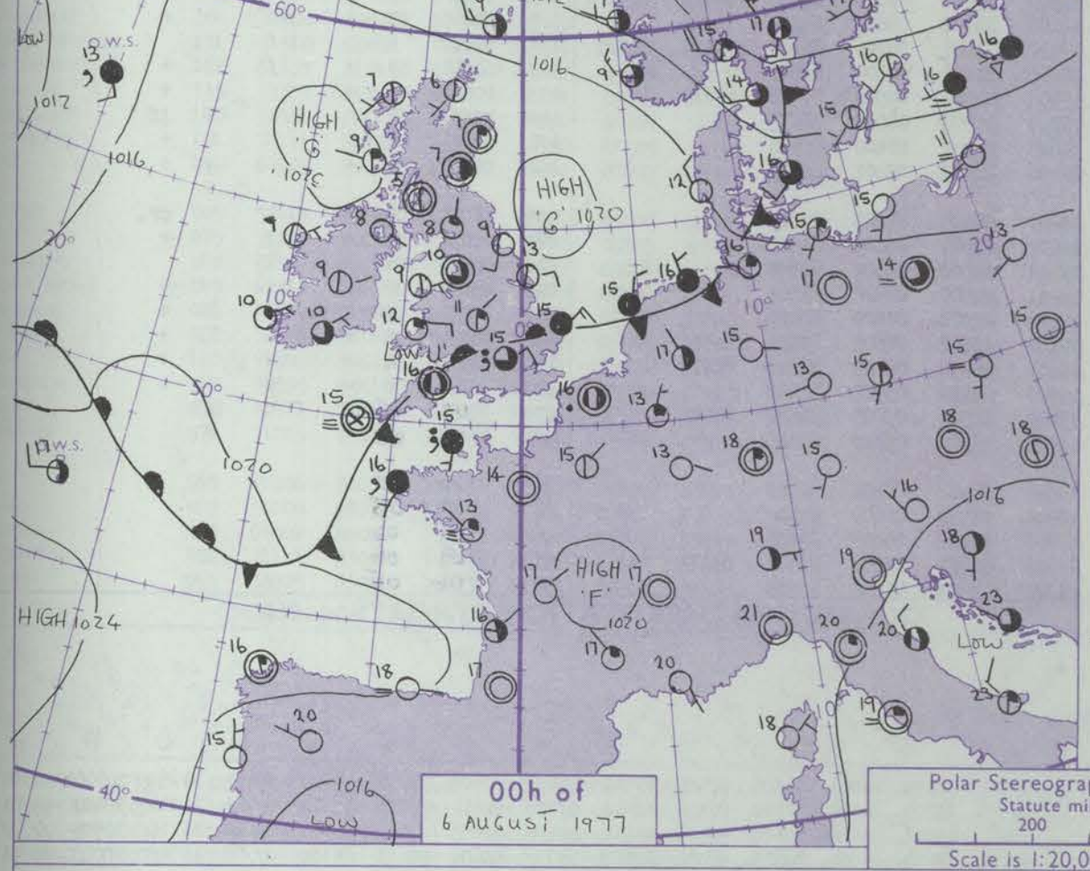
Rodos
Heraklion
Mathraki
Malta
Tunis
Alger
Cran
Ajaccio
Roma
Barcelona
Mahón
Palma
Alicante
Gibraltar
Casablanca
Agadir
Laghouat
Ouargla
Béchar
Gabes
Misurata
Benina
El Adem
Mersa Matruh
Gialo
Tenerife
Funchal
Lajes
Ponta Delgado
Corvo
Porto
Madrid
Lisboa
Santander
La Coruña
Bordeaux
Nantes
Brest
Paris
Tours
Dijon
Bern
Clermont-Ferrand
München
Köln
Hannover
Berlin
Hamburg
Frankfurt
Stuttgart
Czestochowa
Warszawa
Kiev
Minsk
Smolensk
Riga
Gdańsk
Kobenhavn
Oslo
Stockholm
Bodø
Tromsø
Murmansk
Arkhangel'sk
Petrozavodsk
Kandalaksha
Luleå
Umeå
Östersund
Sundsvall
Rörbäck
Reboly
Sarajevo
Tirana
Skopje
Sofia
Thessaloniki







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 6 AUGUST 1977

During the past 24 hours a depression in the Norwegian Sea moved northeastwards and an anticyclone to the northwest of Ireland transferred to the North Sea whilst a frontal trough became slow-moving over southern districts of England. During the next 24 hours the anticyclone in the North Sea is expected to move slowly northeast whilst the frontal trough over southern England moves away eastwards and a shallow low over the Atlantic moves towards Ireland.

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

Code FM 11.V **OBSERVATIONS at 00h.** 6 AUGUST 1977

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	81202	65606	17715	854//	13101	88618		
Hurn	862	81902	62508	17917	854//	16102	83710	88618	
Manston	797	82202	59026	18016	863//	15103	88709		
Gatwick	776	72002	45101	18115	754//	14002	81711	87619	
Kew	775								
Heathrow	772	80509	38586	18315	852//	14204	86705	88615	
Honington	586	70706	70018	19114	757//	12004	83650	87657	
Wattisham	590								
Gorleston	497	80515	66022	20015	5152/	11209	85825	88458	
Aberporth	502	20808	82031	18512	25600	08500	82640		
Filton	628	70410	65258	18014	755//	09005	83622	87625	
Rhoose	715	80810	78038	17715	884//	11205	81818	88624	
Hartland Point	703	70000	89022	17714	4573/	12802	84650	87360	
Mount Batten	827	82102	57105	17416	852//	15802	83704	84626	88650
St. Mawgan	817	80605	40515	17314	854//	14805	83710	88620	
Scilly	804	90000	02455	18215	9////	15802	89/00		
Culdrose	809	80000	20505	17315	850//	15805	81701	85709	88618
Guernsey	894	81906	15586	18715	870//	15803	85701	88703	
Elmdon	534	30301	64111	19411	15501	00106	81625	83075	
Cardington	559	71004	62026	19214	755//	12208	83629	87656	
Wittering	462	10405	68031	19811	15601	10105	81630		
Watnall	354	70406	60031	20110	763//	09204	87707		
Shawbury	414	30603	75020	19210	00902	08003	83075		
Finningley	360	63302	75011	20009	25602	08108	82635	86075	
Spurn Point	396	10810	80020	20413	10971	10105	81360		
Leeming	257	31702	84021	20911	35700	09113	83650		
Tynemouth	262	31710	69021	20712	25630	11212	82635		
Carlisle	222	20202	80030	19508	25700	07009	82650		
Valley	302	10704	80020	19709	00901	08500	81075		
Ringway	334	21205	70010	19711	15701	08303	81650		
Squires Gate	318	60000	75031	19110	656//	09101	82630	85650	
Ronaldsway	204	20112	89030	19211	00901	08103	82075		
Mull of Galloway	131	10110	86010	20109	00901	08102	81075		
Eskdalemuir	162	03102	85020	20604	00900	03008			
Prestwick	135	10000	84010	20305	00901	05004	81080		
Abbotsinch	140	22505	86030	19808	00901	06105	82075		
Leuchars	171	40000	80011	19607	15702	07209	81650	84075	
Dyce	091	30000	84030	20107	15602	05114	81630	83075	
Lerwick	005	52715	75021	14809	58400	07215	83815	83625	
Wick	075	12405	82020	18606	18400	05208	81818		
Sule Skerry	010	23208	81020	17311	22500	07104	82820		
Cape Wrath	049	33209	84020	17811	32500	08104	82825		
Stornoway	026	12404	82021	19107	12501	06105	81820		
Benbecula	022	32405	88031	19711	12502	08205	81825	83075	
Tiree	100	32802	89030	20509	28502	07102	81820		
Aldergrove	917	01102	84010	20408	00900	05000			
Malin	980	23601	89031	20509	11502	06802	81822		
Belmullet	976	10605	83030	19907	15602	05801	81640		
Birr	965	10702	80011	19509	15600	08003	81638		
Dublin	969	30607	82031	20111	00902	08101	83070		
Shannon	962	31006	82021	19414	35700	09206	83650		
Roches Point	952	60305	83021	19210	15632	09801	81640	86074	
Valentia	953	20404	82031	18610	22500	09802	82826		

OBSERVATIONS at 06h. 6 AUGUST 1977

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	80810	20516	16513	870//	13503	88701		
862	71702	60015	16317	753//	15705	82708	85625	
797	72202	58015	17015	754/1	15702	86612		
776	80806	50215	17314	872//	13701	83705	88709	
775	80610	62026	17813	863//	12704	85708	88712	
772	80510	62016	17613	854//	11705	84710	88615	
586	80907	64615	18712	885//	11602	81820	88632	
590								
497	80812	66606	19213	855//	10400	88625		
502	70906	70011	16713	5563/	09709	82635	85650	87360
628	80507	20586	16612	873//	12705	88706		
715	80609	40582	16213	873//	11704	88707		
703	80503	56505	15814	872//	14808	88703		
827	70000	57206	15715	752//	15704	81703	85705	87620
817	80000	20205	15615	870//	14703	88701		
804	70000	04465	16415	6537/	14708	83709	86620	
809	72502	56205	15715	7833/	14706	81708	87630	
894	81808	03596	16415	870//	15609	88700		
534	80605	56601	18512	872//	11801	88703		
559	71106	62606	18911	6543/	10101	81715	85650	87360
462	70606	65031	19011	664/1	10803	86713		
354	70409	50051	19511	65481	10802	81615	85645	
414	80502	56041	18411	863//	11507	88706		
360	70402	57102	19811	45482	10601	84616	87075	
396	51012	75021	20313	18572	10701	81825	85075	
257	60000	82021	20409	55401	08705	84613	83078	
262	61807	69031	20711	65630	09503	86635		
222	71103	72031	19307	22632	07703	82830	87073	
302	73604	80021	17911	38411	10709	81815	83650	86072
334	71004	80021	18712	18604	09705	81830	87075	
318	50907	57101	18909	25602	09603	82630	84075	
204	63605	89021	18108	18602	06809	81830	86075	
131	63606	85021	19009	11531	08706	81825	83360	86075
162	20000	84030	20505	21500	04400	82825		
135	50000	86011	19905	18444	04502	81818	85075	
140	62202	75031	19705	00904	04000	86075		
171	72403	68031	19608	763//	07400	87708		
091	33602	84011	20106	28401	05801	81815		
005	22611	82011	15809	28400	07208	81815		
075	12507	88020	18907	18501	06103	81820		
010	22710	82020	17811	22500	09304	82820		
049	22513	84030	18211	22500	08400	82825		
026	32406	82020	19108	22502	07400	82820		
022	51702	89031	19108	18532	07605	81825	84366	
100	60000	89111	19809	18432	08703	81818	85070	
917	30605	56401	19506	12432	05712	81818		
980	51906	89031	19409	12532	07805	81822	84075	
976	40802	85030	18009	45600	07712	84642		
965	21203	80011	18606	18502	06708	81820		
969	20205	86011	18810	18532	08609	81820		
962	41201	88111	18009	45702	09608	84650		
952	33507	81031	17610	10971	07608	81361	83074	
953	10305	82020	17307	15601	07608	81635		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_g$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	04131	13	d.r.-r.	r.Rrd.d.ffdrf
862	91161	14	d.	r.
797	91150	15	d.-d.d.	d.
776	01131	13	r.r	d.-d.r.-r.
775	07121	13	r.rRr.r.	Rrr.d.d.
772	03131	12	d.r.d.r.DR	d.r.-d.d.
586	01111	11	d.-r.	r.r.r
590				
497				
502	00121	08	+	+
628	01121	11	pr.r.d.r.	d.r.d.r.DRid.
715	01121	12	pr.	d.r.rd.r.d.
703	94131	13		
827	97151	15	r.	d.
817	01141	13	d.d.d	d.d.
804	92140	13	ffid.	ff
809	03141	14	id.d.d.dd	ddid.
894	15152	15	d.r.FF	drRRF
534	95101	05	+	r.r.r
559	92110	10	r.r.	r.r.
462	97101	09	+	r.
354	00090	05	+	+
414	97071	02	+	r.r.
360	00080	03	+	+
396				
257	00080	05	+	+
262	00110	08	+	+
222	00050	01	+	+
302	00080	04	+	+
334	00100	06	+	+
318	00071	03	+	+
204	00060	03	+	+
131	00070			
162	00011	53	+	+
135	00031	01	+	+
140	00031	51	+	jf
171	00061	02	+	+
091	00031	51	+	+
005	01081	05	+	pr.
075	00051	50	+	+
010	00090	06		
049	00091	08	+	+
026	00051	01	+	+
022	00081	02	+	+
100	00071	52	+	+
917	00041	00	+	+
980	9707	05		
976	9706	02		
965	9706	03		
969	9709	05		
962	9708	06		
952	9709	06		
953	9706	05		

Code FM 21.V **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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06001	83008	97505	18311	864//	00104	/////	/////	05209	11254	3////	30/05
L	99569	70201	06004	81510	98502	15012	2247/	00709	82818	83458	0//10	11338	30603	99/04
M	99660	10013	06004	80312	97606	98110	5742/	00708	/////	/////	05011	11119	30504	/////
R	99471	70171	06004	52608	98031	22017	55700	00001	85650	/////	0//16	11741	30000	30703

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06061	83506	97505	17511	864//	00605	/////	/////	05111	11269	3////	30/04
L	99570	70200	06064	81114	97586	12512	5732/	21611	83706	85712	0//11	11311	30403	99/03
M	99661	10012	06064	83620	97806	96810	894//	00603	/////	/////	05111	11116	30504	/////
R	99471	70170	06064	82612	97032	20617	6573/	00604	86650	88360	0//17	11785	30000	30703

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 42262

ISSN 0307–2541

Date of Issue SUNDAY 7 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 6 AUGUST 1977

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	81107	56206	15617	862//	15706	86704	88707	
Hurn	862	81306	82216	15717	853//	16806	81708	88612	
Manston	797	83303	50586	16917	883//	15604	82706	84708	86615
Gatwick	776	80707	34595	16815	872//	15805	86704	88706	
Kew	775	80909	40606	17314	872//	13805	85705	88707	
Heathrow	772	80809	40516	17114	872//	13803	82704	88707	
Honington	586	80710	50586	18213	852//	13706	83704	86706	88617
Wattisham	590								
Gorleston	497	80720	48616	18513	874//	12807	88710		
Aberporth	502	81203	45615	16214	853//	13803	84708	88625	
Filton	628	80607	50216	15915	853//	14805	85706	88617	
Rhoose	715	80609	57106	15514	862//	14805	82703	88704	
Hartland Point	703	62807	64015	15715	5723/	15801	85705		
Mount Batten	827	42009	80011	15419	38531	15802	81820		
St. Mawgan	817	52907	75025	15218	58370	14804	81707	83810	85626
Scilly	804	70000	50404	16818	38439	15104	82814	83360	85175
Culdrose	809	52410	75031	15418	48401	15802	83812	83625	
Guernsey	894	72410	50056	16416	7613/	15000	81702	87703	
Elmdon	534	80810	66216	17614	854//	11807	83615	88645	
Cardington	559	81006	23636	18113	852//	13804	86705	88612	
Wittering	462	80909	80026	18415	854//	10803	86615	88650	
Watnall	354	80712	70606	18514	3147/	12808	83812	88358	
Shawbury	414	81108	59616	17414	3542/	11807	81710	83618	88459
Finningley	360	71111	84032	18718	38572	09807	82825	83650	85359
Spurn Point	396	71016	80021	20115	5857/	10802	83820	85635	87360
Leeming	257	61310	86012	19318	21608	08708	82840	86275	
Tynemouth	262	71414	80022	20414	12631	11602	81830	84359	87075
Carlisle	222	71608	82032	18118	38632	08709	82830	86075	
Valley	302	72404	81022	16717	756//	10705	81635	87645	
Ringway	334	71308	80022	17817	68432	08808	81815	86650	
Squires Gate	318	71310	81012	17620	38532	10709	81825	83650	85362
Ronaldsway	204	71010	60021	17716	784//	12802	81712	84650	
Mull of Galloway	131	71510	80032	18215	22571	11705	82825	87360	
Eskdalemuir	162	61307	81011	18216	52602	08606	85830	83075	
Prestwick	135	33308	85011	18217	22401	09608	82818		
Abbotsinch	140	30304	84011	18317	11531	07708	81828		
Leuchars	171	71111	82032	19116	32502	11705	83825	86075	
Dyce	091	60805	86011	19614	32402	07603	83818	84075	
Lerwick	005	52414	82018	17412	22401	09207	82816	84075	
Wick	075	71207	80251	19212	58432	08203	85818		
Sule Skerry	010	52907	81011	19013	2256/	09206	82820	85360	
Cape Wrath	049	62310	84151	19012	33509	09102	83925	83170	
Stornoway	026	71610	80038	19213	784/2	08001	85818	83640	
Benbecula	022	72406	86012	19115	12432	08000	81818	84360	85072
Tiree	100	51606	89012	19415	28532	09801	82822	84072	
Aldergrove	917	30505	89011	17916	11532	05809	81825		
Malin	980	50711	89021	18814	12536	08602	81822	85280	
Belmullet	976	71703	87031	17118	22532	08605	82821	83359	85070
Birr	965	70306	84031	17116	525/2	05808	85824	84070	
Dublin	969	50209	88031	17316	21532	07807	82825	84070	
Shannon	962	60902	88031	17017	48562	09709	83825	84360	
Roches Point	952	71113	83021	16815	18586	07805	81820	87272	
Valentia	953	52805	86011	16517	48532	09807	81827	83656	

OBSERVATIONS at 18h. 6 AUGUST 1977

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	83402	56508	14016	851//	15607	83702	88650	
Hurn	862	72310	80032	14418	38431	14505	81710	83650	87070
Manston	797	70506	59215	15317	5537/	15609	81708	85645	87360
Gatwick	776	82003	56046	14917	853//	16608	85707	88610	
Kew	775	81205	35616	14916	872//	15711	86704	88706	
Heathrow	772	80706	35516	14516	872//	15613	84703	88706	
Honington	586	80610	70215	16413	873//	12710	87707	88710	
Wattisham	590								
Gorleston	497	80416	40626	16814	872//	13712	88704		
Aberporth	502	80405	70036	15015	884//	13508	81815	88625	
Filton	628	80405	67035	14915	854//	14506	84710	88615	
Rhoose	715	80507	64022	14715	853//	14606	83709	86632	88645
Hartland Point	703	70605	64022	15016	16431	15803	81710	86360	
Mount Batten	827	72410	64151	14617	38432	15607	81712	85360	86080
St. Mawgan	817	63207	82022	15017	38472	13604	82816	85075	
Scilly	804	70000	65258	15917	4547/	16604	84615	84360	
Culdrose	809	72905	80032	14917	58432	15604	81710	84812	85070
Guernsey	894	72305	57056	15716	781//	15606	81702	83706	87640
Elmdon	534	80806	42636	16113	7722/	12709	81704	86706	87711
Cardington	559	80808	45616	16013	873//	13711	88706		
Wittering	462	80608	40516	16813	852//	12709	85704	88630	
Watnall	354	80611	68216	17413	7842/	10604	82815	87630	88459
Shawbury	414	80705	65586	16114	854//	12707	82712	88620	
Finningley	360	80807	82616	17714	6857/	11606	81820	86650	88459
Spurn Point	396	70815	75016	18514	5857/	11711	83820	85635	87360
Leeming	257	51312	86031	18117	11651	07606	81845	85360	
Tynemouth	262	31414	81021	19014	30930	11710	83360		
Carlisle	222	71508	84032	16718	58632	09606	82835	84650	86075
Valley	302	83306	75606	15915	855//	11507	83620	88632	
Ringway	334	81010	72606	16715	854//	10709	81710	88650	
Squires Gate	318	71412	80032	16617	4577/	08504	84656	87360	
Ronaldsway	204	70707	65042	16315	1853/	11608	81822	87358	
Mull of Galloway	131	70000	80022	16815	48531	09610	83825	83630	
Eskdalemuir	162	60906	82022	16716	54632	09608	84838	85075	
Prestwick	135	52706	84011	17217	38432	08607	81718	83075	
Abbotsinch	140	70405	82021	16817	38608	10605	82835	86272	
Leuchars	171	71311	78022	17716	18632	11610	81830	84362	86075
Dyce	091	51712	80012	18314	11352	09607	81708	83362	
Lerwick	005	72614	82022	18111	38478	09101	82816	83359	86270
Wick	075	60906	82028	19211	38532	09802	81825	85360	85075
Sule Skerry	010	72706	81032	19113	3851/	10802	82820	87458	
Cape Wrath	049	72306	89022	19012	2851/	10805	82820	87460	
Stornoway	026	70302	82031	18813	4853/	09704	81822	83640	86358
Benbecula	022	73106	89031	18313	1853/	08707	81825	87365	
Tiree	100	63610	89032	18014	28532	08708	81825	85075	
Aldergrove	917	40809	70011	16616	12631	09605	81830	83080	
Malin	980	40610	89011	17513	12532	08507	81823	83362	
Belmullet	976	42307	84021	16717	48502	10802	81822	83640	
Birr	965	70204	84012	15917	585/2	06505	82825	84644	
Dublin	969	60408	80012	15916	28582	08607	81825	84070	
Shannon	962	70403	89031	15818	686/2	07605	82830	85650	
Roches Point	952	71604	85031	16115	785//	11604	81820	87645	
Valentia	953	52903	84012	16315	58600	12000	81830	85656	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	09171	000	d.d.d.r.	pRr.id.f
Hurn	862	01201	020	r.d.r.Rr	jf
Manston	797	93190	004	r.d.-d.r.ir.	ir.-r.ir.
Gatwick	776	02171	000	d.dd.r.drr.	d.r.-d.
Kew	775	14161	000	d.rr.-r.r.	rRRr.
Heathrow	772	14161	000	d.d.r.dr	d.r.rRdr
Honington	586	01141	000	r.r.d.r.d.d.	d.-r.d.r.Rr
Wattisham	590				
Gorleston	497		000		
Aberporth	502	01171	012	d.d.r.	r.
Filton	628	95161	000	id.d.r.drid.d	r.
Rhoose	715	01170	009	d.r.drd.r.d.	+
Hartland Point	703	00170	026		
Mount Batten	827	00190	082	+	jp
St. Mawgan	817	97191	075	+	r.
Scilly	804	94191	022	ffifpr.	pr.
Culdrose	809	00190	083	if	+
Guernsey	894	97181	008	+	ir.iff
Elmdon	534	05141	000	ir.r.r.rrd.r.	r.rrr.r.id.
Cardington	559	08141	000	drrr	rrDR
Wittering	462	01151	000	r.d.r.	d.r.d.
Watnall	354	95151	001	r.ir.	r.r.ir.
Shawbury	414	01151	000	r.r.r	r.d.r.d.r.r
Finningley	360	92191	058	r.	r.r
Spurn Point	396			+	ir.
Leeming	257	00200	101	+	+
Tynemouth	262	00140	105	+	+
Carlisle	222	00210	094	+	+
Valley	302	91181	017	ir.	ir.
Ringway	334	97170	006	+	ir.
Squires Gate	318	91211	045	+	r.r.
Ronaldsway	204	00170	075	+	+
Mull of Galloway	131	00160			
Eskdalemuir	162	91181	087	+	pr.
Prestwick	135	00180	118	+	+
Abbotsinch	140	00190	103	+	+
Leuchars	171	00170	105	+	+
Dyce	091	00161	105	+	+
Lerwick	005	92130	115	pr.	+
Wick	075	03151	066	pr.pr	+
Sule Skerry	010	00150			
Cape Wrath	049	00120	084	jp	+
Stornoway	026	01151	082	pr.	+
Benbecula	022	00151	089	+	+
Tiree	100	00151	114	+	+
Aldergrove	917	00181	125	+	+
Malin	980	0014	087		
Belmullet	976	9719	107		
Birr	965	0019	088		
Dublin	969	0017	096		
Shannon	962	9719	068		
Roches Point	952	0017	121		
Valentia	953	9718	098		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

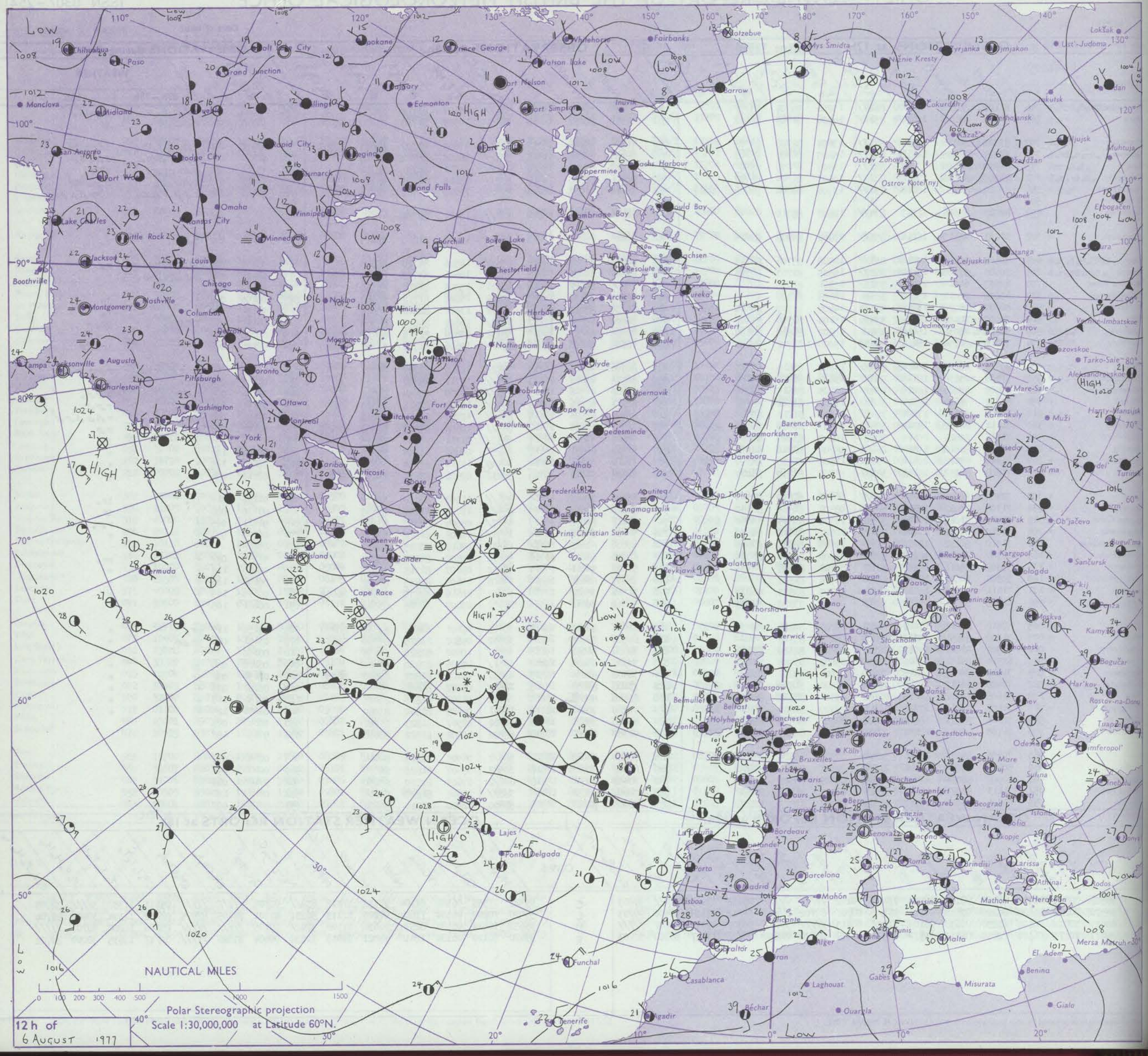
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06121	70505	98165	18412	73400	00102	/////	/////	05111	11295	3////	31803
L	99570	70200	06124	81220	95516	11511	871//	00707	88702	/////	0//12	11318	30504	99/03
M	99659	10012	06124	83230	96638	98109	5742/	00213	/////	/////	05307	11092	30707	/////
R	99471	70171	06124	72810	98011	21517	48502	00309	81820	84650	0//16	11757	30000	30703

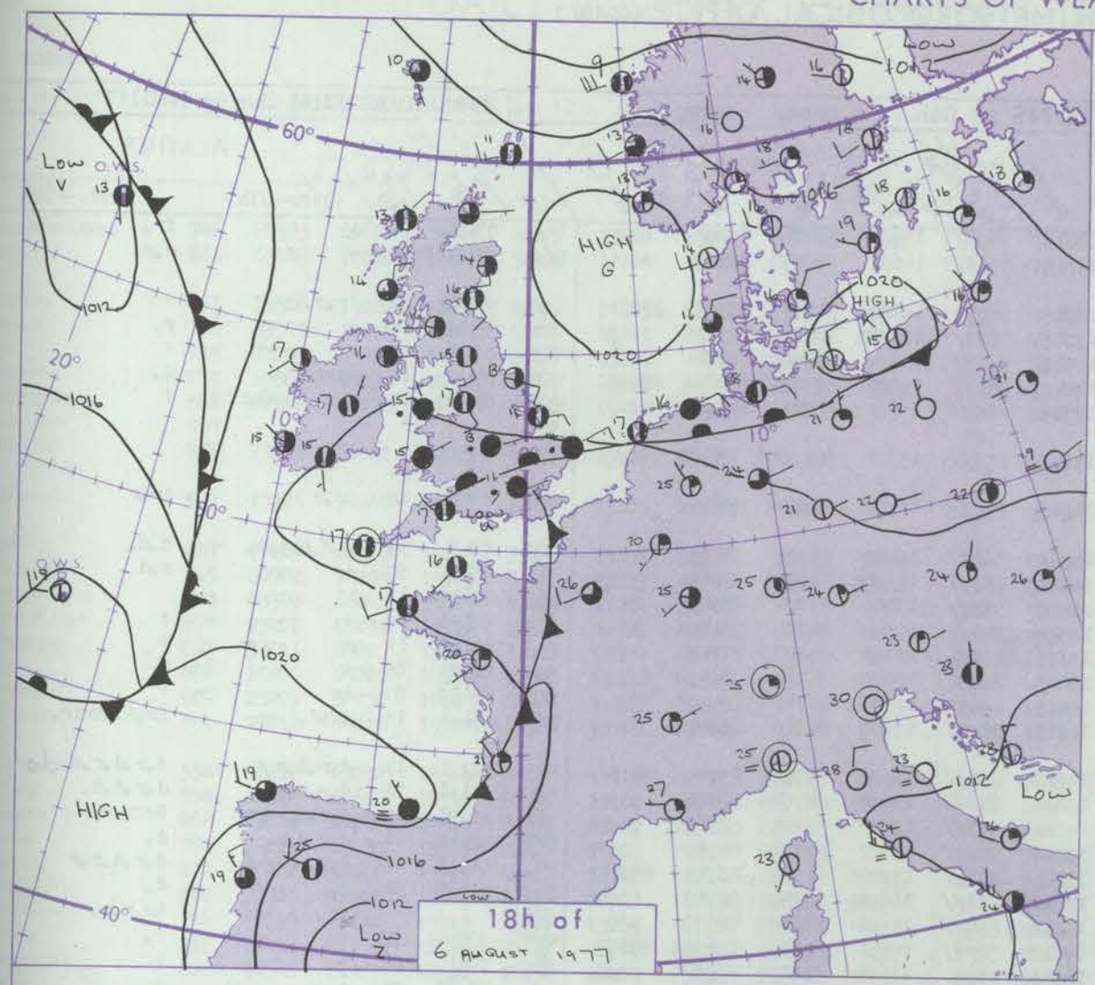
OCEAN WEATHER STATION REPORTS at 18h.

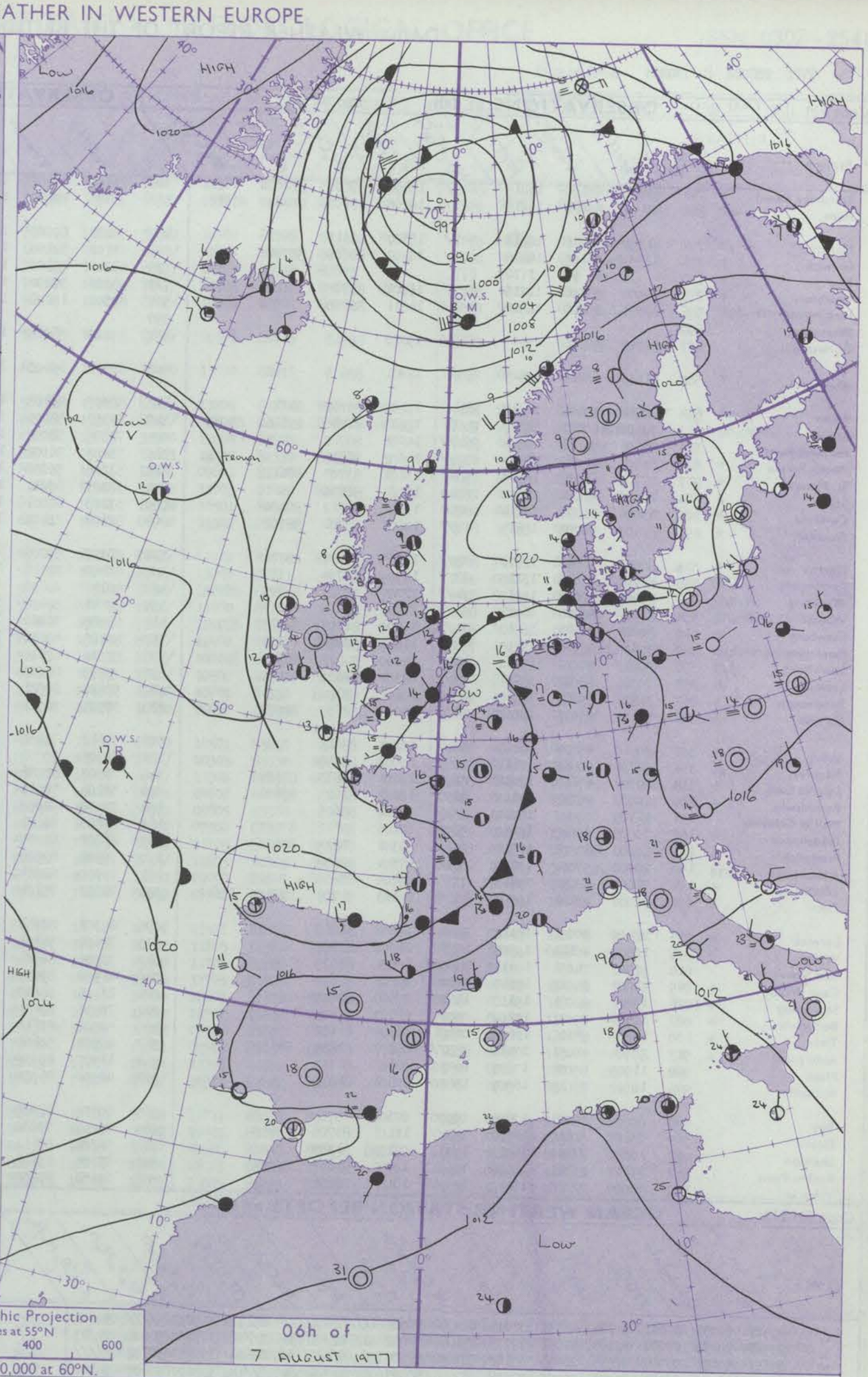
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06181	81104	97152	17412	834//	00705	/////	/////	05111	11337	3////	32803
L	99570	70200	06184	71604	97205	12113	56231	41101	84705	87075	0//12	11334	30402	99/04
M	99658	10014	06184	82834	96636	01108	5742/	00105	/////	/////	05606	11080	30707	/////
R	99470	70170	06184	12410	98021	21018	12532	00604	81820	/////	0//17	11835	30000	30702

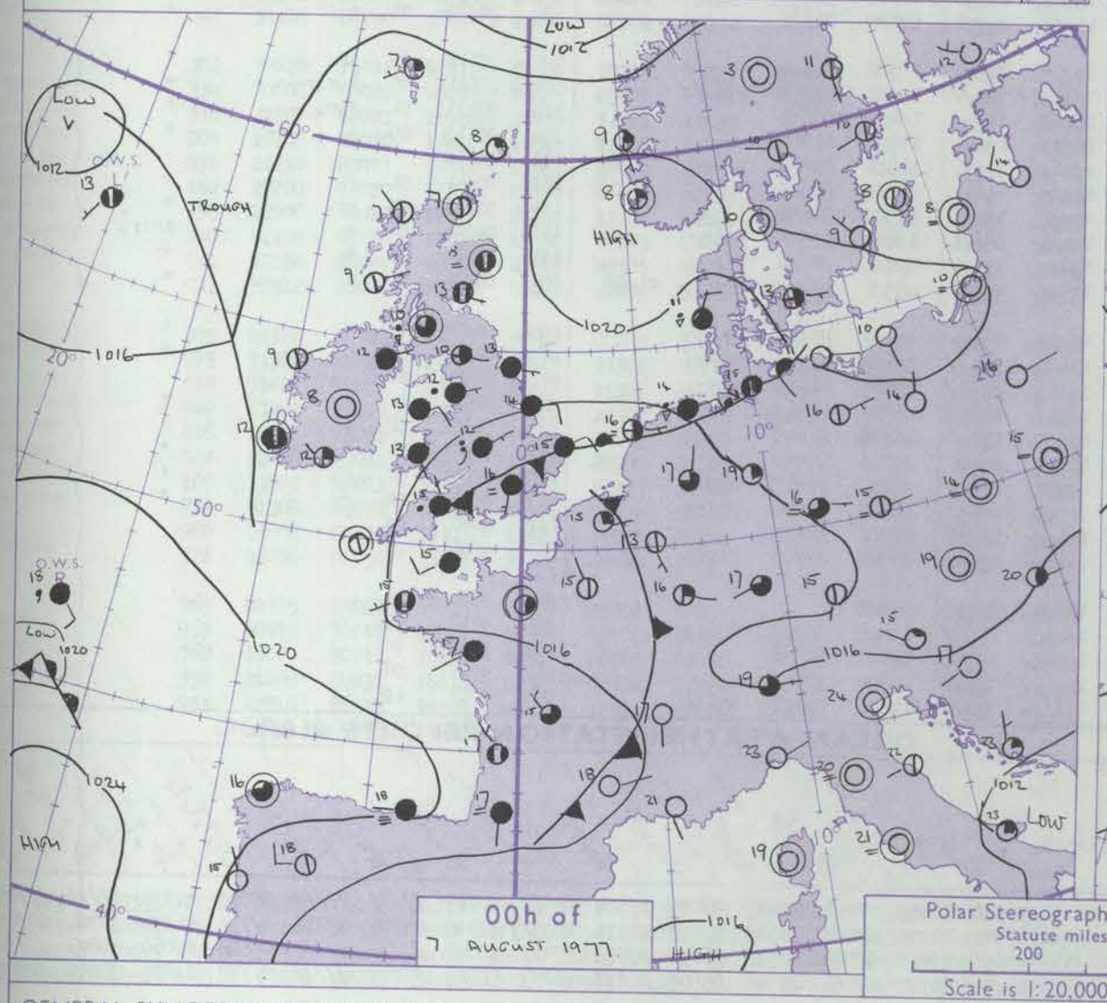
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Low
High
Low "P"
Low "W"
High "I"
High "O"
High "G"
O.W.S.
Chihuahua
El Paso
Grand Junction
Rapid City
Omaha
Kansas City
Minneapolis
Winnipeg
Spokane
Prince George
Calgary
Edmonton
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Fairbanks
Kotzebue
Barrow
Inuvik
Coppermine
Fort Smith
Fort Nelson
Fort Simpson
Yellowknife
Hay River
Fort McMurray
Prince Albert
Regina
Moose Jaw
Brandon
Thunder Bay
Sault Ste Marie
Toronto
Ottawa
Montreal
Pittsburgh
Washington
New York
Norfolk
Charleston
Jacksonville
Tampa
Augusta
Columbus
Nashville
Montgomery
Little Rock
St. Louis
Chicago
Jackson
Lake Charles
Boothville
San Antonio
Fort Worth
Midland
Monclova
Chihuahua
Bermuda
Cape Race
Gander
Stephenville
Goose
Fort Chimo
Resolution
Frobisher
Cape Dyer
Pond Inlet
Nottingham Island
Coral Harbour
Churchill
Baker Lake
Chesterfield
Arctic Bay
Eureka
Alert
Resolute Bay
Cambridge Bay
Sachs Harbour
Mould Bay
Inuvik
Barrow
Kotzebue
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Fort Smith







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 7 AUGUST 1977

During the past 24 hours an anticyclone over the North Sea with a weak ridge of high pressure extending over central and northern parts of the British Isles moved very slowly north whilst a shallow low and associated frontal trough remained almost stationary over southern districts of England. During the next 24 hours the anticyclone in the North Sea is expected to move slowly northeast whilst the low over southern England moves away eastwards and a wave depression, now in mid-Atlantic makes steady progress towards the Southwest Approaches leaving the British Isles in an area with rather slack pressure gradient.

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

Code FM II.V

OBSERVATIONS at 00h. 7 AUGUST 1977

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	83002	45106	14415	860//	14000	87701	88706	
Hurn	862	82104	65022	14416	853//	15706	83706	85709	88615
Manston	797	81705	58216	14516	854//	15707	88611		
Gatwick	776	82302	56105	14815	862//	14802	83705	88706	
Kew	775								
Heathrow	772	81904	57106	14216	862//	15504	88705		
Honington	586	80703	20626	14514	870//	14811	88700		
Wattisham	590								
Gorleston	497	80712	58026	15215	864//	15710	88715		
Aberporth	502	81503	65216	15413	856//	12001	88635		
Filton	628	80504	59106	14614	863//	14806	85707	88712	
Rhoose	715	70502	60031	14813	55401	12802	81710	85616	85075
Hartland Point	703	83606	58022	15314	864//	14801	88710		
Mount Batten	827	63403	60022	14915	656//	14602	86635		
St. Mawgan	817	72705	65036	15315	753//	13601	83707	87618	
Scilly	804	10000	81011	16914	15540	13204	81620		
Culdrose	809	63004	70036	15714	68400	13001	81812	86620	
Guernsey	894	82409	50205	15815	860//	14803	85701	88702	
Elmdon	534	80405	56586	15812	872//	12805	85704	88706	
Cardington	559	80707	58516	15113	872//	13709	88704		
Wittering	462	80411	30635	16012	871//	12707	83702	85703	88704
Watnall	354	80309	60216	16912	854//	11703	88615		
Shawbury	414	80204	24586	16512	871//	11400	81702	84705	88708
Finningley	360	70305	82026	17213	757//	11803	87650		
Spurn Point	396	80912	80022	17514	6857/	11000	84820	86635	88360
Leeming	257	70305	82032	18811	755//	08301	81620	87650	
Tynemouth	262	31802	69020	19812	30930	10101	83360		
Carlisle	222	51103	80031	18010	25702	08004	82650	84075	
Valley	302	80810	65026	16113	854//	10803	88618		
Ringway	334	80706	70616	17112	856//	10000	88640		
Squires Gate	318	80704	67616	17412	856//	10701	81635	88656	
Ronaldsway	204	70906	70012	17113	755//	10102	82625	87656	
Mull of Galloway	131	81705	75022	17514	855//	10101	88625		
Eskdalemuir	162	70000	80018	18910	45602	07206	84642	87072	
Prestwick	135	60000	62801	17510	685//	08301	81825	83630	
Abbotsinch	140	20000	57041	17309	25700	07301	82650		
Leuchars	171	71005	82032	18413	757//	09203	87650		
Dyce	091	70000	70101	19308	653/2	08103	81708	83710	85612
Lerwick	005	22409	80021	19108	28400	08104	81815		
Wick	075	10000	40111	19307	15731	06000	81650		
Sule Skerry	010	32702	74031	19411	35500	10001	83625		
Cape Wrath	049	21802	84011	19310	25600	05201	82630		
Stornoway	026	13202	82021	19107	15600	07000	81640		
Benbecula	022	10307	89021	18109	00901	08703	81075		
Tiree	100	10507	88111	17609	00901	08604	81072		
Aldergrove	917	80504	70031	17412	855//	09202	81625	88633	
Malin	980	11905	89021	17608	16430	07601	81712		
Belmullet	976	10502	83020	16909	15600	07601	81640		
Birr	965	00000	75021	17008	00900	07304			
Dublin	969	73105	50112	16612	752//	11101	83705	87650	
Shannon	962	10000	82011	16912	10930	08104	81359		
Roches Point	952	33107	85011	16612	15631	10702	81637	83074	
Valentia	953	70000	82016	17112	756//	10102	87636		

OBSERVATIONS at 06h. 7 AUGUST 1977

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	73505	40282	13613	760//	13501	85701	87702	
Hurn	862	73605	40502	13315	752//	14602	85705	87630	
Manston	797	72206	60022	13015	25372	14604	81707	85359	87072
Gatwick	776	72102	34102	13415	7623/	15704	87704		
Kew	775	83201	38102	13614	872//	13604	86704	88706	
Heathrow	772	83203	30202	13414	861//	14500	82702	86703	88705
Honington	586	81502	19106	12315	860//	15608	82701	84702	88703
Wattisham	590								
Gorleston	497	80000	56026	13116	855//	15707	88620		
Aberporth	502	80903	65602	14813	854//	12502	82710	88615	
Filton	628	80307	20105	14513	861//	12302	86702	88705	
Rhoose	715	80302	58106	14113	853//	13301	81706	88616	
Hartland Point	703	73509	58052	14813	723//	13803	83706	87824	
Mount Batten	827	73405	56052	14515	783//	14500	84708	83630	
St. Mawgan	817	53208	58052	15313	52301	12303	83707	84815	
Scilly	804	33503	65011	16613	28502	12400	81821		
Culdrose	809	33205	60031	15413	18430	12301	81710		
Guernsey	894	82607	25106	14415	860//	15503	84700	88701	
Elmdon	534	80307	59206	14612	872//	12605	82703	85704	88707
Cardington	559	80409	25516	13413	870//	13605	87701	88703	
Wittering	462	80111	40636	14112	871//	12502	86702	88703	
Watnall	354	80211	57106	15212	7627/	11702	87704	88359	
Shawbury	414	83405	32586	15411	873//	11501	81707	83708	88711
Finningley	360	80208	68036	15812	863//	11604	84706	88710	
Spurn Point	396	80514	62616	15712	854//	11506	85710	88630	
Leeming	257	70105	66032	17710	5847/	09501	81818	85650	87359
Tynemouth	262	50810	80021	18413	13631	11604	81930	84358	
Carlisle	222	30504	70021	17808	35701	07500	83650		
Valley	302	70610	70032	15712	755//	10302	87620		
Ringway	334	70508	70026	15912	754//	10502	81712	87640	
Squires Gate	318	70507	80026	16612	757//	10400	87656		
Ronaldsway	204	30206	70011	16911	15481	10301	81716		
Mull of Galloway	131	70000	82022	17312	785//	11601	81820	87625	
Eskdalemuir	162	20000	82021	18905	15632	04000	81645		
Prestwick	135	21502	62038	17408	15701	08500	81656		
Abbotsinch	140	70602	62026	17411	656/1	10002	83635	85650	
Leuchars	171	70000	82021	18209	756//	08400	84634	86650	
Dyce	091	71502	70101	18609	38332	08501	83709	83362	86075
Lerwick	005	62303	82031	18509	29472	09502	81915	83365	
Wick	075	72602	56101	18406	762//	06604	82705	87709	
Sule Skerry	010	70000	82021	18311	3853/	09605	81820	87360	
Cape Wrath	049	41404	89031	17811	40930	06708	84360		
Stornoway	026	23103	86030	17807	15631	06806	81645		
Benbecula	022	70706	89031	17009	00902	09706	87072		
Tiree	100	50000	80111	17308	15402	08400	81617	85075	
Aldergrove	917	40000	50101	17309	25632	08801	82640	83359	
Malin	980	11905	89030	17109	11502	08702	81820		
Belmullet	976	40000	86030	16110	25602	07704	82640	83070	
Birr	965	00000	62020	16704	00900	03502			
Dublin	969	70207	70032	16412	785//	10502	81820	87635	
Shannon	962	51202	80111	16610	45702	10602	84656		
Roches Point	952	73304	85011	16412	756//	08504	87645		
Valentia	953	70603	82258	16112	785//	10606	83822	87640	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97131	14	+	fr.
Hurn	862	97151	14	+	d.r.
Manston	797	97140	12	ir.r.	+
Gatwick	776	97141	14	+	r.
Kew	775	00141	13	+	+
Heathrow	772	06141	14	Rdrr.	d.
Honington	586	03131	13	d.r.-r.rd.ff	f
Wattisham	590				
Gorleston	497				
Aberporth	502	02121	10	ir.r	ir.r
Filton	628	97121	13	r.d.r.d.d.	d.d.
Rhoose	715	95121	09	+	r.d.
Hartland Point	703	00130	12		
Mount Batten	827	00150	12	+	+
St. Mawgan	817	00131	11	+	+
Scilly	804	00120	09	+	+
Culdrose	809	95120	07	ir	+
Guernsey	894	95141	13	ifid.ir.	ir.id.irir.
Elmdon	534	02121	11	d.r.d.r.d.	d.r.d.r.d.do
Cardington	559	01131	12	d.r.d.d.	d.r.d.d.
Wittering	462	11121	12	d.r.d.r.rrR	Rrrr.r.
Watnall	354	92110	11	d.r.d.r.	d.
Shawbury	414	01111	11	d.r.-r-r.r.	d.r.d.r.r
Finningley	360	97120	11	r.	d.
Spurn Point	396			ir.	ir.r.r.
Leeming	257	97090	08	+	r.
Tynemouth	262	00110	08	+	+
Carlisle	222	00070	03	+	+
Valley	302	97111	09	ir.	+
Ringway	334	02111	10	r.r.r	+
Squires Gate	318	97121	11	r.r.	+
Ronaldsway	204	00110	09	+	+
Mull of Galloway	131	00110			
Eskdalemuir	162	00041	51	+	+
Prestwick	135	97081	05	pr.	+
Abbotsinch	140	94081	04	+	irir.
Leuchars	171	00080	04	+	+
Dyce	091	00051	01	+	+
Lerwick	005	00071	05	+	+
Wick	075	00031	00	+	+
Sule Skerry	010	00080	01		
Cape Wrath	049	00081	01	+	+
Stornoway	026	00051	02	+	+
Benbecula	022	00051	51	+	+
Tiree	100	00071	52	+	+
Aldergrove	917	00081	04	+	+
Malin	980	9707	05		
Belmullet	976	9706	03		
Birr	965	9704	01		
Dublin	969	9712	08		
Shannon	962	9709	05		
Roches Point	952	9711	07		
Valentia	953	9711	10		

Code FM 21.V

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07001	81704	96538	17012	864//	00608	/////	/////	05111	11303	3////	32602
L	99569	70201	07004	72104	97032	12912	784//	00002	82816	87630	0//12	11329	30101	99/03
M	99657	10017	07004	72536	96636	03707	5742/	00204	/////	/////	05606	11067	30708	/////
R	99470	70170	07004	81308	96505	20518	5737/	00803	85708	88360	0//18	11820	30000	34802

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07061	82405	98025	15514	855//	00709	/////	/////	05010	11319	3////	///03
L	99569	70202	07064	72308	97012	11812	6833/	41706	81709	83816	0//11	11339	30301	99/03
M	99657	10020	07064	82532	96636	03708	5742/	00307	/////	/////	05506	11060	30808	/////
R	99470	70170	07064	81106	95505	18817	862//	00806	88704	/////	0//17	11835	30000	34802

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 42263

ISSN 0307–2541

Date of Issue MONDAY 8 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 7 AUGUST 1977

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	83505	69606	14515	853//	13204	83707	86711	88630
Hurn	862	63408	70016	14617	5643/	13104	85610	85360	
Manston	797	71506	73022	12619	4847/	15805	82818	83650	86360
Gatwick	776	83305	59216	13817	884//	14203	85712	84816	88650
Kew	775	83209	65022	14216	864//	13204	85710	88714	
Heathrow	772	83508	66032	14116	853//	13305	86709	88613	
Honington	586	82207	62022	12517	853//	15400	86707	88622	
Wattisham	590								
Gorleston	497	71510	60022	12917	4557/	15400	84620	87458	
Aberporth	502	70206	70016	16015	784//	13105	82818	86635	
Filton	628	70109	63215	15215	753//	13103	82708	86615	87625
Rhoose	715	80902	70205	15415	853//	13205	81709	85616	88622
Hartland Point	703	43308	66011	16015	42400	11204	84815		
Mount Batten	827	23407	82031	15319	22600	09301	82830		
St. Mawgan	817	33011	80021	16516	32400	11304	83817		
Scilly	804	10000	65020	18319	11500	13206	81820		
Culdrose	809	23209	80030	16618	21500	11305	82820		
Guernsey	894	23010	60016	15917	28300	13208	81707		
Elmdon	534	80212	63032	15514	854//	11102	82711	87617	
Cardington	559	80311	62616	14314	873//	13104	86706	88710	
Wittering	462	83612	80216	14414	853//	12102	86708	88612	
Watnall	354	70211	65035	15315	784//	10803	81815	87617	
Shawbury	414	80602	65026	15915	884//	12301	81710	84817	88645
Finningley	360	80311	78025	15814	6847/	10702	83815	86630	88459
Spurn Point	396	80120	50616	15013	854//	13705	85710	88625	
Leeming	257	70414	84036	17216	7863/	08702	82830	86656	
Tynemouth	262	40508	81021	18914	12630	12400	81830	84360	
Carlisle	222	31105	84030	17817	21631	08704	82832		
Valley	302	50610	75012	16318	58500	10105	83825	84650	
Ringway	334	70608	80022	16216	786//	09601	83830	85650	
Squires Gate	318	31007	82021	16420	32630	11701	83835		
Ronaldsway	204	10708	84020	17416	11541	11105	81827		
Mull of Galloway	131	21210	83011	17816	11501	10400	81825		
Eskdalemuir	162	20708	82030	17716	22600	06603	82835		
Prestwick	135	22906	66020	17817	28501	11000	82828		
Abbotsinch	140	41102	68036	17718	48530	09703	83825		
Leuchars	171	21014	86031	18716	18602	09301	81830		
Dyce	091	31512	86021	18716	12401	07002	81818	83075	
Lerwick	005	42106	86021	19013	38432	09203	81813		
Wick	075	71306	80022	18412	583/2	10301	82708	84815	86070
Sule Skerry	010	91405	04472	18612	9////	11301	89/00		
Cape Wrath	049	61402	82021	17714	11501	12801	81825	86070	
Stornoway	026	21708	88031	17514	11502	10603	81820		
Benbecula	022	12406	89011	17216	12502	09500	81825		
Tiree	100	11809	87021	17815	18502	10203	81826		
Aldergrove	917	41308	65030	17418	42501	09302	84828		
Malin	980	10808	84010	17315	11502	12003	81822		
Belmullet	976	42006	88030	16418	38502	08000	81821		
Birr	965	41105	75020	16718	41500	09702	84824		
Dublin	969	50911	70012	17017	58500	08102	84820	83635	
Shannon	962	10000	80011	16619	12602	08502	81830		
Roches Point	952	21608	84031	16618	21502	09501	82820		
Valentia	953	42010	86025	16518	48500	12501	81825	83640	

OBSERVATIONS at 18h. 7 AUGUST 1977

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	70108	75028	14615	784//	12301	82815	83630	87650
862	70107	70032	14517	6853/	13301	82820	83645	85656
797	73009	70019	12816	39362	14102	81709	83915	85075
776	73407	60022	14116	4843/	12004	81714	84650	
775	83107	70022	14616	884//	12103	83818	88645	
772	73308	70022	14416	784//	13305	81818	83622	87635
586	82911	56516	12215	870//	14500	83701	88702	
590								
497	81812	58626	12117	874//	16501	88715		
502	33506	62011	16015	38400	13000	82815		
628	83404	56216	15316	854//	13201	81712	85618	88632
715	80000	62028	15315	884//	13400	82812	86617	88645
703	30000	66020	15915	32500	12609	83820		
827	33209	81010	15518	34601	10202	81830	83635	
817	23110	81010	16216	12401	09601	81818		
804	40000	82020	17518	12502	13803	81820	84075	
809	23212	81020	16417	11504	10501	81820		
894	12711	62021	16017	00902	12302	81075		
534	70308	68022	15216	784//	11302	81818	87640	
559	83508	50506	14714	864//	13303	88711		
462	83412	59056	14514	863//	12203	88707		
354	83410	58505	15613	872//	11000	88703		
414	73404	70022	15616	756//	12500	87648		
360	83610	72505	15614	853//	12400	86707	88614	
396	80218	32616	14413	874//	13000	88710		
257	70409	65022	17313	784//	10500	82812	87618	
262	40510	81021	18414	12630	10701	81830	84360	
222	21310	86020	16817	18630	09602	81835		
302	50510	80031	16117	55700	10501	85650		
334	70512	80022	16215	786//	10303	81830	87640	
318	60911	81021	16216	686//	11304	81835	86650	
204	20807	84020	16416	00901	09607	82075		
131	33205	84030	16916	30971	09605	83360		
162	10607	86010	17015	18602	07502	81837		
135	62803	68018	17015	18542	11705	81825	85360	
140	70000	70028	16717	7853/	11805	81825	86650	
171	41013	86030	18214	11632	09000	81840	84080	
091	51508	89031	18614	50952	07301	85362		
005	21807	84010	18712	18401	11501	81818		
075	31106	80031	17413	20932	11705	82360	83075	
010	21107	81024	17614	25500	11705	82620		
049	31409	82021	17013	11501	11705	81825		
026	31908	86030	16515	11534	08607	81823	83075	
022	42106	89030	16514	12502	10707	81825	84072	
100	51903	86031	16815	18502	09706	81825	84075	
917	31408	70030	16218	11601	04706	81830	83080	
980	30809	82011	16115	12531	12708	81822		
976	72305	86011	15516	6853/	10703	82822	86640	
965	51005	80031	15118	32502	11711	83825	83070	
969	30907	84031	16716	00902	08605	83070		
962	70000	86031	15019	5863/	09606	81835	85645	85360
952	71610	80031	16016	18504	12605	81825	87075	
953	72307	86021	15716	18502	13605	81825	87070	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	01161	000	r.r.rir.d.pr.	+
862	97191	026	+	pr.
797	97210	018	tl.r.	r.
776	92180	004	r.r	+
775	00171	004	+	+
772	00171	002	+	+
586	92181	000	r.d.	d.d.-dr-d.
590				
497		037		
502	00171	063	+	+
628	97160	000	r.id.ir.	ir.
715	96161	000	id.pr.	pr.prpr.
703	00170	095		
827	00200	124	+	+
817	00170	130	+	+
804	00200	135	+	+
809	00190	133	+	+
894	00181	099	+	+
534	00171	002	+	+
559	03161	000	d.d.rrr.r.	id.
462	91151	000	d.r.dr	d.r.r.
354	97160	001	d.	id.-d.d.
414	00171	000	+	+
360	93151	000	d.d.	d.d.-r.rd.r.
396			r.	r.r.
257	97170	016	+	d.
262	00150	083	+	+
222	00190	130	+	+
302	00190	075	+	+
334	97171	013	+	d.
318	00210	066	+	+
204	00180	135	+	+
131	00170			
162	00181	139	+	+
135	97180	077	pr.	+
140	03191	062	pr.	prpr.
171	00170	108	+	+
091	00171	106	+	+
005	00150	129	+	+
075	00151	085	+	+
010	00150			
049	00140	134	+	+
026	00161	137	+	+
022	00171	130	+	+
100	00161	130	+	+
917	00200	133	+	+
980	0016	130		
976	0019	056		
965	0019	111		
969	0017	085		
962	9721	073		
952	0019	118		
953	9719	092		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

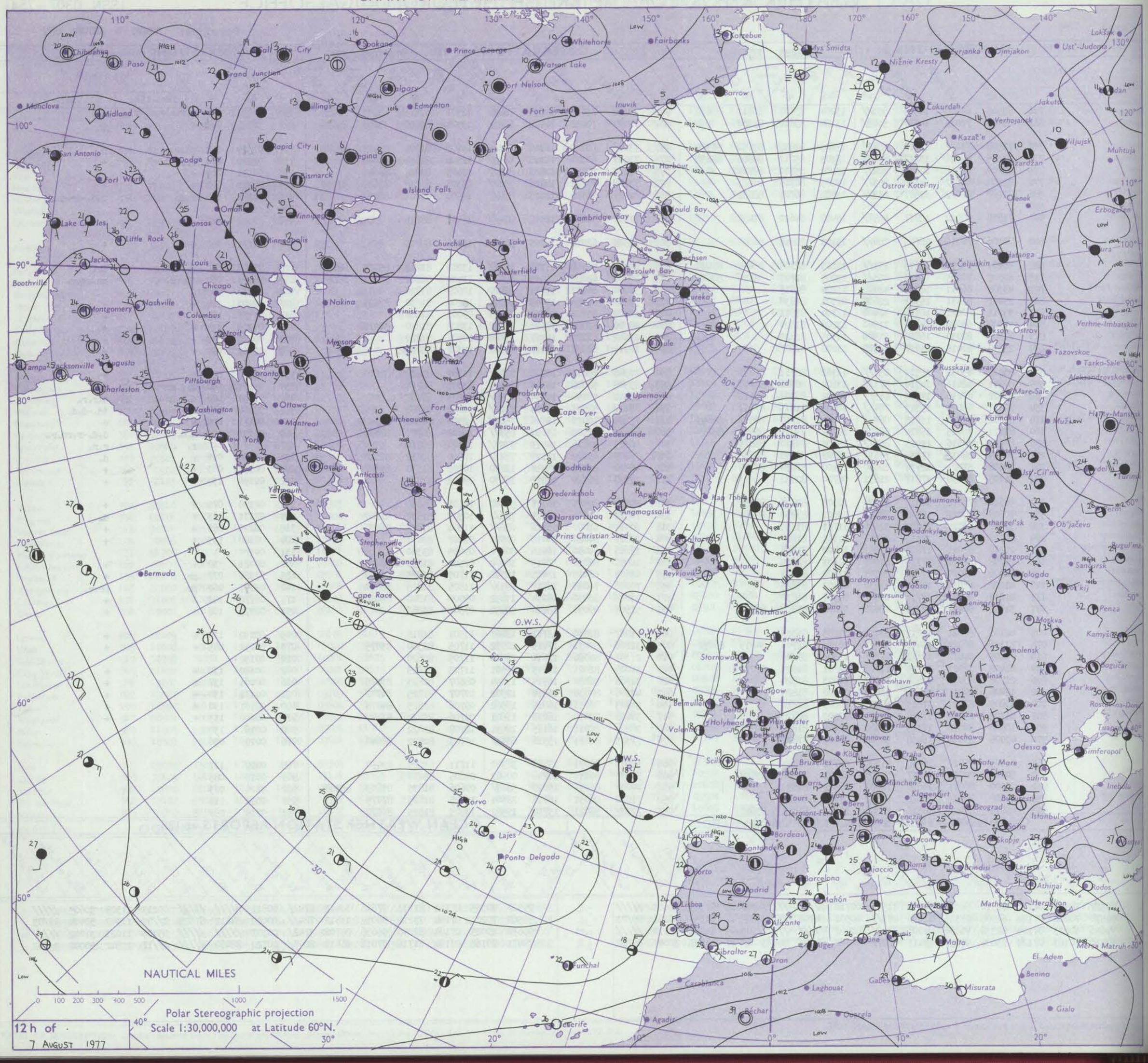
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07121	81910	98032	14213	11552	00712	/////	/////	00012	11345	30603	/////
L	99570	70202	07124	82805	97515	11412	873//	00501	88708	/////	0//12	11333	30201	99/03
M	99656	10023	07124	82338	96636	04008	5742/	00802	/////	/////	05405	11042	30910	/////
R	99470	70169	07124	73604	97032	19417	4827/	00102	81705	84633	0//17	11827	30000	02702

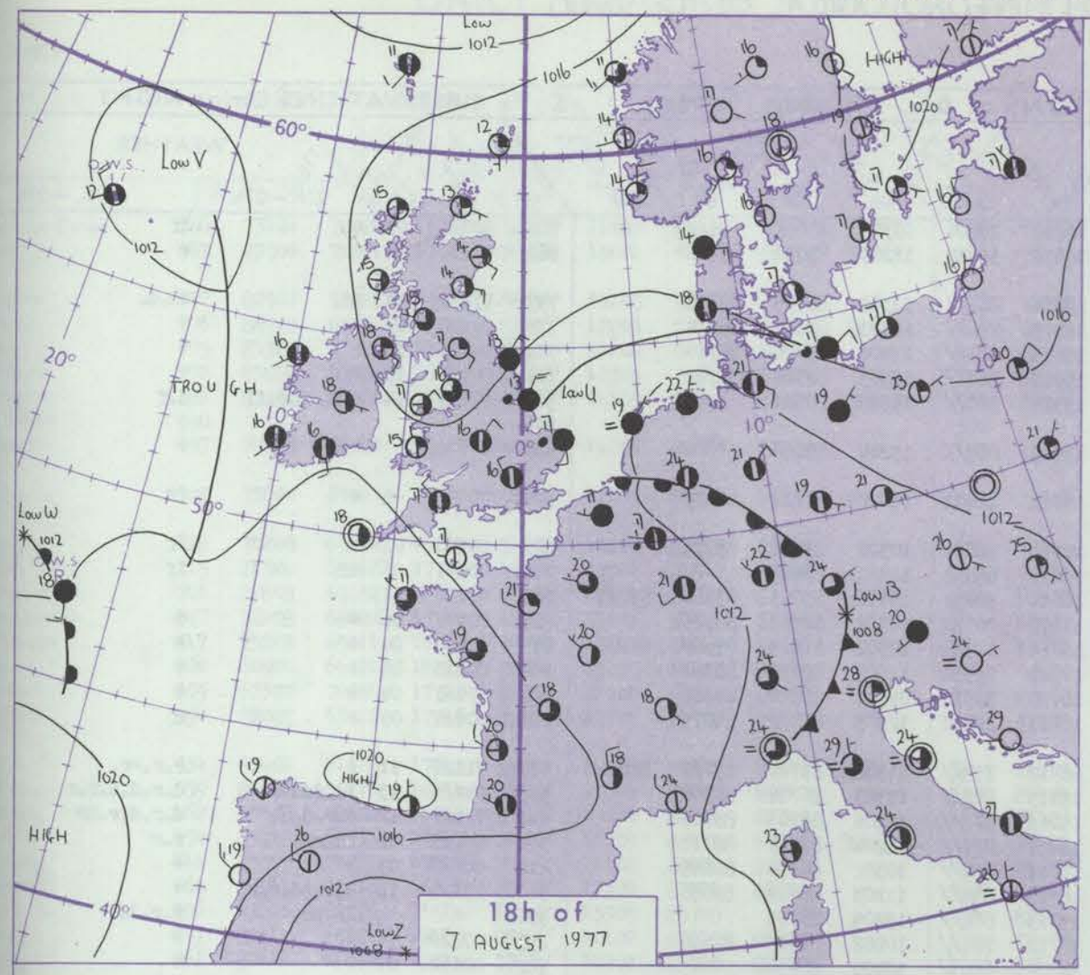
OCEAN WEATHER STATION REPORTS at 18h.

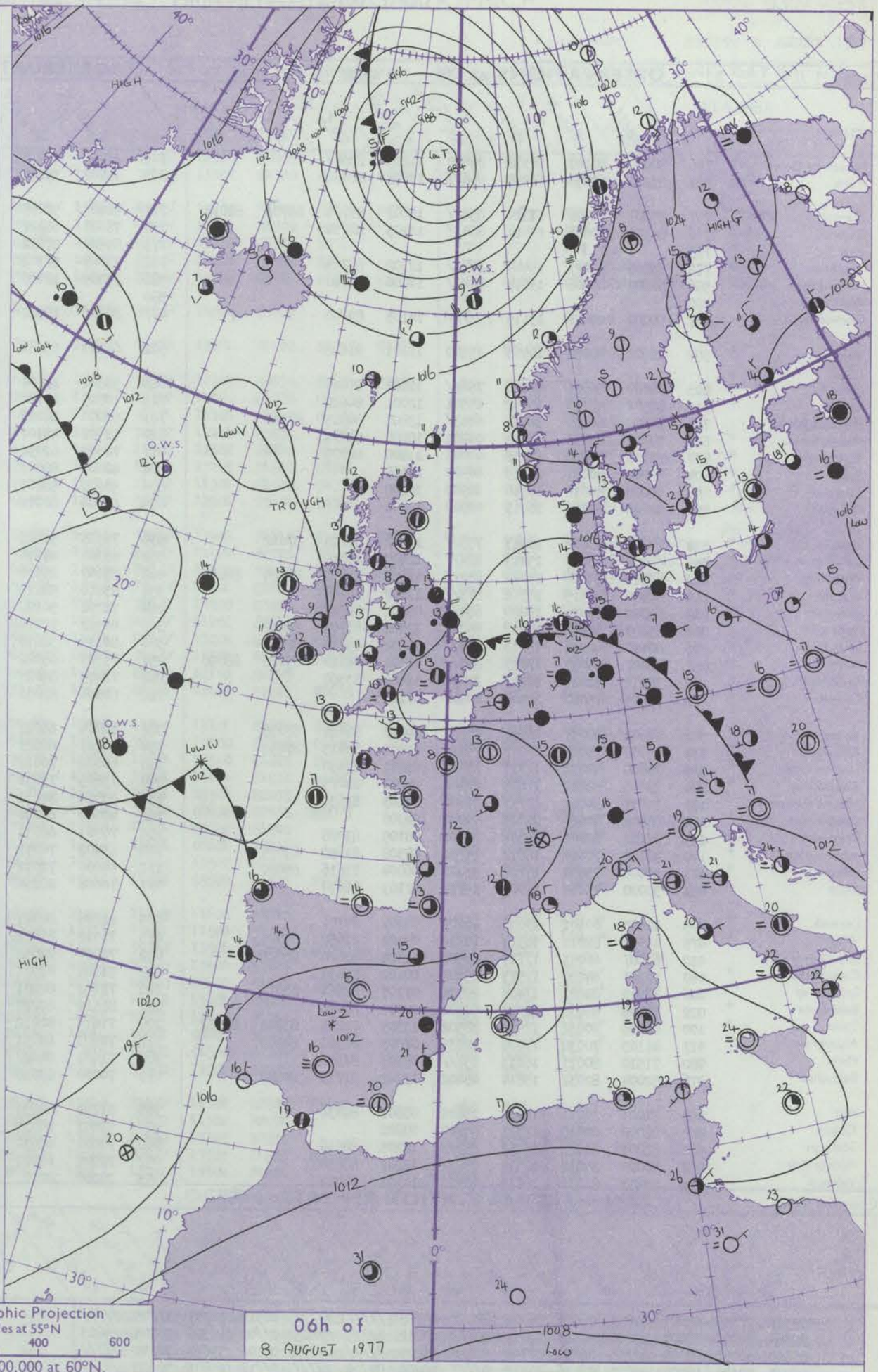
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07181	81911	97616	11413	8742/	00811	/////	/////	00213	11309	30605	/////
L	99569	70201	07184	73218	98035	11812	784//	00002	84812	87625	0//09	11347	30404	99/03
M	99656	10023	07184	82240	96636	04708	5742/	00307	/////	/////	05405	11023	31012	/////
R	99471	70168	07184	81716	97016	16418	8097/	00722	88460	/////	0//17	11842	30000	25802

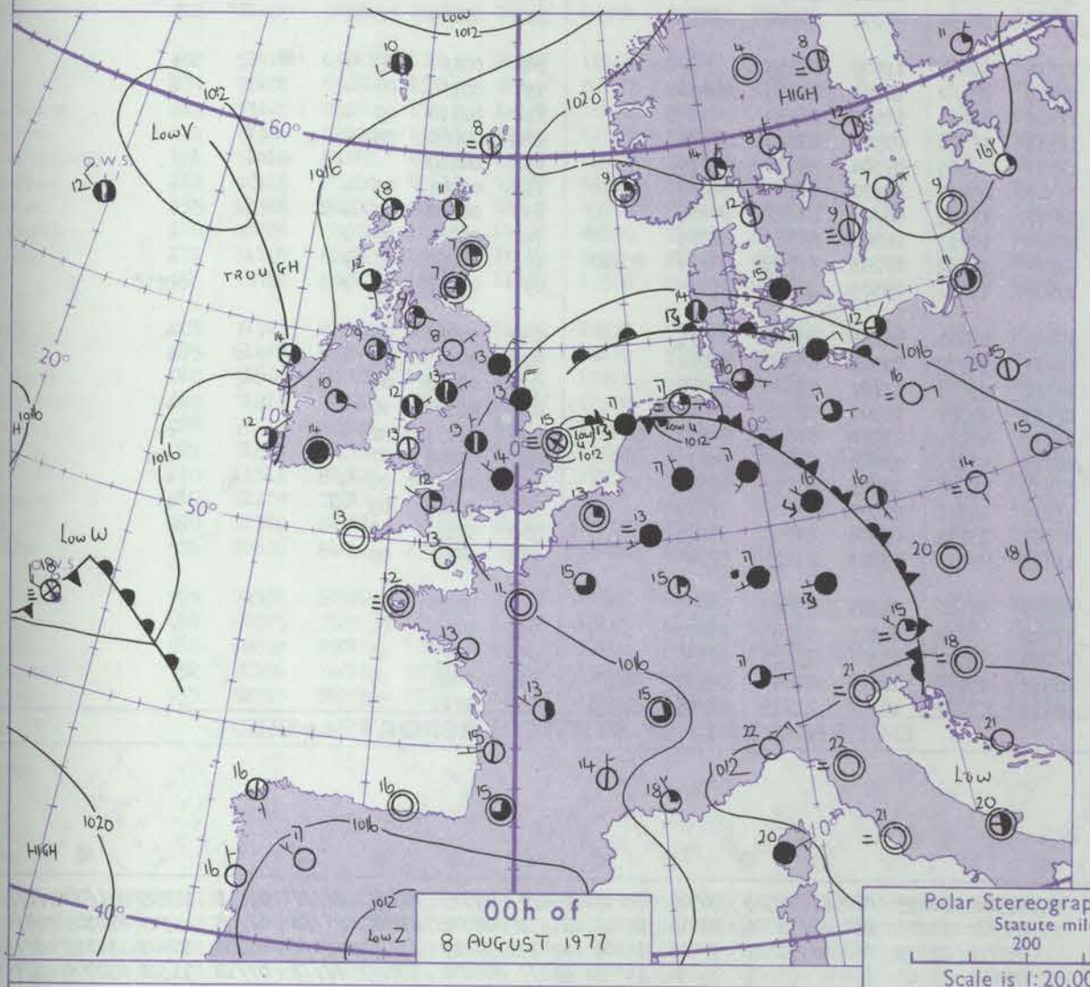
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 8 AUGUST 1977

During the past 24 hours pressure has remained low over Germany with a trough of low pressure towards East Anglia and southeast England. A weak trough edged slowly eastwards into Ireland, whilst a weak ridge of high pressure, extending across Scotland from a slow-moving anticyclone over Scandinavia, persisted. During the next 24 hours the ridge over Scotland is expected to decline as the weak trough over Ireland moved east into western Scotland. Pressure will remain low over Germany and the southern North Sea, whilst another shallow low east into the Bay of Biscay.

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

Code FM 11.V **OBSERVATIONS at 00h.** 8 AUGUST 1977

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	40101	16112	35600	11205	83642		
Hurn	862	83202	60038	16015	856//	13102	88636		
Manston	797	83007	60506	13814	852//	13602	81704	83707	88614
Gatwick	776	83302	60031	15414	864//	12103	88714		
Kew	775								
Heathrow	772	83205	62021	15414	864//	12102	88713		
Honington	586	82808	08506	13014	860//	14400	88700		
Wattisham	590								
Gorleston	497	90000	00476	13115	9////	14103	89/00		
Aberporth	502	12602	60050	16913	15500	12001	81628		
Filton	628	70000	56021	16414	756//	12003	87649		
Rhoose	715	40502	50118	16412	45501	12001	84626		
Hartland Point	703	70000	66021	16514	4243/	13801	84815	87360	
Mount Batten	827	33502	68020	16712	00901	10000	83075		
St. Mawgan	817	20101	70020	17112	00901	11400	82075		
Scilly	804	00000	80021	18013	00900	11400			
Culdrose	809	00000	80010	17310	00900	10000			
Guernsey	894	02908	81020	16613	00900	11801			
Elmdon	534	73504	66012	16313	753//	11802	82708	87612	
Cardington	559	83507	59055	15413	864//	12400	88710		
Wittering	462	83311	35596	15012	852//	12803	81703	86704	88617
Watnall	354	83410	45515	16312	873//	11802	88708		
Shawbury	414	63202	65031	17009	664//	09002	86713		
Finningley	360	83409	60206	16312	852//	12802	83704	88650	
Spurn Point	396	80120	62216	15013	854//	13802	85710	88625	
Leeming	257	83407	65035	17713	854//	11801	84710	85628	88656
Tynemouth	262	30212	81021	18713	30930	11400	83360		
Carlisle	222	00505	75010	18408	00900	07105			
Valley	302	70603	80031	16912	755//	10000	81624	87635	
Ringway	334	73602	75025	17013	754//	11802	84615	87650	
Squires Gate	318	70603	80031	17313	757//	09801	87650		
Ronaldsway	204	23605	82030	17609	00901	07207	82075		
Mull of Galloway	131	11015	84011	17713	15600	11103	81630		
Eskdalemuir	162	03502	80020	20005	00900	04306			
Prestwick	135	31102	62041	18309	00901	08105	83078		
Abbotsinch	140	40705	70011	18812	15731	08308	81650	83075	
Leuchars	171	50000	75031	19707	35402	06004	83616	85080	
Dyce	091	30000	75011	19907	15732	07103	81650		
Lerwick	005	12003	60101	19608	16001	08001	81701		
Wick	075	41511	82011	18311	15732	09103	81650	83075	
Sule Skerry	010	61607	66051	17712	35501	11104	83620	86075	
Cape Wrath	049	22307	84020	17513	25601	08102	82630		
Stornoway	026	33103	84021	17408	20934	07103	82364	83072	
Benbecula	022	61405	89031	16910	00902	09001	86070		
Tiree	100	61706	80032	17512	38502	11305	81825	83643	85072
Aldergrove	917	41103	70030	17609	10931	07003	81360	84080	
Malin	980	71510	80011	16613	757//	08103	87656		
Belmullet	976	52004	82031	15814	45402	13202	81719	84640	
Birr	965	21001	70011	16410	15602	08801	81636		
Dublin	969	00000	80010	17311	00900	09802			
Shannon	962	82803	82022	16115	857//	12205	88656		
Roches Point	952	80000	80032	16914	857//	12202	88650		
Valentia	953	40303	86011	16612	40970	11103	84462		

OBSERVATIONS at 06h. 8 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
	746	22902	09410	16609	15804	09303	81657		
	862	43402	35111	16612	35630	11203	83630		
	797	82609	57055	13814	862//	12302	82705	88706	
	776	73007	60021	15513	754//	11303	83711	85614	
	775	83509	57052	15613	863//	11400	83706	88710	
	772	73008	57102	15513	763//	12303	82708	87711	
	586	83305	18106	13315	870//	15303	88701		
	590								
	497	80000	18284	13515	863//	15204	88708		
	502	61705	13281	16811	16402	11000	81712	86075	
	628	50804	11401	17110	46001	10302	83701	83075	
	715	70905	46104	16611	65638	11301	86645		
	703	60000	64012	16614	32432	13400	83815	83360	85075
	827	72902	45101	16510	20932	10702	82365	86075	
	817	70000	62031	16712	12588	10502	81825	85360	87275
	804	40000	80011	17313	25532	11502	82625	83360	
	809	50000	58101	16910	38530	09501	82820	84362	
	894	53106	60011	16713	28402	12303	81812	84075	
	534	73305	59602	16712	753//	11302	81709	83714	86620
	559	83308	28516	15313	872//	13303	86704	88706	
	462	83409	25516	15012	872//	12206	86703	88705	
	354	83410	58215	16412	873//	11204	81709	88711	
	414	72702	50102	17111	754//	10301	84616	86645	
	360	83512	70016	16313	854//	11203	86619	88656	
	396	80119	32618	15213	862//	13205	88705		
	257	73309	65022	17712	784//	10002	81815	87656	
	262	72413	80021	18512	6563/	10400	86630		
	222	60904	82031	18508	18534	07202	81822	85075	
	302	60804	65012	17013	656/1	11500	86635		
	334	70207	68021	17213	784/2	10701	81815	86650	
	318	60602	70012	17512	657/1	10500	86650		
	204	73605	75031	17511	11506	09500	81820	87273	
	131	50914	84031	18311	15605	09304	81630	85275	
	162	40000	60030	19505	25032	04500	81701	84075	
	135	70903	66031	18807	11432	06202	81816	87075	
	140	63402	70031	19109	10931	08301	81362	86075	
	171	50000	72012	19707	38202	07203	81705	83818	85080
	091	70000	20284	19905	15732	05303	81650	87075	
	005	61708	82021	19811	15601	10205	81630	86075	
	075	71510	81021	18411	30932	09304	83360	87072	
	010	70000	74032	17512	35501	11701	83620	86075	
	049	51803	82021	17413	21502	09301	82825	85070	
	026	72102	82601	16812	45632	11000	81630	84650	86072
	022	81510	80022	16013	4547/	12503	81618	84635	88465
	100	71615	82012	17313	756//	10303	81632	87645	
	917	70803	62051	17610	16302	09500	81706	87075	
	980	71404	84022	17011	15732	09304	81650	87075	
	976	70000	83028	15613	785//	12203	81820	87640	
	965	51702	62031	16509	35602	08201	83640	83070	
	969	53001	80031	17010	25602	09501	82645	85070	
	962	70000	80032	16014	785//	13301	81825	87656	
	952	70000	62022	16512	15676	12500	81647	84361	87274
	953	70000	82021	16411	35402	10302	81719	83645	86070

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_g$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
	746	00091	03 +	if	
	862	00111	08 +	+	
	797	97130	14 id.	id.d.	
	776	00120	09 +	+	
	775	00131	13 +	+	
	772	00131	13 +	+	
	586	97131	14 d.d.-d.r.ff	d.f	
	590				
	497				
	502	00091	05 +	ff	
	628	00100	02 +	if	
	715	00091	06 if	if	
	703	00130	11		
	827	00090	06 +	+	
	817	00100	04 +	+	
	804	00120	05 +	+	
	809	97081	04 +	+	
	894	00121	09 +	+	
	534	91121	11 +	r.r.-r.	
	559	04122	13 id.ddd.r.	d.r.d.d.r.r	
	462	07121	12 r.r.d.r.	d.r.d.r.Rr	
	354	03121	11 id.rr.	r.r	
	414	00090	03 +	+	
	360	93121	12 d.r.id.r.r	+	
	396		ir.pr.	r.r.id.	
	257	00120	11 +	+	
	262	00110	09 +	+	
	222	00060	02 +	+	
	302	00120	08 +	+	
	334	00120	09 +	+	
	318	00110	09 +	+	
	204	00080	05 +	+	
	131	00100			
	162	00041	51 +	+	
	135	00060	03 +	+	
	140	00061	02 +	+	
	171	00060	01 +	+	
	091	00041	51 f	fff	
	005	00080	03 +	+	
	075	00111	08 +	+	
	010	00090	08		
	049	00110	10 +	+	
	026	97071	02 +	r.	
	022	97091	07 +	ir.	
	100	00111	06 +	+	
	917	00081	03 +	+	
	980	9710	08		
	976	9712	09		
	965	9708	05		
	969	9709	04		
	962	9713	11		
	952	0012	09		
	953	9711	09		

Code FM 21.V **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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08001	81813	96616	06214	8742/	00728	/////	/////	00315	11339	3//05	/////
L	99569	70201	08004	73010	98018	13712	784//	00212	82815	87625	0//09	11326	30303	23603
M	99655	10022	08004	82236	96636	07709	5742/	00220	/////	/////	05106	11014	31014	/////
R	99470	70170	08004	92815	92436	14518	9////	00400	89/00	/////	0//18	11803	30602	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08061	82513	96506	04213	864//	00303	/////	/////	00113	11295	3//06	/////
L	99569	70200	08064	13006	99018	14012	11431	00002	81818	/////	0//08	11311	30301	99/02
M	99655	10019	08064	72327	97026	11609	42470	00223	/////	/////	05105	10963	31011	/////
R	99470	70169	08064	83207	96034	14518	862//	00400	88705	/////	0//18	11820	30000	27703

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42264

Date of Issue TUESDAY 9 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 8 AUGUST 1977

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	73108	70024	16717	32502	11002	83820	87075	
Hurn	862	73506	70031	17019	22636	10601	82830	83270	87075
Manston	797	82908	58025	15016	863//	13205	88709		
Gatwick	776	82908	67032	16316	884//	12203	82818	84620	88645
Kew	775	83309	75022	16715	864//	12106	84712	88718	
Heathrow	772	83009	68032	16315	854//	12303	84612	88614	
Honington	586	83308	35958	14415	892//	14205	86703	84925	88632
Wattisham	590								
Gorleston	497	70209	58022	14816	4552/	14206	84625	87460	
Aberporth	502	73604	64022	17915	68532	11105	81820	86635	87075
Filton	628	70205	65024	17318	31502	12000	83828	87075	
Rhoose	715	71504	68012	17317	18401	12001	81817	87075	
Hartland Point	703	72808	62052	17616	22432	13204	82818	83360	87075
Mount Batten	827	72208	68022	17715	1257/	13203	81828	87360	
St. Mawgan	817	73208	65011	17517	54431	12103	84816	83656	
Scilly	804	60904	66021	18518	22530	15205	82823	86360	
Culdrose	809	62307	70031	17517	21531	08001	82820	84362	
Guernsey	894	72907	63022	17916	38332	13205	81709	85359	
Elmdon	534	83408	61605	17614	5542/	11206	82613	85616	88557
Cardington	559	80206	59216	16314	863//	13304	85707	88710	
Wittering	462	83508	48606	16314	872//	13206	84704	88705	
Watnall	354	83408	68036	17315	7842/	12205	85812	85625	88460
Shawbury	414	73305	70021	17617	785//	11102	83824	87650	
Finningley	360	83411	75212	16816	884//	12400	81814	88616	
Spurn Point	396	83616	62026	16514	863//	13305	88708		
Leeming	257	80211	65022	18115	884//	10102	82818	86620	
Tynemouth	262	83616	69032	18914	3362/	14202	83930	88460	
Carlisle	222	71409	82031	18217	786//	10804	83830	86640	
Valley	302	52410	65012	17819	22402	12104	82818	85075	
Ringway	334	70108	65031	17717	786//	09103	82830	87650	
Squires Gate	318	33106	75021	17918	12632	10101	81830		
Ronaldsway	204	71306	82022	18416	12448	11105	81818	87273	
Mull of Galloway	131	51410	84012	18516	12501	10000	81825	85075	
Eskdalemuir	162	40405	75020	18615	42502	08702	84825	84075	
Prestwick	135	61306	84022	18618	11602	08704	81830	86075	
Abbotsinch	140	40706	70021	18917	11502	08805	81825	84075	
Leuchars	171	61107	86012	19615	11502	09803	81828	86075	
Dyce	091	70704	89022	19517	11408	10500	81818	87075	
Lerwick	005	71710	82022	20814	11408	12205	81815	87275	
Wick	075	61413	85012	19514	12532	10102	81826	86075	
Sule Skerry	010	51605	66012	19115	25509	12211	82625	85175	
Cape Wrath	049	71813	74052	18616	735//	12207	82925	87630	
Stornoway	026	72112	80026	18215	3563/	10206	83640	87360	
Benbecula	022	71814	81016	17615	4553/	13207	81621	84650	87362
Tiree	100	11612	82011	18816	18400	12206	81815		
Aldergrove	917	41207	70011	18318	21501	09103	82826	84080	
Malin	980	31310	84011	17519	31500	10302	83828		
Belmullet	976	72606	84022	17417	785//	13210	83820	87640	
Birr	965	72302	80022	17318	785//	12002	84823	86641	
Dublin	969	60909	70032	17917	32402	12105	81713	83818	
Shannon	962	60000	89012	17419	4853/	12104	83824	83650	85360
Roches Point	952	71306	70012	17718	1843/	13105	81818	87359	
Valentia	953	52705	86258	17818	52500	13210	85823		

OBSERVATIONS at 18h. 8 AUGUST 1977

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	70205	75032	17515	6567/	11305	86645	87359	
862	72905	58802	17018	5857/	13302	81720	84828	85650
797	72808	45602	15816	4537/	14205	83708	83620	87358
776	83308	58012	17215	6632/	13303	86709	88459	
775	83108	62505	17415	873//	13102	86708	88712	
772	83106	57515	17315	853//	13203	85708	88612	
586	83209	50209	16015	873//	14206	83706	85708	88711
590								
497	83112	62025	15716	863//	14304	88708		
502	73303	63012	18215	38532	12301	81820	83645	87075
628	73404	65032	17418	58638	12303	84830	83656	87075
715	52506	65012	17218	28532	14500	81824	85075	
703	63302	62032	18215	42431	14303	84815	86360	
827	62307	65052	17617	32632	12301	83830	83075	
817	43407	65011	18116	11402	12302	81815	84070	
804	30402	71021	19218	12572	13203	81820	83360	
809	43409	70051	17917	11502	11301	81820	84072	
894	73403	68022	18015	55732	12801	85650	83360	
534	71603	59046	17515	7543/	13602	81615	83640	87650
559	83404	40218	17315	862//	14104	84705	88710	
462	73608	62256	17315	783//	13304	83709	84812	86622
354	70108	58052	17516	756//	11501	82630	87650	
414	70305	60042	17119	786//	10500	83830	86645	
360	83510	65032	17515	854//	11202	85615	88630	
396	83615	64025	17214	852//	13204	83705	88620	
257	70408	65012	18115	754//	11501	81618	87650	
262	30114	80021	19014	22501	12103	82825		
222	50902	83022	17619	48501	10603	82828	83635	
302	60605	70032	18218	11502	11101	81825	86075	
334	70504	65031	17318	786//	10500	82840	86650	
318	63307	75031	18017	12501	12500	81825	86073	
204	42708	82021	18117	12601	11604	81830	84072	
131	23006	84011	18516	00901	09502	82075		
162	50707	83021	18016	24602	07602	82635	85075	
135	13211	77011	17918	11601	09702	81840		
140	10805	82020	18119	11601	03601	81835		
171	20807	86021	19314	11502	10502	81825		
091	50704	84021	19415	11502	09500	81825	85075	
005	21708	84021	21013	11409	11602	81815		
075	21210	83021	19813	10931	11500	81362		
010	71405	64052	19415	3553/	13501	83625	87360	
049	72305	74052	19015	755//	10502	87625		
026	52109	86022	18116	48530	09603	81825	84650	
022	12010	82021	18115	11532	13301	81823		
100	11606	83030	18615	10931	12602	81360		
917	10906	81020	18018	00901	08603	81080		
980	10912	84010	17816	11500	06500	81828		
976	22507	86011	17817	28500	13301	81821		
965	70000	81012	17519	785//	11302	82825	86640	
969	21006	80021	18216	00902	11302	82070		
962	23107	86011	17918	28630	13302	82830		
952	71810	86022	18316	785//	13303	81823	87656	
953	12707	86021	18617	12531	13304	81824		

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	97191	064	+	r.
862	97210	080	+	pr.
797	97190	013	d.	ir.pr.
776	91171	006	+	d.d.
775	97161	000	d.d.	d.
772	91161	000	dd.d.	d.d.
586	11171	001	prpr.r.Rrtlr	d.did.
590				
497		008		
502	00160	032	+	+
628	00210	077	+	+
715	00190	043	+	+
703	00180	101		
827	00180	073	+	+
817	00180	083	+	+
804	00190	071	+	+
809	00190	087	+	+
894	00171	058	jp	jp
534	95151	000	d.r.-r.rr.r.	r.r.
559	96151	000	ir.	r.pr.ir.
462	03161	000	d.r.drir.	pr.d.
354	92161	000	r.	+
414	00200	018	+	+
360	97160	000	r.r.	+
396			id.-d.d.	d.d.
257	00160	004	+	+
262	00150	090	+	+
222	00190	108	+	+
302	00200	121	+	+
334	00190	047	+	+
318	00180	117	+	+
204	00170	133	+	+
131	00170			
162	00170	139	+	+
135	00200	138	+	+
140	00200	131	+	+
171	00160	125	+	+
091	00171	140	+	+
005	00150	139	+	+
075	00151	109	+	+
010	00160			
049	00171	030	+	+
026	00171	038	+	+
022	00171	046	+	+
100	00171	113	+	+
917	00190	131	+	+
980	0020	132		
976	0019	000		
965	9721	023		
969	9718	099		
962	9720	052		
952	0019	031		
953	9718	101		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

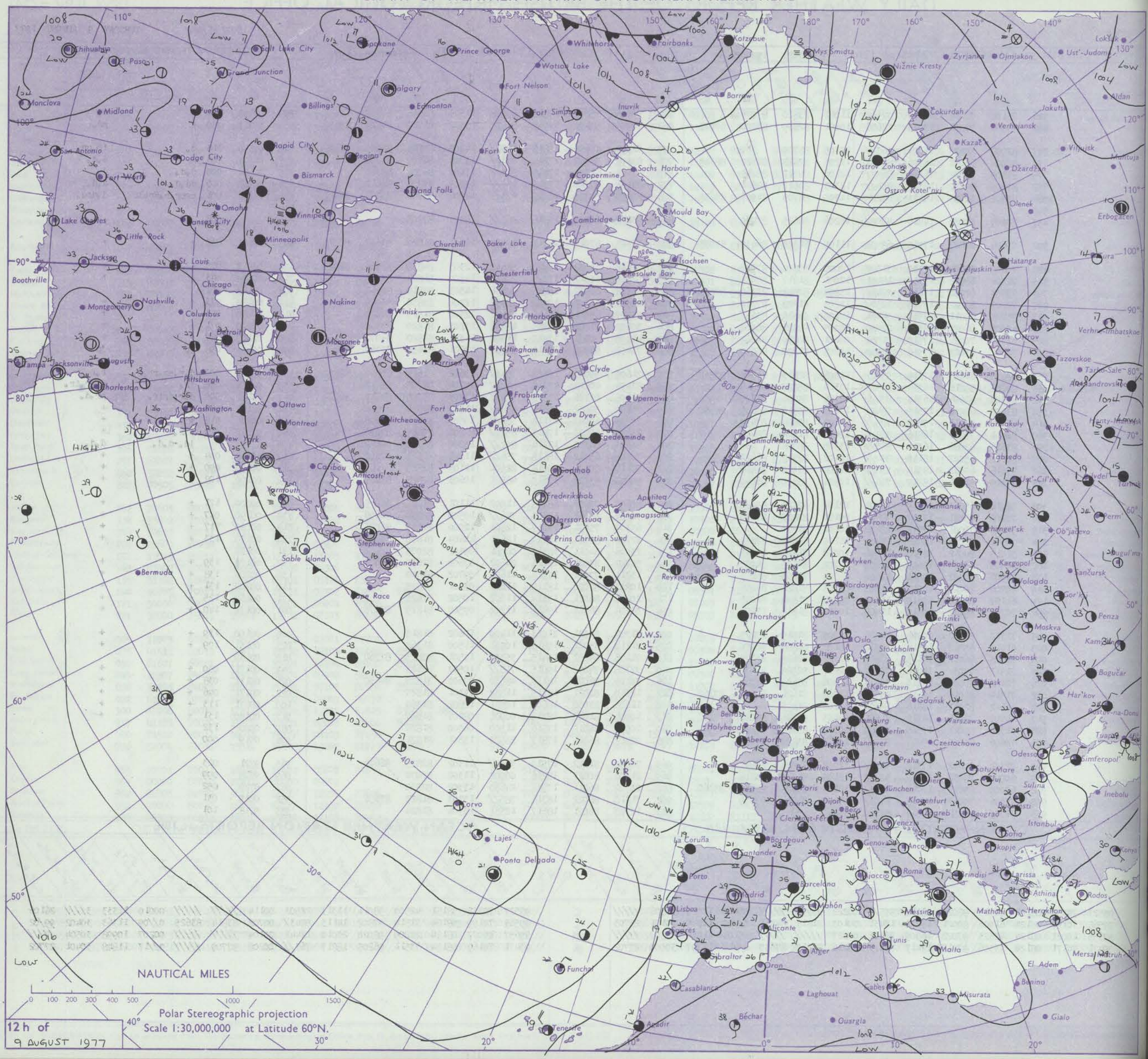
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08121	82713	98025	08312	855//	00222	/////	/////	05110	11325	30806	/////
L	99568	70199	08124	61906	99021	15212	12431	00103	81818	84365	0//09	11349	30101	28703
M	99655	10021	08124	42323	97022	16909	22402	00227	/////	/////	05106	11038	30808	/////
R	99471	70171	08124	73306	97012	17417	784//	00216	83815	87630	0//17	11797	30000	27702

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08181	42509	98011	11313	22502	00114	/////	/////	00010	11333	3////	26106
L	99568	70199	08184	71814	97802	14113	5843/	00708	83814	83625	0//09	11363	30402	99/02
M	99657	10027	08184	22209	98020	20010	12442	00104	/////	/////	00207	10998	30504	/////
R	99471	70169	08184	73511	96205	18817	763//	00208	87709	/////	0//17	11848	30401	27702

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Chihuahua
El Paso
Monclova
Midland
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Kresty
Zyrjanka
Ojmjakon
Ust'-Judoma
Lokčak
Watson Lake
Fort Nelson
Calgary
Edmonton
Billings
Barrow
Inuvik
Aldan
Jakutsk
Čokurdah
Verchojansk
Kazan'
Vilujsk
Mirnyj
Džardžan
Ostrov Zohova
Ostrov Kotel'nyj
Olenek
Erbogačen
Hatanga
Mys Čeljuskin
Ust'-Kara
Tazovskoe
Tarko-Sale
Mare-Sale
Russkaja Selivan
Nord
Uelkenskaja
Verchne-Imbatskoe
Nerson Ostrov
Alert
Eureka
Archic Bay
Isachsen
Resolute Bay
Mould Bay
Sachs Harbour
Coppermine
Cambridge Bay
Baker Lake
Churchill
Chesterfield
Coral Harbour
Nottingham Island
Winisk
Moosonee
Nakina
Thule
Clyde
Upernavik
Frobisher
Cape Dyer
Fort Chimo
Resolution
Pond Inlet
Pond Harrison
Fort Simpson
Fort Smith
Hand Falls
Regina
Rapid City
Bismarck
Minneapolis
Winnipeg
Omaha
Kansas City
Dodge City
Fort Worth
San Antonio
Lake Charles
Little Rock
Jackson
St. Louis
Boothville
Chicago
Nashville
Montgomery
Columbus
Detroit
Pittsburgh
Tampa
Jacksonville
Augusta
Charleston
Washington
Norfolk
New York
Ottawa
Montreal
Caribou
Anticosti
Goose
Yarmouth
Stephenville
Gander
Sable Island
Cape Race
Bermuda
Low A
Low W
Low
High
O.W.S.
Corvo
Lajes
Ponta Delgada
Funchal
Tenerife
Godthab
Frederikshab
Angmagssalik
Prins Christian Sund
Reykjavik
Dalatangi
Thorshavn
Stornoway
Lerwick
Belmullet
Valentia
Holyhead
Scilly
Aberdeen
Glasgow
Manchester
London
Belfast
Oslo
Stockholm
Helsinki
Ona
Myken
Nordoyan
Tromsø
Hammerfest
Murmansk
Arkhangel'sk
Ob"jačevo
Kargopol'
Vologda
Kyborg
Leningrad
Moskva
Smolensk
Kaluga
Penza
Kamyšin
Bogučar
Har'kov
Pavlovsk-na-Donu
Tuapse
Simferopol'
Sulina
Inebolu
Istanbul
Sofia
Kopje
Konya
Larissa
Athina
Rodos
Herakhion
Mathalion
Messina
Malta
Tunis
Bône
Alger
Oran
Gibraltar
Casablanca
Agadir
Laghouat
Béchar
Ouargla
Gabès
Misurata
Gialo
El Adem
Benina
Mersa Matruh
Lisboa
Porto
La Coruña
Santander
Bordeaux
Barcelona
Mahón
Alicante
Madrid
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Clermont-Ferrand
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Ancona
Roma
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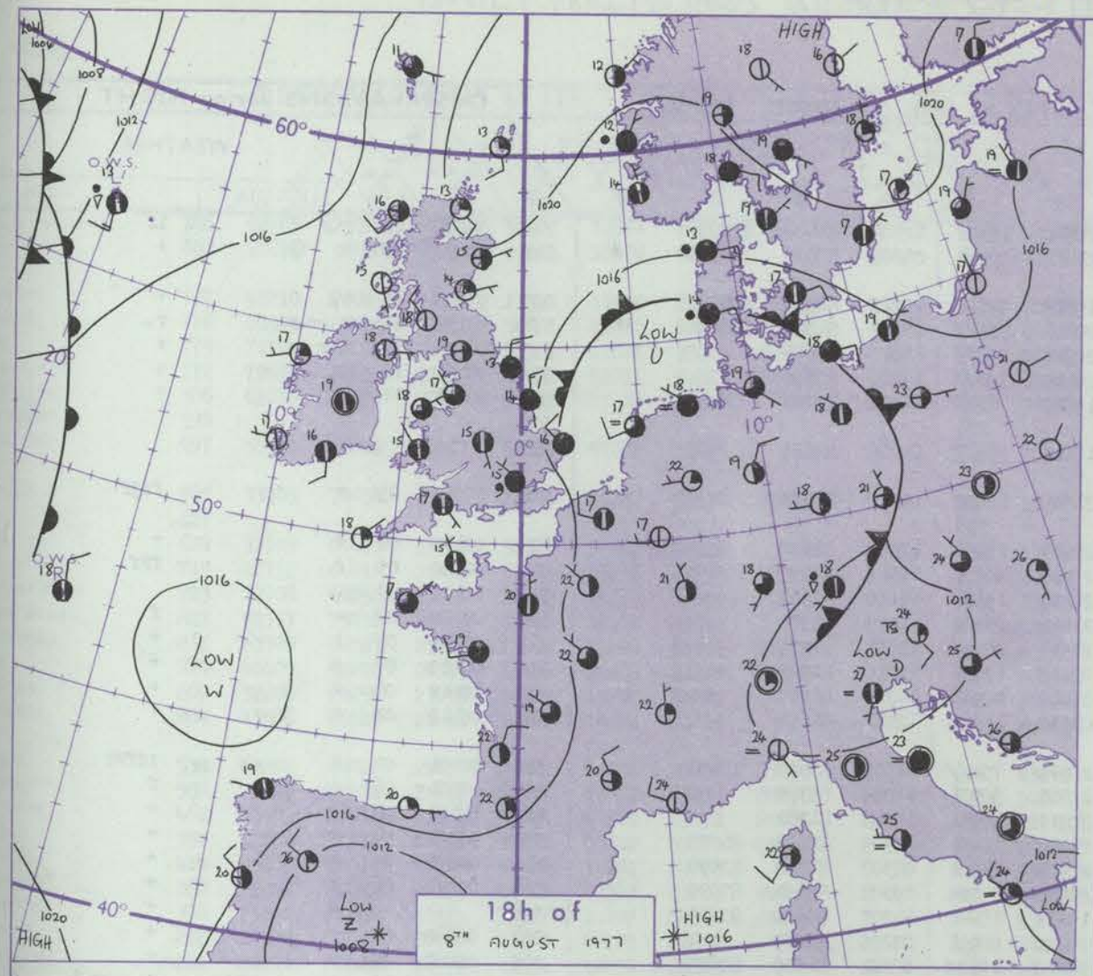
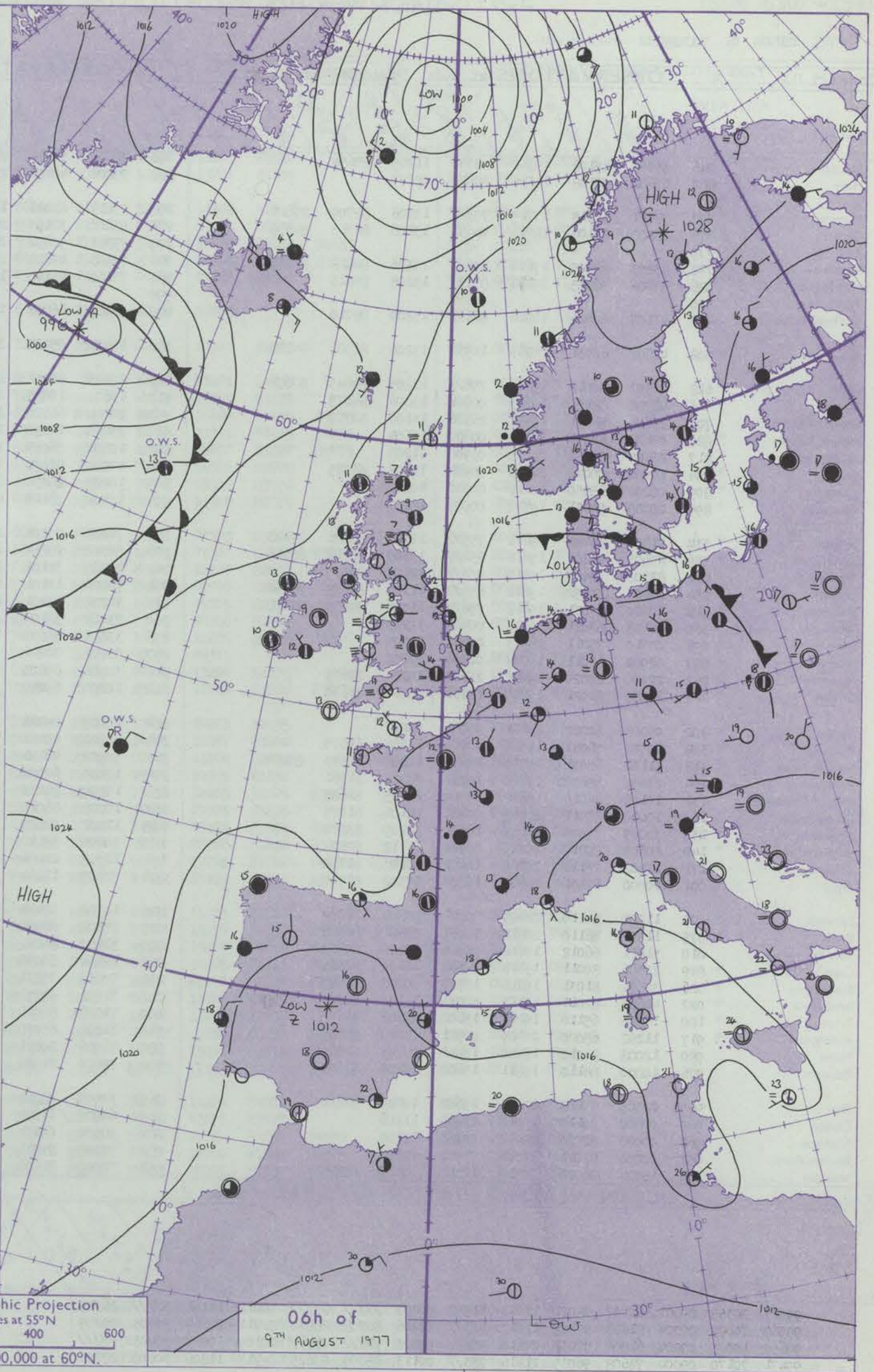
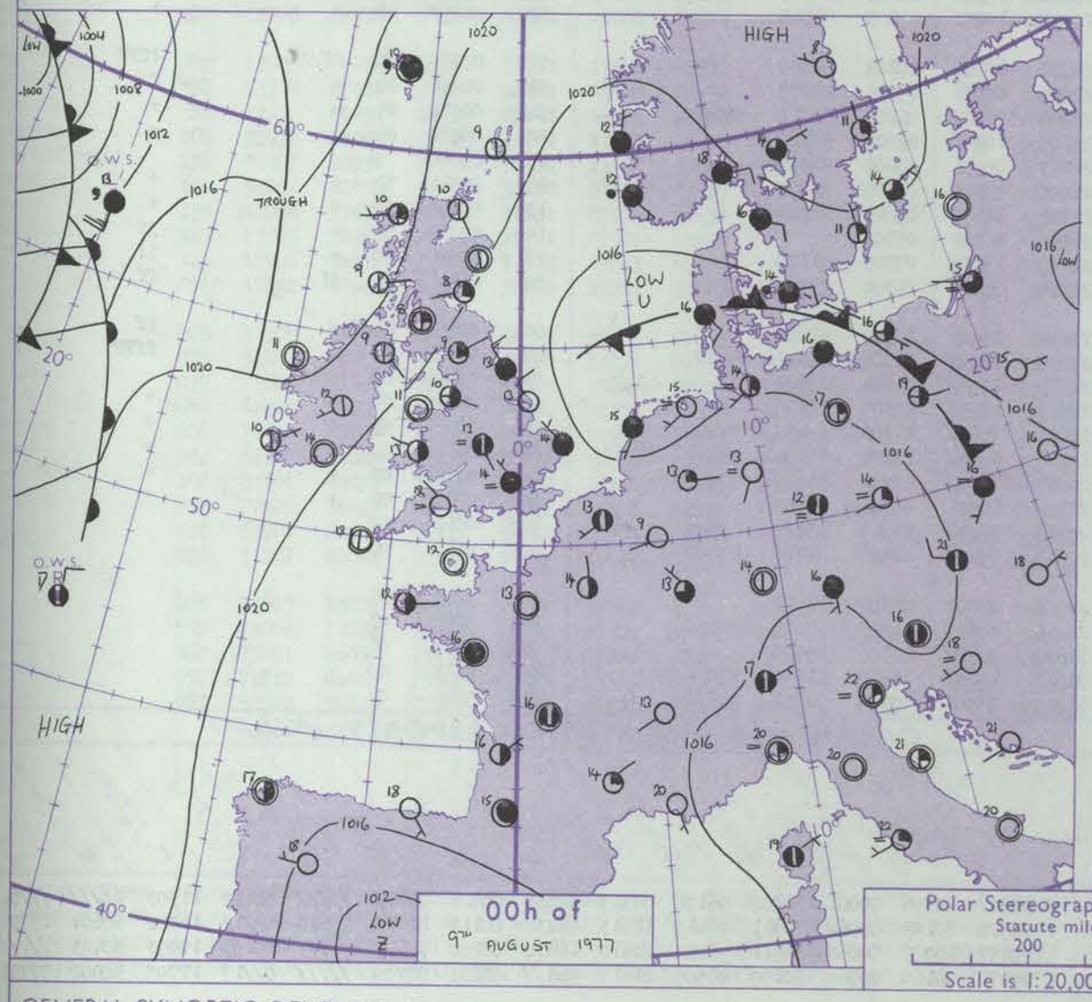
Kiev
Odessa
Satu-Mare
Sibiu
Cluj
Timişoara
Barencburg
Danmarkshavn
Daneborg
Kap Tobin
Kap Morris Jesup
Thule
Jan Mayen
Narssarssuaq
Narssarssuaq
Godthab
Frederikshab
Angmagssalik
Aputiteq







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 9 AUGUST 1977

During the past 24 hours pressure remained low over Germany and the southern North Sea, while a weak ridge of high pressure extended from the Azores over northwestern Britain to Scandinavia. A weak trough moved slowly into Northern Ireland and northwest Scotland.

During the next 24 hours, low pressure is expected to persist over Germany, while a ridge of high pressure builds from the Azores to southwest England. Further troughs of low pressure will move into western Ireland and northwest Scotland.

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

Code FM 11.V **OBSERVATIONS at 00h.** 9 AUGUST 1977

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	53002	45106	19312	55702	11205	85656		
Hurn	862	03602	50108	19510	00900	09207			
Manston	797	73411	60018	17715	753//	13306	82709	87616	
Gatwick	776	63302	25106	18713	46431	13106	84713	84359	
Kew	775								
Heathrow	772	83203	45105	19114	854//	13306	84618	88635	
Honington	586	83006	56015	18114	854//	13208	88616		
Wattisham	590								
Gorleston	497	83107	60026	17814	864//	13209	88710		
Aberporth	502	42802	60031	20213	10932	13206	81362	84075	
Filton	628	71802	60012	19414	756//	12205	84645	87656	
Rhoose	715	42702	58101	19213	00901	13206	84075		
Hartland Point	703	23604	58051	19915	26300	14106	82707		
Mount Batten	827	03402	62051	19414	00900	13104			
St. Mawgan	817	03404	59050	20213	00900	11208			
Scilly	804	10000	70020	21213	00902	12206	81075		
Culdrose	809	00000	65050	20112	00900	10207			
Guernsey	894	00000	57051	19912	00900	12207			
Elmdon	534	71501	34102	19413	755//	12106	83626	87643	
Cardington	559	80103	45206	19414	854//	13209	85712	88615	
Wittering	462	83302	58025	19013	855//	12106	88620		
Watnall	354	63402	40052	19612	655//	11106	82628	86650	
Shawbury	414	70000	68031	19412	756//	11307	84630	87650	
Finningley	360	03103	62021	19111	00900	10205			
Spurn Point	396	03310	75011	18513	00900	11005			
Leeming	257	02904	62011	19708	00900	07202			
Tynemouth	262	22908	69020	19911	25600	10204	82635		
Carlisle	222	20602	81021	19709	15731	08210	81650		
Valley	302	00000	80021	20111	00900	09207			
Ringway	334	10502	56041	19512	00901	11206	81075		
Squires Gate	318	51102	68031	19510	15631	10207	81635	85075	
Ronaldsway	204	23304	80030	19610	10931	07205	81361		
Mull of Galloway	131	10106	84010	19312	15500	09205	81625		
Eskdalemuir	162	10000	80011	20905	00901	04106	81075		
Prestwick	135	30000	75020	20108	00901	07209	83070		
Abbotsinch	140	20605	80010	20209	00902	07112	82078		
Leuchars	171	22502	75110	20208	16402	07203	81710		
Dyce	091	10000	17401	20307	16000	07302	81700		
Lerwick	005	11202	84110	21409	00901	09801	81070		
Wick	075	11502	56110	20510	10931	09301	81362		
Sule Skerry	010	51411	66012	19712	55500	10400	85620		
Cape Wrath	049	22306	80011	19713	25500	10102	82625		
Stornoway	026	32604	81031	19710	15730	09207	81650		
Benbecula	022	41605	82011	19311	40930	11104	84360		
Tiree	100	10805	65110	19809	15600	09206	81635		
Aldergrove	917	11202	65020	20309	00901	07210	81080		
Malin	980	12008	84010	19410	10930	07205	81360		
Belmullet	976	10000	84110	19811	15600	10209	81640		
Birr	965	12305	75018	20012	15600	10109	81636		
Dublin	969	00000	20110	19912	00900	11106			
Shannon	962	00000	82020	20412	00900	12209			
Roches Point	952	00000	82011	20314	00900	12206			
Valentia	953	10504	86020	20510	11500	10107	81824		

OBSERVATIONS at 06h. 9 AUGUST 1977

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	52402	30281	20810	15802	10308	81657	85075	
Hurn	862	70000	40101	21010	00902	09208	87070		
Manston	797	73411	62026	19715	783//	12215	84809	87624	
Gatwick	776	83402	32105	20614	854//	13212	81618	88657	
Kew	775	73301	50052	20814	757//	13210	87656		
Heathrow	772	72903	42102	20614	757//	13210	87656		
Honington	586	73110	45102	19912	762//	11212	87703		
Wattisham	590								
Gorleston	497	72909	66032	19013	755//	12208	87625		
Aberporth	502	11902	05420	21509	10930	09312	81362		
Filton	628	20803	40051	20711	25701	10309	82650		
Rhoose	715	13602	10284	20611	00901	11310	81075		
Hartland Point	703	20000	66400	21214	15631	11110	81640		
Mount Batten	827	23405	14280	21412	26200	12213	82703		
St. Mawgan	817	10305	56050	21513	00901	12211	81075		
Scilly	804	10000	62020	22413	12501	12210	81820		
Culdrose	809	10205	60050	21412	00901	11210	81070		
Guernsey	894	13104	58110	21112	15730	12211	81650		
Elmdon	534	70000	20104	20811	754//	11308	83613	85650	
Cardington	559	50302	28284	20711	50931	11209	85360		
Wittering	462	23205	30101	20711	10931	10208	81362		
Watnall	354	70000	12101	21010	25431	10309	82618	86075	
Shawbury	414	32202	63101	20809	28401	08307	81818	83070	
Finningley	360	73105	38101	20410	35504	09308	83624	87080	
Spurn Point	396	33013	56030	19612	25641	11207	82630	83075	
Leeming	257	53102	70011	20706	00901	05205	85075		
Tynemouth	262	32911	69020	20410	15609	08202	81630	83075	
Carlisle	222	11002	65010	20706	10932	05209	81365		
Valley	302	10402	04424	21209	10932	09208	81360		
Ringway	334	41902	09461	21009	00901	09308	84075		
Squires Gate	318	50902	40101	20408	26402	08207	82712	83070	
Ronaldsway	204	10000	84020	20609	10931	08307	81360		
Mull of Galloway	131	10000	84020	21111	00901	09209	81075		
Eskdalemuir	162	10000	86010	21703	00901	01306	81075		
Prestwick	135	11302	72020	21306	11440	05210	81818		
Abbotsinch	140	00000	58110	21206	00900	05307			
Leuchars	171	12505	24404	20707	15502	07303	81620		
Dyce	091	72905	11284	20809	760//	09304	83700	87702	
Lerwick	005	10202	08414	21411	16001	10500	81700		
Wick	075	72302	01464	20707	760//	07301	85700	86701	
Sule Skerry	010	31607	81031	20412	25530	11304	82620		
Cape Wrath	049	22304	80030	20613	25530	10309	82625		
Stornoway	026	70000	75031	20211	756//	11206	82630	87650	
Benbecula	022	71702	82031	19813	6537/	12204	81708	86626	87460
Tiree	100	71506	86011	20313	756//	12301	83635	87650	
Aldergrove	917	21206	65020	21108	10931	06306	81360		
Malin	980	72006	80021	20313	5573/	11310	85650	85360	
Belmullet	976	70000	84028	20813	754//	12306	81716	87640	
Birr	965	30000	58284	21309	00902	08307	83070		
Dublin	969	60000	11284	21112	4563/	11308	83645	84359	
Shannon	962	90000	04474	21812	9////	12308	89/03		
Roches Point	952	73205	82031	21612	15704	11310	81656	87074	
Valentia	953	70000	84031	21810	78501	09208	84821	84630	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01101	06	r.r	1f
Hurn	862	00090	05	+	+
Manston	797	97140	12	r.	+
Gatwick	776	97131	11	d.-d.r.	r.
Kew	775	96131	12	r.r	+
Heathrow	772	97131	12	d.	+
Honington	586	97111	11	d.	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00080	05	+	ffjf
Filton	628	00110	06	+	+
Rhoose	715	00090	05	f	fFf
Hartland Point	703	00130	08		
Mount Batten	827	00110	07	+	f
St. Mawgan	817	00110	05	+	+
Scilly	804	00120	07	+	+
Culdrose	809	00110	06	+	+
Guernsey	894	00110	02	+	+
Elmdon	534	00101	07	+	1ffFf
Cardington	559	97091	06	d.	f
Wittering	462	00101	08	+	+
Watnall	354	97091	04	+	+
Shawbury	414	00070	04	+	+
Finningley	360	00080	06	+	+
Spurn Point	396			+	+
Leeming	257	00060	02	+	+
Tynemouth	262	00100	08	+	+
Carlisle	222	00050	50	+	+
Valley	302	00080	04	ff	ffFF
Ringway	334	00090	06	+	f
Squires Gate	318	00070	04	+	+
Ronaldsway	204	00070	04	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00011	53	+	+
Prestwick	135	00050	00	+	+
Abbotsinch	140	00050	51	+	jf
Leuchars	171	00060	00	+	1f
Dyce	091	00061	01	jf	ff
Lerwick	005	00081	01	+	1f
Wick	075	91051	01	f	fFFF
Sule Skerry	010	00100	07		
Cape Wrath	049	00110	09	+	+
Stornoway	026	00081	03	+	+
Benbecula	022	00110	07	+	+
Tiree	100	00091	02	+	+
Aldergrove	917	00070	02	+	+
Malin	980	0010	07		
Belmullet	976	9110	06		
Birr	965	9709	06		
Dublin	969	9709	03		
Shannon	962	9711	06		
Roches Point	952	9712	09		
Valentia	953	9708	06		

Code FM 21.V **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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09001	62107	98021	11013	11550	00803	/////	/////	00012	11291	3////	26/05
L	99569	70199	09004	81826	97508	12012	853//	00816	86708	88630	0/11	11369	30505	99/05
M	99655	10025	09004	61906	97031	20610	45470	00803	/////	/////	00109	10983	30403	/////
R	99471	70170	09004	73608	96035	21416	753//	00113	85709	87625	0/17	11806	30000	27703

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09061	71908	96101	07513	32554	00722	/////	/////	00112	11303	3////	///04
L	99570	70198	09064	72311	97015	12313	68431	00112	81710	85620	0/12	11322	30604	18706
M	99657	10027	09064	71811	97022	20610	16370	00400	/////	/////	00109	10993	30403	/////
R	99471	70169	09064	80109	96505	21617	863//	00203	87709	/////	0/17	11795	30000	37703

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42265

Date of Issue WEDNESDAY 10 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 9 AUGUST 1977

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	62705	75021	21319	685//	11501	86828	84650	
Hurn	862	21810	58051	21920	21601	13400	82830		
Manston	797	43210	70011	21318	11531	11205	81820	84358	
Gatwick	776	63503	59046	21719	58501	12001	83828	83657	
Kew	775	72905	62022	21819	51501	11801	85825	85075	
Heathrow	772	72005	58052	21619	58501	12001	84823	85075	
Honington	586	63010	80031	20719	52601	09203	85830		
Wattisham	590								
Gorleston	497	53310	66022	20817	52500	09207	85825		
Aberporth	502	33305	70034	23216	11401	13208	81814	83075	
	627								
Filton	628	33109	67011	21720	32500	11202	83828		
Rhoose	715	22712	66010	22019	21531	13205	82825		
Hartland Point	703	72906	60051	23317	21634	14210	82830	87075	
Mount Batten	827	52109	75031	22619	42501	14203	84828		
St. Mawgan	817	63109	80021	23219	12402	13206	81818	86075	
Scilly	804	40000	62020	24319	11508	16208	81820	84280	
Culdrose	809	32208	60050	23018	31501	13207	83822		
Guernsey	894	13506	76020	22818	11401	10208	81815		
Elmdon	534	62807	66022	21419	42601	09101	84835	83075	
Cardington	559	73305	59052	21619	68601	12801	85830	86075	
Wittering	462	53209	60011	21218	31601	10802	83832	83075	
Watnall	354	52704	70031	21119	32602	09802	83832	83081	
Shawbury	414	43605	70011	21520	42500	10801	84825		
Finningley	360	53509	82022	20819	11602	07703	81840	84080	
Spurn Point	396	73602	64258	21315	7857/	11207	84820	87625	
Leeming	257	20109	80011	21418	21601	08101	82834		
Tynemouth	262	30214	80020	22014	12531	12106	81825		
Carlisle	222	12905	82020	21420	11501	09400	81828		
Valley	302	12808	82024	22819	11631	11206	81830		
Ringway	334	23108	68014	21319	22601	08603	82830		
Squires Gate	318	22910	80031	22118	22401	14205	82818		
Ronaldsway	204	32410	84030	22018	11601	11002	81830	83078	
Mull of Galloway	131	52407	80031	22417	18531	13207	81820	85075	
Eskdalemuir	162	33002	82030	21019	32600	09303	83830		
Prestwick	135	42708	81030	22119	11631	05105	81830	83070	
Abbotsinch	140	23005	80030	21521	11501	07301	81824		
Leuchars	171	10906	84020	21817	11601	09203	81835		
Dyce	091	12602	80024	21418	11502	10202	81820		
Lerwick	005	11505	70024	22015	11401	10302	81815		
Wick	075	51409	86034	21713	12404	11203	81710	85075	
Sule Skerry	010	71602	81031	21915	25501	13208	82625	87075	
Cape Wrath	049	62306	74031	21415	38531	11205	82825	84360	
Stornoway	026	72010	80022	21115	785//	12302	82820	87645	
Benbecula	022	62107	89028	21416	5843/	13206	81814	85640	
Tiree	100	51706	80012	21917	38532	13106	81826	83072	
Aldergrove	917	72406	70021	22118	5863/	12207	81835	85656	86359
Malin	980	62707	84022	22117	58431	13207	81818	84650	
Belmullet	976	71707	88012	22018	6853/	11004	81821	86643	
Birr	965	72603	83024	22918	785//	12204	85823	86640	
Dublin	969	73004	70022	22020	52532	11001	85820	84360	85070
Shannon	962	73001	86034	23118	785//	11204	84825	85650	
Roches Point	952	71710	84012	23018	525/8	13106	85822	87274	
Valentia	953	52602	84022	22918	32531	14400	83821	83362	

OBSERVATIONS at 18h. 9 AUGUST 1977

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	23307	69021	21320	28600	11201	81840		
862	12210	60058	21919	11601	15701	81835		
797	21908	66020	21617	22501	12302	82825		
776	62407	59042	21918	65700	13205	86656		
775	50502	59022	21920	58601	12202	82835	84650	
772	53504	60018	21521	48601	11301	82835	83650	
586	30109	78011	21519	00902	09307	83080		
590								
497	03412	66011	21916	00900	10205			
502	23505	72030	23516	20931	12302	82363		
627								
628	12508	68010	21920	18600	13203	81835		
715	23013	72030	22219	18641	13302	81830		
703	52806	69011	23318	14601	16400	81630	85075	
827	73511	75022	22620	14632	13301	81635	86075	
817	43208	80011	23417	12502	14400	81820	84075	
804	20102	66031	24619	00902	16301	82075		
809	33311	63051	23319	00902	13301	83070		
894	73304	65031	23217	00902	11500	87075		
534	43207	66011	21820	44601	07303	83640		
559	30306	65011	21620	12601	07302	81840	83075	
462	20711	62011	22117	24701	12207	82650		
354	20408	81011	21720	24600	09006	82645		
414	13408	81020	22219	10941	09205	81364		
360	10208	83021	21820	11601	08306	81845		
396	43611	70011	22716	11530	12206	81820	84360	
257	00206	70010	22718	00900	09311			
262	10205	61020	23414	00905	13206	81275		
222	42408	82030	21718	28601	10008	81830	83075	
302	22805	81010	23319	12631	10203	81835		
334	13110	70020	22419	14601	10307	81840		
318	23109	80010	23017	00901	11204	82075		
204	22506	82031	22818	15701	11005	81650		
131	42609	83031	23015	15535	12205	81625	83360	
162	43306	81011	21717	32602	09305	83835		
135	42708	81021	22817	11642	09106	81835	83075	
140	52807	82011	21921	18632	08306	81832	83075	
171	70908	82031	22315	4863/	10205	81840	84650	86362
091	50906	75051	22316	11432	11107	81710	85075	
005	21604	81020	22913	11401	11206	81815		
075	71405	89022	22813	45742	12210	84650	86358	87070
010	72004	66051	22715	4553/	13206	84625	87360	
049	42303	74051	22615	15530	12208	81625	84360	
026	52607	82012	22317	28531	09206	81820	83362	
022	72309	89022	22415	784//	13102	81819	87656	
100	42607	89011	22817	18432	11205	81818		
917	62305	68031	22419	2863/	13204	81830	85360	
980	43404	89021	23116	38431	13207	81818	83645	
976	42110	88011	22817	485/2	13203	81820	84640	
965	73107	84012	22919	38502	11204	81822	83640	86070
969	31607	70011	22619	38532	12205	81827		
962	63207	86258	23519	58632	13109	81830	85650	
952	71807	84021	23218	18532	12204	81822	87365	87074
953	72604	89031	23717	15632	14205	81637	84360	85070

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00220	092 +		+
862	97210	110 +		pr.
797	00210	075 +		+
776	00220	043 +		+
775	00210	035 +		+
772	97210	026 pr.		+
586	00211	111 +		+
590				
497		108		
502	00170	129 +		+
628	00210	097 +		+
715	00200	131 +		+
703	00190	123		
827	00210	119 +		+
817	00200	133 +		+
804	00200	124 +		+
809	00200	129 +		+
894	00190	129 +		+
534	00220	104 +		+
559	00211	074 +		+
462	00211	107 +		+
354	00220	121 +		+
414	00220	128 +		+
360	00210	119 +		+
396		pr.		+
257	00200	136 +		+
262	00150	110 +		+
222	00220	129 +		+
302	00200	131 +		+
334	00210	115 +		+
318	00190	126 +		+
204	00200	136 +		+
131	00180			
162	00211	128 +		+
135	00190	128 +		+
140	00220	127 +		+
171	00180	110 +		+
091	00191	100 +		+
005	00160	139 +		+
075	00150	099 ff		+
010	00160			
049	00160	095 +		+
026	00181	025 +		+
022	97170	024 pr.		+
100	00181	064 +		+
917	00210	093 +		+
980	0018	042		
976	0019	033		
965	9720	041		
969	0020	050		
962	9719	028		
952	0019	087		
953	0018	096		

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

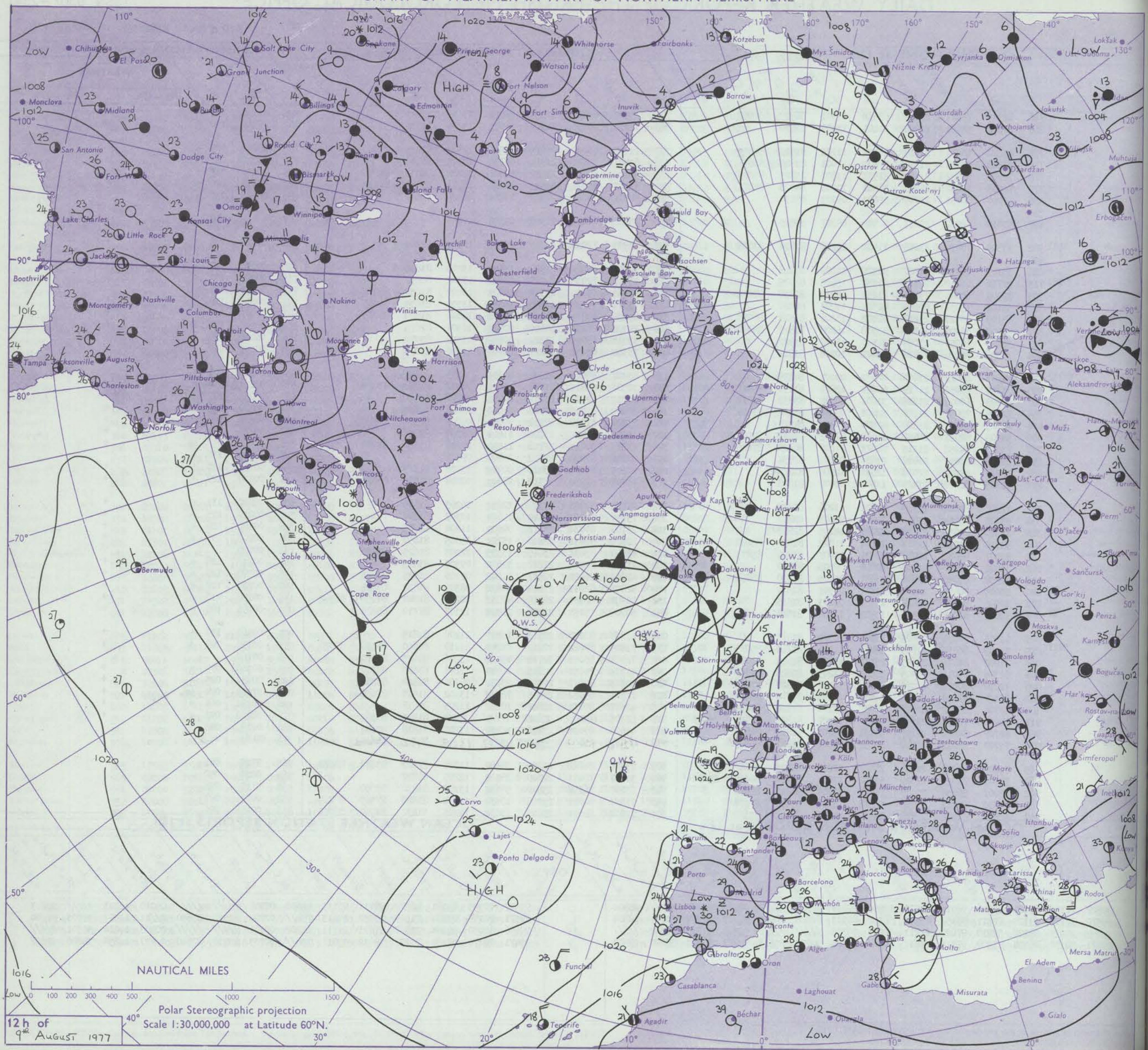
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09121	42006	98011	05513	11550	00614	/////	/////	00112	11307	3////	28804
L	99570	70199	09124	72311	98152	15112	58332	00113	82708	84620	0//09	11374	30704	19704
M	99656	10029	09124	52010	97022	21211	50940	00306	/////	/////	00310	11016	30302	/////
R	99471	70170	09124	73508	97015	23017	753//	00104	82709	83613	0//17	11801	30000	27802

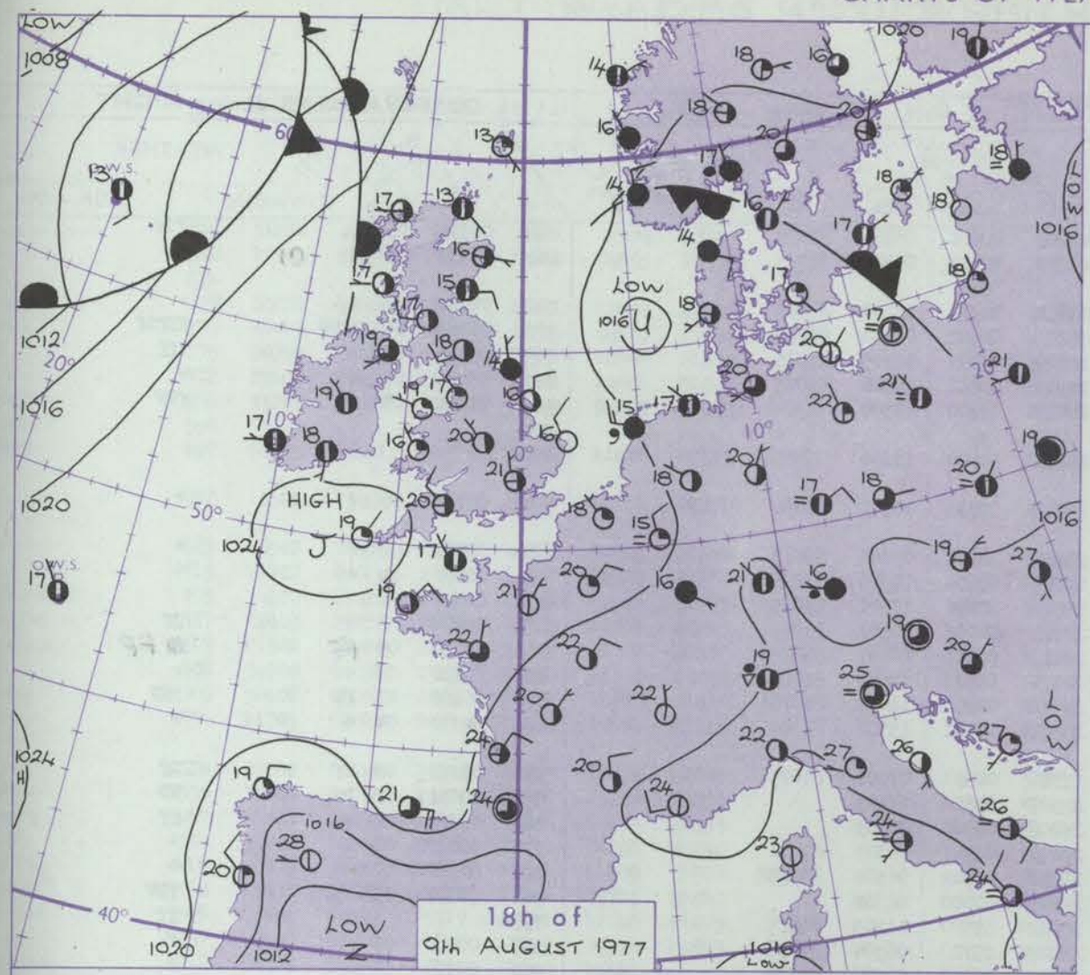
OCEAN WEATHER STATION REPORTS at 18h.

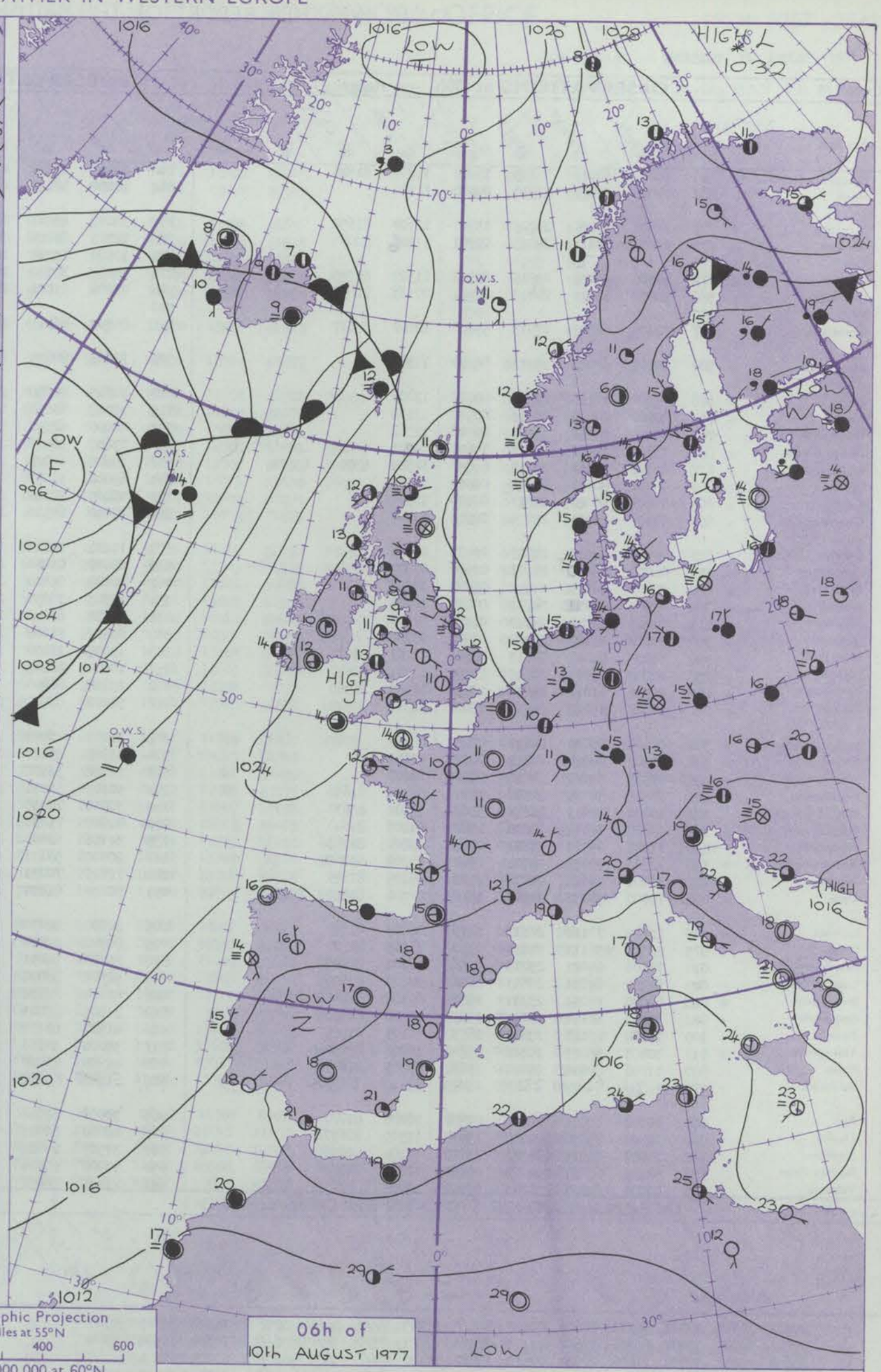
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09181	42708	98011	03113	42500	00708	/////	/////	05010	11343	3////	28703
L	99571	70199	09184	71509	98032	14613	784//	00704	81818	87650	0//11	11373	30703	99/04
M	99656	10030	09184	31807	97021	21711	00902	00101	/////	/////	00308	11014	30301	/////
R	99471	70170	09184	73107	98012	23017	754//	00703	81710	87640	0//17	11859	30000	27802

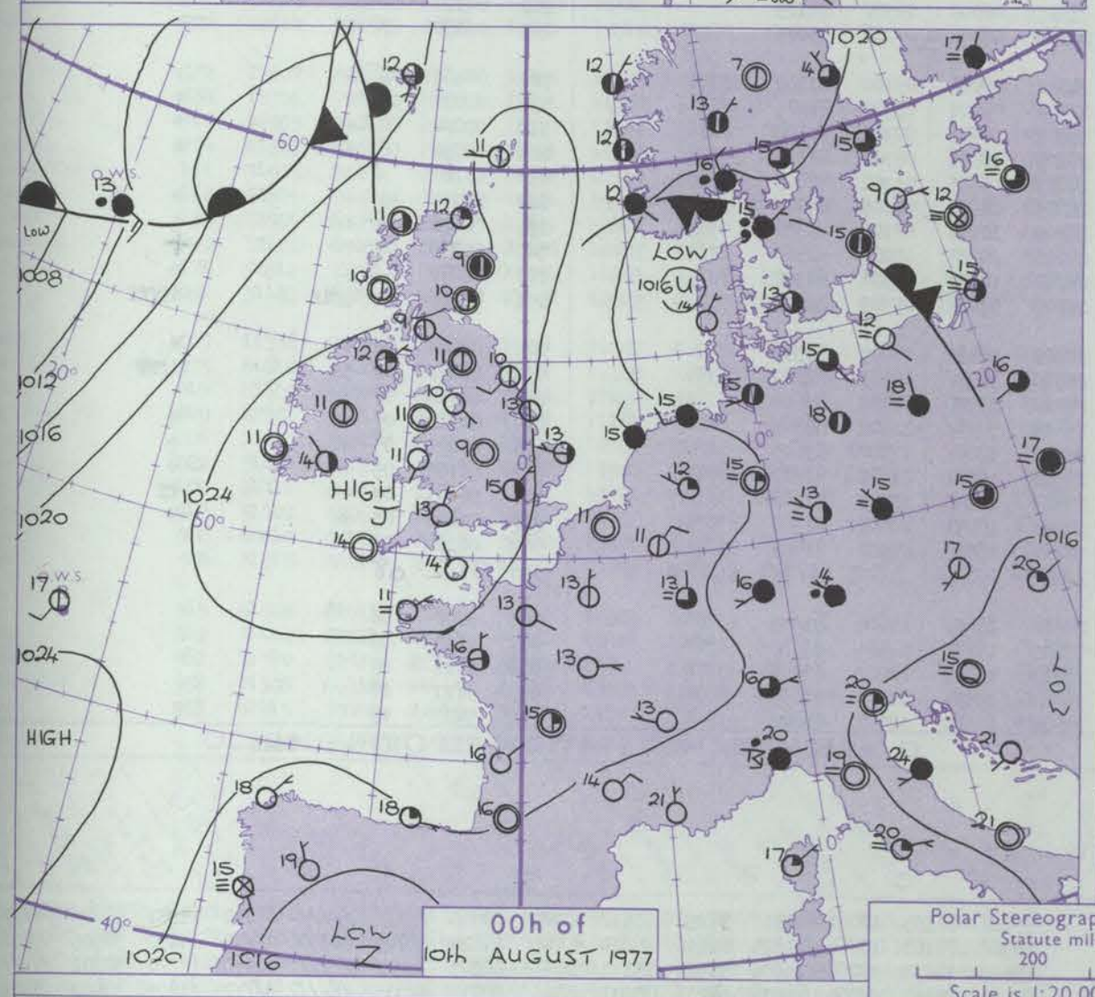
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 10 AUGUST 1977

During the past 24 hours an anticyclone developed over the British Isles. During the next 24 hours the anticyclone is expected to drift slowly eastwards. Weak frontal troughs within the circulation of an Atlantic low pressure complex may affect parts of Northern Ireland and northwest Scotland later.

Code FM 11.V

OBSERVATIONS at 00h. 10 AUGUST 1977

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	13004	60010	24113	15600	11207	81640		
Hurn	862	00000	50050	23912	00900	11204			
Manston	797	12803	40051	23213	15700	12104	81650		
Gatwick	776	20000	04411	24011	00901	11206	82075		
Kew	775								
Heathrow	772	40206	56051	23915	00902	11309	84075		
Honington	586	10000	64011	24010	00901	09103	81080		
Wattisham	590								
Gorleston	497	52805	66021	23913	55400	12207	85617		
Aberporth	502	01902	62010	25311	00900	11304			
Filton	628	00000	40100	24513	00900	12209			
Rhoose	715	00000	64010	24113	00900	12104			
Hartland Point	703	00103	66051	24715	00900	12302			
Mount Batten	827	13403	70011	24515	15600	14203	81645		
St. Mawgan	817	60302	08461	25015	660//	14303	83700	85702	
Scilly	804	00000	80020	25614	00900	13102			
Culdrose	809	03607	60020	24813	00900	12301			
Guernsey	894	03401	58051	24714	00900	13104			
Elmdon	534	00000	64020	24709	00900	08106			
Cardington	559	00000	05410	24607	00900	07307			
Wittering	462	00000	56040	24611	00900	10207			
Watnall	354	02502	56050	24711	00900	10205			
Shawbury	414	02703	62040	24709	00900	07107			
Finningley	360	00702	58100	24410	00900	09208			
Spurn Point	396	13208	68011	24713	00901	12207	81075		
Leeming	257	20202	65011	24611	25800	11101	82657		
Tynemouth	262	22302	61020	24612	20930	12103	82360		
Carlisle	222	10000	65020	24011	15601	10211	81640		
Valley	302	00000	63020	24911	00900	08303			
Ringway	334	01302	60020	24512	00900	10001			
Squires Gate	318	01403	65020	24710	00900	09207			
Ronaldsway	204	23505	84031	24309	15701	06204	81656		
Mull of Galloway	131	30000	74011	24114	35600	13304	83630		
Eskdalemuir	162	20000	80010	25206	15601	04205	81640		
Prestwick	135	11102	65021	24509	00901	08207	81075		
Abbotsinch	140	12502	70021	24011	10931	10209	81362		
Leuchars	171	30000	70011	24010	20932	09105	82359		
Dyce	091	70000	56052	24209	35732	09206	83650	86075	
Lerwick	005	12705	70110	24111	10930	08003	81359		
Wick	075	22502	56111	24112	25300	11205	81709		
Sule Skerry	010	70000	64021	23713	755//	12102	87625		
Cape Wrath	049	62302	74031	24013	655//	08207	86625		
Stornoway	026	40000	81011	23711	15601	09106	81645	83075	
Benbecula	022	31703	86111	23611	15532	10106	81620		
Tiree	100	10000	75120	23910	18532	10103	81825		
Aldergrove	917	30403	65021	24312	35700	10209	83650		
Malin	980	11706	89011	24411	15601	09205	81645		
Belmullet	976	11206	86011	23314	15600	13101	81640		
Birr	965	10000	70011	24511	00902	10206	81070		
Dublin	969	12704	75030	24114	15602	11305	81630		
Shannon	962	10000	80011	24313	15700	11104	81650		
Roches Point	952	43101	83021	24214	00901	12204	84074		
Valentia	953	00000	89021	24311	00900	10205			

OBSERVATIONS at 06h. 10 AUGUST 1977

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	23002	45280	24809	00901	08204	82075		
Hurn	862	10000	18110	24509	00901	08305	81075		
Manston	797	30109	65011	24414	32301	13210	83808		
Gatwick	776	12501	04424	25306	00902	06308	81075		
Kew	775	10000	13124	25208	00901	08205	81075		
Heathrow	772	13501	35110	24911	00901	10206	81075		
Honington	586	03204	01421	24710	00900	10304			
Wattisham	590								
Gorleston	497	02905	66011	24512	00900	11206			
Aberporth	502	71602	80021	25113	1573/	10301	81650	87359	
Filton	628	20705	40050	25211	00901	09305	82075		
Rhoose	715	10702	64020	24910	00901	09305	81075		
Hartland Point	703	40000	62030	24514	00901	13501	84075		
Mount Batten	827	13602	30400	24111	00901	10301	81075		
St. Mawgan	817	10602	60024	24413	00901	09601	81075		
Scilly	804	60000	50051	24914	66300	14503	86708		
Culdrose	809	10405	30114	24311	00901	11601	81070		
Guernsey	894	10000	60110	24314	00901	13500	81080		
Elmdon	534	11101	25114	25307	00901	07001	81075		
Cardington	559	00000	01444	25307	00900	07103			
Wittering	462	00000	05410	25208	00900	08203			
Watnall	354	12503	38050	25110	00901	09303	81081		
Shawbury	414	32502	62040	25506	00902	06304	83075		
Finningley	360	01502	01464	24708	00900	08302			
Spurn Point	396	13005	18400	25012	15500	11203	81625		
Leeming	257	10000	40104	25207	15700	06304	81656		
Tynemouth	262	23208	61020	25211	00909	09307	82175		
Carlisle	222	51202	65031	24908	00902	07206	85075		
Valley	302	31103	70020	24811	10931	09102	81362	83075	
Ringway	334	11802	25110	25509	00901	09305	81075		
Squires Gate	318	21002	32100	25309	00901	09305	82075		
Ronaldsway	204	50105	82031	24509	10931	08302	81363	85075	
Mull of Galloway	131	30000	74030	24613	15535	11102	81625	83360	
Eskdalemuir	162	40000	75030	26005	00902	03305	84075		
Prestwick	135	31106	62040	24709	10931	07101	81359		
Abbotsinch	140	20000	58111	24609	20931	09204	82360		
Leuchars	171	72803	70031	24709	10932	08306	81359	87075	
Dyce	091	90000	02434	24709	9////	09305	89/01		
Lerwick	005	20000	82030	24811	10931	10205	81359		
Wick	075	60702	02424	24310	3603/	10303	83700	86359	
Sule Skerry	010	20000	64051	24012	25500	12102	82620		
Cape Wrath	049	52305	88021	23813	5093/	11602	85365		
Stornoway	026	42004	82031	23612	35601	12500	83645		
Benbecula	022	31505	89021	23311	15001	11502	81701	83075	
Tiree	100	41507	89111	23713	28132	13503	81702		
Aldergrove	917	31002	30110	24411	10931	10202	81360	83075	
Malin	980	41808	89020	23712	15632	09502	81645	83075	
Belmullet	976	51308	86031	22613	16404	12602	81719	85070	
Birr	965	30000	82011	23510	15602	10606	81635	83070	
Dublin	969	40000	82011	23814	1573/	12501	81650	84362	
Shannon	962	31303	80011	23313	15202	12505	81704	83070	
Roches Point	952	50000	60111	24012	15604	11201	81635	85074	
Valentia	953	71108	86031	22914	62502	12507	86822		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00090	05 +	f1f	
Hurn	862	00080	04 +	+	
Manston	797	97110	07 +	+	
Gatwick	776	97060	04 1fFF	FFf1f	
Kew	775	00060	01 1f	1ff	
Heathrow	772	00101	05 +	+	
Honington	586	91091	05 +	fFF	
Wattisham	590				
Gorleston	497				
Aberporth	502	00110	06 +	+	
Filton	628	00100	02 +	+	
Rhoose	715	00090	04 +	+	
Hartland Point	703	00130	08		
Mount Batten	827	00100	07 +	jf	
St. Mawgan	817	00110	09 ff	■ ff	
Scilly	804	00130	08 +	+	
Culdrose	809	00100	07 FF	FFF	
Guernsey	894	00130	04 +	+	
Elmdon	534	00050	02 1f	1f	
Cardington	559	00051	02 FF	FF	
Wittering	462	00071	05 +	ff	
Watnall	354	00090	05 +	+	
Shawbury	414	00050	00 +	+	
Finningley	360	00070	03 fFF	fFF	
Spurn Point	396		+	ff	
Leeming	257	00060	03 +	f	
Tynemouth	262	00100	07 +	+	
Carlisle	222	00060	02 +	+	
Valley	302	00100	06 +	+	
Ringway	334	00090	07 +	+	
Squires Gate	318	00070	04 +	+	
Ronaldsway	204	00080	06 +	+	
Mull of Galloway	131	00120			
Eskdalemuir	162	00031	51 +	+	
Prestwick	135	00070	05 +	+	
Abbotsinch	140	00090	04 +	+	
Leuchars	171	00080	+	+	
Dyce	091	00071	04 jf1f	ifffF	
Lerwick	005	00080	03 +	+	
Wick	075	00070	04 1f	1fFF	
Sule Skerry	010	00110	06		
Cape Wrath	049	00110	09 +	+	
Stornoway	026	00091	05 +	+	
Benbecula	022	00100	05 +	+	
Tiree	100	00091	02 +	ff	
Aldergrove	917	00090	05 +	+	
Malin	980	0010	07		
Belmullet	976	9712	08		
Birr	965	9709	06		
Dublin	969	9712	08		
Shannon	962	9712	09		
Roches Point	952	9711	07		
Valentia	953	9709	07		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	10001	82710	97606	03412	845//	00003	/////	/////	05210	11320	3//03	/////
L	99570	70197	10004	81216	97602	11113	5732/	21821	85708	88459	0//13	11374	30504	25704
M	99656	10031	10004	31808	97020	22610	10872	00202	/////	/////	00109	11025	30201	/////
R	99470	70170	10004	11909	98021	23017	15400	00801	81615	/////	0//16	11754	30000	27702

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	10061	82711	97258	03512	6345/	00310	/////	/////	05110	11281	3//05	/////
L	99568	70183	10064	81524	96616	08014	6732/	21824	86706	88550	0//13	11430	30505	23706
M	99659	10034	10064	21804	97020	23111	10882	00203	/////	/////	00110	11070	30201	/////
R	99471	70169	10064	81918	98216	20017	854//	00714	88615	/////	0//17	11805	30402	27802

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 42266

ISSN 0307–2541

Date of Issue THURSDAY 11 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 10 AUGUST 1977

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	31204	70030	24421	31601	07805	83845		
Hurn	862	11509	58050	25121	12601	09603	81835		
	871								
Manston	797	20107	80020	25018	11401	12000	81816		
Gatwick	776	40407	70034	24922	22601	08807	82840	83080	
Kew	775	20702	60030	25121	11601	10808	81840		
Heathrow	772	23602	61030	24922	11501	10806	81828		
Honington	586	33207	72024	24619	11602	08805	81832	83080	
Wattisham	590								
Gorleston	497	60215	66021	24816	2155/	11801	82825	86358	
Aberporth	502	13603	75021	25018	11601	12801	81830		
Filton	628	40902	70030	24521	42601	10808	84840		
Rhoose	715	11407	66020	24722	11601	12803	81830		
Hartland Point	703	30000	62020	24718	12501	13400	81825	83075	
Mount Batten	827	22408	75030	24618	22500	12703	82825		
St. Mawgan	817	21302	80020	24222	11602	11704	81830		
Scilly	804	50000	60031	25221	00904	15803	85075		
Culdrose	809	51406	68051	24321	11601	12705	81830	85070	
Guernsey	894	11704	62020	24919	11500	10802	81825		
Elmdon	534	23002	62040	24922	21600	10804	82840		
Cardington	559	33204	60054	25021	12601	11807	81830		
Wittering	462	43503	68034	24821	48600	10806	84835		
Watnall	354	52301	68031	24622	52600	09703	85840		
Shawbury	414	30903	76020	24522	11601	11809	81834	83075	
Finningley	360	13503	75024	24721	11601	09705	81840		
Spurn Point	396	10308	60024	25717	00901	12002	81075		
Leeming	257	10306	65020	24921	11600	09805	81845		
Tynemouth	262	00804	61020	26115	00900	13102			
Carlisle	222	42604	75031	24121	12601	10810	81830	84075	
Valley	302	22307	82021	25120	12501	12102	81825		
Ringway	334	12702	70020	24721	12601	10707	81835		
Squires Gate	318	42905	80011	25120	11501	13802	81824	84078	
Ronaldsway	204	61306	75031	25018	11501	12302	81827	86075	
Mull of Galloway	131	71905	80031	25017	00901	12500	87075		
Eskdalemuir	162	21805	81010	24021	12501	09704	81828		
Prestwick	135	22909	62050	24519	12601	12602	81830		
Abbotsinch	140	32103	68030	24121	32600	12607	83830		
Leuchars	171	50812	72021	24717	11501	11803	81825	85080	
Dyce	091	31108	60054	24818	11401	12602	81710	83080	
Lerwick	005	11506	80020	25516	11401	11202	81815		
Wick	075	61610	12404	24813	36001	11500	81701	83703	
Sule Skerry	010	41405	64020	24616	25501	12400	82620		
Cape Wrath	049	42301	86031	24515	11601	11101	81830	84075	
Stornoway	026	21710	88011	23816	11531	12602	81822		
Benbecula	022	71411	88031	23316	42302	13500	81706	84813	85075
Tiree	100	61411	89014	23517	11602	13702	81830	86075	
Aldergrove	917	51202	62051	23721	42501	14802	84825		
Malin	980	60610	70101	22917	38502	13804	83822	84075	
Belmullet	976	31915	88011	21519	11502	13705	81820	83070	
Birr	965	41909	82011	22921	31502	12804	83828		
Dublin	969	51412	80021	23319	48501	14804	82824	83645	
Shannon	962	41710	82024	22320	32602	11710	83830	84070	
Roches Point	952	71508	80032	24119	22406	14802	82819	87278	
Valentia	953	61815	70012	22019	52502	14607	85822	85070	

OBSERVATIONS at 18h. 10 AUGUST 1977

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	31909	70021	23220	14601	10706	81845		
862	32006	60030	24119	00901	09707	83075		
871								
797	11308	82020	23517	15701	11706	81656		
776	22206	65011	23420	24600	13806	81835		
775	70506	75021	23722	786//	09606	81845	87656	
772	30104	72031	23323	34700	08606	81850	83657	
586	10109	81010	23720	11600	05500	81835		
590								
497	10115	66021	24515	11500	13400	81825		
502	50103	70031	23718	00901	12710	85075		
628	63203	64051	23122	11601	11708	81842	86080	
715	21602	66010	23122	00901	11608	82075		
703	50000	60051	23517	00905	15806	85075		
827	42705	60051	23618	11501	16708	81828	84075	
817	43404	75020	23220	11602	12707	81830	84075	
804	60000	60022	23918	15632	15711	81630	86075	
809	41205	65051	23120	00901	12809	84070		
894	10307	61050	23618	00902	10708	81075		
534	51302	66021	23322	58701	11710	81850	85656	
559	50703	66011	23820	58600	13703	81835	85650	
462	50707	70031	24219	45730	11601	84650		
354	60701	60051	23721	60831	11607	86357		
414	41302	72011	22623	11602	10710	81845	84075	
360	41007	75011	23720	38760	10501	81850	83656	
396	10703	75020	25315	15570	13704	81625		
257	30307	75030	24021	21761	10603	82850		
262	21206	69020	25315	00908	13706	82275		
222	52804	81031	23720	11601	12704	81842	85080	
302	73503	82031	23720	12602	11709	81830	87075	
334	22902	70020	23123	11601	09710	81840		
318	43405	70021	23521	00901	11711	84080		
204	70903	82032	23717	00902	12708	87075		
131	61909	82012	23617	00901	12810	86075		
162	61905	82031	23319	00904	08808	86075		
135	62402	67031	23519	38601	13709	81830	83650	85075
140	72506	81021	23220	11632	13707	81840	87080	
171	61208	82011	24017	00902	08706	86075		
091	71207	70031	24317	15734	07603	81650	87080	
005	10000	80020	25615	11401	10602	81815		
075	61212	86021	24414	00902	09603	86075		
010	61108	74031	23715	35501	11809	83620	86075	
049	60908	82021	23715	11602	12808	81830	86075	
026	71605	88021	22516	15602	12712	81632	87070	
022	71411	84012	21516	30938	13611	83366	85272	
100	61312	80012	21717	00908	14714	86275		
917	61411	80022	22019	10932	11608	81360	86075	
980	71008	65052	20519	785/2	13615	81825	87645	
976	71912	80021	17918	11536	13707	81821	87270	
965	71810	70031	21420	00902	11707	87070		
969	71412	86022	21620	18636	10710	81830	87270	
962	71810	82031	20520	22602	12710	82835	85075	
952	71307	70022	22217	11402	15808	81819	87078	
953	61714	70022	20418	42502	14610	84822	86070	

OBSERVATIONS during DAY

iii	RRT T E x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00230	112 +		+
862	00220	125 +		+
797	00210	127 +		+
776	00230	111 +		+
775	00230	102 +		+
772	00240	110 +		+
586	00220	108 +		+
590				
497		110		
502	00200	101 +		+
628	00240	102 +		+
715	00230	122 +		+
703	00190	128		
827	00190	130 +		+
817	00230	134 +		+
804	00220	110 +		+
809	00220	130 +		+
894	00221	130 +		+
534	00240	103 +		+
559	00231	083 +		+
462	00220	089 +		+
354	00240	067 +		+
414	00240	122 +		+
360	00240	072 +		+
396		+		+
257	00230	121 +		+
262	00170	117 +		+
222	00230	134 +		+
302	00210	135 +		+
334	00230	129 +		+
318	00220	116 +		+
204	00190	124 +		+
131	00190			
162	00220	134 +		+
135	00200	116 +		+
140	00230	113 +		+
171	00170	121 +		+
091	00200	100 +		+
005	00170	144 +		+
075	00160	097 ff		+
010	00170			
049	00170	130 +		+
026	00171	110 +		+
022	00190	094 +		+
100	00181	098 ff		+
917	00220	089 +		+
980	0020	074		
976	0020	093		
965	9722	105		
969	0021	092		
962	9721	088		
952	0020	119		
953	0020	098		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

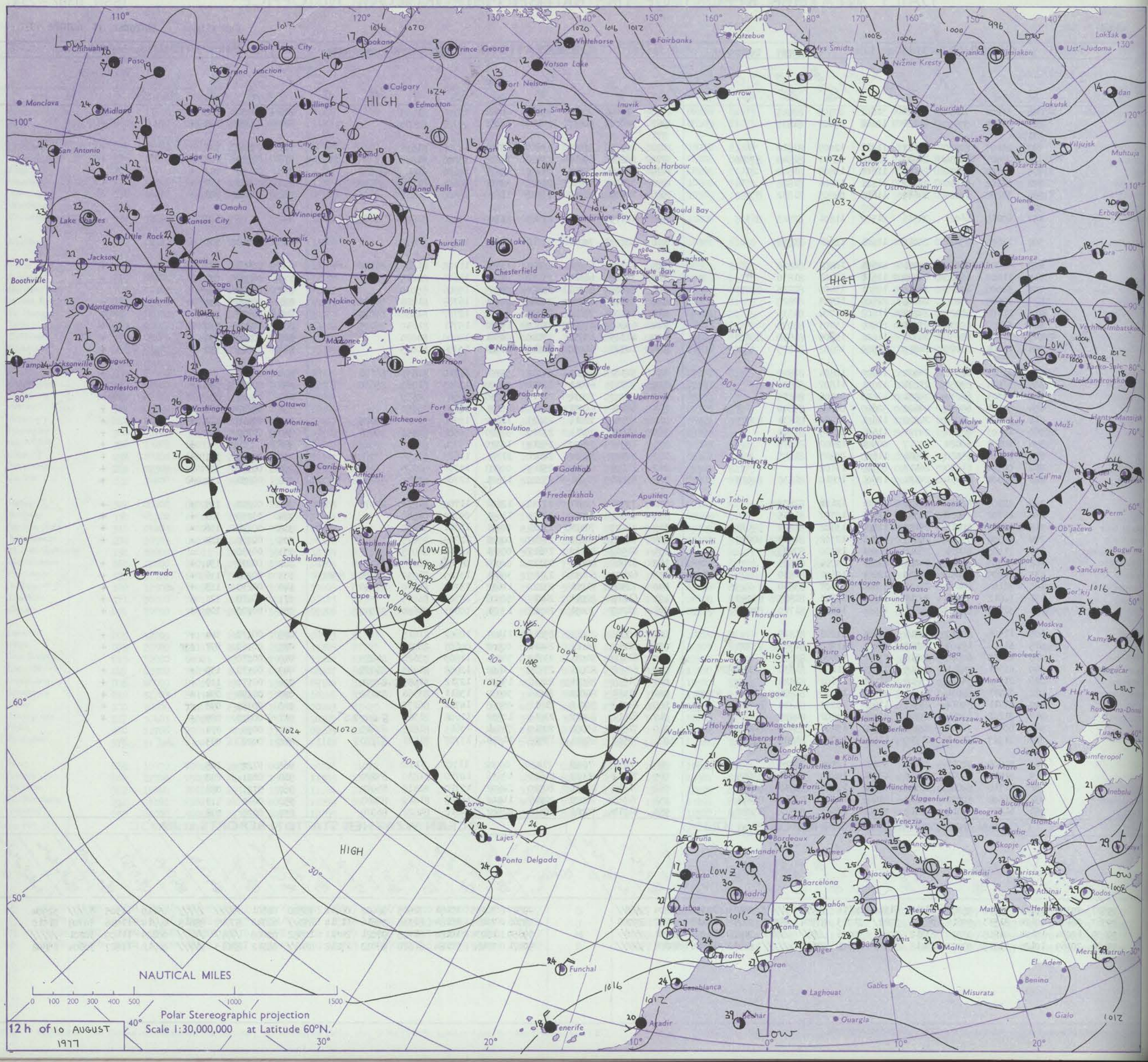
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10121	73210	98028	06912	61540	00116	/////	/////	05110	11304	30504	/////
L	99567	70174	10124	81533	95616	05314	7722/	21713	87704	88520	0/14	11413	30707	20708
M	99659	10034	10124	41808	97030	23812	30851	00206	/////	/////	00409	11099	30201	/////
R	99470	70169	10124	71819	98022	19418	754//	00606	87615	/////	0/18	11826	30604	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10181	72905	98022	08612	78500	00301	/////	/////	05110	11305	3////	32904
L	99566	70169	10184	81338	95616	01714	853//	62743	87707	88618	0/14	11426	30708	21010
M	99659	10034	10184	51905	97021	24511	12582	00400	/////	/////	00209	11109	30201	/////
R	99471	70168	10184	81820	97032	17218	854//	00712	88615	/////	0/18	11827	30604	25802

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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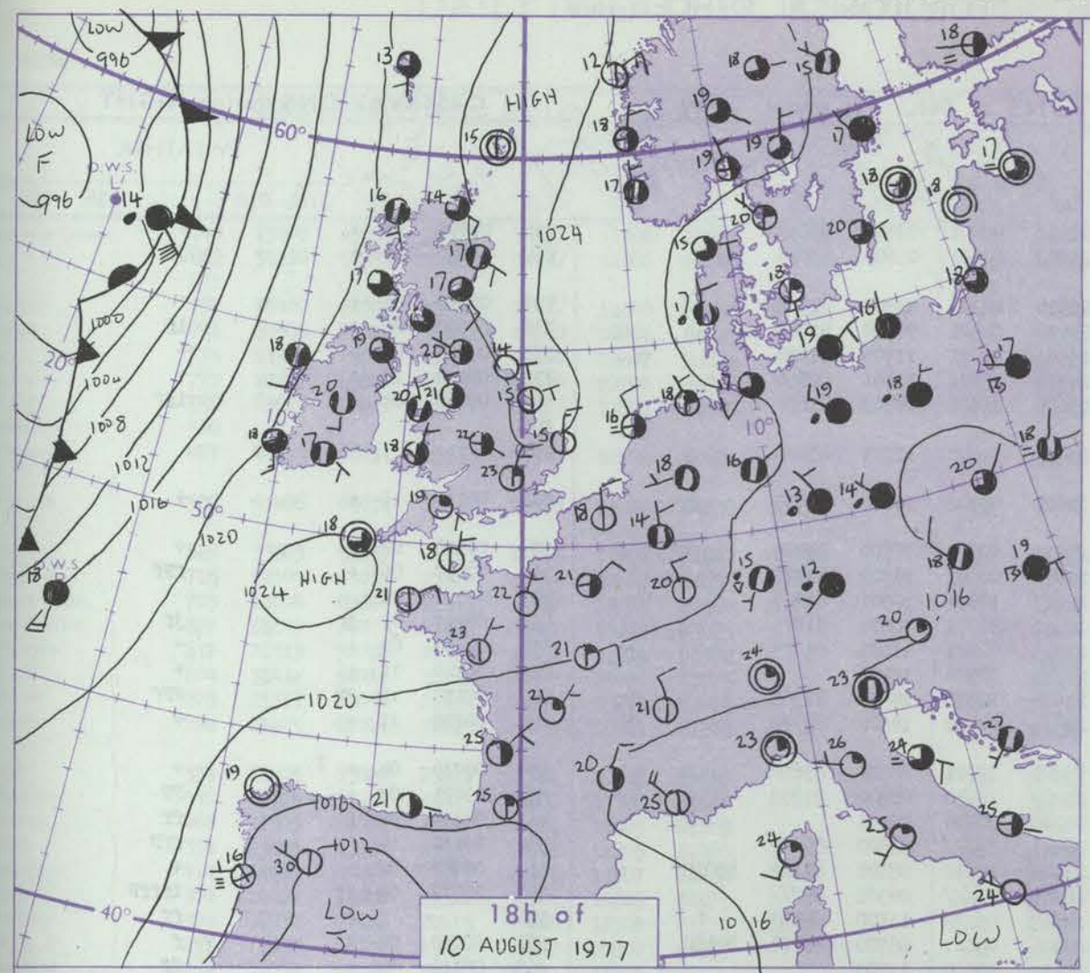
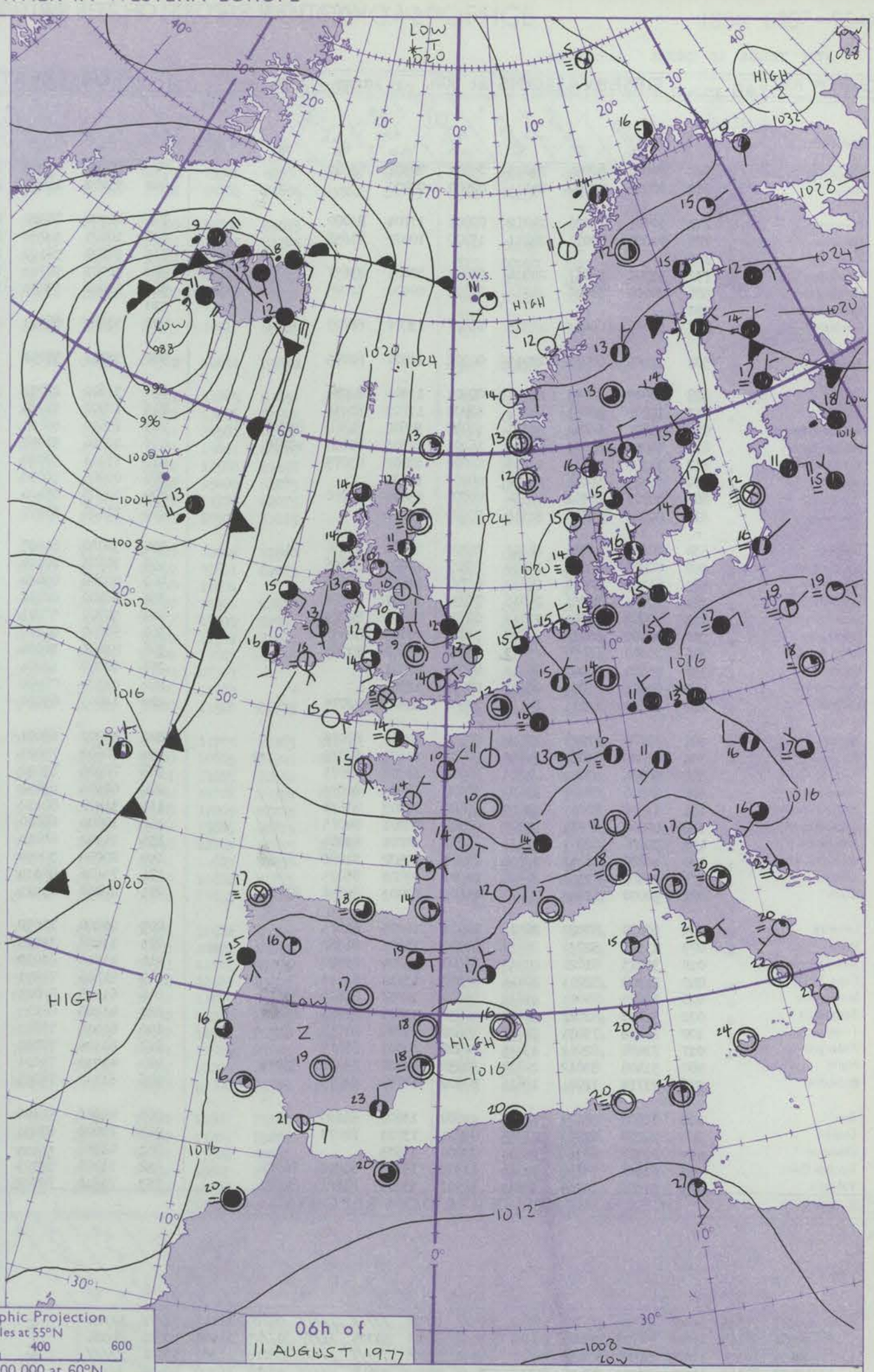




GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 11 AUGUST 1977

During the past 24 hours an anticyclone over the British Isles weakened a little in the west and became linked to a high to the north of Finland. During the next 24 hours a ridge of high pressure extending over the British Isles from Scandinavia is expected to persist.

Code FM 11.V

OBSERVATIONS at 00h. 11 AUGUST 1977

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
Boscombe Down	746	30000	60050	24013	00901	09501	83080		
Hurn	862	00000	50050	24111	00900	09000			
Manston	797	10705	75030	24012	00901	11704	81080		
Gatwick	776	10000	59021	24211	15700	10802	81656		
Kew	775								
Heathrow	772	33301	58011	24016	35801	10001	83657		
Honington	586	20000	70020	24511	00901	09400	82075		
Wattisham	590								
Gorleston	497	63606	66011	24315	663//	13804	86709		
Aberporth	502	21405	60051	23915	00902	11801	82075		
Filton	628	20903	50051	24113	00901	11500	82080		
Rhoose	715	10802	58051	23713	00901	11702	81075		
Hartland Point	703	31807	66011	23615	10931	14602	81360	83075	
Mount Batten	827	31002	50051	23613	16201	12803	81703	83075	
St. Mawgan	817	31309	59011	23615	00902	10802	83075		
Scilly	804	01003	60011	23614	00900	14705			
Culdrose	809	50707	30101	23514	00902	13801	85070		
Guernsey	894	01109	65010	23515	00900	09702			
Elmdon	534	20000	62031	24513	25700	08101	82650		
Cardington	559	70802	65031	24412	758//	11400	87656		
Wittering	462	61103	60022	24812	657//	11602	86650		
Watnall	354	70201	58051	25013	7093/	11301	87360		
Shawbury	414	40403	60041	23812	00901	09801	84075		
Finningley	360	20402	68021	25010	25800	09103	82657		
Spurn Point	396	10000	66030	25413	16200	11602	81705		
Leeming	257	01602	80021	25411	00900	06001			
Tynemouth	262	01602	81020	25413	00900	12804			
Carlisle	222	20903	65011	24111	00901	08803	82075		
Valley	302	70708	62022	23714	00902	12702	87075		
Ringway	334	61005	65021	24315	00902	10104	86075		
Squires Gate	318	50906	57041	24012	00902	11702	85075		
Ronaldsway	204	60106	80022	23610	00902	08802	86075		
Mull of Galloway	131	11510	80011	23515	15600	13803	81630		
Eskdalemuir	162	40000	67031	25307	00902	06801	84075		
Prestwick	135	30806	62011	23811	00901	10701	83075		
Abbotsinch	140	10000	56041	23712	00901	10502	81080		
Leuchars	171	50407	62112	24710	00901	09803	85075		
Dyce	091	50000	62042	25010	45701	09803	84656	83078	
Lerwick	005	10000	80020	26411	00901	10203	81075		
Wick	075	11308	82021	24412	10940	11602	81362		
Sule Skerry	010	31413	81021	23313	35500	11704	83620		
Cape Wrath	049	22308	82011	22416	25500	13711	82625		
Stornoway	026	30000	88021	21812	15602	10707	81632	83070	
Benbecula	022	51413	82022	20415	20932	13609	82365	83075	
Tiree	100	21414	75031	21014	15602	13705	81630		
Aldergrove	917	71408	82012	22315	00902	09501	87075		
Malin	980	51408	83012	20714	30932	11400	83362	83075	
Belmullet	976	21714	72011	18616	00902	14709	82070		
Birr	965	11608	58101	21614	15600	13606	81636		
Dublin	969	20000	82011	22515	00901	13703	82070		
Shannon	962	01307	60101	20914	00900	13603			
Roches Point	952	61308	58102	21816	11402	15805	81819	86078	
Valentia	953	51508	70012	19815	32502	13806	83822	85070	

OBSERVATIONS at 06h. 11 AUGUST 1977

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$8N_s C h_s h_s$
Boscombe Down	746	40201	40050	22911	00901	09502	84078		
Hurn	862	53402	16401	23009	00901	09603	85075		
Manston	797	40206	78020	22914	48301	13502	82708		
Gatwick	776	10401	32280	23410	00901	09500	81080		
Kew	775	10000	58110	23511	10931	11503	81358		
Heathrow	772	30503	57011	23114	25701	12501	82650		
Honington	586	12402	33284	23609	15600	09503	81630		
Wattisham	590								
Gorleston	497	33304	66011	23413	31500	12503	83820		
Aberporth	502	51711	58051	22614	00902	11602	85075		
Filton	628	31602	27051	23211	00902	10500	83075		
Rhoose	715	10802	14284	22910	00901	10502	81075		
Hartland Point	703	21610	66030	22613	10941	10501	81360		
Mount Batten	827	10906	57050	22611	00901	10501	81075		
St. Mawgan	817	11111	57020	21913	00901	11605	81075		
Scilly	804	00905	56020	21715	00900	15706			
Culdrose	809	10905	05424	21814	10930	14504	81362		
Guernsey	894	51110	59101	22514	00902	14502	85078		
Elmdon	534	30000	61040	23809	35701	08502	83650		
Cardington	559	10903	20104	23909	10930	09500	81358		
Wittering	462	00202	05424	24210	00900	10501			
Watnall	354	90402	02472	24111	9////	11500	89/00		
Shawbury	414	50702	50041	23409	10932	08301	81362	85075	
Finningley	360	90000	01474	24109	9////	09301	89///		
Spurn Point	396	83405	30024	24612	862//	11500	88703		
Leeming	257	40000	12404	24508	45001	08500	82701	83650	
Tynemouth	262	02302	08460	24611	00900	11703			
Carlisle	222	11003	65020	23510	00901	08301	81075		
Valley	302	50902	68031	22612	00902	09503	85075		
Ringway	334	10602	75021	23613	00901	07500	81080		
Squires Gate	318	70905	62032	23310	18531	08301	81825	87077	
Ronaldsway	204	60106	63052	22612	00902	10601	86075		
Mull of Galloway	131	31409	80130	22714	00901	14601	83075		
Eskdalemuir	162	10000	68020	24805	00901	04501	81077		
Prestwick	135	21102	80010	23410	15701	08203	81656		
Abbotsinch	140	20000	50050	23710	10931	09302	81362		
Leuchars	171	73606	45114	24311	762//	11303	83704	86707	
Dyce	091	20000	03421	24410	00901	10500	82078		
Lerwick	005	20000	70030	25713	00901	11703	82075		
Wick	075	11408	75020	23512	00901	11500	81072		
Sule Skerry	010	41516	81030	22313	25550	11702	82620		
Cape Wrath	049	51806	74031	21417	50930	13703	85360		
Stornoway	026	61505	82021	21014	6573/	13502	86656		
Benbecula	022	41409	80011	20113	15532	11302	81620	84075	
Tiree	100	61416	70011	20914	10932	13302	81360	86077	
Aldergrove	917	61306	70021	21913	10932	10400	81360	86075	
Malin	980	41410	70021	20713	10932	11302	81362	84075	
Belmullet	976	61310	75021	17815	664//	13701	84718	85638	
Birr	965	41606	56100	20713	15602	12500	81635	83070	
Dublin	969	70000	87031	21714	00902	09502	87070		
Shannon	962	41206	56101	19915	15602	13101	81630	84075	
Roches Point	952	11407	50101	20816	15602	15502	81635		
Valentia	953	71512	70022	18516	725//	14706	87822		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00090	05	+	+
Hurn	862	00080	05	+	ff
Manston	797	00090	05	+	+
Gatwick	776	00090	06	+	ff
Kew	775	00090	03	+	+
Heathrow	772	00130	10	+	+
Honington	586	00080	04	+	fff
Wattisham	590				
Gorleston	497				
Aberporth	502	00130	10	+	+
Filton	628	00110	07	+	+
Rhoose	715	00090	06	+	fFf
Hartland Point	703	00130	10		
Mount Batten	827	00110	07	ff	ff
St. Mawgan	817	00130	09	+	+
Scilly	804	00140	11	+	+
Culdrose	809	00130	11	FF	FFf
Guernsey	894	00140	11	+	+
Elmdon	534	00070	04	+	+
Cardington	559	00071	03	+	FF
Wittering	462	00100	08	f	ff
Watnall	354	00110	10	+	fFf
Shawbury	414	00080	02	+	+
Finningley	360	00070	04	ff	ffffF
Spurn Point	396			+	ff
Leeming	257	00070	04	+	f
Tynemouth	262	00110	08	+	ff
Carlisle	222	00080	04	+	+
Valley	302	00110	08	+	+
Ringway	334	00120	07	+	+
Squires Gate	318	00080	05	+	+
Ronaldsway	204	00100	07	+	+
Mull of Galloway	131	00130			
Eskdalemuir	162	00040	01	+	+
Prestwick	135	00090	06	+	+
Abbotsinch	140	00080	03	+	+
Leuchars	171	00090	05	ff	+
Dyce	091	00080	02	+	ffFff
Lerwick	005	00100	04	+	+
Wick	075	00110	09	+	+
Sule Skerry	010	00110	10		
Cape Wrath	049	00140	12	+	+
Stornoway	026	00111	06	+	+
Benbecula	022	00130	12	+	+
Tiree	100	00141	12	+	+
Aldergrove	917	00120	10	+	+
Malin	980	9712	09		
Belmullet	976	9714	13		
Birr	965	9712	10		
Dublin	969	9712	05		
Shannon	962	9714	13		
Roches Point	952	9715	14		
Valentia	953	0015	13		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	11001	81504	97022	07312	855//	00702	/////	/////	05209	11313	3////	32/04
L	99564	70169	11004	81725	95616	03814	872//	51014	84705	/////	0//15	11406	30605	21008
M	99659	10034	11004	51905	97032	25611	50850	00206	/////	/////	00110	11093	30201	/////
R	99470	70169	11004	72020	97606	16119	754//	00707	87613	/////	0//18	11740	30604	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99 $L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s C h_s h_s$	$8N_s C h_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	11061	81013	96636	98612	8742/	00747	/////	/////	05211	11301	3//05	/////
L	99562	70173	11064	82217	97616	06113	853//	61121	87708	88615	0//14	11438	30504	21008
M	99658	10033	11064	22003	97011	26311	10871	00303	/////	/////	00110	11052	30201	/////
R	99471	70167	11064	73307	97036	16617	784//	00309	82811	87620	0//17	11849	30000	25803

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42267

Date of Issue FRIDAY 12 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 11 AUGUST 1977

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	73405	65031	22121	786//	11706	85835	84656	
Hurn	862	51310	58051	22623	526//	12606	85840		
	871								
Manston	797	70409	81021	23018	784//	12000	83815	87640	
Gatwick	776	10506	75020	22622	18600	09807	81845		
Kew	775	13506	70020	23121	11600	09807	81845		
Heathrow	772	10605	65020	22921	11600	09704	81835		
Honington	586	63607	80011	23217	655//	11802	86620		
Wattisham	590								
Gorleston	497	40213	66031	23515	45500	12802	84625		
Aberporth	502	63406	65031	22520	42630	13801	84830	83363	
Filton	628	33303	58050	22723	11601	11804	81842	83080	
Rhoose	715	52105	68011	22723	11601	10802	81835	85075	
Hartland Point	703	43604	64020	22619	10941	13001	81360	84075	
Mount Batten	827	31809	70011	22722	00902	11003	83075		
St. Mawgan	817	21513	70020	22120	10932	11002	81362		
Scilly	804	31411	50011	22020	00902	15000	83075		
Culdrose	809	21311	65054	22221	00902	08001	82075		
Guernsey	894	61405	68011	22620	10932	09801	81365	86075	
Elmdon	534	21405	65020	23221	15731	10803	81656		
Cardington	559	10705	64024	23421	15500	11807	81620		
Wittering	462	13505	81034	23519	11501	10805	81825		
Watnall	354	11203	65014	23321	00901	12805	81080		
Shawbury	414	12003	64041	22223	11601	11807	81835		
Finningley	360	11102	68024	23320	00901	10809	81075		
Spurn Point	396	50000	64012	24615	55400	12502	81710	85620	
Leeming	257	11802	62040	23421	11600	09809	81845		
Tynemouth	262	01005	69024	24816	00900	13101			
Carlisle	222	30403	80030	22622	11601	11708	81840	83080	
Valley	302	52405	65021	22821	20932	13002	82365	85075	
Ringway	334	41702	65011	22922	48600	10803	81835	84656	
Squires Gate	318	23105	65031	22723	15731	13705	81650		
Ronaldsway	204	50907	45041	22719	11682	14000	81830	84078	
Mull of Galloway	131	51410	58051	23016	50931	14102	85360		
Eskdalemuir	162	41502	82020	22721	32601	09802	83830		
Prestwick	135	42708	80020	22722	11601	11804	81835	84075	
Abbotsinch	140	30407	68050	23021	11631	11706	81832		
Leuchars	171	30710	80011	24316	16402	12000	81710	83080	
Dyce	091	21109	80034	24119	00901	11801	82080		
Lerwick	005	21303	70030	25816	00901	09101	82075		
Wick	075	11213	81020	23915	10931	11002	81362		
Sule Skerry	010	11416	66050	23016	15500	13205	81620		
Cape Wrath	049	20902	74011	21821	21600	15303	82830		
Stornoway	026	32011	80021	21718	11431	13204	81818		
Benbecula	022	21615	75010	20819	12502	13206	81825		
Tiree	100	21614	60051	21417	10982	14102	81359		
Aldergrove	917	72007	80031	21323	11602	11805	81830	87075	
Malin	980	41715	80021	20521	11502	12802	81824	84075	
Belmullet	976	31717	77011	18320	18532	14702	81820		
Birr	965	31710	62011	20321	22502	12807	82826		
Dublin	969	11312	75011	21220	11602	10707	81830		
Shannon	962	31611	65021	19321	32600	13803	83830		
Roches Point	952	11310	60101	20419	11402	16805	81819		
Valentia	953	51814	70031	18921	48540	15305	83824		

OBSERVATIONS at 18h. 11 AUGUST 1977

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	61809	59052	20619	48602	13506	82830	83656	85075
Hurn	862	71903	56052	21218	15732	14708	81656	83362	86075
	871								
Manston	797	10607	81021	21317	15400	12708	81615		
Gatwick	776	41810	72011	20819	34601	12605	81845		
Kew	775	10311	82020	21021	18701	07706	81850		
Heathrow	772	10309	80020	20722	12701	07708	81850		
Honington	586	10208	83011	21418	11600	10606	81830		
Wattisham	590								
Gorleston	497	80110	66021	22215	855//	10710	88625		
Aberporth	502	30102	65031	21818	00902	14601	83078		
Filton	628	63303	61011	20922	15702	11705	81650	85078	
Rhoose	715	72106	67022	21021	18631	13606	81840	87075	
Hartland Point	703	30304	67020	21719	10941	10501	81360	83075	
Mount Batten	827	33005	68030	21718	00901	15001	83078		
St. Mawgan	817	11609	81020	21320	15702	11500	81650		
Scilly	804	11205	62010	21919	00902	15400	81075		
Culdrose	809	21109	65050	21319	00902	11701	82075		
Guernsey	894	10407	66021	21318	00902	10607	81075		
Elmdon	534	20704	66020	21321	24601	10606	81840		
Cardington	559	20710	68020	21720	00902	07603	82075		
Wittering	462	00610	80010	22119	00900	12604			
Watnall	354	20706	70011	21521	28600	10606	82835		
Shawbury	414	73002	58041	20623	786//	13505	82840	86650	
Finningley	360	10710	82010	21720	14600	11502	81640		
Spurn Point	396	40000	66021	23315	45400	11607	84618		
Leeming	257	00208	70010	22620	00900	07303			
Tynemouth	262	00905	81020	24116	00900	13703			
Carlisle	222	31010	75020	21321	38600	11502	82835		
Valley	302	62405	70052	21821	20932	11705	82365	85075	
Ringway	334	51004	59011	21023	58600	10605	81845	85656	
Squires Gate	318	23507	63030	21321	15701	11605	81650		
Ronaldsway	204	71902	50042	21718	10932	14706	81364	87073	
Mull of Galloway	131	70000	58052	21817	00908	12805	87275		
Eskdalemuir	162	60607	81031	21719	626//	13605	86835		
Prestwick	135	42806	70011	21819	18648	12702	81835	83275	
Abbotsinch	140	30609	70051	21422	28631	11603	81838		
Leuchars	171	10711	84020	23515	16402	11602	81715		
Dyce	091	11106	86020	23617	00901	10101	81080		
Lerwick	005	10504	75010	25314	00901	12502	81080		
Wick	075	11210	82020	23614	00901	10400	81075		
Sule Skerry	010	11416	74020	22515	00901	11501	81070		
Cape Wrath	049	30905	70050	22119	35500	12101	83625		
Stornoway	026	42308	82011	21018	10942	11707	81362	84070	
Benbecula	022	31609	80010	20619	10932	12702	81365	83075	
Tiree	100	61608	84011	20718	10932	14604	81360	86075	
Aldergrove	917	11409	70021	20721	00901	12603	81075		
Malin	980	61508	62051	19621	12502	14706	81826	86075	
Belmullet	976	71910	80031	18119	785//	14000	81821	87640	
Birr	965	11706	70010	19321	11600	11607	81830		
Dublin	969	31312	68030	20519	00902	11705	83070		
Shannon	962	41609	70031	18521	48600	13506	84835		
Roches Point	952	31207	50100	20218	11502	16607	81821	83075	
Valentia	953	61608	65031	18520	1254/	14706	81824	86360	

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00230	074 +		+
Hurn	862	00230	051 +		+
Manston	797	00190	093 +		+
Gatwick	776	00240	111 +		+
Kew	775	00240	131 +		+
Heathrow	772	00240	127 +		+
Honington	586	00210	106 +		+
Wattisham	590				
Gorleston	497		055		
Aberporth	502	00220	118 +		+
Filton	628	00240	085 +		+
Rhoose	715	00240	095 +		+
Hartland Point	703	00210	128		
Mount Batten	827	00230	129 +		+
St. Mawgan	817	00220	123 +		+
Scilly	804	00210	119 +		+
Culdrose	809	00210	119 +		+
Guernsey	894	00210	127 +		+
Elmdon	534	00230	083 +		+
Cardington	559	00230	102 +		+
Wittering	462	00210	118 +		+
Watnall	354	00230	082 +		+
Shawbury	414	00240	080 +		+
Finningley	360	00240	089 +		+
Spurn Point	396		+		+
Leeming	257	00230	121 +		+
Tynemouth	262	00170	114 +		+
Carlisle	222	00250	132 +		+
Valley	302	00230	119 +		+
Ringway	334	00240	090 +		+
Squires Gate	318	00240	098 +		+
Ronaldsway	204	00190	100 +		+
Mull of Galloway	131	00180			
Eskdalemuir	162	00240	120 +		+
Prestwick	135	00230	114 +		+
Abbotsinch	140	00230	108 +		+
Leuchars	171	00170	118 +		+
Dyce	091	00210	121 +		+
Lerwick	005	00170	149 +		+
Wick	075	00160	143 +		+
Sule Skerry	010	00160			
Cape Wrath	049	00210	131 +		+
Stornoway	026	00190	111 +		+
Benbecula	022	00200	131 +		+
Tiree	100	00191	129 +		+
Aldergrove	917	00240	133 +		+
Malin	980	0023	119		
Belmullet	976	0022	074		
Birr	965	9723	128		
Dublin	969	0021	135		
Shannon	962	9723	098		
Roches Point	952	0020	110		
Valentia	953	0022	095		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

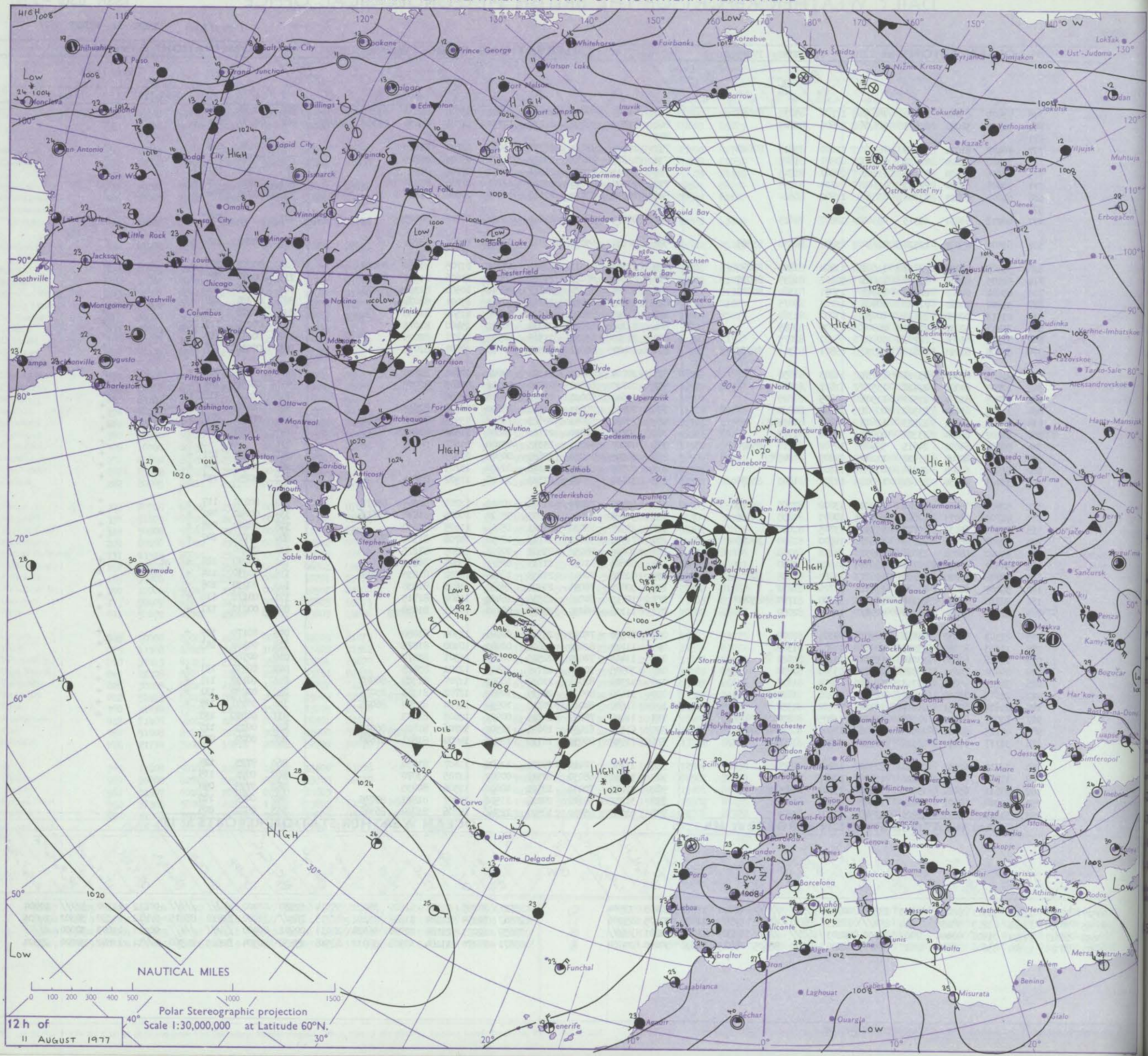
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11121	52511	98016	94913	22550	00705	/////	/////	00111	11327	30403	19904
L	99565	70184	11124	82213	98036	09414	854//	72211	83710	88622	0//09	11430	30403	23006
M	99658	10017	11124	01906	97444	27909	00900	00103	/////	/////	05309	11071	30201	/////
R	99471	70170	11124	83606	97022	19017	884//	00208	81810	88625	0//15	11838	30000	25804

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11181	62209	98022	95514	52530	00400	/////	/////	00212	11320	3////	19904
L	99567	70194	11184	71808	97202	09913	784//	72000	82712	83815	0//12	11380	30302	24005
M	99659	10021	11184	20000	96024	28011	00902	00400	/////	/////	00111	11093	30000	/////
R	99471	70170	11184	70908	98012	18518	25538	00504	82625	84360	0//14	11842	30000	25804

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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Low 1008
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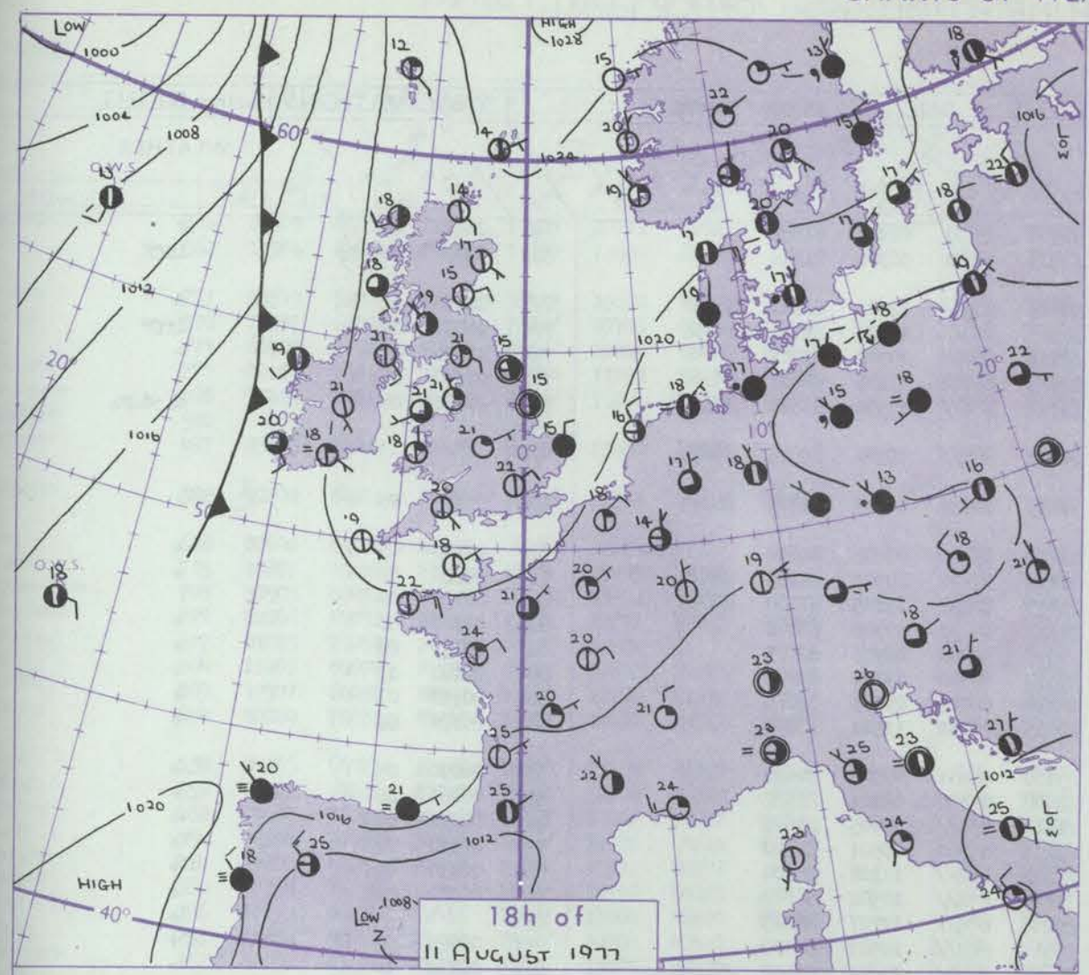
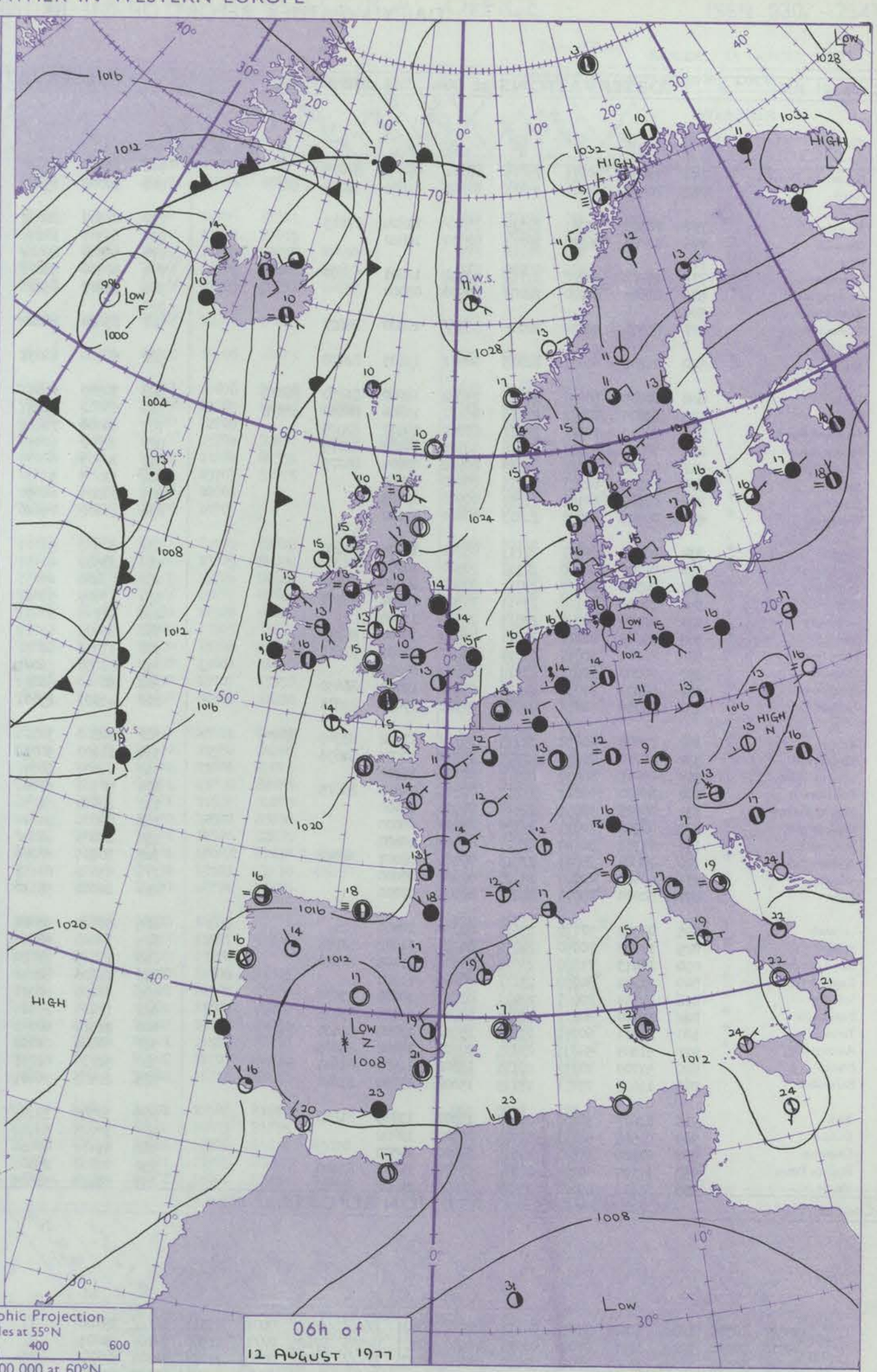
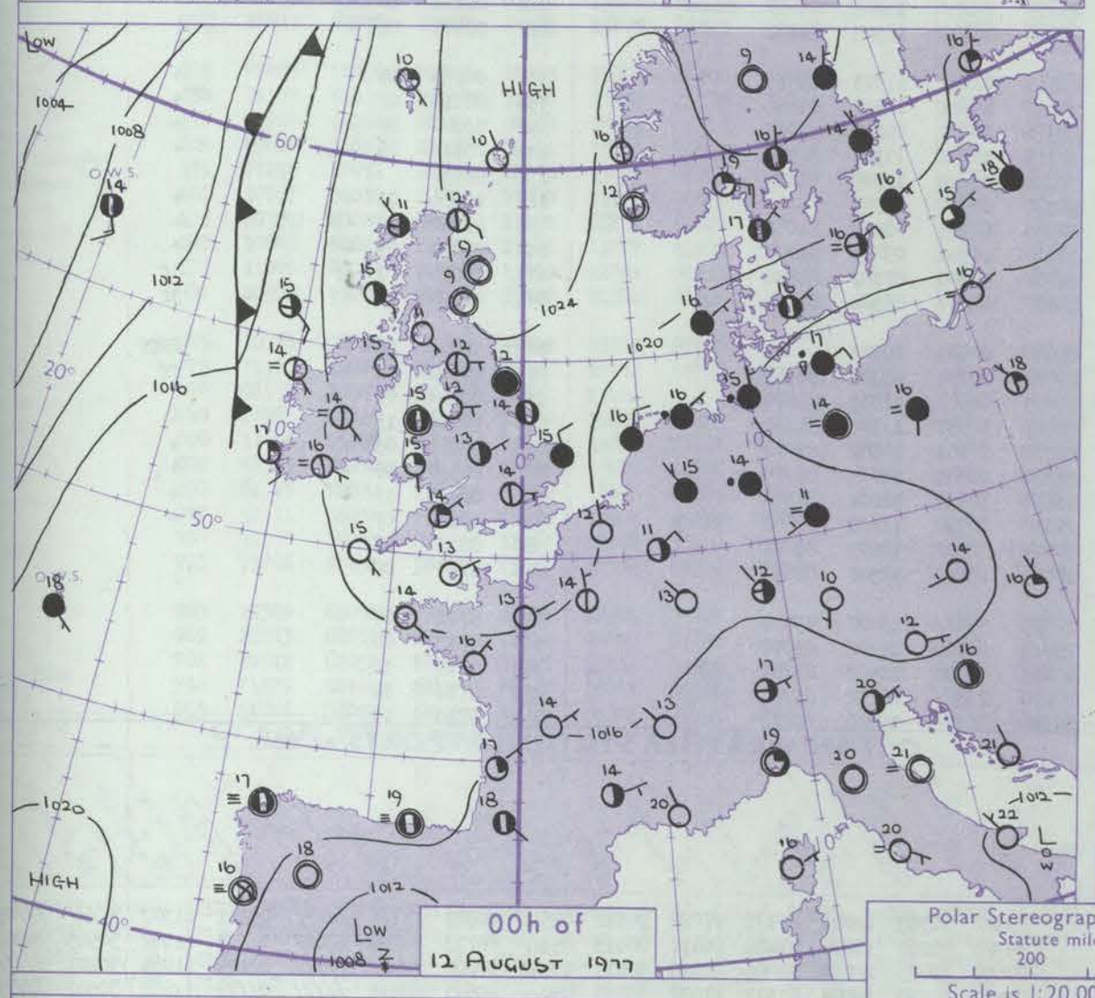
Low 1004
Low 988 992 996
Low B 992 996
Low Y
HIGH 1020
Low 1012
HIGH 1032
HIGH 1032
Low T 1020
HIGH 1025
Low N 1008
HIGH 1016
Low 1008
HIGH 1024
Low 1008
HIGH 1020
Low
Chihuahua
El Paso
Salt Lake City
Grand Junction
Spokane
Prince George
Whitehorse
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Kresty
Tyrjanka
Zimjakon
Ust'-Judoma
Lokšak
Monclova
Midland
Billings
Calgary
Edmonton
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Barrow
Čokurdah
Verhojansk
Jakutsk
Odan
San Antonio
Fort Worth
Rapid City
Regina
Bismarck
Lodge City
Omaha
Winnipeg
Minneapolis
Kansas City
Lake Charles
Little Rock
Jackson
St. Louis
Boothville
Chicago
Nashville
Montgomery
Columbus
Tampa
Jacksonville
Augusta
Charleston
Pittsburgh
Toronto
Washington
Norfolk
New York
Boston
Ottawa
Montreal
Yarmouth
Sable Island
Bermuda
Stephenville
Gander
Cape Race
Caribou
Anticosti
Nakina
Winisk
Churchill
Baker Lake
Chesterfield
Coral Harbour
Nottingham Island
Port Harrison
Fort Chimo
Resolution
Lake Harbour
Cape Dyer
Pangnirtung
Clyde
Upernavik
Egedesminde
Godthab
Frederikshab
Julianehaab
Prins Christian Sund
Aputiteq
Anamagssalik
Kap Tobin
Jan Mayen
Sachs Harbour
Coppermine
Cape Parry
Holland Falls
Cambridge Bay
Gould Bay
Resolute Bay
Lerwick
Thorshavn
Stornoway
Glasgow
Belfast
Holyhead
Manchester
Aberporth
Valentia
Scilly
Brest
Bordeaux
Corvo
Lajes
Ponta Delgada
Funchal
Tenerife
Casablanca
Agadir
Gibraltar
Cádiz
Lisboa
Porto
Santander
Oslo
Stockholm
København
Helsinki
Tallinn
Riga
Leningrad
Murmansk
Tromsø
Arkhangel'sk
Ostersund
Myken
Rørvik
Trondheim
Narvik
Kiruna
Sodankyla
Oulu
Vaasa
Mariehamn
Turku
Jokioinen
Petrozavodsk
Kotlas
Ob'jačevo
Vologda
Gor'kij
Moskva
Smolensk
Minsk
Kiev
Har'kov
Rostov-na-Donu
Kujbyšev
Penza
Kamyšin
Bogučar
Sančursk
Kargopol'
Tuapse
Simferopol'
Odessa
Lvov
Warszawa
Berlin
Hannover
De Bilt
Bruxelles
Köln
Frankfurt
München
Klagenfurt
Graz
Bern
Zürich
Milano
Venezia
Genova
Beograd
Sarajevo
Skopje
Athinai
Istanbul
Larissa
Rodos
Mathoura
Herakleion
Messina
Roma
Ajaccio
Palermo
Barcelona
Mahón
Alicante
Málaga
Tunis
Malta
Alger
Oran
Laghouat
Béchar
Gabes
Misurata
Ouargla
Gialo
El Adem
Benina
Mersa Matruh
Tarko-Sale
Aleksandrovskoe
Mare-Sale
Muzi
Hanty-Mansijsk
Malye Karmakuly
Russkaja Gavan'
Ostrov Kotel'nyj
Ostrov Vrangelja
Ostrov Vize
Ostrov Uedineniya
Ostrov Kotel'nyj
Ostrov Zohova
Ostrov Ušakova
Ostrov Rudolfa
Ostrov Hejsa
Ostrov Dikson
Ostrov Belyj
Ostrov Sverdrup







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 12 AUGUST 1977

During the past 24 hours a ridge of high pressure from the Norwegian Sea to Northern France has covered the British Isles. During the next 24 hours the ridge of high pressure from the Norwegian Sea to Northern France will persist. A weak trough of low pressure over the eastern North Sea will edge slowly southwest.

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

Code FM 11.V **OBSERVATIONS at 00h.** 12 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	20000	60011	21615	00901	09400	82075		
Hurn	862	20402	20101	21511	00901	11601	82075		
Manston	797	70305	73021	21514	754//	11804	87615		
Gatwick	776	00000	56120	22011	00900	10802			
Kew	775								
Heathrow	772	10904	59020	21714	00902	12001	81080		
Honington	586	03603	60020	22409	00900	08000			
Wattisham	590								
Gorleston	497	83510	66032	22015	855//	10400	88627		
Aberporth	502	21802	60021	22015	00902	11803	82078		
Filton	628	60905	56041	21515	15702	11000	81650	86075	
Rhoose	715	83005	70022	21316	45737	11804	84650	88272	
Hartland Point	703	20000	70020	22017	00901	10802	82075		
Mount Batten	827	20802	62011	21714	00901	11803	82075		
St. Mawgan	817	41107	70021	21614	00902	09804	84075		
Scilly	804	01306	62021	21815	00900	15804			
Culdrose	809	00707	60101	21614	00900	13703			
Guernsey	894	00505	60050	21813	00900	11602			
Elmdon	534	40505	60041	22713	45700	11204	84650		
Cardington	559	00706	68020	22510	00900	10000			
Wittering	462	00304	60020	23011	00900	10000			
Watnall	354	30401	40100	23511	36300	10004	83707		
Shawbury	414	00706	50041	21815	00900	11000			
Finningley	360	40202	62011	23311	46400	10000	84712		
Spurn Point	396	70000	66031	23614	756//	10000	87635		
Leeming	257	00000	60011	23910	00900	09804			
Tynemouth	262	60000	81031	24514	656//	13400	86630		
Carlisle	222	10905	70010	22912	00901	09003	81075		
Valley	302	70000	60052	22115	30932	13802	83365	87075	
Ringway	334	40703	70011	22415	45700	10003	84656		
Squires Gate	318	00907	60020	22312	00900	11002			
Ronaldsway	204	60000	61012	21812	00902	09803	86075		
Mull of Galloway	131	00909	58051	22314	00900	12400			
Eskdalemuir	162	00002	70011	24109	00900	06000			
Prestwick	135	01303	34040	22611	00900	10400			
Abbotsinch	140	10808	58041	22813	00901	08001	81078		
Leuchars	171	00000	70020	24109	00900	09000			
Dyce	091	00000	70010	24209	00900	07000			
Lerwick	005	03502	57110	25610	00900	10400			
Wick	075	11108	70050	24012	00901	11002	81075		
Sule Skerry	010	21413	71020	23613	25500	11105	82620		
Cape Wrath	049	01805	84010	23117	00900	11104			
Stornoway	026	53104	80021	22411	00902	10002	85070		
Benbecula	022	31009	80011	21013	00902	11805	83075		
Tiree	100	41411	60051	21215	15502	13000	81626	84072	
Aldergrove	917	51304	58031	21415	00901	10002	85075		
Malin	980	51709	70012	20115	15602	11803	81645	85075	
Belmullet	976	11607	78011	18115	15600	13704	81640		
Birr	965	11607	58100	20214	15600	13803	81648		
Dublin	969	00503	56111	21014	00900	12802			
Shannon	962	01204	56101	19615	00900	14500			
Roches Point	952	11105	50101	20316	15600	15606	81640		
Valentia	953	31611	65021	18917	30940	14802	83360		

OBSERVATIONS at 06h. 12 AUGUST 1977

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	20000	62020	21310	15701	08202	81650		
862	20000	15284	21509	18631	08304	81830		
797	83509	81022	20615	884//	12501	82811	88620	
776	63301	18284	21611	650//	11500	82701	86616	
775	50304	62021	22113	55400	10302	85618		
772	40304	58021	21913	45402	11203	84618		
586	73207	65021	21313	784//	11504	81810	87625	
590								
497	83614	66022	20815	884//	13504	85815	88625	
502	60000	60031	21815	10932	10205	81363	86075	
628	30909	60041	21712	15701	09205	81650		
715	63602	57051	21213	10931	10302	81362	86075	
703	60000	70021	21415	10932	13103	81360	86075	
827	22802	50050	21211	10931	09302	81362		
817	20903	68030	21413	00902	08303	82075		
804	31205	50030	21614	00902	13304	83075		
809	20805	60050	21312	00901	09303	82075		
894	11402	75020	20915	00902	11501	81075		
534	50502	50101	23110	45501	09303	84620		
559	20502	40101	22408	25500	08301	82620		
462	73406	65031	22511	755//	09605	87622		
354	13605	56041	23111	15501	09501	81620		
414	81205	36041	22612	862//	11208	88704		
360	83105	61041	22712	854//	10502	88619		
396	83512	66022	22214	855//	12707	88625		
257	80000	56041	23511	863//	10503	88709		
262	80000	66022	23813	5567/	11602	85630	88360	
222	41007	25101	23110	46100	10305	84702		
302	30202	30101	21713	00901	11303	83075		
334	12102	50041	23211	15701	10310	81656		
318	11009	56040	22311	00901	10204	81075		
204	50106	57041	22113	10931	11307	81364	85075	
131	21010	81030	22214	15545	10305	81625		
162	00000	81010	24108	00900	05303			
135	10405	61040	22909	00901	08208	81081		
140	10405	62040	23310	16301	09204	81707		
171	43002	63114	24007	46300	07302	84706		
091	10000	58110	24407	00901	05304	81075		
005	00000	00424	25610	00900	10101			
075	11006	56110	24012	10931	12202	81362		
010	11415	74020	23613	00901	12303	81070		
049	11606	84030	22517	10930	11304	81360		
026	23104	80021	22210	00901	10302	82070		
022	11409	75011	21214	00902	12005	81075		
100	21314	60051	21415	10932	12204	81359		
917	60804	20102	21613	10932	11207	81362	86075	
980	51710	62051	20414	00902	10203	85072		
976	21107	70011	17713	25602	12501	82640		
965	51506	30101	20313	556//	13000	85640		
969	31003	58100	21013	00902	12102	83070		
962	51111	07464	19413	56000	13503	83701	85702	
952	70808	25101	20216	763//	16202	85707	87650	
953	81411	56505	18316	864//	15502	88713		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00100	06 +		f
862	00070	04	1f	1ffF
797	00140	11 +		+
776	00090	05	1f	1ffF
775	00090	03 +		+
772	00130	08 +		+
586	97090	04 +		d_o-$d_o$$r_o$
590				
497				
502	00130	09 +		+
628	00110	05 +		+
715	00120	08 +		+
703	00150	09		
827	00100	06 +		+
817	00120	08 +		+
804	00140	13 +		+
809	00110	09 +		+
894	00120	08 +		+
534	00090	05 +		+
559	00060	02 +		+
462	00090	07 +		+
354	00100	07 +		+
414	00110	09 +		+
360	00100	04 +		+
396		+		+
257	00080	05	F	+
262	00130	10 +		+
222	00090	06 +		+
302	00130	09 +		+
334	00110	08 +		+
318	00100	08 +		+
204	00110	08 +		+
131	00130			
162	00060	01 +		+
135	00080	03 +		+
140	00090	05 +		+
171	00050	01	1f	1f
091	00050	01 +		1f
005	92091	06	F	FFff
075	00110	06 +		ff
010	00100	09		
049	00140	13 +		+
026	00091	03 +		+
022	00120	09 +		+
100	00141	11 +		+
917	00110	07 +		+
980	0013	08		
976	9713	09		
965	9712	09		
969	9713	08		
962	9713	12		
952	9714	14		
953	9716	14		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12001	72408	97032	94913	65550	00801	/////	/////	00011	11311	3////	19/06
L	99570	70200	12004	71716	97038	08913	784//	00301	84815	87625	0//11	11366	30404	24005
M	99659	10019	12004	31207	97020	29010	10941	00202	/////	/////	00009	11079	30201	/////
R	99470	70170	12004	81104	98022	18818	855//	00801	88620	/////	0//16	11880	30000	25803

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_w$
C	99527	70355	12061	82101	97028	94512	6255/	00303	/////	/////	05211	11302	3////	///05
L	99570	70200	12064	81424	96618	06413	853//	00713	84709	88620	0//13	11362	30505	24004
M	99659	10019	12064	31006	98020	30011	10942	00204	/////	/////	00109	11064	30201	/////
R	99470	70170	12064	81512	97032	16018	854//	00611	88615	/////	0//18	11865	30502	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42268

Date of Issue SATURDAY 13 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 12 AUGUST 1977

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	23605	66034	20720	11501	10711	81828		
Hurn	862	13304	62020	21120	11600	11807	81840		
Manston	797	53510	59022	20218	38432	13804	83814		
Gatwick	776	70207	65022	21118	786//	09708	82830	87635	
Kew	775	60305	80022	21418	685//	10809	83826	84635	
Heathrow	772	40107	75011	21319	48500	11709	82826	83635	
Honington	586	73411	72026	20917	784//	11804	83816	87620	
Wattisham	590								
Gorleston	497	83513	64022	20516	845//	13400	88625		
Aberporth	502	30202	64011	21519	11602	13803	81830	84075	
Filton	628	00806	68010	21421	00900	12808			
Rhoose	715	10807	65031	21321	10931	12803	81364		
Hartland Point	703	30503	59051	21419	00905	13703	83275		
Mount Batten	827	62006	60051	20623	21531	12707	82823	84078	
St. Mawgan	817	01003	70010	20823	00900	12804			
Scilly	804	11407	58020	21721	00902	14802	81075		
Culdrose	809	12507	60050	20821	11600	10705	81830		
Guernsey	894	50000	70031	21219	11402	14000	81818	85075	
Eimdon	534	50306	66021	22118	51500	10809	85827		
Cardington	559	70507	68031	21917	785//	12806	84820	87630	
Wittering	462	73609	70012	22116	784//	11806	82817	87645	
Watnall	354	80204	70031	22616	854//	11806	85616	88625	
Shawbury	414	23502	60041	21619	22500	11710	82827		
Finningley	360	70305	75032	22317	785//	11708	84825	87640	
Spurn Point	396	70112	66012	22616	785//	13804	86820	87630	
Leeming	257	73608	56042	23117	754//	12808	87616		
Tynemouth	262	80209	69022	24315	856//	13501	88630		
Carlisle	222	10811	65030	22518	11500	13705	81823		
Valley	302	42408	60050	21323	10931	13806	81360	84075	
Ringway	334	31103	60010	22219	31600	11808	83835		
Squires Gate	318	00909	60040	22321	00900	14806			
Ronaldsway	204	40810	56041	22417	00901	13000	84075		
Mull of Galloway	131	71212	80031	22217	00905	13602	87275		
Eskdalemuir	162	10707	86030	22819	11600	11702	81835		
Prestwick	135	10310	80020	22023	11501	08710	81828		
Abbotsinch	140	10808	68021	22521	11501	13709	81825		
Leuchars	171	11010	82021	24216	11400	12801	81815		
Dyce	091	10805	70050	24220	15530	12500	81625		
Lerwick	005	10903	20404	25816	16002	13303	81700		
Wick	075	71108	12404	24613	760//	12102	82700	84702	87703
Sule Skerry	010	01114	74020	23916	00900	13001			
Cape Wrath	049	11406	82020	22817	11500	15601	81825		
Stornoway	026	11606	75030	22418	11500	13000	81828		
Benbecula	022	41513	75030	21619	30932	11400	83360		
Tiree	100	61313	72021	21618	00902	13000	86075		
Aldergrove	917	51111	56052	20921	15602	13806	81640	84075	
Malin	980	31010	56051	20319	11502	13704	81824	83072	
Belmullet	976	71706	69031	18420	755//	15202	81720	87642	
Birr	965	21509	61051	19521	12502	12807	81828		
Dublin	969	21213	68010	20521	11601	10806	81832		
Shannon	962	51512	62052	18622	31602	15712	83830		
Roches Point	952	71305	50102	20119	764//	16603	87710		
Valentia	953	51618	68025	18222	38602	16302	82830	83070	

OBSERVATIONS at 18h. 12 AUGUST 1977

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	00407	65011	19519	00900	10504			
862	21507	59051	19619	28600	13704	81835		
797	73611	57056	19317	714//	14706	87811		
776	70202	61012	19819	756//	11707	87645		
775	70403	68022	20318	786//	11704	83830	87650	
772	73508	68021	20219	785//	12605	83828	87650	
586	83409	65012	20115	854//	12705	86713	88620	
590								
497	83412	62022	19615	855//	12706	88625		
502	13402	56050	20518	00902	15706	81075		
628	10506	65020	19621	11701	11606	81850		
715	72605	59051	19920	786//	13604	84840	83656	
703	00000	66050	20418	00900	12708			
827	72306	60051	20018	786//	15704	82830	84645	87656
817	10306	68020	20120	10932	11804	81359		
804	10000	60030	20621	00902	15707	81075		
809	02607	58050	20120	00900	10603			
894	00103	74010	20217	00900	10705			
534	70906	68031	21018	755//	11505	87628		
559	70708	60022	20917	785//	13705	82820	87635	
462	70506	60052	20917	655/2	13706	84620	86645	
354	70303	65012	20819	755//	12607	84625	86640	
414	10707	62040	20320	00901	12502	81080		
360	20607	70011	20720	28500	13605	81825		
396	53614	66012	21215	55500	13708	85620		
257	10210	57041	22017	15600	13604	81630		
262	50111	69022	23015	50930	13707	85358		
222	11110	58040	21321	12600	14504	81830		
302	20605	58050	20821	00901	13601	82075		
334	41103	58021	20920	42600	12504	84840		
318	20607	64020	21021	00901	13606	82075		
204	20705	61041	21118	00901	11806	82075		
131	21504	70011	21317	00901	11608	82075		
162	30506	81020	22018	32600	12500	83836		
135	32510	64030	21319	38601	14500	82835		
140	50712	70031	21421	15701	10602	81650	85081	
171	60808	82031	23615	55431	12603	81710	85650	
091	11003	65050	23517	15230	10704	81705		
005	00502	80010	25516	00900	14603			
075	20807	65054	24414	16301	13501	81706		
010	01116	74010	23315	00900	13704			
049	11406	80020	22117	11500	14606	81825		
026	20608	80030	21817	00901	14504	82075		
022	51504	72011	21220	00902	12603	85070		
100	41408	64051	20918	00902	14604	84075		
917	11409	57051	20620	00901	11501	81080		
980	11314	56050	19621	00902	14703	81072		
976	40506	64056	16921	35602	16812	83640		
965	11607	61010	18621	12602	12507	81830		
969	21111	70010	19919	12602	10603	81835		
962	31712	70011	17522	18602	14706	81830	83070	
952	11107	30101	19418	11401	16705	81812		
953	71412	60051	17120	22672	15806	82832	83460	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00220	104 +		+
862	00220	101 +		+
797	97190	054 ir.		+
776	00190	025 +		+
775	00190	037 +		+
772	00200	064 +		+
586	00180	001 +		+
590				
497		013		
502	00190	121 +		+
628	00230	121 +		+
715	00230	076 +		+
703	00190	106		
827	00230	070 +		+
817	00240	117 +		+
804	00220	125 +		+
809	00220	121 +		+
894	00200	128 +		+
534	00190	085 +		+
559	00180	007 +		+
462	00180	000 +		+
354	00190	014 +		+
414	00230	107 +		+
360	00200	017 +		+
396		+		+
257	00190	068 +		+
262	00150	037 +		+
222	00220	132 +		+
302	00250	118 +		+
334	00210	118 +		+
318	00230	130 +		+
204	00180	104 +		+
131	00170			
162	00210	121 +		+
135	00240	121 +		+
140	00230	126 +		+
171	00170	112 +		+
091	00210	129 +		+
005	00170	127 ff		+
075	00150	086 ff		f
010	00170			
049	00200	130 +		+
026	00211	125 +		+
022	00210	117 +		+
100	00200	122 +		+
917	00230	116 +		+
980	0022	116		
976	9723	048		
965	0023	117		
969	0021	123		
962	9724	081		
952	0021	075		
953	9723	070		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

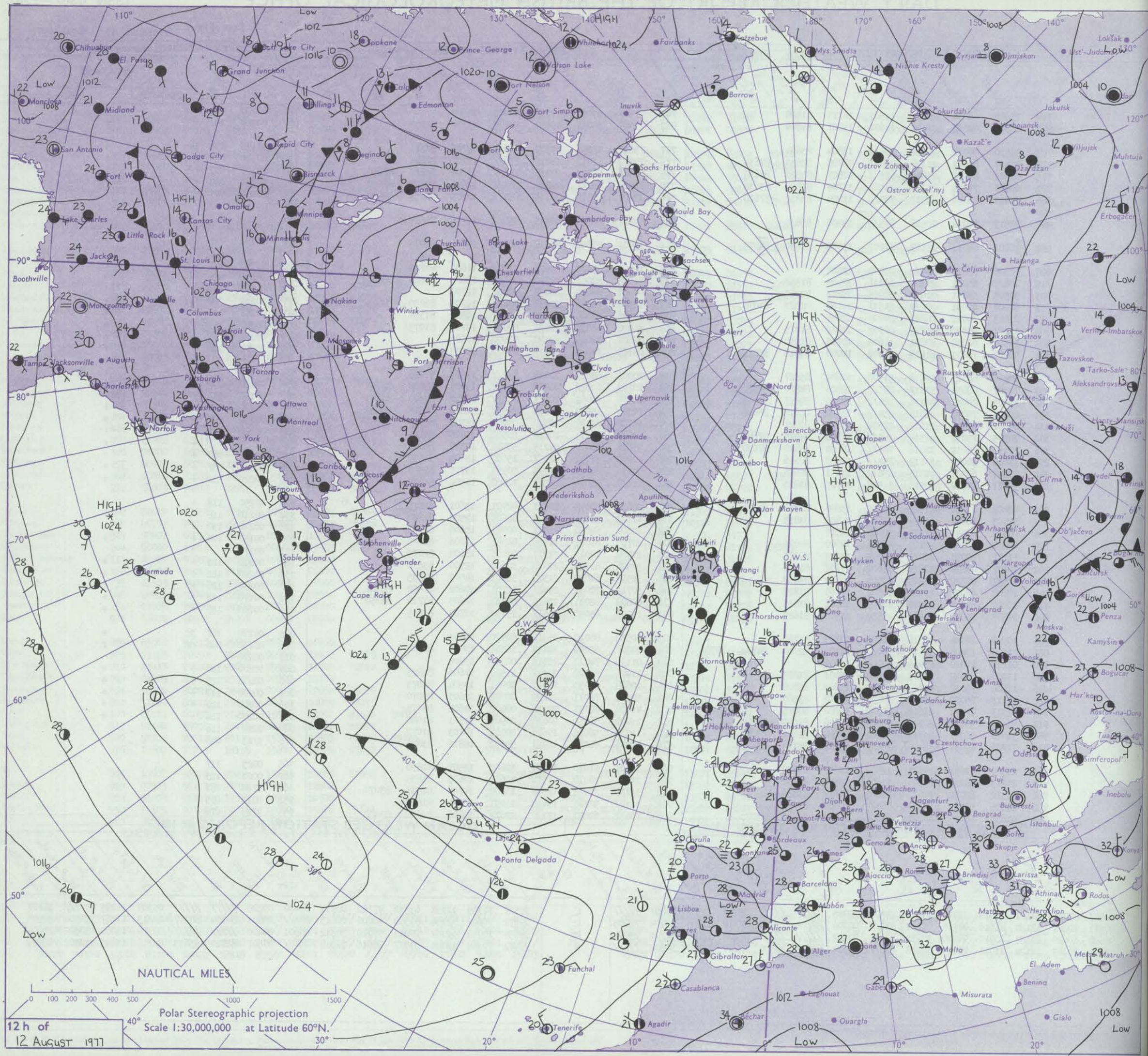
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12121	73616	98018	03112	74500	00245	/////	/////	05209	11302	30807	/////
L	99571	70201	12124	81616	94516	07613	870//	00206	88701	/////	0//14	11368	30404	22905
M	99659	10020	12124	20910	98020	30812	00908	00202	/////	/////	00408	11077	30201	25004
R	99471	70169	12124	81818	97015	13218	852//	00714	86705	88620	0//19	11858	30502	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12181	63512	97152	08911	63400	00228	/////	/////	05309	11285	3////	36107
L	99572	70202	12184	81519	96606	06613	872//	00603	84704	88707	0//13	11367	30504	18905
M	99659	10019	12184	20811	98020	30812	00901	00400	/////	/////	00309	11060	30302	25004
R	99472	70168	12184	81917	96616	11318	4547/	00507	82710	83633	0//18	11845	30502	15603

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of
12 AUGUST 1977

00h of
13 AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

06h of
13 AUGUST 1977

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 13 AUGUST 1977

During the past 24 hours a ridge of high pressure has persisted from the Norwegian Sea across the British Isles to northwest Spain. The complex area of low pressure over the central North Atlantic remains slow-moving but the associated frontal system have moved east towards; Ireland. A small low developed over Poland and has moved slowly west across Northern Germany. During the next 24 hours the Atlantic fronts will move slowly east into Ireland and the ridge over the British Isles will also move a little east and weaken. The low over northwest Germany is expected to become slow-moving with little change in pressure.

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

Code FM 11.V **OBSERVATIONS at 00h. 13 AUGUST 1977**

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	00000	60020	20212	00900	10803			
Hurn	862	00000	35101	20111	00900	10804			
Manston	797	83311	60022	19015	863//	13704	88707		
Gatwick	776	33201	30111	20212	35400	10802	83617		
Kew	775								
Heathrow	772	33402	50051	20514	35400	13702	83616		
Honington	586	83106	58502	19614	872//	13704	83703	88704	
Wattisham	590								
Gorleston	497	83307	32102	18915	860//	15704	88701		
Aberporth	502	00000	62051	20615	00900	12604			
Filton	628	00903	58050	20613	00900	10802			
Rhoose	715	00505	60051	20213	00900	12000			
Hartland Point	703	00508	62010	20117	00900	13706			
Mount Batten	827	50402	60051	19614	25701	10806	82650	85075	
St. Mawgan	817	20605	68020	19815	00902	10807	82075		
Scilly	804	00905	60010	20214	00900	12604			
Culdrose	809	00508	64050	19614	00900	08708			
Guernsey	894	00806	75020	19913	00900	11806			
Elmdon	534	20000	45101	21110	25500	10801	82620		
Cardington	559	80602	60051	20913	854//	12601	84710	88627	
Wittering	462	83004	57051	20813	863//	12803	88706		
Watnall	354	80305	40051	21414	853//	13301	81708	88622	
Shawbury	414	40000	35040	20911	45500	10701	84624		
Finningley	360	83307	60021	21214	863//	12002	83708	88710	
Spurn Point	396	80110	64022	20715	855//	14705	88620		
Leeming	257	83306	50041	22414	863//	13400	88706		
Tynemouth	262	80210	66022	23114	864//	14400	88718		
Carlisle	222	60908	62011	22013	657//	11400	86656		
Valley	302	10706	50051	20315	00901	13705	81075		
Ringway	334	10707	58011	21315	15600	12400	81630		
Squires Gate	318	10906	58040	21212	15600	11702	81640		
Ronaldsway	204	10509	58040	20714	00901	11804	81075		
Mull of Galloway	131	01009	66010	21313	00900	12602			
Eskdalemuir	162	73206	60031	23311	762//	10202	83704	87707	
Prestwick	135	10000	65020	22113	15600	11001	81640		
Abbotsinch	140	20609	70031	22613	16402	11002	81712		
Leuchars	171	80204	62031	23612	862//	11704	83704	88706	
Dyce	091	83602	20401	24311	860//	11602	82700	88701	
Lerwick	005	00102	62010	25811	00900	11703			
Wick	075	90905	03454	24312	9////	12704	89/00		
Sule Skerry	010	21115	74020	23712	25500	11803	82625		
Cape Wrath	049	11814	83020	22018	15600	14804	81630		
Stornoway	026	13103	75010	21813	00901	11603	81075		
Benbecula	022	10808	70021	20912	00902	11704	81070		
Tiree	100	11212	64111	20915	00902	13201	81075		
Aldergrove	917	00803	56040	20814	00900	10303			
Malin	980	11316	61100	19615	00902	10802	81072		
Belmullet	976	61209	70021	15916	656//	14805	86640		
Birr	965	01307	57101	19014	00900	12201			
Dublin	969	10905	59100	20313	00902	12801	81070		
Shannon	962	01407	30101	18116	00900	14202			
Roches Point	952	71307	57102	18817	26402	16804	82710	87072	
Valentia	953	81517	60052	15518	3867/	13712	81832	83650	88459

OBSERVATIONS at 06h. 13 AUGUST 1977

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	73002	40051	19210	751//	09503	81702	87615	
862	43102	25114	19109	00901	08603	84075		
797	83412	50605	17015	852//	15605	87704	88615	
776	83602	57041	18514	863//	12603	88707		
775	73506	62011	18914	753//	13605	83708	87645	
772	73607	56011	18814	763//	13603	86706	86616	
586	83507	40285	17815	861//	15605	87702	88705	
590								
497	83618	58025	17316	874//	15706	88710		
502	51408	58051	19113	00902	11604	85075		
628	60303	50051	19613	655//	11500	81620	86630	
715	30603	45050	19211	10931	11702	81359		
703	61010	58051	18215	30931	12710	83360	86075	
827	70705	60051	18512	00902	10605	83072	86076	
817	41006	65030	18313	10932	10506	81360	84075	
804	51305	56031	18215	50970	15605	83458	83360	
809	20707	58050	18113	00902	09507	82075		
894	71506	75021	18615	785//	13505	82825	87645	
534	73403	50041	19814	763//	13503	87706		
559	80305	50052	19114	863//	13604	88709		
462	83507	17102	19214	860//	14504	83701	88702	
354	83606	20282	19814	860//	13604	88701		
414	82602	35041	20013	854//	12501	85616	88626	
360	83605	18102	19715	860//	14504	88701		
396	80210	18102	19515	860//	15805	88701		
257	83206	45042	20815	863//	13605	88706		
262	80511	61022	21815	856//	15807	88630		
222	60702	62011	21114	655//	13704	83625	84635	
302	20703	30050	19312	00901	11503	82075		
334	70502	58021	20015	755//	13605	87625		
318	70805	57041	20414	756//	13505	87645		
204	30707	56040	20114	11431	13500	81712	83075	
131	21114	70030	20414	10931	13502	81360		
162	70206	57505	21913	762//	12606	83704	85708	87713
135	10805	66021	21512	18541	10501	81828		
140	70808	57211	21715	753//	13805	81707	83710	87618
171	70411	50012	22915	751//	14504	85702	87710	
091	70000	11616	23912	2707/	12500	81700	84358	87362
005	13102	70020	25114	00901	09503	81070		
075	91102	01434	23813	9////	13503	89/00		
010	41412	32100	23512	46400	12706	84710		
049	11810	83020	22018	15600	13707	81630		
026	21903	75030	21714	15601	13301	81640		
022	21308	83020	20314	15602	12301	81640		
100	61314	86031	20215	25702	12301	82650	84075	
917	51008	40041	19714	00902	12604	85075		
980	51413	60101	18915	15602	12502	81640	85072	
976	71308	70022	14616	454/6	13502	81719	83640	87272
965	61506	58101	17615	15602	10802	81632	86070	
969	70702	02464	18712	00902	12507	87270		
962	71210	50101	16315	15676	13505	81640	85460	87275
952	81212	50102	16616	8097/	15608	88459		
953	71419	60052	13918	1267/	12508	81832	87459	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00090	05	+	+
862	00080	05	f	ff
797	94141	14	+	$d_0r_0r_0$
776	00110	07	+	+
775	00110	05	+	+
772	00130	10	+	+
586	92140	14	d_0d_0f	ffd_0d_0
590				
497				
502	00120	08	+	+
628	00110	05	+	+
715	00110	06	+	+
703	00130	11		
827	00110	07	+	+
817	00130	06	+	+
804	00140	11	+	+
809	00110	07	+	+
894	00130	08	+	+
534	00090	06	+	+
559	97101	05	+	d_0
462	97131	11	+	d_0d_0ff
354	00130	09	+	f
414	00110	05	+	+
360	00140	11	+	+
396			+	ff
257	00140	11	+	+
262	00140	12	+	+
222	97120	10	+	d_0
302	00120	08	+	+
334	00130	10	+	+
318	00110	09	+	+
204	00120	10	+	+
131	00130			
162	97110	08	$1d_0$	$1d_0d_0$
135	00100	08	+	+
140	97130	12	+	d_0r_0
171	00110	07	+	+
091	91111	06	r_0ff	$d_0r_0ifr_0r_0$
005	00110	05	+	+
075	91110	09	ff	FFff
010	00100	10		
049	00140	14	+	+
026	00111	06	+	+
022	00120	09	+	+
100	00130	09		
917	00110	06	+	+
980	0014	11		
976	9715	14		
965	9714	11		
969	9712	07		
962	9714	14		
952	9716	15		
953	0016	15		

Code FM 21.V **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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13001	83511	97258	13711	834//	00220	/////	/////	05207	11275	3////	36/07
L	99572	70203	13004	81224	97606	05313	853//	00810	86707	88620	0//13	11365	30505	10005
M	99661	10018	13004	10813	98020	30810	00901	00400	/////	/////	00009	11078	30302	25004
R	99470	70169	13004	12413	97021	10918	15600	00802	81640	/////	0//18	11864	30301	18502

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13061	73111	97258	14611	73400	00001	/////	/////	05307	11272	3////	///06
L	99573	70205	13064	81018	96616	01413	872//	00722	85704	88706	0//13	11365	30504	16006
M	99661	10016	13064	20813	98020	30810	00901	00400	/////	/////	00109	11018	30302	25003
R	99471	70168	13064	72410	97031	10418	7097/	00601	87360	/////	0//17	11841	30000	22503

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42269

Date of Issue SUNDAY 14 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 13 AUGUST 1977

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	70405	66032	18419	785//	12707	85820	85630	
Hurn	862	70304	62031	18719	48501	13704	84827	85075	
Manston	797	83509	50506	17417	872//	16002	83703	85705	88710
Gatwick	776	83505	59041	18418	854//	14400	85614	88656	
Kew	775	83405	57502	19117	873//	15302	86708	88715	
Heathrow	772	83407	38515	18917	853//	15103	83706	86708	88612
Honington	586	80106	59505	17918	854//	15102	84713	88618	
Wattisham	590								
Gorleston	497	80214	24102	18016	861//	15203	88702		
Aberporth	502	40406	62051	18419	25631	14807	82630	83075	
Filton	628	70903	62052	18819	785//	14606	84820	86628	
Rhoose	715	41208	59051	19321	12601	14301	81830	84075	
Hartland Point	703	50710	62052	18019	22501	14803	82825	84075	
Mount Batten	827	21709	60011	18021	21501	12706	82825		
St. Mawgan	817	61511	56051	17520	22532	15704	82825	85075	
Scilly	804	51308	60031	17920	40939	16801	84360		
Culdrose	809	71608	58051	17720	11538	11702	81820	86270	
Guernsey	894	11503	64011	18918	12400	13000	81816		
Elmdon	534	80605	57042	19217	853//	14806	81708	85711	88620
Cardington	559	80507	58055	18918	863//	15803	85707	88712	
Wittering	462	83606	62025	19218	854//	15801	86713	88620	
Watnall	354	80305	35206	19718	884//	14601	84710	84620	88645
Shawbury	414	70905	60042	18920	784//	14809	81816	84820	87645
Finningley	360	70406	62012	19619	784//	14802	83815	85622	87640
Spurn Point	396	80212	40104	20117	862//	15302	88705		
Leeming	257	70109	62042	20618	785//	14604	83820	87627	
Tynemouth	262	80610	23102	22115	856//	15303	88630		
Carlisle	222	71111	60025	20418	784//	15609	83712	83624	87650
Valley	302	72307	59051	19122	58602	12502	82835	84657	87075
Ringway	334	70807	60022	19419	754//	15708	83714	87650	
Squires Gate	318	80808	62032	19820	884//	15604	85818	88650	
Ronaldsway	204	60810	65011	19918	28502	14400	81820	86075	
Mull of Galloway	131	81412	62031	20216	5561/	14604	85630	88460	
Eskdalemuir	162	80511	80035	21416	885//	13505	85822	86640	
Prestwick	135	71008	82021	20620	68532	13708	85826	83630	86075
Abbotsinch	140	70812	70022	21118	785//	13706	81822	87640	
Leuchars	171	50713	68031	22718	26330	14704	82709	84360	
Dyce	091	70906	75026	23518	784//	14501	81712	87634	
Lerwick	005	10306	80020	24618	00901	11602	81075		
Wick	075	41305	40284	23717	16202	15604	81703	84075	
Sule Skerry	010	71110	32051	23816	763//	14101	87709		
Cape Wrath	049	61411	83021	22515	3853/	13802	81825	83630	86360
Stornoway	026	70407	82031	21517	6863/	14803	81830	86656	
Benbecula	022	51512	86011	20119	00902	14803	85072		
Tiree	100	61316	61042	20118	30932	14602	83366	84072	
Aldergrove	917	71211	59042	19219	58302	14802	81708	84818	86075
Malin	980	60920	58102	18515	25732	13703	82650	85075	
Belmullet	976	71311	64052	14719	65438	13801	82719	85640	86269
Birr	965	51411	60052	16322	5093/	10811	85364		
Dublin	969	71211	57104	18018	25502	14705	82622	86070	
Shannon	962	71215	58052	14821	5577/	12709	85656	87460	
Roches Point	952	81013	57102	16118	1567/	15803	81639	88459	
Valentia	953	71417	65016	13021	22536	15706	82828	83359	87270

OBSERVATIONS at 18h. 13 AUGUST 1977

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	70607	68022	17419	785//	14302	82825	87636	
862	72507	57051	17919	756//	14304	82635	87640	
797	60307	45055	17317	36301	15302	83706	85075	
776	73402	57045	17319	755//	15703	81620	87650	
775	63401	59018	17719	684/1	15501	82818	86645	
772	73003	58028	17519	785//	17703	81820	87648	
586	50208	60016	17718	55400	13301	85615		
590								
497	80211	32052	18016	862//	15502	88705		
502	72105	57051	17419	18536	13501	81825	87275	
628	81009	60052	17920	885//	14303	81825	88640	
715	71204	63011	17620	35758	14501	83650	86360	87272
703	72505	62021	17218	5263/	14603	85835	87360	
827	71606	62051	17618	7097/	14801	83362	86366	
817	81609	65032	17418	8097/	12103	82362	88468	
804	81407	60022	17117	856//	15804	88630		
809	71505	58052	17318	7097/	13001	83362	87465	
894	60605	60051	18218	10932	12301	81363	86075	
534	70507	62042	18219	755//	14503	82620	83630	87650
559	70506	65012	18319	1255/	16302	81825	87357	
462	80407	59022	18617	863//	15500	86707	88709	
354	70605	65022	18918	784//	15302	82812	87645	
414	81303	60042	18019	5857/	14502	81824	85650	88359
360	70508	58202	19017	753//	15000	83706	85630	87645
396	80506	40052	19915	855//	15301	88620		
257	80509	60042	20017	854//	15601	82710	87616	88635
262	80705	56025	21315	864//	15605	88718		
222	71011	65012	19417	785//	15504	81820	87650	
302	60806	59052	17521	58601	14604	81830	85656	86075
334	70808	62022	18320	785//	14605	82820	87650	
318	70908	62012	18320	785//	15506	81825	87650	
204	70712	63022	18018	15736	14604	81656	87275	
131	81215	60032	18316	856//	14710	88630		
162	70509	65258	20115	784//	13506	82712	83822	87648
135	81208	66802	19218	885//	14506	83824	84640	87650
140	70815	75032	19518	785//	13611	81825	87645	
171	70513	59042	22015	752//	14705	83704	87630	
091	71006	75012	22716	75300	13605	81708	87630	
005	32002	65400	23916	16082	13802	81700	83081	
075	11408	75020	22916	12602	13602	81830		
010	31110	81021	22617	25501	13703	82620		
049	30906	84031	21416	38501	15605	81825	83630	
026	81605	83032	19918	856//	14605	83635	88656	
022	71307	81032	19018	756//	14605	81630	87656	
100	71213	59042	18717	5573/	15706	85650	83360	
917	71210	65022	17818	11576	13502	81825	83463	87270
980	70917	70101	16916	12538	13705	81826	86359	87270
976	81210	60606	13718	864//	13805	82714	88718	
965	81407	32052	15519	856//	13500	88642		
969	70910	57052	16917	30932	12707	83360	87070	
962	81308	58606	14517	3562/	14104	83645	88458	
952	81309	30616	15317	8072/	16502	88550		
953	81517	64218	12515	6652/	13705	86720	88459	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00210	028	+	+
862	00210	047	+	+
797	97180	002	d$_o$d$_o$	+
776	97200	011	d$_o$	+
775	93200	007	d$_o$	pr$_o$pr
772	01201	008	d$_o$d$_o$	pR
586	91201	003	d$_o$1d$_o$-d$_o$r$_o$	+
590				
497		014		
502	00210	064	+	+
628	00210	019	+	+
715	00220	082	+	+
703	00200	058		
827	00220	076	+	+
817	00210	064	+	+
804	00210	033	+	+
809	00210	075	+	+
894	00200	082	+	+
534	00200	000	+	+
559	91220	008	d$_o$d$_o$	+
462	00191	000	+	+
354	97210	004	d$_o$-d$_o$r$_o$	d$_o$
414	00210	006	+	+
360	97210	001	+	d$_o$
396			+	+
257	97191	000	+	d$_o$
262	97150	000	+	1d$_o$
222	00190	010	+	+
302	00230	066	+	+
334	00210	002	+	+
318	00220	002	+	+
204	00200	084	+	+
131	00170			
162	97180	006	pr$_o$	pr$_o$
135	97210	021	pr$_o$	pr$_o$d$_o$r$_o$d$_o$
140	00200	009	+	+
171	00180	033	+	+
091	00190	008	+	+
005	00190	142	+	fFF
075	00170	082	ff	+
010	00170			
049	00190	073	+	+
026	00210	091	+	+
022	00220	092	+	+
100	00190	085	+	+
917	00210	060	+	+
980	0018	046		
976	9220	001		
965	0023	015		
969	9720	038		
962	9421	006		
952	9320	014		
953	0421	005		

Code FM 21.V **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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13121	83110	98032	16410	834//	00112	/////	/////	05405	11267	3////	34106
L	99573	70207	13124	31418	98216	99714	35431	00501	81710	83620	0//13	11362	30504	12006
M	99663	10013	13124	10815	98020	30811	00908	00400	/////	/////	00309	11037	30403	/////
R	99470	70171	13124	12213	97031	11318	12502	00102	81820	/////	0//17	11855	30603	14702

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13181	72911	98022	16311	78500	00603	/////	/////	05307	11283	30605	02006
L	99574	70208	13184	31520	98025	02014	35400	00313	81710	83640	0//13	11401	30504	10005
M	99663	10013	13184	70815	97030	30710	76300	00703	/////	/////	00109	11058	30403	/////
R	99471	70169	13184	12918	98020	12718	12500	00312	81820	/////	0//17	11853	30604	24803

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

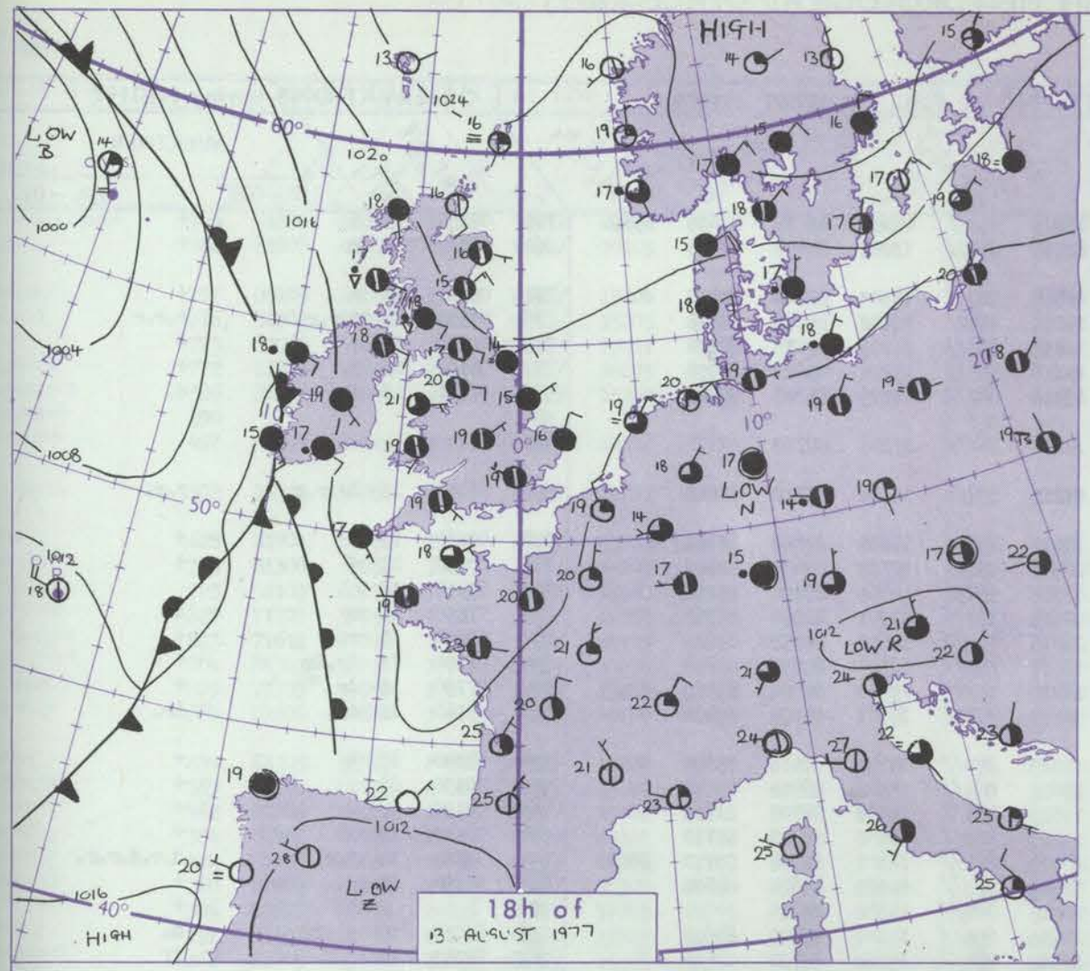
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

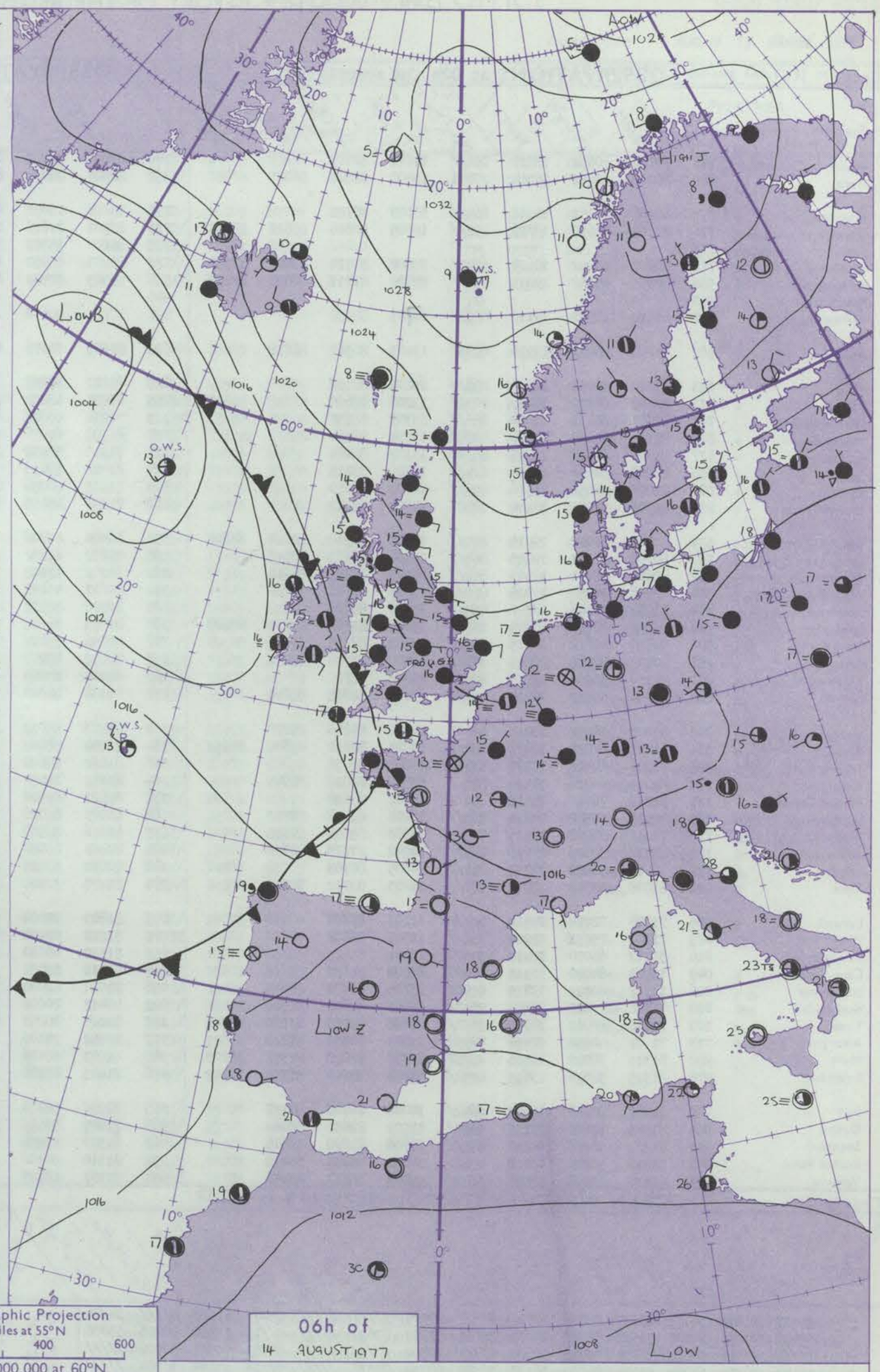
NAUTICAL MILES

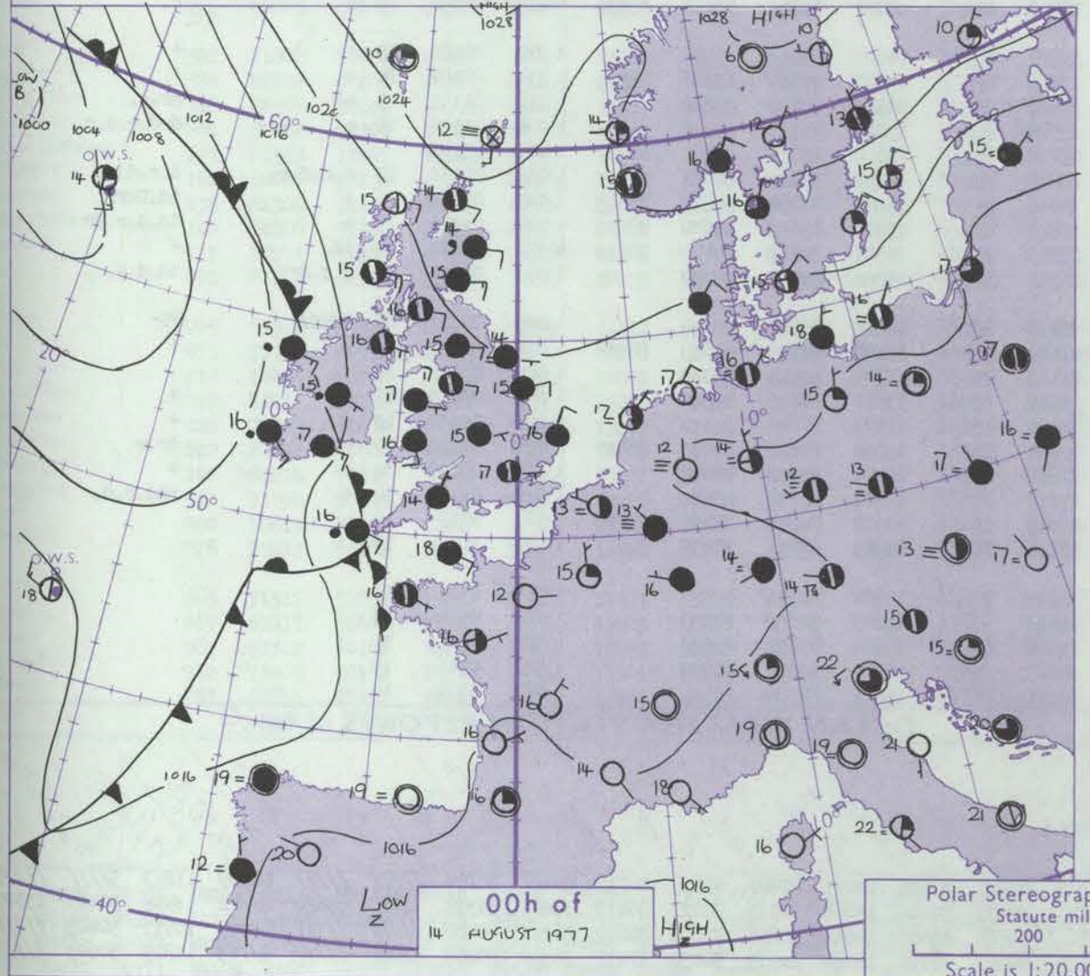
0 100 200 300 400 500 1000 1500

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

12 h of
13 AUGUST 1977







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 14 AUGUST 1977

During the past 24 hours frontal troughs from an Atlantic depression moved slowly eastwards into Ireland, whilst a weak ridge of high pressure persisted over Great Britain. During the next 24 hours the trough will remain slow-moving over Ireland but should continue to move slowly eastwards into southern England and the weak ridge of high pressure should persist over Scotland.

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

Code FM 11.V **OBSERVATIONS at 00h.** 14 AUGUST 1977

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	70704	60052	18017	756//	14101	87648		
Hurn	862	60000	50052	18214	25601	13400	82640	86075	
Manston	797	60206	45052	18616	664//	13000	86711		
Gatwick	776	80809	36612	18716	852//	15005	82704	85622	88645
Kew	775								
Heathrow	772	70807	56052	18617	6543/	15002	81714	83617	87358
Honington	586	80105	45052	19015	854//	14400	81711	86624	88650
Wattisham	590								
Gorleston	497	80310	60032	19116	8092/	14103	88458		
Aberporth	502	81708	58052	17916	60937	13103	86362	88272	
Filton	628	81006	59052	18317	856//	15204	88639		
Rhoose	715	80702	60022	18416	8092/	15206	88460		
Hartland Point	703	81607	64602	18215	856//	13303	88635		
Mount Batten	827	81105	62052	17916	8097/	13204	88464		
St. Mawgan	817	81005	62026	17715	8092/	13103	88464		
Scilly	804	81208	58606	17616	874//	15806	88715		
Culdrose	809	81007	58052	17516	857//	14000	88650		
Guernsey	894	81309	57051	18116	00907	14301	88272		
Elmdon	534	80705	60042	19415	854//	14003	82710	84624	88647
Cardington	559	80704	56101	19615	864//	15106	86711	88713	
Wittering	462	80605	25102	19915	852//	14105	83703	88613	
Watnall	354	80706	50055	19915	860//	14003	88701		
Shawbury	414	81006	50046	18717	854//	15303	88618		
Finningley	360	80605	40105	19915	853//	15001	83706	83710	88628
Spurn Point	396	80710	60022	20615	864//	14702	88715		
Leeming	257	80102	40105	20815	853//	15500	83708	88620	
Tynemouth	262	81110	56205	21815	864//	15602	88710		
Carlisle	222	80908	58042	19815	856//	15802	82635	88650	
Valley	302	81003	58052	18017	45607	14102	84636	88270	
Ringway	334	81209	62022	19417	854//	14003	81712	85616	88650
Squires Gate	318	71009	60012	19217	757//	15003	87656		
Ronaldsway	204	81014	61036	18116	854//	14801	81618	88645	
Mull of Galloway	131	81216	76022	18515	856//	14602	88630		
Eskdalemuir	162	80505	50582	20814	863//	13001	85708	88712	
Prestwick	135	71211	63028	19116	755//	13803	83628	87656	
Abbotsinch	140	80912	70022	19916	854//	14802	81712	88650	
Leuchars	171	80913	56025	21715	862//	14605	88703		
Dyce	091	81008	18512	22714	871//	14703	83702	88703	
Lerwick	005	91808	02474	24512	9////	12203	89/00		
Wick	075	71308	75031	23014	756//	12801	87642		
Sule Skerry	010	31112	66020	22413	35500	13702	83625		
Cape Wrath	049	11409	84020	21115	15600	13804	81630		
Stornoway	026	11112	80011	19715	00902	13705	81072		
Benbecula	022	71206	75012	18515	2563/	12803	82647	87360	
Tiree	100	71118	80012	18015	3577/	14708	83650	87360	
Aldergrove	917	71107	40042	17416	40938	13804	84359	87070	
Malin	980	81313	70022	16516	15737	13702	81650	87359	88270
Belmullet	976	81315	38636	13615	6732/	14704	83709	86715	88545
Birr	965	81407	20616	16015	6642/	14000	86710	88457	
Dublin	969	81903	57606	17115	2572/	12502	82650	88460	
Shannon	962	81211	56106	14316	855//	14706	82620	88645	
Roches Point	952	81216	50216	15117	4562/	14802	84643	88459	
Valentia	953	81414	62606	12516	6642/	14003	86717	88458	

OBSERVATIONS at 06h. 14 AUGUST 1977

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	81006	34102	18315	6532/	15305	81709	84625	85650
862	80000	30052	18314	5572/	13201	85650	88465	
797	73505	16052	18816	762//	15303	83704	87710	
776	81501	14616	19015	1562/	15302	81640	88556	
775	80000	25052	19416	864//	14105	82715	88624	
772	80903	47052	19116	3557/	15204	83625	88358	
586	83505	22502	19415	862//	14305	85705	88709	
590								
497	80711	40102	19616	862//	15206	88703		
502	81305	30106	17715	854//	15304	83710	88640	
628	81007	35052	18016	7567/	15301	87640	88464	
715	80905	48052	17516	2562/	14702	82630	88460	
703	71508	66026	17315	55731	12601	85650	87360	
827	81108	60056	17415	1577/	13301	81650	88362	
817	71310	56052	16715	7097/	14602	87358		
804	71507	58036	16517	5557/	16500	85623		
809	71105	50056	16916	1577/	15500	81650	83360	87365
894	71209	45056	17815	7097/	14301	85359	85462	
534	80904	45042	19315	854//	14301	82616	88624	
559	80702	25102	19815	864//	15302	88712		
462	80603	17102	19615	861//	14101	86702	88703	
354	80605	45102	20015	862//	14302	86703	88710	
414	80906	42582	18515	853//	14301	82707	83710	88620
360	80705	38105	19915	855//	14302	84624	88634	
396	80706	35102	20615	864//	14304	88715		
257	80602	45206	20415	854//	15500	86710	88620	
262	81008	23105	21315	864//	15702	88710		
222	81106	60022	19416	854//	14001	81712	85618	88650
302	81103	56052	17617	8097/	14302	88459		
334	71104	58022	19416	5547/	13303	82615	84640	87359
318	81007	59602	19116	856//	14301	84630	88650	
204	81112	23582	17915	852//	15202	85705	88632	
131	81820	03606	17615	864//	15604	88715		
162	81003	61026	20015	854//	13201	85712	88620	
135	81206	56592	19015	854//	15303	81714	84618	85645
140	80807	65022	19315	855//	13400	81620	84630	88656
171	81011	57025	21215	852//	14301	84704	85708	88630
091	81109	32105	22314	870//	14302	81701	88702	
005	81803	30104	25113	861//	13205	88702		
075	81210	60102	22614	5547/	13101	81715	84625	88358
010	51112	66011	21713	3555/	13704	83625	85358	
049	51410	82031	20014	22562	13810	82825	83360	
026	71002	82031	19114	75632	12501	87640		
022	81413	70602	17914	7557/	13502	83620	86635	88459
100	81217	60052	17615	855//	14400	85622	88640	
917	81902	25106	17115	854//	14304	82712	88645	
980	81203	58106	16315	25678	14102	82648	87460	87270
976	71415	43206	13016	754//	14303	83716	87638	
965	71508	58106	15115	756//	12502	87636		
969	71405	50106	16815	2577/	14203	82650	87459	
962	61309	58258	14116	684//	14304	82712	85630	
952	71310	50106	14717	5567/	16501	85639	86359	
953	71907	56106	12616	763//	16202	87709		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00150	13	+	+
862	00130	12	+	+
797	00140	11	+	+
776	03151	15	r.r.r	r.r.r
775	00150	14	+	+
772	00160	13	+	+
586	97150	13	+	d.
590				
497				
502	96151	14	ir.r.r.	r.r.
628	00160	15	+	+
715	00150	12	+	+
703	97140	13		
827	97150	14	+	ir.
817	97150	13	r.	+
804	92160	13	ir.ir	+
809	97150	13	ir.	+
894	97160	12	ir.	ir.
534	00140	13	+	+
559	00130	08	+	+
462	00150	14	+	+
354	00140	14	+	+
414	93151	14	d.r.	d.r.d.r.r.
360	97150	13	d.	+
396			+	+
257	91150	14	d.-r.	d.
262	92141	10	d.d.	ff
222	97150	15	+	r.
302	00160	15	+	+
334	00150	14	+	+
318	01151	15	+	rr.r.
204	91150	15	r.	drd.r.d.r.
131	95151			
162	91131	13	d.r.d.r.	d.r.d.r.
135	09151	14	+	id.DRrr
140	01151	15	+	id.d.r.dr
171	91150	14	id.	+
091	01141	14	d.d.dff	id.d.d.
005	00111	06	FFfff	FF
075	00130	11	+	+
010	00110	10		
049	00130	11	+	+
026	00130	11	+	+
022	01141	09	+	ir.r
100	00150	14	+	+
917	04151	14	+	rRd.r.d.
980	9715	14		
976	1014	13		
965	0514	13		
969	9414	13		
962	0915	15		
952	0316	15		
953	0314	14		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14001	83109	98028	17911	885//	00004	/////	/////	05407	11302	3////	34/06
L	99573	70205	14004	31517	98016	04013	35531	31210	82620	/////	0//13	11367	30403	13006
M	99664	10010	14004	90814	92472	30609	9////	00801	/////	/////	05109	10981	30504	/////
R	99471	70171	14004	13014	98020	16117	18500	00114	81820	/////	0//15	11619	30604	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14061	82407	97258	16711	834//	00709	/////	/////	05309	11283	3////	///05
L	99571	70201	14064	52115	98011	06412	35401	31317	81710	83620	0//12	11408	30404	13005
M	99664	10007	14064	80816	97024	30609	863//	00400	/////	/////	00009	10911	30403	/////
R	99471	70170	14064	22915	98030	17417	28500	00209	82820	/////	0//13	11823	30603	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42270

Date of Issue MONDAY 15 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 14 AUGUST 1977

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	81806	62026	19318	5847/	14104	84816	84359	88462
Hurn	862	81807	48602	19618	6732/	16103	83707	86709	88457
Manston	797	80205	45052	19618	863//	15204	85708	88710	
Gatwick	776	82302	50046	20217	6542/	15205	81614	86645	88459
Kew	775	80000	56052	20119	5642/	13101	85715	88458	
Heathrow	772	81904	48052	20018	854//	14205	81615	88620	
Honington	586	80803	50055	19819	854//	15202	82614	84620	88628
Wattisham	590								
Gorleston	497	80304	56025	20616	864//	14102	88710		
Aberporth	502	21810	56051	18021	18532	14703	81820		
Filton	628	81904	61012	19119	2567/	13103	82630	86359	88462
Rhoose	715	81306	62032	18819	7567/	14203	81642	87650	88359
Hartland Point	703	52104	60052	18118	32531	15304	83825	84360	
Mount Batten	827	71709	50052	18521	3253/	16105	83825	85362	
St. Mawgan	817	71612	70022	17920	1257/	14105	81820	87360	
Scilly	804	81311	58216	17716	6557/	15206	86620	88360	
Culdrose	809	71709	59052	17819	3853/	15102	81820	83640	86359
Guernsey	894	81506	40606	19516	3567/	15207	81635	88460	
Elmdon	534	81105	56612	20216	855//	14204	88620		
Cardington	559	81704	61032	20019	885//	15101	81823	88645	
Wittering	462	80706	58052	20418	854//	15002	81710	84616	88628
Watnall	354	80907	40052	20319	6847/	14101	81712	85640	88466
Shawbury	414	81003	18636	19715	853//	15104	83708	88620	
Finningley	360	81008	62032	20518	834//	14302	84616	85622	88630
Spurn Point	396	80907	40052	21516	854//	14103	84715	88620	
Leeming	257	81507	62032	21118	884//	13303	83814	88657	
Tynemouth	262	81005	39104	22016	864//	15103	88710		
Carlisle	222	80805	58606	20517	853//	15205	81708	83712	85622
Valley	302	71802	58052	18519	1577/	15003	81656	87358	
Ringway	334	81902	62606	20318	854//	14304	86618	88635	
Squires Gate	318	81507	45616	20217	854//	15204	82615	83622	88650
Ronaldsway	204	80607	32106	19515	852//	15207	82705	85707	88617
Mull of Galloway	131	81513	12606	19615	864//	14209	88715		
Eskdalemuir	162	80000	58056	21016	854//	13003	85711	86618	88640
Prestwick	135	81306	58586	20317	6542/	16107	81618	84630	88459
Abbotsinch	140	81006	57596	20617	6542/	16107	81712	83620	86645
Leuchars	171	80911	56515	22416	862//	15206	85704	88708	
Dyce	091	81206	56205	23215	852//	14205	83703	86705	88615
Lerwick	005	71307	62024	26415	7823/	14102	81704	83635	86645
Wick	075	71215	62052	23215	4523/	13001	82705	84635	87360
Sule Skerry	010	61414	60052	22816	3557/	14207	83625	86358	
Cape Wrath	049	71411	81022	21017	4557/	15205	84625	87360	
Stornoway	026	71212	82032	20318	756//	13207	87640		
Benbecula	022	81411	70606	19215	6537/	14208	81706	84615	86630
Tiree	100	81214	75016	18916	853//	15207	81707	88620	
Aldergrove	917	71108	40210	18317	753//	15206	82708	87650	
Malin	980	70811	50102	17417	1257/	15205	81820	87360	
Belmullet	976	71411	60102	14519	784//	16108	81717	83820	87640
Birr	965	71312	59052	15820	785//	14001	83826	86640	
Dublin	969	61411	56606	17618	657//	13003	86650		
Shannon	962	51312	60106	14720	58401	16001	82817	83650	
Roches Point	952	71409	50102	15219	6843/	17301	83817	85643	87360
Valentia	953	61811	70102	14420	42431	17205	84818		

OBSERVATIONS at 18h. 14 AUGUST 1977

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	71404	60026	19418	5547/	14400	83618	83645	87359
Hurn	862	71303	60036	19818	5573/	14602	85650	86360	
Manston	797	81205	35052	19817	5532/	16103	82707	85614	88460
Gatwick	776	80000	25616	20216	3532/	15802	81708	83645	88457
Kew	775	82102	40636	20416	6742/	15102	86710	88540	
Heathrow	772	81703	26616	20316	852//	16201	81704	83707	88650
Honington	586	81006	45052	19719	854//	15104	85614	87618	88640
Wattisham	590								
Gorleston	497								
Aberporth	502	20000	58051	18418	22400	15303	81715		
Filton	628	71906	59252	19120	5867/	15501	81834	85650	87359
Rhoose	715	51210	57051	18320	18631	15602	81830	84359	
Hartland Point	703	70705	60052	18418	2253/	13602	82825	87360	
Mount Batten	827	21708	40051	18718	18530	15102	81823		
St. Mawgan	817	61510	70031	18219	658//	14103	86657		
Scilly	804	61607	56022	17918	55530	17301	85620	85360	
Culdrose	809	31607	65051	18119	25730	13101	82650		
Guernsey	894	70907	58056	19117	1563/	14803	81630	87359	
Elmdon	534	81102	40616	19916	7542/	15802	81618	87650	
Cardington	559	82705	30616	20117	856//	15103	83635	88650	
Wittering	462	80407	38958	20117	894//	15301	88918		
Watnall	354	81801	25642	20117	6542/	15303	86614	88540	
Shawbury	414	81405	32606	19616	854//	15601	81710	86616	88640
Finningley	360	70807	61046	20118	2448/	15102	81712	85358	87462
Spurn Point	396	80609	32102	21515	864//	14500	88710		
Leeming	257	60906	63045	21118	614//	13302	86816		
Tynemouth	262	90808	02454	22315	9////	15202	89/01		
Carlisle	222	70907	62036	20019	6863/	15301	84830	85650	87364
Valley	302	60805	62058	18520	1153/	15801	81820	86358	
Ringway	334	81902	50606	19719	6577/	14201	86650	88460	
Squires Gate	318	81604	40606	19618	855//	16102	82628	88640	
Ronaldsway	204	70707	35046	19416	5563/	14400	83632	85650	87359
Mull of Galloway	131	81410	58036	19515	4647/	14104	84715	88460	
Eskdalemuir	162	80807	62036	20616	6857/	12501	81820	85635	87362
Prestwick	135	81102	60606	19918	5557/	15701	81622	85656	88460
Abbotsinch	140	70711	60056	20318	5847/	15500	82816	83624	87362
Leuchars	171	80912	58055	22315	862//	14500	83705	88706	
Dyce	091	81106	40055	23015	861//	14500	88702		
Lerwick	005	71207	70012	26815	7527/	14003	81704	87640	
Wick	075	51112	68052	23315	15332	13801	81707	83362	
Sule Skerry	010	51118	66012	23215	35551	14205	83625		
Cape Wrath	049	51410	82012	21615	38570	15203	81825	83630	85360
Stornoway	026	80704	80026	21016	6562/	14204	86635	88460	
Benbecula	022	71410	80016	19916	5547/	14104	81616	85630	87360
Tiree	100	81112	60606	19215	7541/	14002	82618	87640	88458
Aldergrove	917	51311	40041	18119	18531	15004	81822	83362	
Malin	980	71014	56102	17217	3863/	14001	81830	83650	85359
Belmullet	976	60405	68298	15318	694//	17306	81716	81919	85642
Birr	965	71307	58808	15918	784//	15000	84714	86641	
Dublin	969	51312	58056	17418	1573/	13501	81650	84360	
Shannon	962	70000	60809	15017	5947/	15305	81715	84920	86459
Roches Point	952	61404	40101	16018	28431	17203	81815	85360	
Valentia	953	32506	70018	15818	32402	15308	83818		

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97190	002	r.ir.	r.ir.
Hurn	862	01191	005	r.r.	r.
Manston	797	00210	007	+	+
Gatwick	776	06171	000	r.r	Rrr.r.
Kew	775	03191	000	r.	rr.rr
Heathrow	772	03191	000	d.r.	r.r.rR
Wattisham	586	00210	003	+	+
Gorleston	590				
	497		000		
Aberporth	502	00220	060	+	+
Filton	628	97210	000	+	pr.
Rhoose	715	00220	033	+	+
Hartland Point	703	00190	042		
Mount Batten	827	00220	054	+	+
St. Mawgan	817	00220	047	+	+
Scilly	804	92190	002	ir	+
Culdrose	809	00220	047	+	+
Guernsey	894	95181	000	ir.r.r.ir.	+
Elmdon	534	02161	000	r.r.r	r.r.ir.r
Cardington	559	97200	002	+	r.r.ir.
Wittering	462	17192	000	+	prtlrtlRRr
Watnall	354	06201	000	+	r.rRrr.d.d.
Shawbury	414	05171	000	r.r.d.r.rrR	r.r.rf
Finningley	360	97190	000	r.d.r.r	+
Spurn Point	396			+	fff
Leeming	257	97200	002	d.r.	+
Tynemouth	262	00160	000	ff	ff
Carlisle	222	97210	002	ir.	r.
Valley	302	92210	018	+	pr.
Ringway	334	97190	000	r.r.	r.
Squires Gate	318	03191	000	r.r.rR	ir.r
Ronaldsway	204	93171	001	id.r.-r-r.	r.
Mull of Galloway	131	01160			
Eskdalemuir	162	01171	000	d.r.d.r.rr.	r.r
Prestwick	135	05191	000	rrd.r.	dd.r.ir.
Abbotsinch	140	05191	000	drd.r.d.r.rr.	ir.rr.
Leuchars	171	97161	000	did.	d.
Dyce	091	97161	000	id.	f
Lerwick	005	00180	009	+	+
Wick	075	00160	023	+	ff
Sule Skerry	010	00160			
Cape Wrath	049	00180	040	+	+
Stornoway	026	97191	012	r0	r0
Benbecula	022	92171	000	ir.	ir.
Tiree	100	92161	000	r.rir.	r.
Aldergrove	917	97210	042	r.	+
Malin	980	0020	018		
Belmullet	976	0320	030		
Birr	965	0122	040		
Dublin	969	9720	045		
Shannon	962	0621	019		
Roches Point	952	0021	063		
Valentia	953	9321	048		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

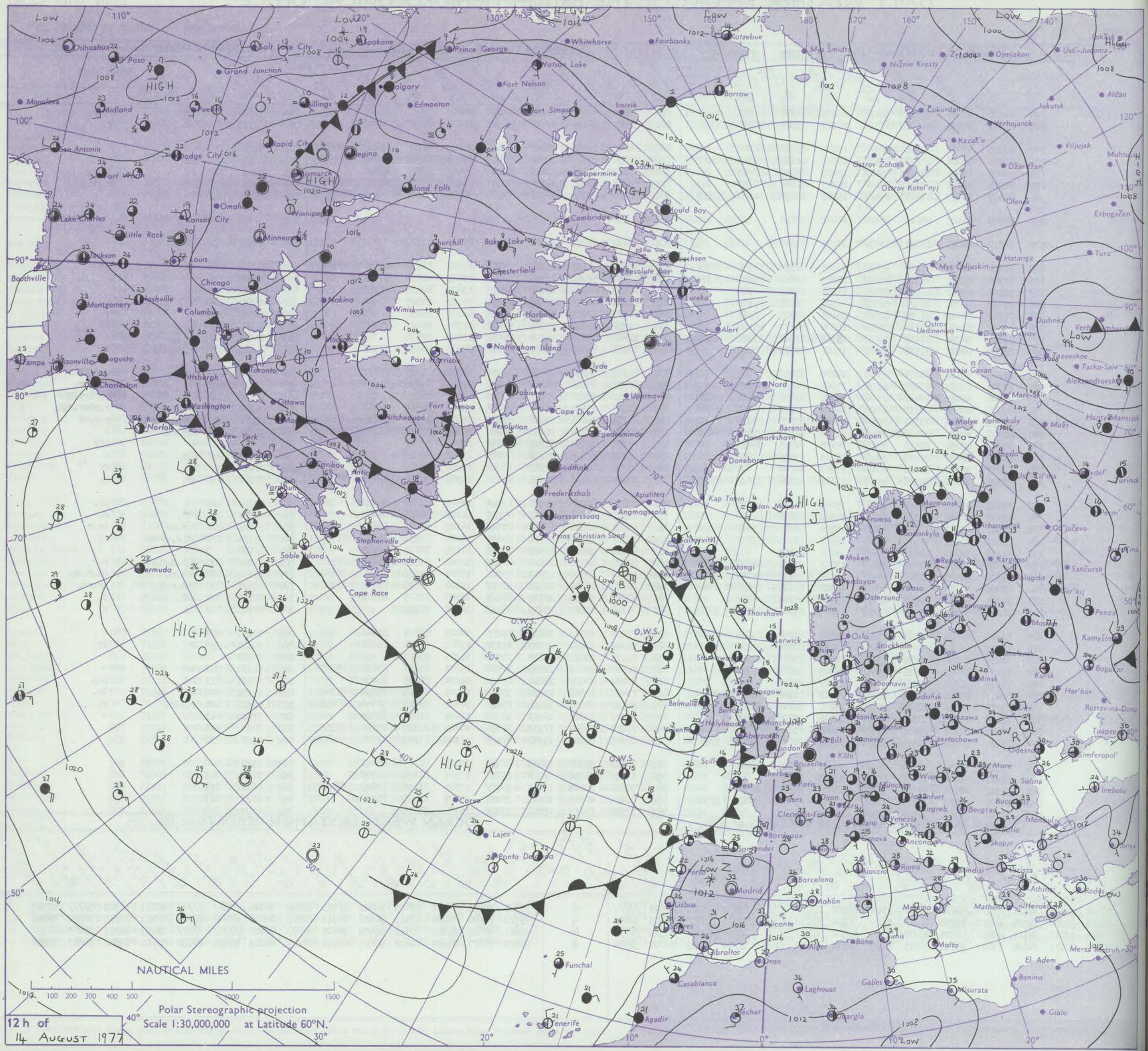
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14121	72110	98018	16812	23450	00502	/////	/////	05210	11320	30503	/////
L	99569	70200	14124	62312	98258	10013	3843/	00214	81818	83625	0//11	11382	30403	14005
M	99661	10017	14124	80816	96024	30009	862//	00302	/////	/////	05110	11047	30503	/////
R	99471	70171	14124	73610	98151	20515	795//	00214	83820	81920	0//14	11825	30000	32704

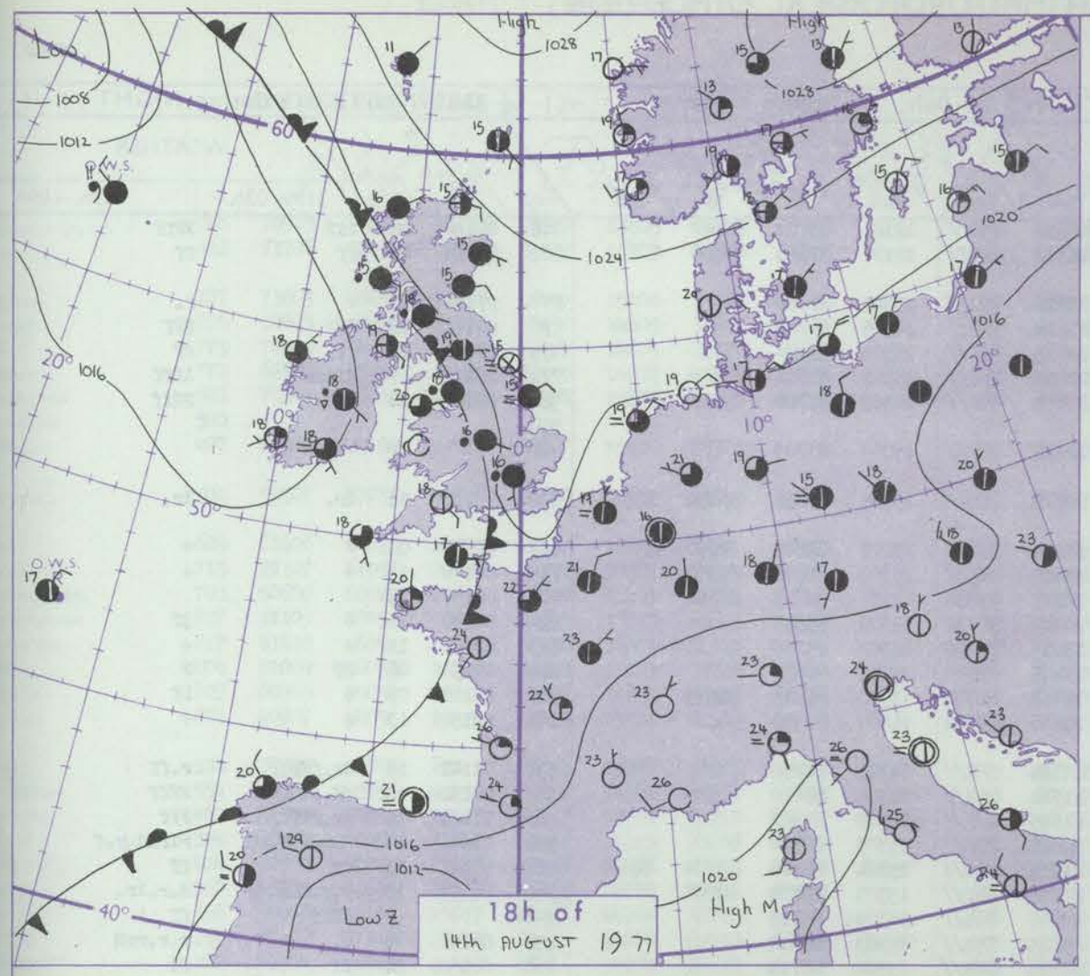
OCEAN WEATHER STATION REPORTS at 18h.

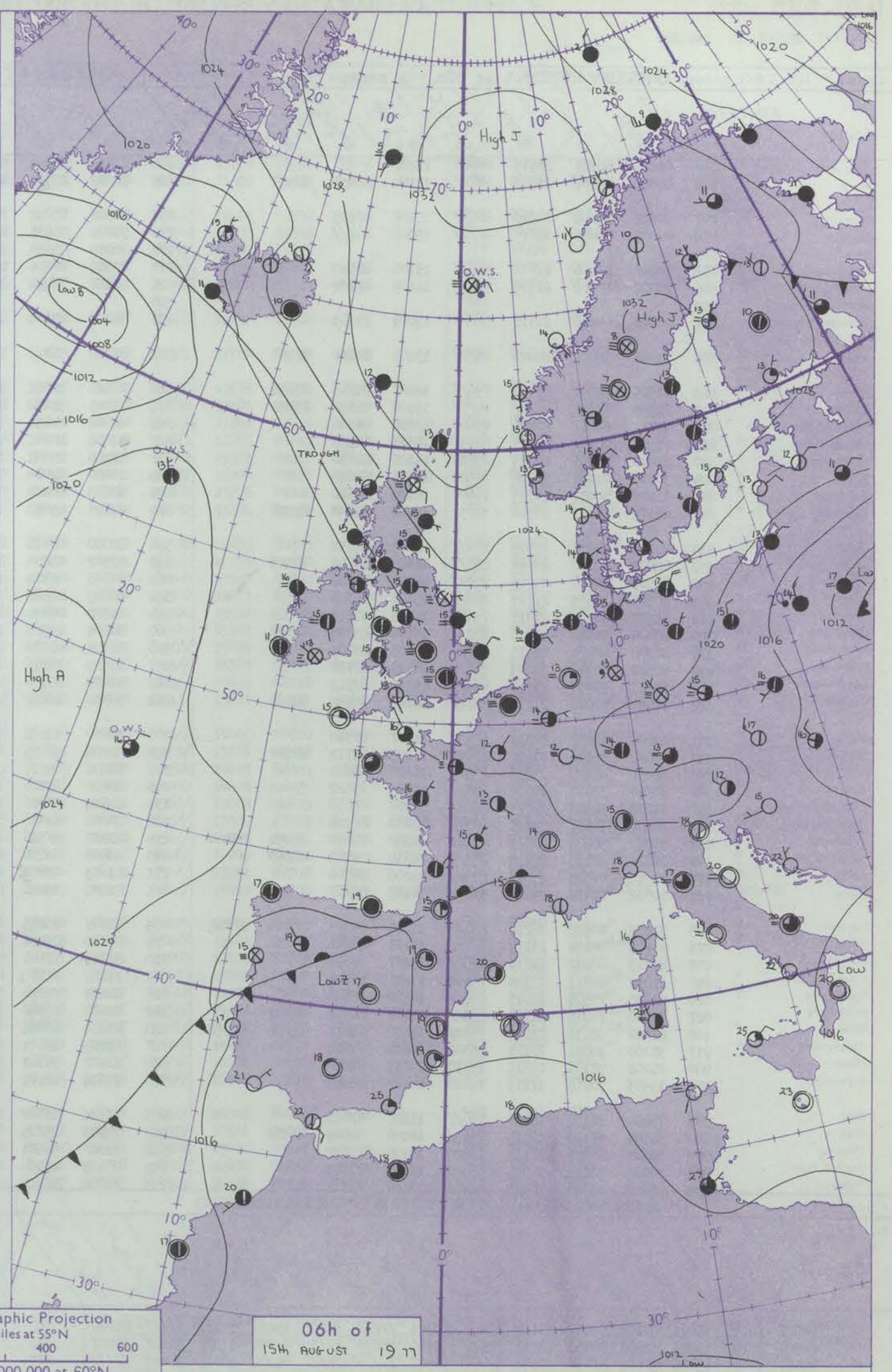
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14181	62605	98022	17513	22550	00304	/////	/////	00111	11303	3////	01703
L	99570	70200	14184	83111	96516	14011	873//	00218	85708	88712	0//11	11395	30302	16006
M	99661	10015	14184	90912	92454	30109	9////	00400	/////	/////	05109	10972	30403	/////
R	99470	70171	14184	70112	98028	21116	785//	00203	81820	87650	0//12	11846	30301	29804

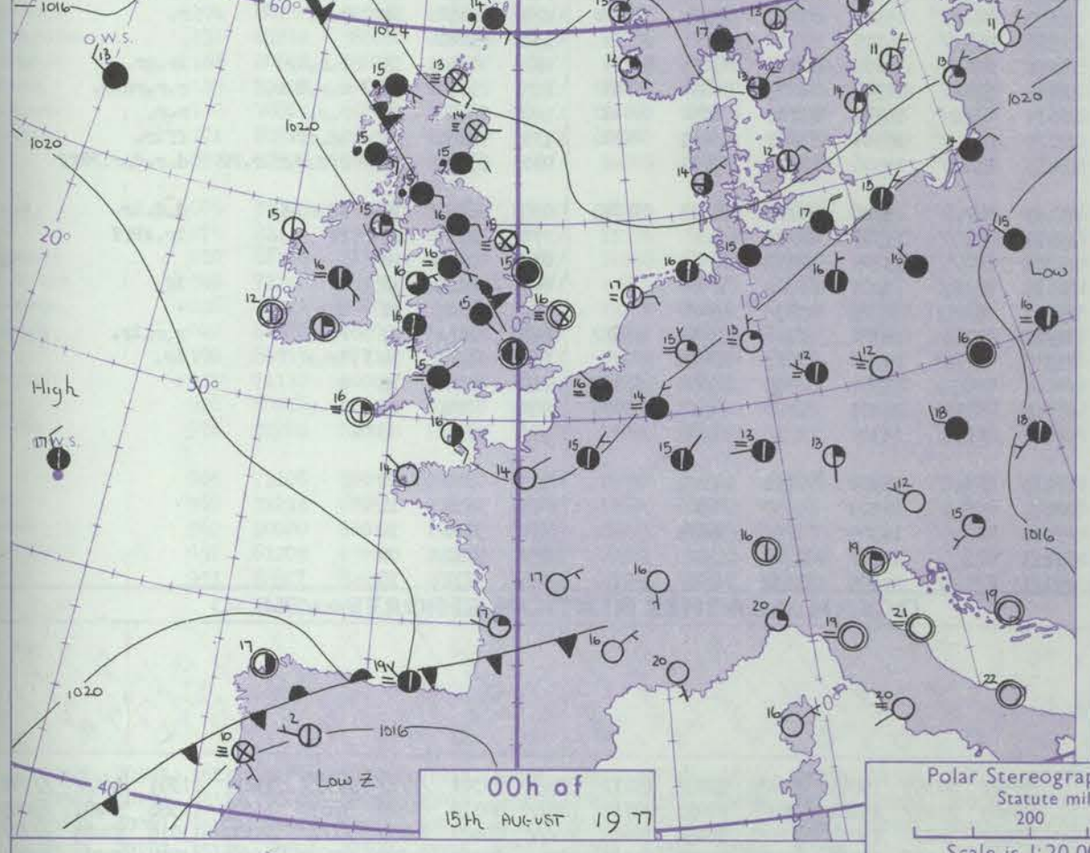
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 15 AUGUST 1977

A low has been slow-moving southwest of Iceland with an associated frontal trough slow-moving over the British Isles. Ridges of high pressure have persisted northwards from the Azores area and southwards from the Norwegian Sea. During the next 24 hours little change is expected in the overall pressure pattern. The low near Iceland will slowly fill with little movement and the trough over the British Isles will steadily weaken.

Code F.M 11.V

OBSERVATIONS at 00h. 15 AUGUST 1977

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	01202	40101	21513	00900	13207			
Hurn	862	60000	35101	21213	4573/	13104	84650	86359	
Manston	797	80802	24102	21316	862//	15107	88703		
Gatwick	776	90000	00456	21715	9////	15006	89///		
Kew	775								
Heathrow	772	70000	27406	21716	756//	15106	82640	87657	
Honington	586	70902	20102	21515	761//	14105	87702		
Wattisham	590								
Gorleston	497	90000	04454	21916	9////	15004	89/03		
Aberporth	502	71805	50051	20416	4577/	15109	84650	87360	
Filton	628	71505	50052	21116	756//	14107	81645	87656	
Rhoose	715	71505	64031	20717	2577/	15108	82656	87359	
Hartland Point	703	41712	66011	20216	45600	13208	84640		
Mount Batten	827	61107	40101	20415	60931	14003	86359		
St. Mawgan	817	21410	45051	20015	25700	14106	82650		
Scilly	804	30000	01444	19916	35500	16106	83620		
Culdrose	809	11205	50051	19915	15600	14105	81640		
Guernsey	894	41312	56011	20516	15732	15104	81650	83359	
Elmdon	534	81301	12216	21515	874//	15105	88712		
Cardington	559	82802	20106	21814	862//	14209	84705	88713	
Wittering	462	80505	10109	21615	860//	15207	88701		
Watnall	354	80505	20615	21915	862//	15106	88703		
Shawbury	414	71303	10106	21015	754//	14105	82710	87622	
Finningley	360	80604	56602	22015	862//	15104	83704	88708	
Spurn Point	396	80000	40284	22815	862//	15206	88705		
Leeming	257	80502	60042	23215	864//	14109	88710		
Tynemouth	262	81108	39104	23915	864//	15210	88712		
Carlisle	222	80909	50046	21816	3572/	14105	83656	88460	
Valley	302	60706	62032	20316	6093/	14107	86360		
Ringway	334	80808	35616	21616	4742/	16005	83712	88540	
Squires Gate	318	81007	40106	21316	855//	16106	88620		
Ronaldsway	204	80710	30612	20616	855//	15305	83622	88648	
Mull of Galloway	131	81210	58028	20815	856//	14205	88630		
Eskdalemuir	162	80602	58616	23214	873//	13210	88708		
Prestwick	135	81011	58606	21815	6562/	14208	82630	85650	88460
Abbotsinch	140	80808	57616	22415	853//	14210	82708	88650	
Leuchars	171	80911	04505	23915	870//	15206	88700		
Dyce	091	90902	02474	24914	9////	14108	89///		
Lerwick	005	81212	40502	28214	852//	13205	83703	85714	88645
Wick	075	91209	08434	25213	9////	13107	89/01		
Sule Skerry	010	81115	66032	24714	855//	13207	88620		
Cape Wrath	049	21812	80011	23314	25500	13207	82625		
Stornoway	026	81106	75506	22615	856//	14206	88630		
Benbecula	022	81208	70616	21915	854//	14109	81712	88627	
Tiree	100	81014	58636	21215	5542/	14108	81617	85630	88458
Aldergrove	917	31109	30041	20115	35300	14208	82706		
Malin	980	21208	57101	19815	15730	14213	81650		
Belmullet	976	11503	70018	17215	15600	14207	81642		
Birr	965	71404	56108	18216	756//	15107	87638		
Dublin	969	61104	57102	19615	2563/	14106	82645	86360	
Shannon	962	12604	70019	18115	13500	14109	81922		
Roches Point	952	30000	56101	18515	36400	15109	83713		
Valentia	953	10000	70020	18512	12400	11109	81818		

OBSERVATIONS at 06h. 15 AUGUST 1977

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	73402	05444	21312	750//	12101	83701	87650	
Hurn	862	70202	12184	21312	1577/	12101	81650	87359	
Manston	797	70302	40052	21316	757//	15302	87656		
Gatwick	776	90000	00474	21814	9////	14305	89/00		
Kew	775	90000	02454	22115	9////	15303	89///		
Heathrow	772	70000	07424	21915	752//	15305	83704	87656	
Honington	586	80102	06424	21714	860//	14303	88700		
Wattisham	590								
Gorleston	497	80308	44104	22016	862//	15304	88703		
Aberporth	502	71608	56212	20715	7567/	15305	82630	86650	87360
Filton	628	72103	30051	21214	756//	13203	82645	87656	
Rhoose	715	71005	32102	20815	5633/	15305	85706	87360	
Hartland Point	703	60908	64031	20215	42530	13101	84825	86360	
Mount Batten	827	41006	40101	20214	30931	14500	83359		
St. Mawgan	817	51106	20101	19915	55700	14302	85650		
Scilly	804	20000	62024	19415	25500	15705	82628		
Culdrose	809	60605	00464	19713	68400	13500	82818	84635	
Guernsey	894	61406	43051	20216	45632	15500	84640		
Elmdon	534	80000	06426	21814	857//	14303	88650		
Cardington	559	71502	03424	21914	757//	14304	87650		
Wittering	462	90703	00474	21915	9////	15305	89///		
Watnall	354	80605	08586	22015	860//	15303	88700		
Shawbury	414	81302	06444	21315	860//	15304	82700	83704	88707
Finningley	360	80604	22586	22215	862//	15303	85704	88707	
Spurn Point	396	80605	40102	22915	864//	14304	88715		
Leeming	257	83602	40216	23215	854//	15303	88614		
Tynemouth	262	81009	39104	24015	864//	15302	88714		
Carlisle	222	70906	40212	22215	5547/	14302	82710	84616	87360
Valley	302	70000	50052	20815	1558/	14303	81625	86360	
Ringway	334	70805	58216	21815	6547/	14301	81710	86650	87360
Squires Gate	318	71006	35216	21615	754//	15302	86618	86640	
Ronaldsway	204	80810	25106	21115	861//	15305	81702	83703	88704
Mull of Galloway	131	81412	57616	21515	864//	14305	88710		
Eskdalemuir	162	80606	62026	23214	854//	13202	86710	88625	
Prestwick	135	81005	57586	22215	5567/	14304	81635	84650	88460
Abbotsinch	140	80808	50616	22615	6542/	15301	81712	86650	88460
Leuchars	171	81013	40605	24115	861//	15304	83702	85703	88706
Dyce	091	81106	20286	25415	860//	15306	83700	88701	
Lerwick	005	71409	60035	29113	753//	13306	81708	84625	87645
Wick	075	91110	01456	25813	9////	13302	89/00		
Sule Skerry	010	81116	57101	25313	864//	13208	88710		
Cape Wrath	049	71408	74011	24015	4557/	13204	84620	87360	
Stornoway	026	60204	75015	23214	35632	14203	83635	85070	
Benbecula	022	80908	66216	22414	853//	14304	81706	83614	88622
Tiree	100	81114	60056	21515	7552/	14302	87627	88458	
Aldergrove	917	50705	18111	20714	35232	13301	82705	83640	85360
Malin	980	71707	58101	19916	58532	14303	82820	84648	85075
Belmullet	976	71606	62101	18416	754//	15309	81718	87638	
Birr	965	71701	24102	19115	764//	14306	86711	87636	
Dublin	969	70906	25216	20115	5573/	14304	85650	86360	
Shannon	962	72202	56401	19214	781//	14305	81702	86635	
Roches Point	952	93105	04434	19213	9////	13307	89/00		
Valentia	953	70000	81021	19111	756//	11305	87632		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00120	08	ifF	FFff
Hurn	862	97110	09	ff	ff
Manston	797	97150	13	+	r.
Gatwick	776	00141	12	fFF	FFf
Kew	775	97121	09	ff	ff
Heathrow	772	00151	11	jfifF	ifff
Honington	586	00140	14	ffF	FFff
Wattisham	590				
Gorleston	497				
Aberporth	502	97150	12	ir.	ir.
Filton	628	00130	08	+	+
Rhoose	715	00140	11	+	+
Hartland Point	703	00130	12		
Mount Batten	827	00140	11	+	jf
St. Mawgan	817	00140	12	+	+
Scilly	804	00151	08	FF	F
Culdrose	809	00110	09	+	Ff
Guernsey	894	00151	13	+	+
Elmdon	534	91141	13	ir.ffr.r.	r.ff
Cardington	559	00130	10	ff	FFff
Wittering	462	91141	15	rr.fFF	FFf
Watnall	354	12141	14	d.r.r.r.rR	rir.d.r.f
Shawbury	414	00141	13	ff	ff
Finningley	360	01151	13	r.r.d.r.dr	d.r.ir.
Spurn Point	396			FFff	ff
Leeming	257	05151	14	r.	r.r.rrR
Tynemouth	262	00150	14	ff	ff
Carlisle	222	97140	12	ir.	ir.
Valley	302	00140	12	+	+
Ringway	334	04151	14	r.r.R	r.r.r
Squires Gate	318	01151	14	r.r	r.r.r
Ronaldsway	204	92150	14	r.r.	r.
Mull of Galloway	131	01141			
Eskdalemuir	162	91141	13	r.r.ir.	ir.pr.
Prestwick	135	01151	13	r.r.d.r.	r.r.rd.r.
Abbotsinch	140	02151	14	r.r.	r.r.
Leuchars	171	92151	15	id.ff	ffir.
Dyce	091	95141	14	fFd.r.d.r.FF	d.r.d.r.FFff
Lerwick	005	96121	13	id.d.d.	d.d.ir.
Wick	075	92131	12	ff	ir.FFff
Sule Skerry	010	00110	10		
Cape Wrath	049	00120	12	+	if
Stornoway	026	97141	11	d.	+
Benbecula	022	02141	13	r.r.	r.r.ir.
Tiree	100	01151	14	ir.r	ir.
Aldergrove	917	00140	11	+	+
Malin	980	0014	11		
Belmullet	976	9712	08		
Birr	965	9214	12		
Dublin	969	9614	11		
Shannon	962	9714	12		
Roches Point	952	9712	09		
Valentia	953	9711	10		

Code FM 21.V

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15001	80102	97028	19112	834//	00109	/////	/////	05212	11321	3////	01/02
L	99569	70199	15004	82809	98036	18512	856//	00220	88635	/////	0//09	11387	30302	28007
M	99661	10011	15004	90912	92454	30608	9////	00303	/////	/////	05209	10975	30403	/////
R	99471	70169	15004	73410	98032	23116	785//	00107	82820	87645	0//11	11848	30000	32804

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15061	83604	98028	19212	855//	00301	/////	/////	05211	11301	3////	///02
L	99569	70199	15064	73407	98031	20712	785//	00312	81820	87630	0//07	11386	30201	28005
M	99662	10010	15064	90810	92454	30608	9////	00400	/////	/////	05309	11016	30403	/////
R	99471	70168	15064	60109	98031	22116	38542	00500	81820	83645	0//11	11854	30000	32804

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42271

Date of Issue TUESDAY 16 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 15 AUGUST 1977

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	70903	64024	21120	785//	13805	81825	87657	
Hurn	862	71706	56052	21720	3143/	16703	83814	87358	
Manston	797	73605	48056	21919	4643/	15000	83712	87358	
Gatwick	776	60603	58044	21622	58630	14805	82830	83656	
Kew	775	70000	58054	21920	785//	14805	83820	87656	
Heathrow	772	62703	35054	21620	68400	16807	83818	85656	
Honington	586	70102	56054	21820	785/1	14801	85824	85630	
Wattisham	590								
Gorleston	497	80307	20102	22616	861//	15400	88702		
Aberporth	502	50507	57051	20920	58630	15602	83840	83656	
Filton	628	61606	60032	21522	2253/	12803	82825	86360	
Rhoose	715	21107	61051	21221	28530	14801	81825		
Hartland Point	703	50608	62022	20618	22630	15801	82830	85360	
Mount Batten	827	31109	58051	20022	12580	15803	81825	83358	
St. Mawgan	817	41410	56051	20120	38430	16801	82814		
Scilly	804	51004	56051	20422	32508	18001	83820	85275	
Culdrose	809	60810	35054	20019	62300	17801	81709	86818	
Guernsey	894	40907	58051	20421	10932	15801	81362	84075	
Elmdon	534	70702	58044	22119	68431	15801	83815	83622	
Cardington	559	70506	45054	22220	785//	15804	84820	87625	
Wittering	462	81302	56054	22718	854//	14500	81710	84712	88620
Watnall	354	80502	50056	22917	853//	15103	83709	88614	
Shawbury	414	80806	50044	21818	884//	15801	81712	84818	88650
Finningley	360	80705	62036	22818	884//	14000	84816	88623	
Spurn Point	396	80000	16104	23617	863//	15000	88708		
Leeming	257	80302	57216	23818	854//	15000	82710	85622	88650
Tynemouth	262	80504	56022	25315	855//	15104	88620		
Carlisle	222	70811	64016	23518	5857/	15104	81827	85656	87362
Valley	302	73102	56042	21720	2243/	15102	82816	87361	
Ringway	334	70907	58026	22719	784//	15101	81818	87650	
Squires Gate	318	81109	62032	22619	854//	16002	81712	85618	88635
Ronaldsway	204	80712	59046	22517	863//	15105	81708	88711	
Mull of Galloway	131	81212	58606	23015	864//	15206	88710		
Eskdalemuir	162	80608	65018	24216	884//	13303	82712	83822	85640
Prestwick	135	81309	60026	23319	3557/	15002	81620	83640	88460
Abbotsinch	140	70811	60046	23719	784//	14102	83818	85632	87640
Leuchars	171	80911	59056	26015	862//	14106	84704	86709	88712
Dyce	091	80907	50052	26916	862//	14205	85704	88706	
Lerwick	005	31108	80026	30517	38400	14103	81812	83656	
Wick	075	81111	15514	27614	870//	13106	82701	84702	88703
Sule Skerry	010	61118	57054	27016	3557/	14106	83620	86360	
Cape Wrath	049	71210	70154	25217	785//	12801	84820	87635	
Stornoway	026	71411	70022	24619	18578	15203	81824	83464	86272
Benbecula	022	81506	68606	23916	6547/	15206	86618	83360	88464
Tiree	100	81313	57216	23316	6567/	15205	86630	88459	
Aldergrove	917	71110	30042	22018	4533/	15105	82708	83714	87360
Malin	980	60918	40102	21616	657//	14205	86650		
Belmullet	976	32706	81018	20119	38500	15205	83820		
Birr	965	71206	59052	19821	785//	15802	86824	84636	
Dublin	969	31212	62051	20620	28580	14801	81822		
Shannon	962	20000	80011	19819	22502	14703	82825		
Roches Point	952	61203	05414	20016	22501	14701	82820	86074	
Valentia	953	62807	82012	20217	48502	15303	83822	84070	

OBSERVATIONS at 18h. 15 AUGUST 1977

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	60204	65022	19921	38631	13605	81830	83656	
Hurn	862	41706	60031	20419	10931	14505	81358	83075	
Manston	797	60507	25052	21017	651//	16603	83702	85656	
Gatwick	776	41006	56041	20621	48500	14503	82826		
Kew	775	60000	45058	20921	657//	15704	86656		
Heathrow	772	61003	45052	20521	685/1	15705	81828	85656	
Honington	586	80706	45258	21119	854//	16000	81710	88650	
Wattisham	590								
Gorleston	497	90408	08454	22217	9////	16702	89/02		
Aberporth	502	70707	50051	20219	735//	17704	84920	87830	
Filton	628	41008	61031	20022	18530	13605	81825	83359	
Rhoose	715	31206	62050	19922	38600	15505	81840	83650	
Hartland Point	703	70000	62022	20020	3857/	15301	82820	83640	87360
Mount Batten	827	71109	58051	19420	14671	15603	81645	84360	85075
St. Mawgan	817	61209	57051	19319	35702	15502	83650	86075	
Scilly	804	70000	40052	19419	5857/	16806	82820	84623	87460
Culdrose	809	60809	25052	19117	26332	15706	81708	85075	
Guernsey	894	70610	56051	19119	10932	15806	81363	87075	
Elmdon	534	30702	59048	21119	28530	14605	81825		
Cardington	559	60909	40041	20921	685//	14604	85820		
Wittering	462	50408	56058	21818	31502	15500	83822	84075	
Watnall	354	50510	60041	21720	58500	14603	83828	83640	
Shawbury	414	20908	50041	20921	21500	15502	82825		
Finningley	360	10810	60041	22319	11470	15301	81818		
Spurn Point	396	90710	08434	23515	9////	15801	89/00		
Leeming	257	80509	57048	23718	854//	15303	81712	84616	88640
Tynemouth	262	81012	23258	25215	864//	15601	88712		
Carlisle	222	80910	62022	22918	854//	15601	81717	85640	88650
Valley	302	70707	50048	20820	755//	16005	81620	87650	
Ringway	334	71007	50042	21720	7093/	13606	87358		
Squires Gate	318	40803	60028	21720	48500	16605	82825	83640	
Ronaldsway	204	00712	61021	21818	00900	14803			
Mull of Galloway	131	71014	66026	22416	4563/	15803	84635	87360	
Eskdalemuir	162	70508	68012	24016	785//	13500	83825	83635	87645
Prestwick	135	70807	63052	23418	4567/	14301	81635	84645	87360
Abbotsinch	140	70712	65058	24217	5847/	14205	82714	84645	87360
Leuchars	171	80711	14406	26115	860//	15201	82700	88701	
Dyce	091	81103	14055	27115	860//	15000	81700	87701	88702
Lerwick	005	10906	70020	30716	16200	14601	81705		
Wick	075	81209	62055	28014	854//	13101	82710	88618	
Sule Skerry	010	21116	64011	27715	25500	13202	82625		
Cape Wrath	049	30912	82011	26218	22530	15207	82820	83360	
Stornoway	026	70707	80022	25017	35612	13202	83635	84464	
Benbecula	022	81003	68026	24217	3557/	14202	83625	85360	88465
Tiree	100	81110	61052	23417	5567/	14400	85645	88359	
Aldergrove	917	61009	50042	21818	654//	14400	82712	83616	85634
Malin	980	50919	57101	21616	4573/	14102	84650	83359	
Belmullet	976	73605	60808	20216	734//	16301	82716	85920	86640
Birr	965	71404	62028	19519	785//	16502	84822	86636	
Dublin	969	10808	57050	20719	11531	14301	81824		
Shannon	962	70000	82031	18921	58502	13500	85827	85070	
Roches Point	952	71404	82034	19718	28501	14602	81822	86074	
Valentia	953	52905	82022	19718	48501	14000	81824	83637	

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00220	015	+	+
Hurn	862	00220	061	+	+
Manston	797	00210	017	+	ff
Gatwick	776	00220	033	+	+
Kew	775	97210	019	pr.	+
Heathrow	772	00221	002	f	+
Honington	586	91220	006	pr.	pr.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	01211	087	+	pr.pR
Filton	628	00240	053	+	+
Rhoose	715	00240	080	+	+
Hartland Point	703	00210	052		
Mount Batten	827	00230	093	+	+
St. Mawgan	817	00220	082	+	+
Scilly	804	00230	077	+	+
Culdrose	809	00210	068	+	+
Guernsey	894	00230	093	+	+
Elmdon	534	97210	013	pr.	pr.
Cardington	559	00230	040	+	+
Wittering	462	97211	008	+	pr.
Watnall	354	00211	035	+	+
Shawbury	414	00220	021	+	+
Finningley	360	97220	018	+	d.
Spurn Point	396			ff	ff
Leeming	257	97191	000	r.	pr.
Tynemouth	262	94160	000	+	pr
Carlisle	222	00200	001	+	+
Valley	302	97230	032	pr.	+
Ringway	334	91211	011	r.	+
Squires Gate	318	97211	006	+	pr.
Ronaldsway	204	00190	029	+	+
Mull of Galloway	131	91170			
Eskdalemuir	162	97181	004	pr.	pr.
Prestwick	135	97201	000	ir.id.	+
Abbotsinch	140	97191	006	pr.	+
Leuchars	171	97161	000	r.d.	r.
Dyce	091	97171	002	d.d.if	d.d.iff
Lerwick	005	00180	104	+	+
Wick	075	91161	012	d.d.	+
Sule Skerry	010	00170			
Cape Wrath	049	00190	040	jp	+
Stornoway	026	00201	045	+	+
Benbecula	022	92191	002	d.ir.	+
Tiree	100	92181	001	ir.	+
Aldergrove	917	00200	025	+	+
Malin	980	0017	042		
Belmullet	976	0220	040		
Birr	965	0221	010		
Dublin	969	0021	098		
Shannon	962	9723	072		
Roches Point	952	9720	082		
Valentia	953	9719	067		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

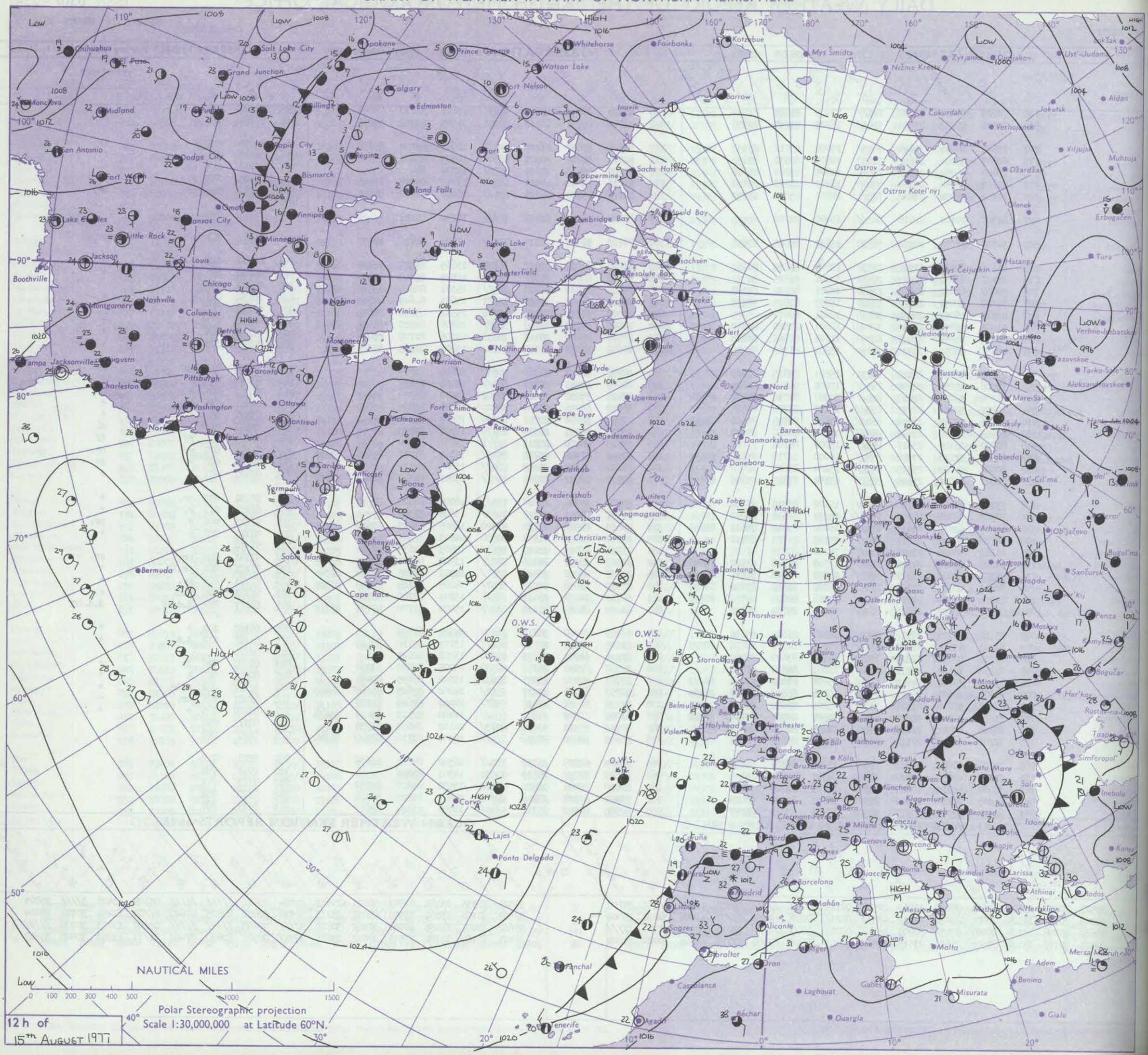
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15121	52601	98022	21912	22531	00111	/////	/////	05309	11330	3////	35703
L	99569	70198	15124	70000	98032	23013	48532	00212	82825	84635	0//07	11404	30000	28004
M	99662	10008	15124	90907	92454	30809	9////	00202	/////	/////	05010	10997	30301	/////
R	99471	70170	15124	83506	97608	23516	3257/	00203	83820	87460	0//14	11864	30000	31804

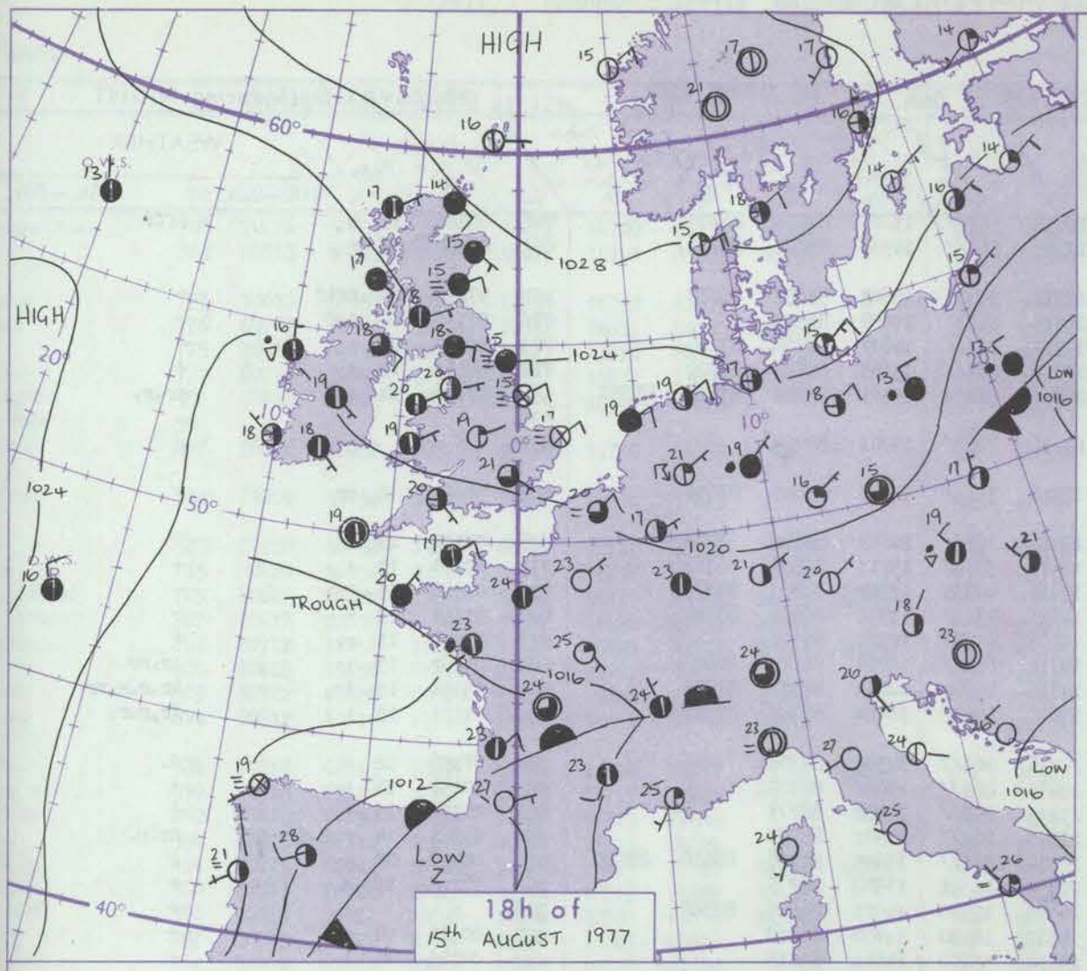
OCEAN WEATHER STATION REPORTS at 18h.

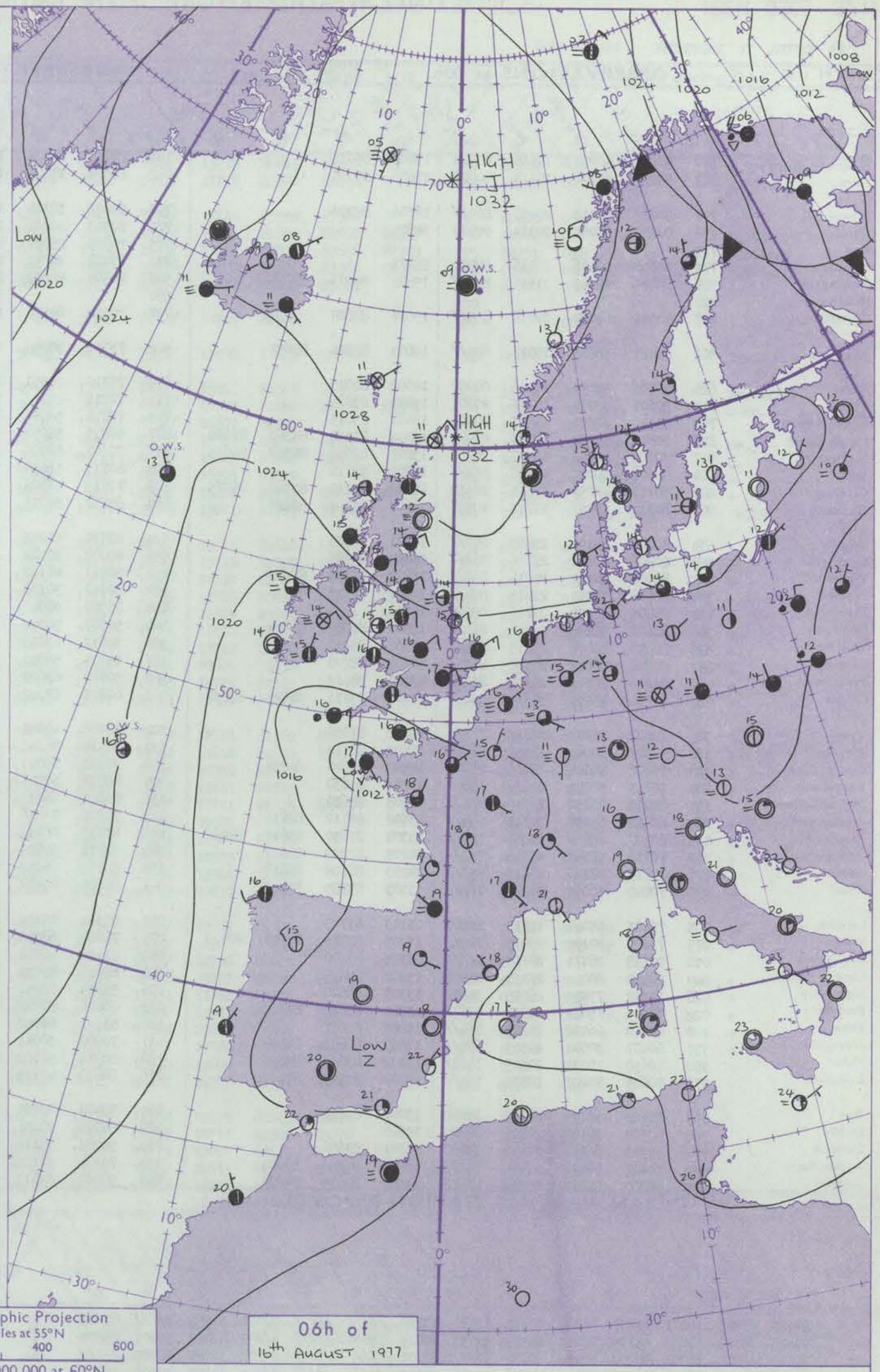
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15181	61902	98021	21613	21504	00802	/////	/////	05109	11428	3////	35803
L	99569	70198	15184	73505	98032	23213	38538	00801	82825	83640	0//08	11454	30101	28004
M	99662	10007	15184	90000	92454	30809	9////	00400	/////	/////	05209	11013	30000	/////
R	99471	70169	15184	73510	97012	23616	2857/	00301	82820	87460	0//11	11863	30000	31803

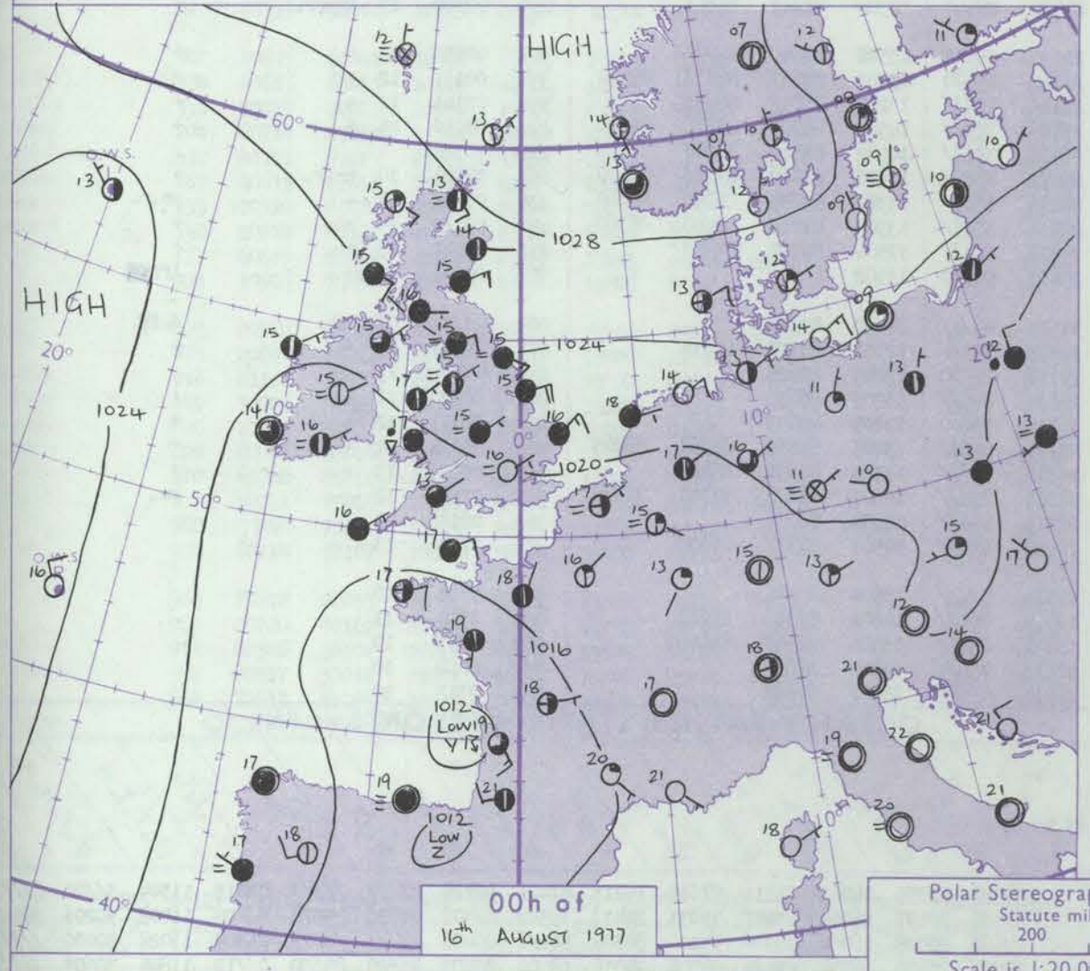
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 16 AUGUST 1977

During the past 24 hours pressure over the Norwegian Sea and Scandinavia remained high. A weak upper trough moved slowly north over Scotland. A low over Spain moved slowly north into east Biscay, intensifying a weak trough of low pressure to the west of Ireland. During the next 24 hours, the high over Norwegian Sea is expected to move slowly southwest, while the low in east Biscay moves slowly north to the Channel Islands, leaving the British Isles covered by an easterly airstream.

Code FM 11.V **OBSERVATIONS at 00h.** 16 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	50607	40052	19616	00902	13808	85075		
Hurn	862	30000	50101	19713	00901	13606	83075		
Manston	797	80407	08412	20416	860//	16706	88700		
Gatwick	776	00502	07464	20314	00900	14805			
Kew	775								
Heathrow	772	00606	20101	20716	00900	15702			
Honington	586	80405	30052	21515	862//	15802	84703	88705	
Wattisham	590								
Gorleston	497	80515	62024	22016	855//	15604	88628		
Aberporth	502	81411	56808	19917	885//	15604	82825	88657	
Filton	628	20706	50051	20116	00902	14802	82075		
Rhoose	715	30606	60010	19717	00901	15801	83075		
Hartland Point	703	31110	74031	19317	00901	12601	83075		
Mount Batten	827	70910	57052	18617	40982	13704	81358	84362	87080
St. Mawgan	817	70908	56052	18417	25732	13807	82656	84360	86075
Scilly	804	80607	50022	18216	864//	16807	88710		
Culdrose	809	70712	40052	17816	26432	14809	82710	83360	86075
Guernsey	894	80711	59052	17717	20937	13709	82362	88270	
Elmdon	534	80405	45101	21815	862//	15001	88704		
Cardington	559	80907	40102	21716	862//	16400	88705		
Wittering	462	80406	24102	22216	852//	15802	83705	88613	
Watnall	354	80508	30051	22615	854//	14801	82712	88618	
Shawbury	414	00805	48050	21716	00900	14400			
Finningley	360	80607	50105	23016	861//	15601	86702	88704	
Spurn Point	396	80818	60024	23715	864//	14801	88710		
Leeming	257	80706	56042	24516	863//	14202	88709		
Tynemouth	262	81010	56102	26115	854//	15204	88618		
Carlisle	222	80710	45106	24315	854//	15206	83711	86625	88637
Valley	302	70607	30042	20817	757//	14702	87650		
Ringway	334	50907	50041	22316	56400	14803	85714		
Squires Gate	318	70806	40101	22615	756//	14400	82640	86656	
Ronaldsway	204	10713	50041	22216	15600	14102	81630		
Mull of Galloway	131	81015	60032	22915	856//	15203	88630		
Eskdalemuir	162	80410	65038	25314	854//	13102	85712	88630	
Prestwick	135	80907	65052	24216	5567/	13304	81630	85645	88460
Abbotsinch	140	70910	56042	25016	753//	14205	81709	86628	
Leuchars	171	80813	57216	27015	853//	14203	86708	88618	
Dyce	091	70802	50055	28214	762//	13103	83705	87713	
Lerwick	005	10403	65020	31913	16200	13103	81703		
Wick	075	71209	40102	29013	76 2//	13205	82703	84709	87713
Sule Skerry	010	91118	06471	28713	9////	13303	89/00		
Cape Wrath	049	20910	80011	27113	25500	13202	82625		
Stornoway	026	31110	75011	26015	35600	13305	83640		
Benbecula	022	71505	75022	24914	5567/	13203	85630	87360	
Tiree	100	81010	66032	24215	856//	13203	88637		
Aldergrove	917	60407	30041	22315	655//	13000	82620	84628	
Malin	980	70610	70031	22415	7563/	13102	85635	84650	
Belmullet	976	70605	70208	20315	754//	15500	81717	87637	
Birr	965	10702	32108	20115	15600	13000	81636		
Dublin	969	00505	25104	20815	00900	14605			
Shannon	962	31303	66011	19415	35700	15801	83656		
Roches Point	952	70607	50102	19416	763//	14505	84706	87643	
Valentia	953	60000	84012	19814	45602	13500	84635	84070	

OBSERVATIONS at 06h. 16 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	70612	22284	18015	762//	13707	83704	86705	
Hurn	862	80508	15101	17615	861//	14708	85702	88706	
Manston	797	60407	18104	18717	35808	16603	83657	86270	
Gatwick	776	60502	10104	18515	6093/	15609	86358		
Kew	775	70709	25052	19317	763//	14607	84708	87710	
Heathrow	772	80408	22051	19017	863//	15608	84707	88709	
Honington	586	70506	44802	20316	52232	15501	83704	83820	85363
Wattisham	590								
Gorleston	497	80514	60026	20916	8062/	15101	88455		
Aberporth	502	71011	50058	18516	756//	14706	82645	87656	
Filton	628	70710	22051	18416	762//	14610	84704	86708	
Rhoose	715	70711	25051	17616	5633/	15711	85708	86362	
Hartland Point	703	70716	58051	15916	40938	13719	84360	87275	
Mount Batten	827	60815	56052	14917	4573/	13716	84656	83359	
St. Mawgan	817	70707	62026	15115	6587/	12721	86657		
Scilly	804	80713	56636	14716	884//	15719	84710	86620	
Culdrose	809	70713	57606	14316	45702	14619	84650	87075	
Guernsey	894	80812	30216	14616	4562/	16614	84645	87460	
Elmdon	534	80510	42042	20416	863//	14504	88706		
Cardington	559	80908	30102	20416	863//	15602	88707		
Wittering	462	80511	40102	21215	862//	14502	88703		
Watnall	354	80510	30106	21814	862//	14501	88703		
Shawbury	414	80508	28041	20516	854//	15605	82710	86616	88645
Finningley	360	50307	50042	22514	46381	13500	84707		
Spurn Point	396	30612	63011	22815	15570	14501	81625	83360	
Leeming	257	13305	58041	24512	18430	11400	81812		
Tynemouth	262	50610	69022	25914	55400	14601	85618		
Carlisle	222	60709	67012	24414	28540	12304	82823	85362	
Valley	302	50708	45041	20115	25602	13502	82640	84075	
Ringway	334	60510	35041	21715	65300	13501	82709	84712	85620
Squires Gate	318	70812	65011	22115	784//	13202	85712	85650	
Ronaldsway	204	70817	62041	21716	783//	14500	81709	84816	86640
Mull of Galloway	131	81020	66032	22415	3561/	14502	83630	88460	
Eskdalemuir	162	70507	75016	25812	784//	10306	81710	83820	87650
Prestwick	135	80810	65218	24115	6567/	13302	81635	86650	88460
Abbotsinch	140	70712	59052	25115	3543/	13305	81712	83650	86360
Leuchars	171	60712	65012	27314	683//	12304	83707	85820	
Dyce	091	00000	05461	28412	00900	11302			
Lerwick	005	90311	01454	31511	9////	11400	89/00		
Wick	075	71009	68052	29313	753//	12301	83707	87614	
Sule Skerry	010	21116	66014	29113	25500	12205	82625		
Cape Wrath	049	60916	82031	27514	656//	13205	86630		
Stornoway	026	51210	66051	26314	55600	13305	85645		
Benbecula	022	80606	80022	25114	6567/	13205	86635	84362	88465
Tiree	100	81111	64042	24315	6577/	13305	85656	88462	
Aldergrove	917	70809	30041	22015	753//	14301	83706	85710	87645
Malin	980	80918	58102	22315	856//	14302	88635		
Belmullet	976	60810	40105	19915	654//	14501	81717	86638	
Birr	965	90409	02434	19314	9////	13504	89/02		
Dublin	969	80910	18101	19915	862//	14502	87703	88710	
Shannon	962	50101	35111	18414	25602	13506	82640	84070	
Roches Point	952	70104	30102	16815	756//	14510	87638		
Valentia	953	50000	84011	17514	45602	13807	84632		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00140	11	+	ifff
Hurn	862	00120	09	+	+
Manston	797	97150	14	ff1f	+
Gatwick	776	97130	10	iff	+
Kew	775	00130	08	+	+
Heathrow	772	00161	13	+	+
Honington	586	97150	14	+	pr.r.
Wattisham	590				
Gorleston	497				
Aberporth	502	94161	12	pr.	+
Filton	628	00150	13	+	+
Rhoose	715	00150	13	+	+
Hartland Point	703	00150	15		
Mount Batten	827	01151	15	+	r
St. Mawgan	817	97150	13	r.	+
Scilly	804	03162	13	+	ir.rr
Culdrose	809	95151	15	ir.	ir.r.r.rr
Guernsey	894	01161	15	+	ir.r.r.
Elmdon	534	97150	12	+	d.
Cardington	559	00150	14	+	+
Wittering	462	00151	15	+	+
Watnall	354	01141	14	d.d.d.r.Rff	Rrir.
Shawbury	414	00130	08	+	+
Finningley	360	97140	13	d.	+
Spurn Point	396			+	+
Leeming	257	00110	08	+	+
Tynemouth	262	00140	12	+	+
Carlisle	222	92140	13	ir.rr.	+
Valley	302	00150	13	+	+
Ringway	334	00151	12	+	+
Squires Gate	318	00141	12	+	+
Ronaldsway	204	00150	14	+	+
Mull of Galloway	131	00140			
Eskdalemuir	162	97121	10	pr.r.	+
Prestwick	135	92151	14	+	pr.r.
Abbotsinch	140	00150	14	+	+
Leuchars	171	97140	13	ir.	+
Dyce	091	00111	06	+	iff
Lerwick	005	91101	07	1F	d.FF
Wick	075	00121	09	+	+
Sule Skerry	010	00110	11		
Cape Wrath	049	00120	12	+	+
Stornoway	026	00141	12	+	+
Benbecula	022	00121	11	+	+
Tiree	100	00151	13	+	+
Aldergrove	917	97140	12	+	pr.
Malin	980	0015	13		
Belmullet	976	9714	13		
Birr	965	9712	10		
Dublin	969	9714	11		
Shannon	962	9713	10		
Roches Point	952	0014	10		
Valentia	953	9712	10		

Code FM 21.V **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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16001	61407	98021	20613	11531	00708	/////	/////	00011	11355	3////	03/03
L	99568	70198	16004	43105	98011	24312	35630	00003	83630	/////	0//09	11427	30201	28803
M	99662	10008	16004	90000	92454	30809	9////	00400	/////	/////	05209	11020	30000	/////
R	99470	70170	16004	03512	98011	24516	00900	00002	/////	/////	0//11	11850	30000	31803

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16061	81211	97615	15213	8742/	00728	/////	/////	00013	11344	3//04	/////
L	99568	70197	16064	63407	99031	24412	18542	00302	81820	85078	0//08	11408	30201	29803
M	99662	10008	16064	80000	95104	30708	862//	00400	/////	/////	05309	11028	30000	/////
R	99470	70170	16064	53414	98038	24016	58500	00400	81820	85650	0//12	11844	30603	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42272

Date of Issue WEDNESDAY 17 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 16 AUGUST 1977

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	70816	50052	15219	4548/	14720	84617	86358	
Hurn	862	80913	48602	14621	5547/	15720	85615	88358	
Manston	797	10616	50051	17020	11430	15712	81813		
Gatwick	776	60717	57042	16221	2263/	14817	82830	85360	
Kew	775	70913	57052	17021	785//	13816	84828	87656	
Heathrow	772	60715	56052	16723	5853/	15817	83828	83650	
Honington	586	50712	75038	18721	42501	12708	84828		
Wattisham	590								
Gorleston	497	50620	58052	19816	50970	14710	85358		
Aberporth	502	71014	58052	16219	784//	14618	87818		
Filton	628	80720	50052	15620	6632/	14722	86709	88462	
Rhoose	715	80820	56052	14719	3541/	15722	83616	88462	
Hartland Point	703	80622	60808	13517	5532/	15711	83706	85640	88460
Mount Batten	827	80917	20636	11317	5737/	16826	85709	88460	
St. Mawgan	817	80712	12656	11216	853//	15823	82707	86710	88630
Scilly	804	80418	15656	07915	870//	15751	88701		
Culdrose	809	80722	07656	09815	5712/	15830	85702	88508	
Guernsey	894	80812	10616	11916	852//	16816	83703	87640	
Elmdon	534	70615	62015	18219	42456	13816	84817	83358	86075
Cardington	559	71113	63022	17922	685/2	13717	82820	85823	
Wittering	462	70615	70032	19119	724//	14813	87818		
Watnall	354	50515	68012	19619	48501	13715	84824		
Shawbury	414	70715	62042	18619	784//	13815	81818	84824	85635
Finningley	360	70713	72021	20620	32501	12713	83828	86080	
Spurn Point	396	30615	68021	22018	12408	14705	81815	83275	
Leeming	257	50515	80021	22619	52600	10713	85830		
Tynemouth	262	31014	61021	25016	35500	15606	83620		
Carlisle	222	50715	80011	22919	52500	12714	85828		
Valley	302	20619	60041	18620	11531	13810	81820		
Ringway	334	60615	68011	20119	42502	12809	84824	84075	
Squires Gate	318	70919	80011	20921	22501	11808	82825	86075	
Ronaldsway	204	60714	65012	21318	11542	12801	81822	86075	
Mull of Galloway	131	41121	81011	21917	12501	11605	81825	84075	
Eskdalemuir	162	40615	82011	23917	42600	10810	84830		
Prestwick	135	20920	81031	23420	28500	09809	82820		
Abbotsinch	140	20814	80021	24819	21600	09808	82830		
Leuchars	171	60618	68012	27116	613//	13705	82706	85810	
Dyce	091	10909	75014	27918	11400	11806	81815		
Lerwick	005	80314	35024	30812	860//	12705	85701	88703	
Wick	075	20807	75021	29415	11430	13804	81710		
Sule Skerry	010	21111	74020	29717	25500	13102	82625		
Cape Wrath	049	10905	84021	28316	11600	13103	81830		
Stornoway	026	11213	82011	26919	18530	12001	81825		
Benbecula	022	60807	83016	25918	657//	14103	86650		
Tiree	100	61008	86012	24918	2563/	12000	82640	86362	
Aldergrove	917	50711	75018	22316	58500	10002	82820	84640	
Malin	980	71020	70102	22815	5647/	13603	82718	85640	85459
Belmullet	976	60914	57102	19820	584/2	16400	82716	83070	
Birr	965	70612	48055	18019	785/2	13808	84820	85636	
Dublin	969	80720	60102	19416	864//	12706	84715	88620	
Shannon	962	80306	50102	17217	864//	15808	86716	86640	
Roches Point	952	80517	30052	15619	5647/	14708	85715	88458	
Valentia	953	70613	59058	15919	735//	15808	83923	87640	

OBSERVATIONS at 18h. 16 AUGUST 1977

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	80511	44636	11917	6562/	15713	86645	88557	
862	80406	12919	10917	855//	17718	83620	88650	
797	70515	48051	13418	7097/	15720	83359	87360	
776	70713	56046	12718	4868/	14821	81840	84656	85359
775	70615	62606	13520	3863/	13719	81835	83656	87359
772	70716	59026	13220	35636	13720	83635	83360	86270
586	70614	64022	16118	1457/	13711	81622	87361	
590								
497	70524	60031	17317	7097/	14716	87360		
502	80909	56622	14017	1552/	15506	81625	88540	
628	80910	45652	12818	6562/	15508	86645	88557	
715	80716	38636	10717	6867/	16720	81840	86656	88358
703	80912	59218	10816	873//	16609	88708		
827	71507	20106	10617	782//	16703	83705	84708	87620
817	41413	70016	09717	42330	15002	82808	84810	
804	21818	60016	06117	28500	16301	81820		
809	71511	70026	09217	784//	15301	83712	85818	87622
894	22711	58056	11317	29303	15601	81707	81940	
534	80512	68022	15518	1457/	13711	81620	88358	
559	70915	63022	15119	5857/	13713	81825	85656	87360
462	70415	65032	16717	1158/	14710	81825	87359	
354	70714	75022	17717	11556	11706	81820	85360	87272
414	80713	65032	15819	4857/	12509	83826	85359	88462
360	40614	75012	19017	12581	10606	81820	84080	
396	40619	66030	20016	10941	13710	81360	84075	
257	30715	80011	21417	12661	09604	81830		
262	40811	69020	23615	25545	14708	82620	84360	
222	40714	80031	21717	28501	11501	81827		
302	50616	70031	16219	10932	12715	81362	85080	
334	30819	70031	17219	12642	11612	81830	83075	
318	30819	81011	18319	28501	12508	82825		
204	20619	75021	18719	12682	11611	81835		
131	50928	82031	19817	12501	10711	81825	85075	
162	20513	82021	23015	22600	09501	82830		
135	20619	77020	22419	28601	10501	81835		
140	10816	82020	23618	11600	10503	81830		
171	10614	68021	25615	11300	13506	81708		
091	10605	86010	26317	15631	09610	81630		
005	90316	00472	29212	9////	12807	89/00		
075	70309	75014	28213	753//	11708	83708	87615	
010	60913	66031	28713	655//	12708	86625		
049	60910	65401	27213	685//	13707	82820	85625	
026	20711	82020	26618	11531	11702	81825		
022	50406	87011	25118	58600	11503	81830	85645	
100	10808	87011	23819	11600	10606	81830		
917	40812	75031	20419	11601	09706	81830	84070	
980	11006	75011	22116	10930	12604	81360		
976	50612	64108	19718	48402	14303	81717	83640	
965	50410	66012	17118	22502	12805	82823	84070	
969	50518	80022	17518	20932	10713	82360	85070	
962	70515	57102	15618	45575	13000	82625	83640	85270
952	80214	30616	13416	1742/	14611	81714	88550	
953	80213	50809	14618	895//	16805	88921		

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	26212	003	r.	r.Rrtlrtlr$_2$
862	19222	003	r.r.	r.rRTlr$_2$
797	00200	054	+	+
776	06221	019	r.	tl.tlr.rTlRr.
775	02231	029	r.	r.Rtlr.r
772	01241	016	r.	r.rtl.r.
586	00220	058	+	+
590				
497		068		
502	05201	002	+	irrrr.r.
628	15211	000	r.	Rr.r.rRr.
715	07191	000	r.rr.	r.rr.
703	13172	000		
827	22171	000	rrRR	rr.
817	25181	018	rrRRd.	d.
804	21191	040	rrRRf	+
809	23180	038	rrRR	+
894	06191	045	r.r.rrff	ir.1Rl
534	00210	013	+	+
559	97230	028	+	r.
462	00210	012	+	+
354	97211	039	+	r.
414	00210	002	+	+
360	00220	105	+	+
396			+	+
257	00210	122	+	+
262	00160	111	+	+
222	00210	130	+	+
302	00210	073	+	+
334	00220	094	+	+
318	00230	120	+	+
204	00210	096	+	+
131	00180			
162	00181	114	+	+
135	00220	095	+	+
140	00200	113	+	+
171	00170	082	+	+
091	00191	112	+	+
005	00131	000	FF	FF
075	00170	070	1r	+
010	00170			
049	00161	121	+	+
026	00200	138	+	+
022	97210	062	1r.	+
100	00211	075	+	+
917	00200	074	+	+
980	0017	068		
976	9720	042		
965	9719	026		
969	0018	039		
962	9721	009		
952	0120	007		
953	9620	004		

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

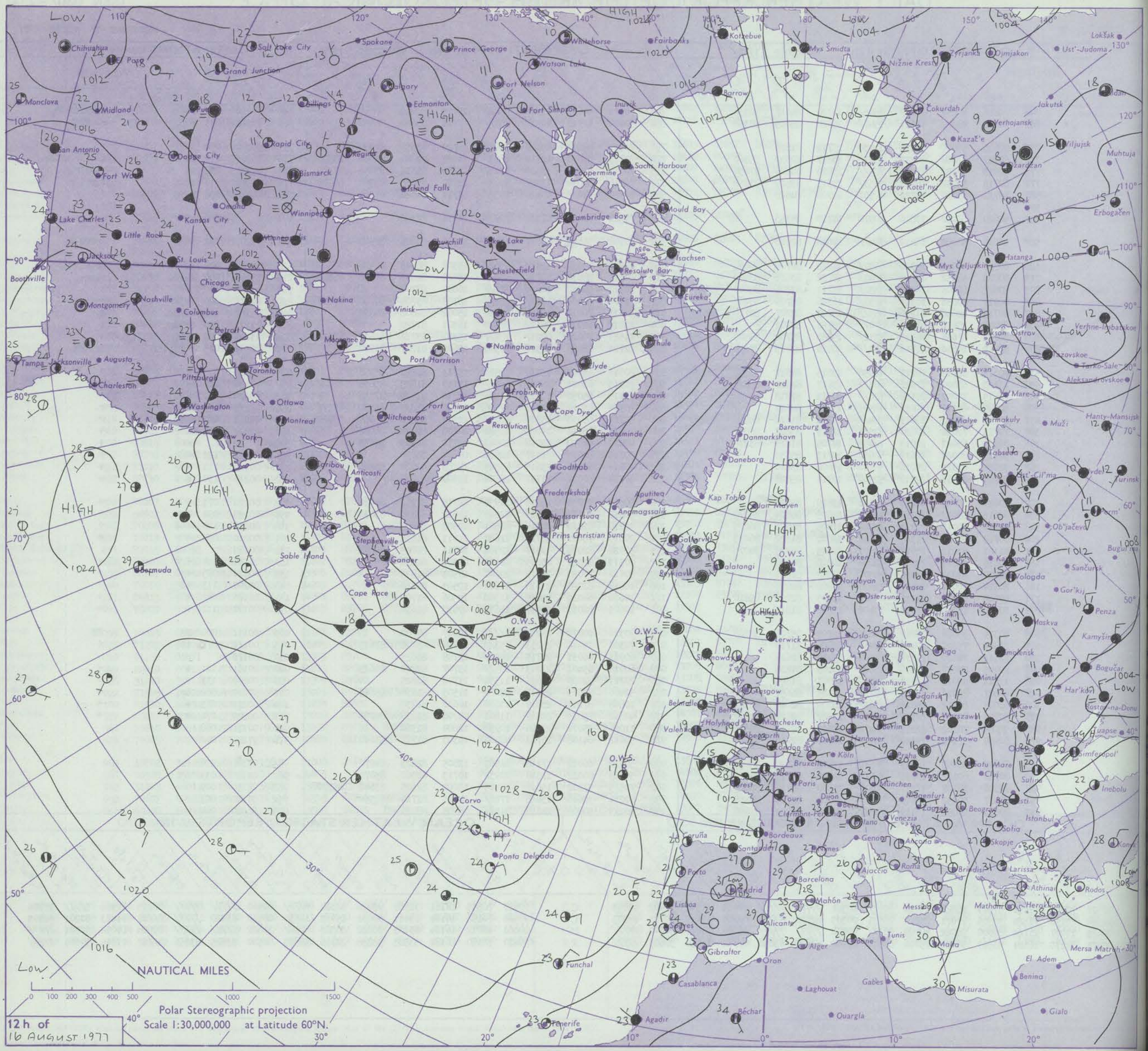
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16121	81809	98026	13814	8097/	00301	/////	/////	00214	11342	30402	12803
L	99568	70196	16124	33306	99021	25612	28531	00305	82820	/////	0//09	11419	30201	28903
M	99661	10007	16124	80000	96022	30709	862//	00400	/////	/////	05209	11021	30000	/////
R	99471	70170	16124	63519	98021	25016	68500	00002	83820	83656	0//11	11856	30603	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16181	92208	93456	12314	9////	00500	/////	/////	00215	11366	3////	17904
L	99568	70196	16184	13411	99031	25913	18530	00500	81820	/////	0//09	11433	30201	32203
M	99661	10012	16184	83103	96022	30508	862//	21602	/////	/////	05508	11052	30101	/////
R	99470	70170	16184	53523	98258	24716	58500	00500	83825	83656	0//12	11845	30604	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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Spokane
Prince George
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Mys Šmidta
Lokšak
Monclova
Midland
Grand Junction
Billings
Calgary
Edmonton
Watson Lake
Fort Nelson
Fort Simpson
Fort Smith
Inuvik
Barrow
Nižnie Kresty
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Ust'-Judoma
Čokurdah
Verhojansk
Jakutsk
Kazač'e
Ostrov Zohova
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Eureka
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Jan Mayen
Barentsburg
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Daneborg
Kap Tobin
Angmagssalik
Aputitea
Hopen
Bjornoya
Nord
Malye Karmakuly
Tabseda
Muži
Hanty-Mansijsk
Mare-Sale
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Ostrov Uedineniya
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Jakson Ostrov
Verhne-Imbatskoe
Turuhansk
Hatanga
Dikson
Ostrov Dikson
Ob'jačevo
Gor'kij
Penza
Moskva
Kamyšin
Bogučar
Kostov-na-Donu
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Dzamyn-Uud
Erenhot
Kalgan
Taiyuan
Sian
Lanchow
Yinchuan
Hami
Urumchi
Turfan
Kuldja
Aksu
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Mandalay
Lashio
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Anadyr'
Ostrov Vrangelja
Tiksi
Ostrov Kotel'nyj
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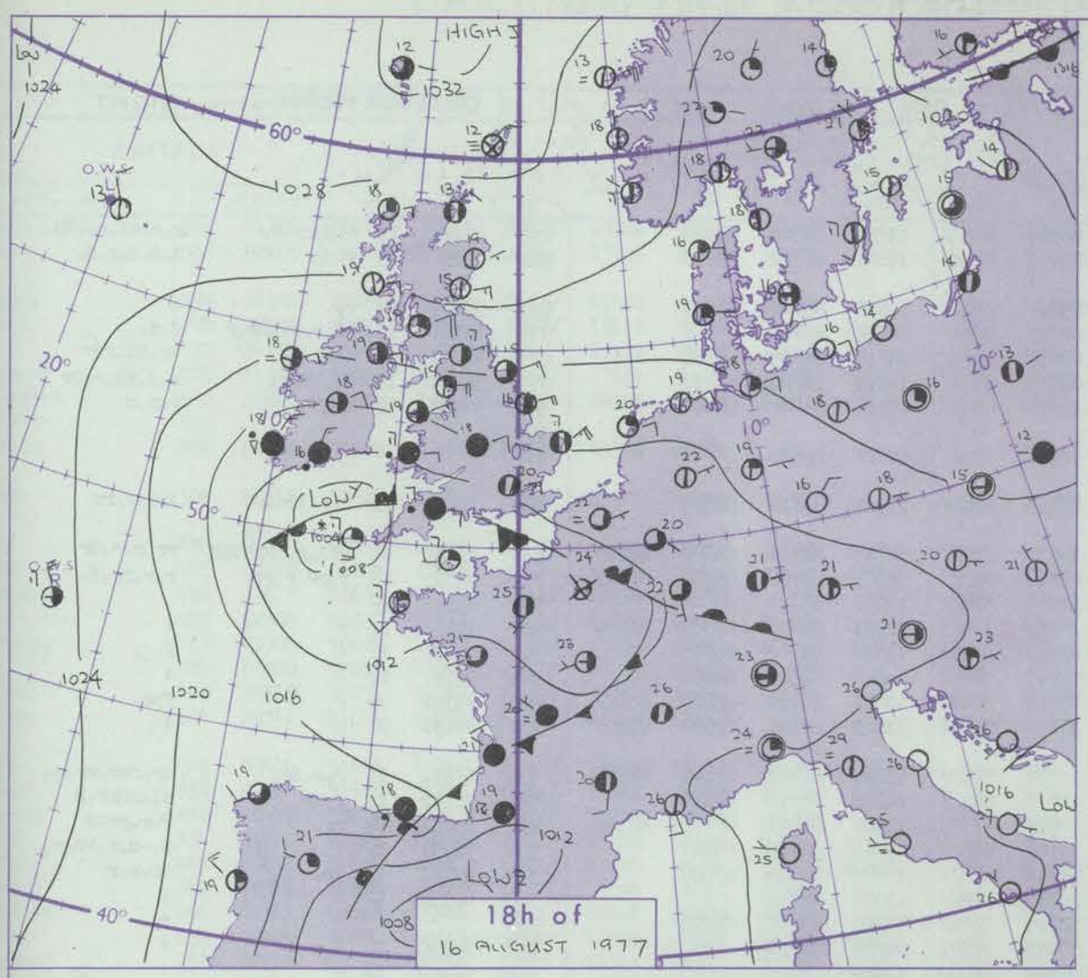
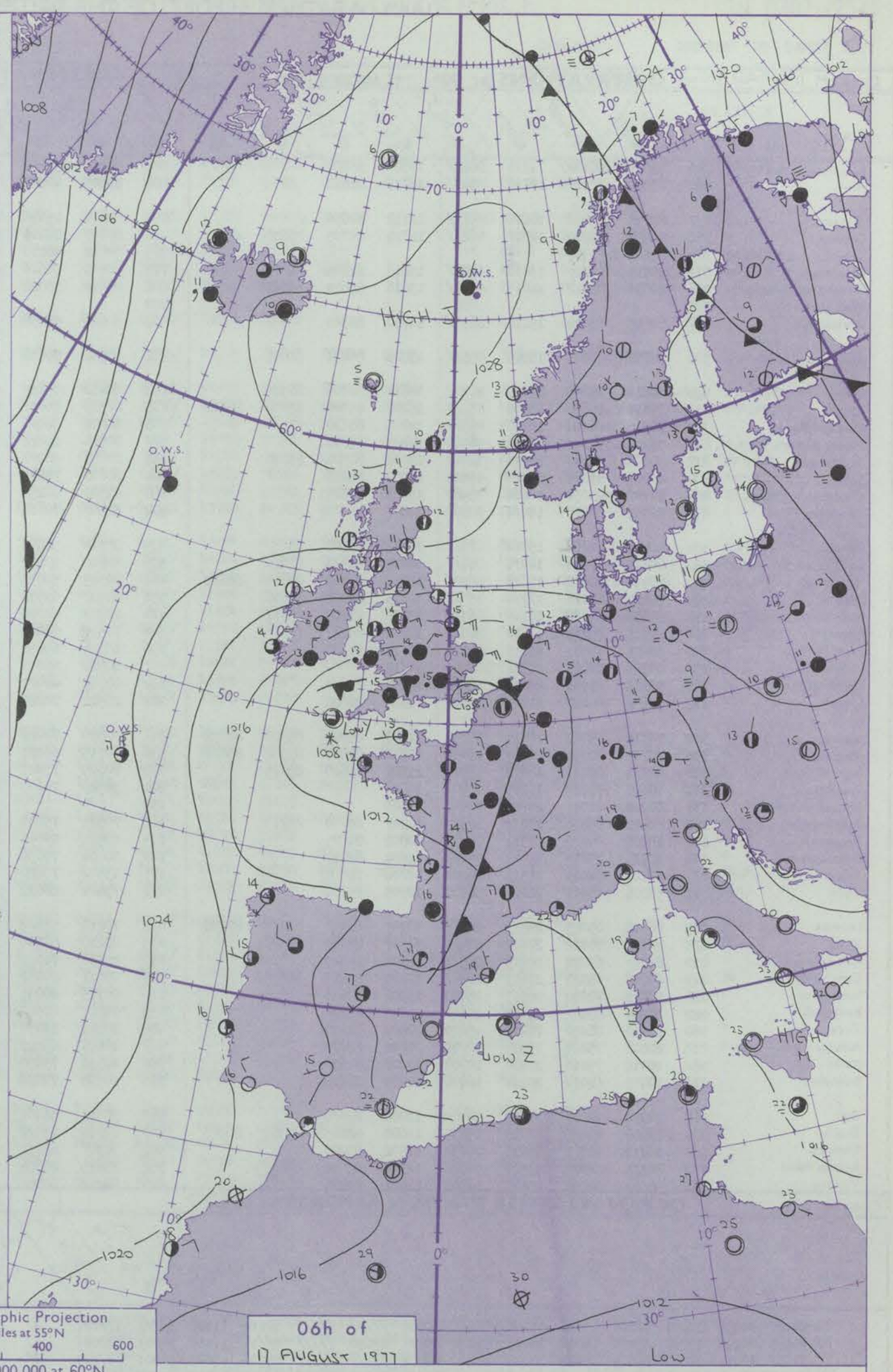
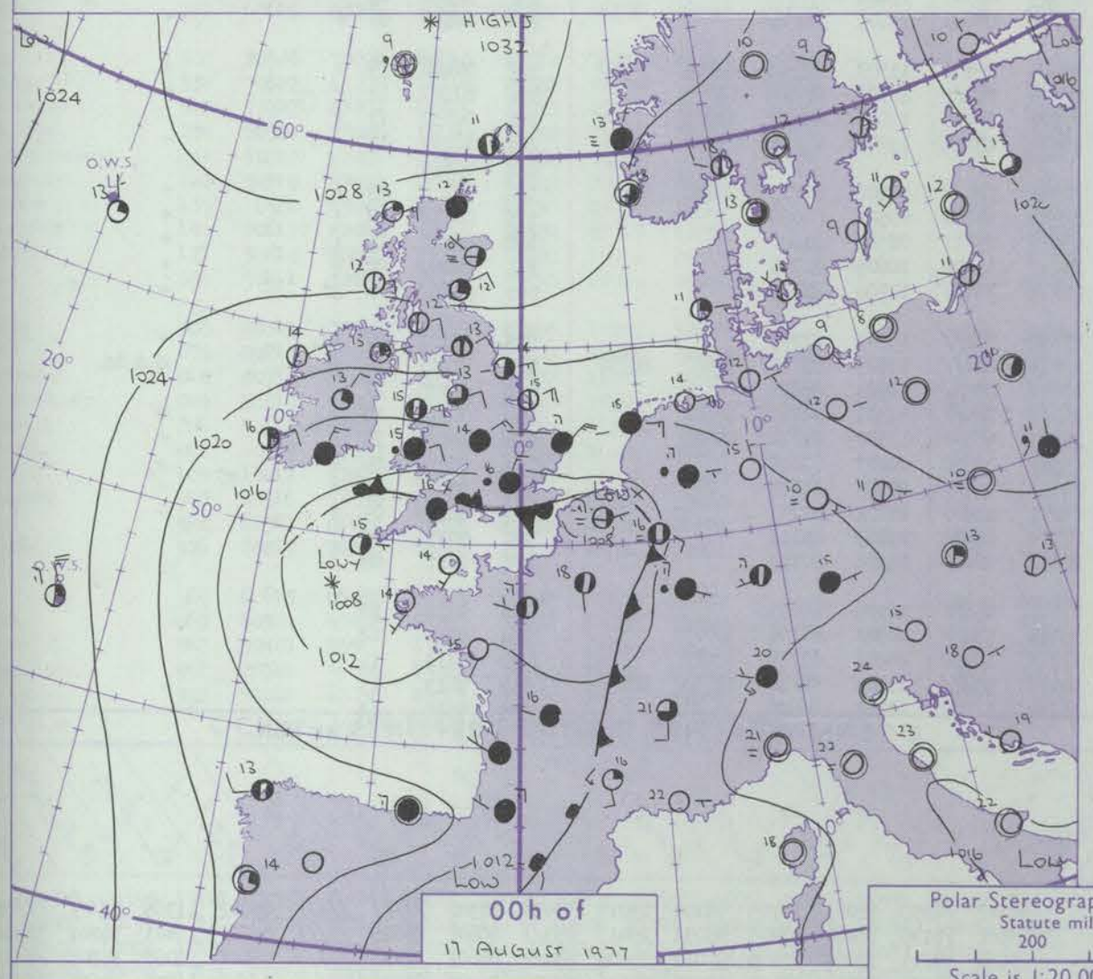
Ostrov Kotel'nyj







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 17 AUGUST 1977

During the past 24 hours a low over Biscay moved northwest and deepened before becoming slow-moving off southwest England while the associated frontal trough moved slowly north into southern England. Pressure has remained high between Iceland and Norway and the anticyclone over the Azores has remained stationary. During the next 24 hours a developing low over Northern France is expected to move slowly northeast while the low off southwest England fills a little and becomes absorbed in the circulation of the main low over Holland. A trough of low pressure will remain slow-moving over southern England. The anticyclone in the Norwegian Sea will move a little northwest to become centred off northeast Iceland.

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

Code FM II.V **OBSERVATIONS at 00h. 17 AUGUST 1977**

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	82503	56109	11315	862//	15508	88704		
Hurn	862	83302	17109	10716	854//	16711	88612		
Manston	797	80718	35602	10618	857//	16718	88656		
Gatwick	776	80407	40299	10717	862//	16721	84705	85708	88712
Kew	775								
Heathrow	772	80314	22929	11816	6922/	15818	82705	85710	85942
Honington	586	80513	60012	14015	5557/	13816	85624	88359	
Wattisham	590								
Gorleston	497	80525	66022	15217	8097/	14720	88360		
Aberporth	502	80712	60606	13515	855//	13803	86621	88645	
Filton	628	80612	25659	12215	4732/	14611	84709	88525	
Rhoose	715	80615	56616	11315	852//	15707	81705	83708	86612
Hartland Point	703	80916	66216	10716	855//	14705	88620		
Mount Batten	827	51104	56011	10715	56400	14703	85711		
St. Mawgan	817	30908	40101	10514	32000	14001	81701	83820	
Scilly	804	40907	63011	09415	45500	14002	84628		
Culdrose	809	31207	58051	10014	35500	13703	83625		
Guernsey	894	02105	80010	11414	00900	14807			
Elmdon	534	80414	62212	15014	863//	13812	88708		
Cardington	559	80714	57636	14015	854//	14818	84714	88626	
Wittering	462	80514	70022	15915	853//	13712	83709	86711	88623
Watnall	354	80414	68016	17214	853//	12713	86708	88616	
Shawbury	414	80613	66032	16115	863//	12808	81709	88712	
Finningley	360	80611	65021	18714	864//	12711	88711		
Spurn Point	396	10621	70011	18615	10970	13714	81360		
Leeming	257	00306	60020	21312	00900	11712			
Tynemouth	262	50815	69031	23214	555//	14704	85620		
Carlisle	222	10608	64020	21913	15600	11804	81640		
Valley	302	70714	65042	16815	55632	11103	85645	85360	87072
Ringway	334	70719	70031	17215	41432	10712	84818	83358	85075
Squires Gate	318	60711	80031	18813	55502	11709	85620	83075	
Ronaldsway	204	00621	75020	19115	00900	10806			
Mull of Galloway	131	00924	81011	20713	00900	11803			
Eskdalemuir	162	80411	65031	23212	863//	10807	84708	88711	
Prestwick	135	10808	70020	23312	00901	10802	81075		
Abbotsinch	140	20709	75030	24013	26400	11804	82712		
Leuchars	171	20411	62011	25312	26200	11706	82704		
Dyce	091	53206	15401	26210	56000	10705	85701		
Lerwick	005	70312	65025	28811	762//	10707	82703	83705	87708
Wick	075	80110	70022	27412	854//	11807	83712	88620	
Sule Skerry	010	81011	66022	28813	855//	12705	88620		
Cape Wrath	049	60906	65022	27612	683//	12400	83807	84625	
Stornoway	026	20615	70030	26813	25400	11806	82616		
Benbecula	022	10509	89021	25413	15600	11803	81630		
Tiree	100	10910	86010	24412	15600	09801	81630		
Aldergrove	917	20609	75021	21313	00901	09801	82070		
Malin	980	10918	75010	22414	15600	12000	81630		
Belmullet	976	10412	68011	20214	16400	12103	81718		
Birr	965	20310	62021	17313	00902	11000	82070		
Dublin	969	70619	80032	17915	25632	11000	82645	83360	86070
Shannon	962	30412	62101	16415	10932	11502	83070		
Roches Point	952	80214	66026	13517	5567/	12703	85636	88458	
Valentia	953	30511	50058	15616	32500	11601	83826		

OBSERVATIONS at 06h. 17 AUGUST 1977

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	80413	57956	08315	882//	13715	83705	88620	
862	83305	40502	08915	872//	15608	86705	88710	
797	80814	25056	08817	852//	16608	85704	88650	
776	80607	14106	07917	862//	16815	88704		
775	80612	40216	09016	872//	14713	85705	88708	
772	80411	32616	08615	873//	15717	84706	88710	
586	80514	58026	11115	854//	13715	81714	88640	
590								
497	80626	58058	12517	855//	14712	88620		
502	80514	56636	13213	6742/	13304	85710	88535	
628	80410	35639	10114	872//	14713	81704	84707	88710
715	80513	30636	09814	853//	14808	82706	85708	86612
703	80808	64026	10315	874//	15001	88710		
827	70904	62021	10013	36471	12501	83714	85360	86075
817	61007	56101	09713	25132	13801	81702	85075	
804	60000	75021	09915	58570	14210	83821	84626	
809	61302	60258	09713	58402	13002	81710	83620	85650
894	52507	70011	10613	39383	13603	81706	82920	83359
534	80314	50636	12914	7732/	13804	86709	83645	88558
559	80618	50219	10715	854//	14716	85710	88625	
462	80315	50636	12815	7732/	14807	84709	87711	88556
354	80317	61032	14714	6632/	13703	86708	88460	
414	80313	68216	14414	856//	11602	83640	88656	
360	70512	68022	16515	754//	13607	87612		
396	60624	64031	16215	50978	13710	85360	86275	
257	40209	58021	19413	21501	12706	82820		
262	00615	61021	21315	00900	13604			
222	20512	70020	20513	28400	11605	81715		
302	70519	70022	15914	35432	11500	82618	83645	87070
334	70715	68021	15814	714/2	11703	87816	86075	
318	70615	75021	17214	22402	11605	82818	87070	
204	30520	70030	18514	18436	11501	81715	83270	
131								
162	70313	75031	22312	724//	10500	84713	86818	
135	10511	59040	22412	15700	09503	81650		
140	30404	70030	23509	15541	08502	81620		
171	13502	70020	24111	11300	10605	81708		
091	73402	66022	24712	754//	11706	87615		
005	70216	58102	27510	762//	10704	87703		
075	80210	68506	26411	854//	11703	83712	86620	88630
010	80910	74022	27612	855//	12604	88625		
049	70517	80032	26911	784//	11301	84815	87620	
026	60715	80031	26513	55401	11502	81710	85625	
022	10707	87020	25312	15600	10203	81635		
100	10610	87030	24111	15601	09501	81635		
917	10608	65020	21211	18401	10202	81712		
980	10714	75030	22714	12402	11203	81713		
976	10508	72020	20812	16400	11204	81717		
965	50310	56101	17412	45602	11105	84633		
969	70414	65022	18014	754//	10307	86718	86628	
962	30307	65011	17213	16432	10207	81710	83070	
952	83615	58606	14113	5547/	11305	82716	84633	88458
953	60213	60051	16114	62500	11307	86826		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	36142	13	tlR2rr.r.	r.r.tl.r.tlR
862	05151	15	r.rR	d.d.d.r.d.
797	97170	14	r.	+
776	15161	15	tl.r.tl.RR.r	d.d.
775	46152	15	tlRtl.r	ir.Rd.r f
772	51151	15	tl.RRRr.	r.r.Fd.r.fr
586	01151	14	r. r	r.r.r
590				
497				
502	09131	13	r.r.ir.ir	irr.r.rr
628	23141	14	Rtl.r.rRrtlRR	rr.r.r.dr
715	08141	13	r.rr.r.rr.	r.r.rr.d.
703	03142	14		
827	97121	11	+	+
817	00121	11	+	f
804	00141	11	+	+
809	93101	09	f	fpr.
894	00131	07	1	+
534	07131	13	r.r.ir.	ir.rrr.rr.r.
559	17141	13	r.rr	tl.rrrr.R
462	03151	14	r.	r.r.rrir
354	92131	12	+	r.-d.r.-r.r.
414	97141	13	ir.	ir.r.r
360	00130	11	+	+
396			+	+
257	00110	06	+	+
262	00140	13	+	+
222	00120	09	+	+
302	00140	13	+	+
334	00140	12	+	+
318	00130	11	+	+
204	00130	11	+	+
131	00120			
162	00111	09	+	+
135	00110	09	+	+
140	00090	05	+	+
171	00090	06	+	+
091	00100	06	jf	+
005	97101	09	1d.	+
075	97111	10	ir.	d.d.1d.
010	00110	12		
049	00111	10	+	+
026	00120	10	+	+
022	00110	09	+	+
100	00091	03	+	+
917	00100	09	+	+
980	0013	11		
976	9711	08		
965	9712	10		
969	0014	12		
962	9713	11		
952	9613	13		
953	9614	12		

Code FM 21.V **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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17001	92206	93456	13114	9////	00500	/////	/////	00114	11340	3////	17/03
L	99568	70195	17004	23406	98010	26413	25600	00001	82630	/////	0//11	11410	30201	32002
M	99660	10011	17004	83605	95022	30108	862//	00804	/////	/////	05508	11070	30301	/////
R	99470	70170	17004	33524	98038	25316	38500	00804	81825	83656	0//12	11815	30605	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17061	32705	96104	13913	30930	00302	/////	/////	05012	11365	3////	///03
L	99567	70195	17064	83403	98031	25413	855//	00606	88625	/////	0//11	11441	30201	32802
M	99660	10011	17064	80106	97022	29608	864//	00602	/////	/////	05607	11080	30301	/////
R	99469	70170	17064	53422	98031	24616	58500	00802	85820	/////	0//12	11836	30606	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42273

Date of Issue THURSDAY 18 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 17 AUGUST 1977

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	81705	56619	08115	871//	15301	85702	88704	
Hurn	862	82105	64016	08617	7642/	15101	87710	85630	88458
Manston	797	81902	43055	09019	863//	17000	83708	88710	
Gatwick	776	72007	58045	09518	5847/	15111	82711	84820	86362
Kew	775	81106	19056	09319	863//	17202	86707	88712	
Heathrow	772	81305	18056	09018	853//	17104	83706	84712	88650
Honington	586	80511	50056	10916	854//	14504	84711	84616	88640
Wattisham	590								
Gorleston	497	80625	48508	12016	855//	13706	88620		
Aberporth	502	80615	35626	12714	6732/	13501	86708	88545	
Filton	628	80208	28636	08415	871//	14809	82702	84703	88705
Rhoose	715	80310	65606	08715	7542/	14808	81710	87622	88458
Hartland Point	703	83613	60606	10115	873//	14804	88708		
Mount Batten	827	82808	62022	09517	7842/	15605	82714	83818	88460
St. Mawgan	817	73306	70024	10317	4847/	14400	82810	83630	87460
Scilly	804	60000	75031	11318	22572	16104	82820	83360	
Culdrose	809	62510	75258	10018	58430	13101	83818	83625	
Guernsey	894	22311	81011	10717	11433	13204	81812		
Elmdon	534	80416	59606	11515	854//	13503	86712	88620	
Cardington	559	80911	35629	11215	6722/	15207	86705	88540	
Wittering	462	80414	59216	12315	854//	14500	83710	88618	
Watnall	354	80420	65026	13516	1647/	12703	81715	86360	88465
Shawbury	414	80316	57636	13114	6542/	13707	81712	86645	88556
Finningley	360	70516	68032	15219	1257/	12604	81825	87361	
Spurn Point	396	60518	62012	15516	3657/	14705	83725	86360	
Leeming	257	70420	75021	18318	52552	10705	85824	85360	86072
Tynemouth	262	70521	69031	20715	11621	14703	81835	83458	87075
Carlisle	222	60618	80031	19518	48642	09606	84830	84075	
Valley	302	70524	70022	15119	18532	11705	81825	87075	
Ringway	334	70622	68022	14119	21552	10707	82825	83360	87072
Squires Gate	318	70722	82032	15921	22548	10807	82823	87270	
Ronaldsway	204	50524	75021	17120	18532	09509	81824	85072	
Mull of Galloway	131	60820	82031	19517	22501	09808	82825	86075	
Eskdalemuir	162	50319	82031	20516	42602	09611	84830		
Prestwick	135	10520	75020	20818	11530	08714	81827		
Abbotsinch	140	20613	82011	22018	21600	07717	82832		
Leuchars	171	30619	80020	23316	38400	10710	82815		
Dyce	091	50111	80012	24117	55530	10710	85620		
Lerwick	005	20314	70011	26613	25400	11707	82616		
Wick	075	80213	45505	26712	871//	11001	86702	88703	
Sule Skerry	010	80710	74022	27613	855//	11801	88625		
Cape Wrath	049	80510	84022	27011	884//	10802	84815	88625	
Stornoway	026	40616	80031	26314	38430	11702	81815	83645	
Benbecula	022	10618	86020	25116	15402	11801	81618		
Tiree	100	10412	87020	23417	18500	11809	81825		
Aldergrove	917	30516	75030	20418	31502	09506	83820		
Malin	980	10512	81020	22616	11500	11705	81820		
Belmullet	976	20217	76030	20818	21500	13801	82821		
Birr	965	60615	66022	17618	525/2	10500	85822		
Dublin	969	60324	68012	17716	38502	11602	82820	85070	
Shannon	962	50404	80011	17218	48532	10000	83827		
Roches Point	952	70314	56056	15018	7567/	11206	87630	87458	
Valentia	953	70312	62052	17017	724//	12104	87819		

OBSERVATIONS at 18h. 17 AUGUST 1977

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	80000	56958	08916	894//	15602	82710	83914	88650
Hurn	862	62406	64012	09017	12532	14502	81822	83358	86070
Manston	797	70106	60252	08519	535/2	15706	84922	83070	
Gatwick	776	32206	75031	08819	23580	13806	81925		
Kew	775	80310	13178	09816	892//	15202	83705	88913	
Heathrow	772	80312	18979	09615	892//	15302	84705	88915	
Honington	586	80309	45606	10414	872//	13606	88704		
Wattisham	590								
Gorleston	497	80422	28636	10815	874//	14712	88710		
Aberporth	502	80517	62616	12315	6742/	13303	81712	86714	88556
Filton	628	80616	50509	09715	852//	14307	82705	86708	88618
Rhoose	715	80516	64299	08915	6932/	15305	81709	85614	81918
Hartland Point	703	80508	56216	08915	852//	15608	87705	88620	
Mount Batten	827	83404	63616	08716	1738/	14604	81708	83358	88462
St. Mawgan	817	82905	35636	08814	7202/	14812	85701	85707	88558
Scilly	804	80111	40616	11015	6732/	15803	86706	88560	
Culdrose	809	83407	30638	09514	4722/	14806	82703	83710	88540
Guernsey	894	32604	80030	09515	19503	13709	81925	83070	
Elmdon	534	80414	57636	12314	6532/	13001	85709	85618	88556
Cardington	559	80712	17619	10714	873//	14804	86707	88712	
Wittering	462	80414	60616	11914	873//	13706	86706	88709	
Watnall	354	80416	65016	13315	3147/	11806	83818	88465	
Shawbury	414	70512	62216	13315	6852/	11801	82826	85650	87459
Finningley	360	70512	70022	15017	2857/	11000	81822	86360	87465
Spurn Point	396	70314	64022	15115	7097/	13701	84360	87462	
Leeming	257	60416	65022	17717	42401	12801	84818	85072	
Tynemouth	262	40521	69031	19315	43501	13706	84925		
Carlisle	222	20613	82021	19017	18601	10503	81830		
Valley	302	70518	70032	14418	18682	11801	81830	84360	85075
Ringway	334	70618	70022	14318	2857/	09303	82825	83360	87368
Squires Gate	318	50719	81021	15719	18632	09301	81830	84075	
Ronaldsway	204	40621	84011	16618	10942	09602	81361	84072	
Mull of Galloway	131	10818	82011	18617	00901	10604	81075		
Eskdalemuir	162	60216	83031	19915	48632	09810	81830	84650	
Prestwick	135	10715	80030	20217	18502	08708	81822		
Abbotsinch	140	40713	80030	21217	48601	11601	81832	83650	
Leuchars	171	70619	68021	21814	754//	11807	82710	85623	87656
Dyce	091	83511	75202	22813	853//	11805	83708	88612	
Lerwick	005	83614	75031	24311	884//	09713	81814	88618	
Wick	075	80111	70505	24711	852//	11708	83705	85710	88615
Sule Skerry	010	80512	74022	25613	855//	11711	88625		
Cape Wrath	049	80911	70152	25211	864//	10607	88710		
Stornoway	026	20619	72050	24813	21400	11705	82818		
Benbecula	022	20515	87020	23315	18401	11709	81815		
Tiree	100	13510	89020	21516	11600	13711	81833		
Aldergrove	917	10515	82020	19118	18600	09809	81835		
Malin	980	10209	85010	21115	12500	13709	81822		
Belmullet	976	00317	76010	20016	00900	12607			
Birr	965	20613	80011	17219	22500	09502	82825		
Dublin	969	40522	70021	16818	11582	10802	81825	84072	
Shannon	962	10510	82011	16620	11600	09607	81833		
Roches Point	952	20213	75011	15119	28500	09503	82825		
Valentia	953	13515	82021	16718	12502	12605	81824		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	13171	000	tl.Rrr.	pr-rtl.r.r.
Hurn	862	00191	018	+	+
Manston	797	97220	011	d.	pr.
Gatwick	776	00211	052	+	+
Kew	775	01191	002	r.pr.prpR	pr.tlr.r.
Heathrow	772	16191	002	rfd.r.prpr.	pr.TLRr.r.d.
Honington	586	21171	000	r.rRR	rr.ir.d.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	12151	000	ir.irrr	r.r.ir.
Filton	628	23161	000	drrRd.r.tl.R	d.r.d.d.r.dr
Rhoose	715	11151	000	d.-r.rir.tlR	rRtlrr.tl
Hartland Point	703	08152	000		
Mount Batten	827	01181	024	ir.r	d.r.-r.r.
St. Mawgan	817	11172	021	d.r.r	rr-rrfr.
Scilly	804	04192	049	+	irr.r.
Culdrose	809	09182	034	pr.	ir.rrir
Guernsey	894	00190	100	+	+
Elmdon	534	24151	000	r.r.rR	r.rRir.
Cardington	559	17162	000	Rtl.Rr.r.	r.r.R
Wittering	462	17172	000	ir.r.r.rRR	RRr.rR
Watnall	354	91171	000	r.r.	r.
Shawbury	414	10161	000	Rrrr.r.	r.r.rR
Finningley	360	00200	001	+	+
Spurn Point	396		+		+
Leeming	257	00190	113	+	+
Tynemouth	262	00150	118	+	+
Carlisle	222	00200	134	+	+
Valley	302	00210	056	+	+
Ringway	334	00200	006	+	+
Squires Gate	318	00230	093	+	+
Ronaldsway	204	00210	121	+	+
Mull of Galloway	131	00180			
Eskdalemuir	162	00171	098	+	+
Prestwick	135	00200	132	+	+
Abbotsinch	140	00200	099	+	+
Leuchars	171	97170	098	+	1d.r.
Dyce	091	97170	046	+	d.d.
Lerwick	005	00130	051	+	+
Wick	075	97131	007	1d.	1d.
Sule Skerry	010	00130			
Cape Wrath	049	00120	009	+	jp
Stornoway	026	00150	102	+	+
Benbecula	022	00170	139	+	+
Tiree	100	00170	138	+	+
Aldergrove	917	00200	137	+	+
Malin	980	0016	136		
Belmullet	976	0018	135		
Birr	965	0020	091		
Dublin	969	0019	081		
Shannon	962	9721	084		
Roches Point	952	0121	032		
Valentia	953	0020	085		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

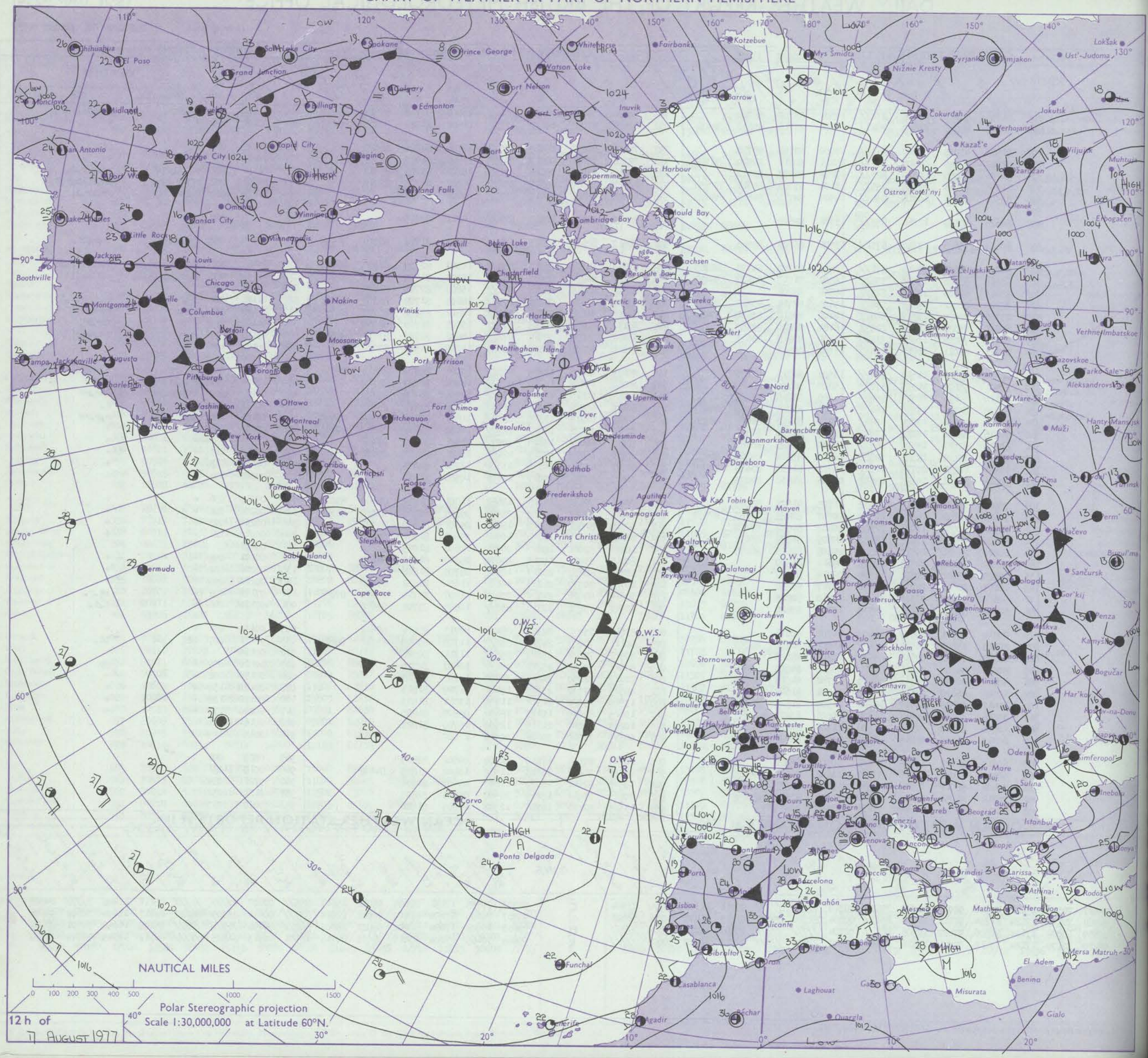
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17121	72706	98011	16012	75500	00210	/////	/////	05311	11351	3////	23904
L	99568	70195	17124	61204	97012	24614	654//	00604	81710	86640	0//13	11475	30201	32603
M	99659	10008	17124	80306	97022	28908	864//	00704	/////	/////	05407	11087	30301	/////
R	99470	70170	17124	13418	98021	25616	12501	00003	81825	/////	0//12	11827	30605	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17181	82005	98022	15613	855//	00607	/////	/////	05111	11448	3////	24803
L	99567	70195	17184	81610	96032	22414	853//	80614	83709	88620	0//13	11494	30202	99/03
M	99660	10008	17184	80207	96022	28009	862//	00706	/////	/////	05108	11052	30301	/////
R	99468	70165	17184	13416	98020	24716	18501	00713	81825	/////	0//12	11849	30704	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


NAUTICAL MILES
0 100 200 300 400 500 1000 1500
Polar Stereographic projection
Scale 1:30,000,000 at Latitude 60°N.
12 h of
7 AUGUST 1977
Low
High
O.W.S.
Chihuahua
El Paso
Salt Lake City
Spokane
Grand Junction
Prince George
Whitehorse
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Kresty
Lokšak
Midland
Rapid City
Billings
Calgary
Edmonton
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Barrow
Čokurdah
Ust'-Judoma
Jakutsk
Verhojansk
Kazač'e
Ostrov Zahova
Ostrov Kotel'nyj
Oymjakon
Žyrjanka
Viljujsk
Žarčzan
Muhtuja
Olenek
Batagaj
Verhne-Imbatskoe
Mys Čeljuskin
Ust'-Kara
Russkaja Gavan'
Mare-Sale
Muži
Hanty-Mansijsk
Tarko-Sale
Aleksandrovskoe
Kazovskoe
Maye Karmakuly
Ostrov Dikson
Dudinka
Jakutsk
Amderma
Barencburg
Nord
Danmarkshavn
Daneborg
Tromsø
Bodø
Lerwick
Stornoway
Belmullet
Belfast
Glasgow
Manchester
Valentia
Shannon
London
Scilly
Brussels
Köln
Bern
Genève
Milano
Venezia
Genova
Ancona
Roma
Napoli
Brindisi
Bordeaux
Santander
Porto
Lisboa
Barcelona
Palma
Alicante
Gibraltar
Alger
Oran
Tunis
Casablanca
Agadir
Laghouat
Béchar
Ouargla
Misurata
Gialo
El Adem
Mersa Matruh
Benina
Tenerife
Funchal
Ponta Delgada
Lajes
Corvo
Bermuda
Sable Island
Cape Race
Gander
Stephenville
Goose
Frobisher
Resolution
Cape Dyer
Upernavik
Fort Chimo
Nottingham Island
Port Harrison
Winisk
Moosonee
Nakina
Churchill
Baker Lake
Chesterfield
Coppermine
Sachs Harbour
Cambridge Bay
Mould Bay
Resolute Bay
Arctic Bay
Eureka
Alert
Thule
Hall Beach
Frobisher
Kap Tobin
Jan Mayen
Reykjavik
Keflavik
Prins Christian Sund
Narssarssuaq
Angmagssalik
Aputiteq
Frederikshåb
Godthåb
Holsteinborg
Umanak
Thule
Dundas
Eureka
Alert
Ostrov Kotel'nyj
Ostrov Zahova
Ostrov Bol'šoj Ljahovskij
Ostrov Kotel'nyj

18h of
17 August 1977

00h of
18 August 1977

06h of
18 August 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 18 AUGUST 1977

A large complex area of low pressure has dominated much of western Europe with an almost stationary anticyclone between Iceland and Norway. The Azores anticyclone has persisted. During the next 24 hours the highs are expected to show little change but the main centre of the European low pressure complex will become centred more in eastern Europe and deepen a little. Atlantic frontal troughs will approach the British Isles with a low moving southeast towards Biscay.

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

Code FM 11.V **OBSERVATIONS at 00h.** 18 AUGUST 1977

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	80506	50219	09514	852//	13400	83704	85706	88616
Hurn	862	60000	30101	09413	36401	13602	83715	84075	
Manston	797	60205	33102	08316	662//	15603	83705	85707	
Gatwick	776	80304	35041	09016	862//	15804	81704	85706	88708
Kew	775								
Heathrow	772	80308	40509	09315	862//	14705	86705	88707	
Honington	586	83609	40586	08914	872//	13813	86704	88706	
Wattisham	590								
Gorleston	497	80215	48606	08415	864//	14717	88712		
Aberporth	502	10514	66016	13714	10930	10306	81360		
Filton	628	80414	35596	10613	873//	13601	82706	86707	88712
Rhoose	715	80517	66209	10313	854//	12104	82711	88624	
Hartland Point	703	80420	69026	10415	854//	12302	88618		
Mount Batten	827	70606	60026	09215	5543/	14102	81714	85634	
St. Mawgan	817	80310	57026	10215	863//	14111	83708	88710	
Scilly	804	30215	62016	10614	35400	14303	83612		
Culdrose	809	40000	35106	09813	45200	12209	82705	84625	
Guernsey	894	02005	70021	09714	00900	14602			
Elmdon	534	80314	56616	12413	854//	11704	81710	88647	
Cardington	559	80510	58506	10414	872//	14806	83705	88709	
Wittering	462	80213	37616	11313	871//	13706	83702	83704	88707
Watnall	354	80212	62606	13113	853//	12706	83708	86712	88618
Shawbury	414	73511	68022	13912	1551/	10803	81620	87466	
Finningley	360	80109	68012	13913	3547/	11807	83617	88362	
Spurn Point	396	80220	68606	13114	875//	13709	88725		
Leeming	257	43612	65011	16113	25401	11712	82615	83075	
Tynemouth	262	40313	69021	17614	43500	14611	84925		
Carlisle	222	70110	65501	17613	754//	12812	81712	84618	86632
Valley	302	00312	70021	16214	00900	11205			
Ringway	334	20312	70011	14414	11502	10704	81822		
Squires Gate	318	20212	68021	16113	00901	10803	82075		
Ronaldsway	204	00612	82020	17512	00900	10500			
Mull of Galloway	131	10515	86020	19013	15600	10500	81630		
Eskdalemuir	162	80114	60586	18411	873//	10615	86708	88712	
Prestwick	135	70508	80031	19713	755//	10801	87627		
Abbotsinch	140	70711	61021	19914	754//	09712	81712	86620	
Leuchars	171	83612	70026	20113	854//	08716	83613	88618	
Dyce	091	83210	75205	21412	854//	10713	84710	88615	
Lerwick	005	80113	80022	22811	853//	09711	84709	88613	
Wick	075	83611	70025	22911	864//	09716	88712		
Sule Skerry	010	80212	74022	24212	855//	10714	88620		
Cape Wrath	049	80913	80022	24011	855//	11711	88620		
Stornoway	026	30614	75031	24212	36400	09606	83710		
Benbecula	022	10416	81020	22712	15400	11709	81618		
Tiree	100	10107	87020	21013	15700	10605	81650		
Aldergrove	917	00508	80020	19712	00900	09204			
Malin	980	13206	84010	20314	15600	13708	81641		
Belmullet	976	10404	75020	20611	15600	10000	81642		
Birr	965	03604	66020	18910	00900	08106			
Dublin	969	00313	80011	18014	00900	11207			
Shannon	962	10105	80020	18912	15700	08105	81650		
Roches Point	952	73410	75021	16715	757//	10104	87650		
Valentia	953	00503	82020	18312	00900	10002			

OBSERVATIONS at 06h. 18 AUGUST 1977

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	80210	58505	09513	862//	12502	86704	88706	
862	80105	20626	09214	6732/	14801	86706	88350	
797	82505	42101	07215	853//	14605	83707	88614	
776	83302	45212	08114	873//	14707	84708	88710	
775	83608	57055	08714	863//	12608	83708	88712	
772	83406	58026	08514	863//	13507	85708	88712	
586	83409	32506	06614	870//	13714	85701	88702	
590								
497	80000	32056	07015	864//	15707	88712		
502	10211	70020	13813	18540	10301	81820		
628	80309	45586	10612	853//	11703	85709	88618	
715	70409	63216	10612	4532/	11802	81708	84618	87459
703	80515	64606	11513	854//	13302	86713	88625	
827	70414	60016	09914	6543/	12202	85710	86623	
817	80215	60205	11314	853//	13004	84706	88613	
804	80315	60021	12514	6541/	13005	81710	84615	88460
809	80313	56205	10814	852//	11205	82704	88615	
894	72705	75031	09014	7853/	14704	81820	84630	86650
534	73610	58616	11113	7738/	11808	81708	86710	85650
559	80313	45506	09113	872//	13711	86703	88707	
462	83512	65606	09213	853//	12715	85706	86708	88612
354	73611	58516	11512	753//	11707	84706	83712	86630
414	73510	57042	12911	25582	10707	81625	84359	87070
360	83612	64616	12013	855//	12708	84622	88633	
396	80324	66026	10514	6647/	12713	84715	86620	88360
257	73412	58801	14413	62401	12708	82711	85820	87075
262	50321	69031	16014	53501	12607	85925		
222	70206	70036	16213	784//	11704	82714	83622	86632
302	20110	80011	14913	28400	12705	81712		
334	70107	65021	13113	65432	10505	84714	84640	86075
318	30107	65020	14512	18402	10708	81817	83072	
204	60211	68031	15813	684//	10609	82714	83626	
131	20520	80010	16912	25600	09708	82630		
162	70113	64036	17411	754//	09803	83712	85618	86635
135	30513	80011	18412	35500	08708	81620	83632	
140	60407	82012	18713	685//	08610	81820	86645	
171	80211	81806	19212	884//	09807	85812	87622	88650
091	83309	50516	19810	872//	09708	84705	88710	
005	70116	75205	20910	753//	10808	85709	87615	
075	80209	75026	21010	854//	08710	82710	88618	
010	80516	84205	21812	855//	09813	88625		
049	80510	80022	21611	855//	10717	88620		
026	70517	80031	21513	754//	10716	82712	87618	
022	70516	84031	21212	754//	10708	87616		
100	10710	87030	19611	11640	10605	81830		
917	30107	70011	17911	35600	09710	83630		
980	31408	68100	18710	35300	10606	81709	83626	
976	13405	78030	19612	16300	11605	81706		
965	73504	60101	18009	756//	09707	87636		
969	73410	75031	16712	754//	09808	82717	87635	
962	13407	65100	18509	15700	08503	81656		
952	13312	75021	16712	15600	10501	81645		
953	10705	82030	18112	00902	09604	81070		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	22121	12	Rr.	d.d.r.d.r.r
862	09121	09	drRrr.	Rrr.d.
797	97130	10	+	pr.
776	91141	13	+	r.d.
775	97141	14	d.	id.
772	01141	13	id.d.d.	d.-r.rd.
586	01131	13	d.d.-d.r.d.r.	d.r.d.id.d-dr
590				
497				
502	00121	09	+	+
628	05121	11	DRid.r.d.	d.r.rrRd.r.r
715	02121	11	d.	r.rr.r.ir.
703	02132	12	+	+
827	93141	11	ir.	ir.
817	97131	11	d.	id.
804	96141	13	ir.rrr.r.	+
809	97121	10	rr	d.
894	97130	05	+	ir.
534	06121	11	r.r.rr	rrr.r.
559	06131	13	Rrrdr	d.r.r.r.
462	03121	12	Rrr.d.r.	d.r.rr.
354	01121	11	r.d.r.d.r.	d.r.d.r.d.d.
414	00111	09	+	+
360	02131	12	r.r.	r.r.rd.r.pr.
396			r.r.	r.r.
257	01111	09	+	pr.
262	96131	13	+	pr.ir.
222	91120	09	d.ir.	ir.
302	00110	08	+	+
334	00120	11	+	+
318	00110	09	+	+
204	00120	10	+	+
131	00110			
162	93111	09	r.d.r.d.r.	d.r.id.
135	00120	10	+	+
140	97120	09	+	ir.
171	91111	10	d.r.	r.pr.
091	97101	10	d.d.id.	d.r.d.d.ir.
005	97101	09	+	id.
075	97091	09	ir.	ir.
010	97100	10		
049	00100	10	+	+
026	00120	09	+	+
022	00110	09	+	+
100	00100	07	+	+
917	00110	07	+	+
980	9710	05		
976	9710	05		
965	9708	02		
969	9712	08		
962	9709	06		
952	0011	09		
953	9711	07		

Code FM 21.V **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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18001	21704	98011	15213	11550	00400	/////	/////	05112	11383	3////	29/03
L	99568	70195	18004	81416	96032	19514	7532/	00816	85709	87620	0//13	11443	30303	99/03
M	99658	10006	18004	80206	96502	26609	863//	00707	/////	/////	05308	11052	30301	/////
R	99466	70164	18004	03314	98011	25816	00900	00008	/////	/////	0//12	11795	30703	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18061	72505	96101	14213	72500	00608	/////	/////	05012	11364	3////	///03
L	99569	70195	18064	81418	96606	15614	853//	00725	84708	88620	0//13	11411	30404	99/04
M	99658	10005	18064	80406	96505	25709	862//	00706	/////	/////	05308	11052	30301	/////
R	99465	70159	18064	33112	98020	24116	35701	00708	83650	/////	0//12	11794	30703	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42274

Date of Issue FRIDAY 19 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 18 AUGUST 1977

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	73511	75026	09715	784//	11000	83714	84820	86638
Hurn	862	60106	65016	09817	684//	13000	84815	85630	
Manston	797	72907	56058	07017	784//	13602	83710	84816	87640
Gatwick	776	83208	58516	08514	853//	12000	86707	88612	
Kew	775	83207	58055	08814	874//	12400	84710	88712	
Heathrow	772	83208	65025	08515	854//	12801	88612		
Honington	586	80000	50056	06516	852//	14602	85705	88623	
Wattisham	590								
Gorleston	497	80405	48052	07416	855//	14204	88620		
Aberporth	502	33410	70030	13615	38530	12601	81822	83648	
Filton	628	70311	68016	10816	785//	12803	84820	85627	
Rhoose	715	40311	70016	11218	48500	11000	83825		
Hartland Point	703	70312	70026	12815	6843/	12107	81818	86635	
Mount Batten	827	70308	61052	11915	7847/	12108	85815	87625	
St. Mawgan	817	70112	68032	12716	784//	12108	83814	87622	
Scilly	804	40212	60011	14518	42500	15212	84823		
Culdrose	809	70214	60052	12317	784//	12006	83818	83620	85635
Guernsey	894	63613	80016	09617	682//	15105	82704	83705	85808
Elmdon	534	83415	57582	09914	854//	11712	81710	85614	88620
Cardington	559	83408	45586	08014	872//	13609	86703	88708	
Wittering	462	83513	50206	07414	872//	13715	86703	88704	
Watnall	354	83616	50586	09612	873//	11710	85707	88709	
Shawbury	414	70115	65252	11616	784//	12807	83816	85625	87645
Finningley	360	80113	40598	10613	872//	12505	83704	83706	88707
Spurn Point	396	80318	62216	09814	863//	12210	88708		
Leeming	257	80212	60258	13114	883//	12603	81709	86822	88645
Tynemouth	262	80320	69818	14413	6552/	13710	86625	88460	
Carlisle	222	80214	75802	15115	884//	11604	82815	84820	88650
Valley	302	60211	80021	14218	62500	10705	86820		
Ringway	334	80313	70602	12015	4457/	10504	84622	88462	
Squires Gate	318	70315	82011	13317	785//	10804	81822	86640	
Ronaldsway	204	30415	81011	15017	38501	09602	83824		
Mull of Galloway	131	70211	81031	15818	725//	12811	87825		
Eskdalemuir	162	80112	60506	16211	874//	09704	88710		
Prestwick	135	70310	82011	17015	785//	09610	81822	84636	87650
Abbotsinch	140	70507	86026	17015	685/1	08614	81824	83830	85645
Leuchars	171	80412	64618	17613	5541/	10708	82715	84622	88462
Dyce	091	83307	80026	18313	853//	10605	81708	85710	88614
Lerwick	005	80217	70025	19211	854//	09710	85618	88625	
Wick	075	80210	81026	19312	854//	09710	81712	84618	88625
Sule Skerry	010	80505	81022	20313	855//	11711	88625		
Cape Wrath	049	80707	82022	20311	855//	10707	88625		
Stornoway	026	70713	80022	19813	754//	09715	83616	87628	
Benbecula	022	50512	86012	19215	584//	10818	81815	85625	
Tiree	100	50211	87031	17815	48502	11713	81825	84630	
Aldergrove	917	70410	80021	16616	5853/	10709	82820	85645	
Malin	980	40709	80031	17315	38532	12711	82820		
Belmullet	976	13615	84030	17717	11500	13715	81820		
Birr	965	73609	70022	16417	785//	11814	86823	84636	
Dublin	969	70214	70026	16015	724//	10704	82718	87826	
Shannon	962	73508	80021	16818	785//	09712	85826	83650	
Roches Point	952	73312	75011	16018	785//	10805	86822	83650	
Valentia	953	13307	84020	16819	11501	11814	81825		

OBSERVATIONS at 18h. 18 AUGUST 1977

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	83313	66585	08213	853//	11610	82707	85616	88630
Hurn	862	73512	62028	08717	785/2	11613	84825	84640	87070
Manston	797	82707	50052	06316	854//	12806	86711	88645	
Gatwick	776	72806	62016	07215	784//	12708	83710	85622	87645
Kew	775	82605	60022	07114	863//	12710	87708	88712	
Heathrow	772	82706	59025	06914	853//	13709	87707	88613	
Honington	586	80410	65218	07013	854//	11306	81710	87617	88630
Wattisham	590								
Gorleston	497	80320	48026	07214	864//	12800	88715		
Aberporth	502	50115	65011	11915	48531	13705	82820	83635	
Filton	628	70210	76022	09615	754//	11704	81616	85630	87650
Rhoose	715	30208	70018	09718	38500	11606	81825		
Hartland Point	703	13510	80021	11616	12500	13606	81825		
Mount Batten	827	13412	70051	10818	18400	11604	81818		
St. Mawgan	817	13312	70011	12216	12400	13802	81811		
Scilly	804	13610	71010	14316	12542	14502	81823		
Culdrose	809	40113	60051	12515	42500	12302	84820		
Guernsey	894	73407	62022	10313	5843/	13003	81812	85645	87358
Elmdon	534	83610	40586	09413	872//	13703	87704	88706	
Cardington	559	80611	30626	06916	873//	15504	88706		
Wittering	462	80513	61585	08812	852//	11309	83705	88617	
Watnall	354	80212	30635	10212	6722/	11301	86704	88550	
Shawbury	414	83511	20588	11013	873//	12606	84707	88710	
Finningley	360	80108	62586	10913	852//	12302	81705	83712	88635
Spurn Point	396	83611	60606	09914	854//	13805	84715	88625	
Leeming	257	80212	65608	12414	884//	12705	83710	85819	88640
Tynemouth	262	80120	61618	13914	5552/	13602	85620	88535	
Carlisle	222	80306	75028	14214	4557/	11603	81623	83650	86359
Valley	302	70211	80031	12816	745//	12709	81820	87650	
Ringway	334	80210	57616	11213	7547/	12707	83615	87645	88359
Squires Gate	318	80209	64616	12314	6552/	12706	83628	84650	88460
Ronaldsway	204	70308	82251	13715	785//	10805	81821	83640	87656
Mull of Galloway	131	70711	82012	14415	785//	10708	81825	87630	
Eskdalemuir	162	80208	75026	14612	853//	09610	81708	86712	88625
Prestwick	135	70708	68026	15015	5857/	10712	81824	83632	86360
Abbotsinch	140	70906	75026	14916	3857/	10709	81826	83656	87360
Leuchars	171	70310	84026	15314	4577/	09609	84650	87360	
Dyce	091	83310	75022	16112	854//	10708	83710	83714	88618
Lerwick	005	80315	60022	17211	854//	10713	83710	88616	
Wick	075	80107	81022	17411	854//	09712	81712	84618	88624
Sule Skerry	010	80505	81022	18413	855//	11713	88620		
Cape Wrath	049	80910	82022	17811	855//	11715	88620		
Stornoway	026	70613	82032	17213	784//	10611	81818	87624	
Benbecula	022	60613	89011	16813	28432	09712	81818	85366	
Tiree	100	20209	89011	15415	00902	10714	82072		
Aldergrove	917	20608	84011	14716	28600	07710	81832		
Malin	980	10609	83011	15014	11532	11614	81820		
Belmullet	976	10209	82010	15016	11500	12617	81820		
Birr	965	33503	66031	13718	38500	08714	82822		
Dublin	969	30707	81021	14216	38602	10716	81830	83650	
Shannon	962	60908	82012	13819	686//	12715	82830	85650	
Roches Point	952	13209	75011	13619	18500	09713	81822		
Valentia	953	13208	84020	14717	12600	12714	81830		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	95161	005	r.d.	d.-d.r.
Hurn	862	01181	018	d.pr.	d.pr.r.
Manston	797	00170	004	+	+
Gatwick	776	97151	000	d.d.	d.-r.-d.r.
Kew	775	97151	000	id.	+
Heathrow	772	95151	000	d.d.	d.Rr.
Honington	586	93181	002	d.	pr.r.d.r.d.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	00171	120	+	+
Filton	628	01181	013	r	rr.d.d.
Rhoose	715	97201	048	+	pr.
Hartland Point	703	00171	069		
Mount Batten	827	00191	034	+	+
St. Mawgan	817	00181	070	+	+
Scilly	804	00190	100	+	+
Culdrose	809	00180	073	+	+
Guernsey	894	00180	032	+	+
Elmdon	534	04141	000	d.r.d.r.drRr	d.r.d.r.drr.
Cardington	559	01171	001	d.r.d.d.	d.d.r
Wittering	462	96171	000	d.r.r.	d.r.d.r.
Watnall	354	03131	000	id.d.d.-d.r.	d.r.drir.
Shawbury	414	03181	004	pr.r.	r.r.d.r.r
Finningley	360	09141	000	r.d.r.drDR	d.r.dr
Spurn Point	396			r.r.ir.	ir.r.r.
Leeming	257	02151	000	pr.r.R	r.r.
Tynemouth	262	02142	000	pr	r.r.
Carlisle	222	92151	017	pr.	pr.r.r.
Valley	302	97190	093	+	r.
Ringway	334	03161	001	r.r.	r.r.r
Squires Gate	318	93191	045	r.	r.r.
Ronaldsway	204	97190	090	+	pr.-r.r.
Mull of Galloway	131	00190			
Eskdalemuir	162	94121	001	id.d.r.d.r.	d.r.d.r.id.
Prestwick	135	97160	007	pr.r.r.	+
Abbotsinch	140	97160	007	ir.	+
Leuchars	171	94151	000	r.r.	r.ir.
Dyce	091	00141	000	+	+
Lerwick	005	00120	000	+	+
Wick	075	00121	000	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00120	000	+	+
Stornoway	026	00140	017	+	+
Benbecula	022	00160	036	+	+
Tiree	100	00160	101	+	+
Aldergrove	917	00180	113	+	+
Malin	980	0016	112		
Belmullet	976	0018	132		
Birr	965	9719	043		
Dublin	969	9717	051		
Shannon	962	9720	070		
Roches Point	952	0021	085		
Valentia	953	0020	126		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

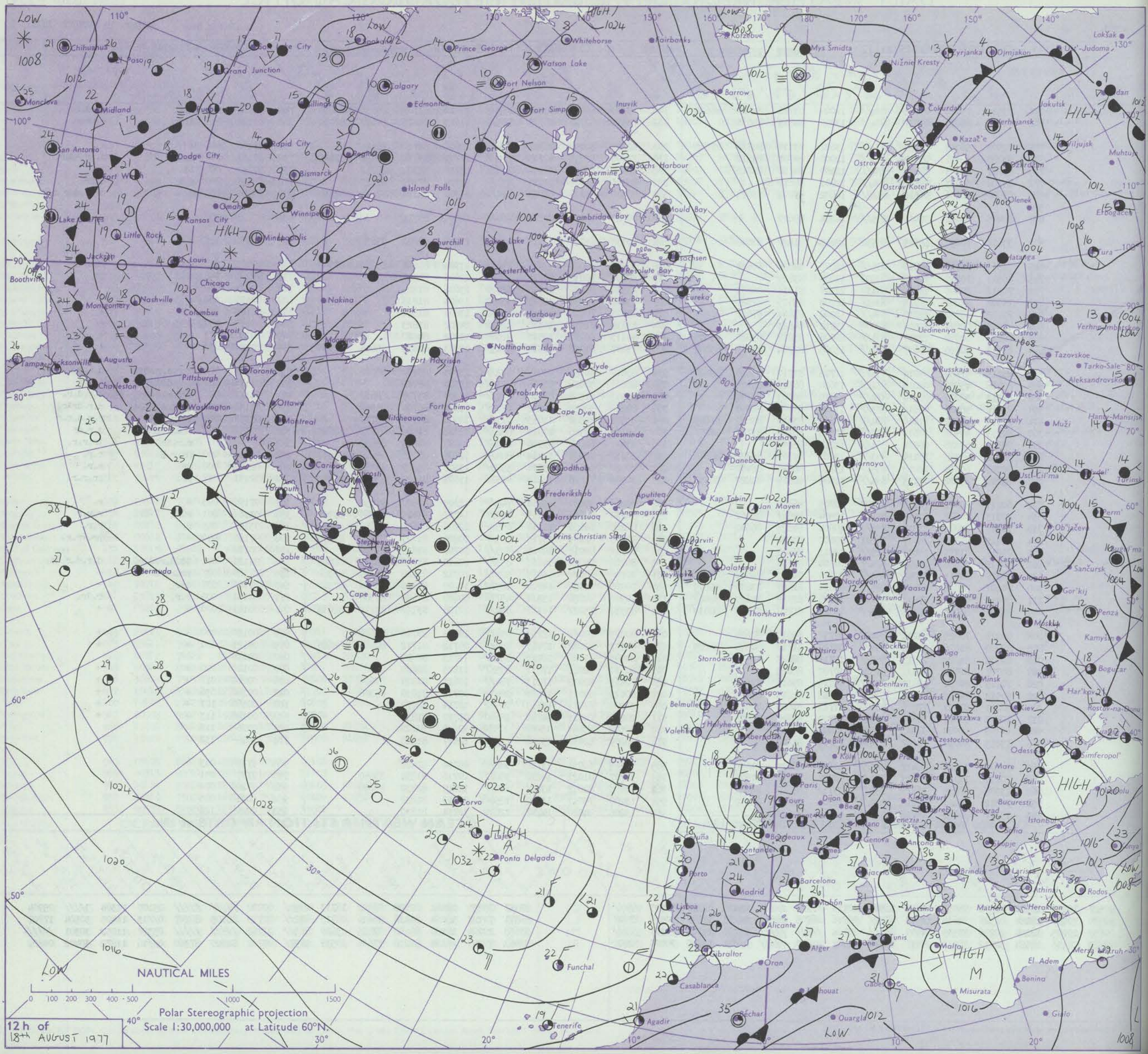
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18121	62508	98031	16713	11544	00113	/////	/////	05110	11396	30503	/////
L	99570	70196	18124	81525	94616	11713	6722/	00716	86705	88518	0//13	11392	30505	17807
M	99658	10005	18124	80206	97505	24909	862//	00704	/////	/////	05208	11065	30301	/////
R	99463	70156	18124	32712	98011	24517	11542	00102	81820	/////	0//14	11790	30000	32802

OCEAN WEATHER STATION REPORTS at 18h.

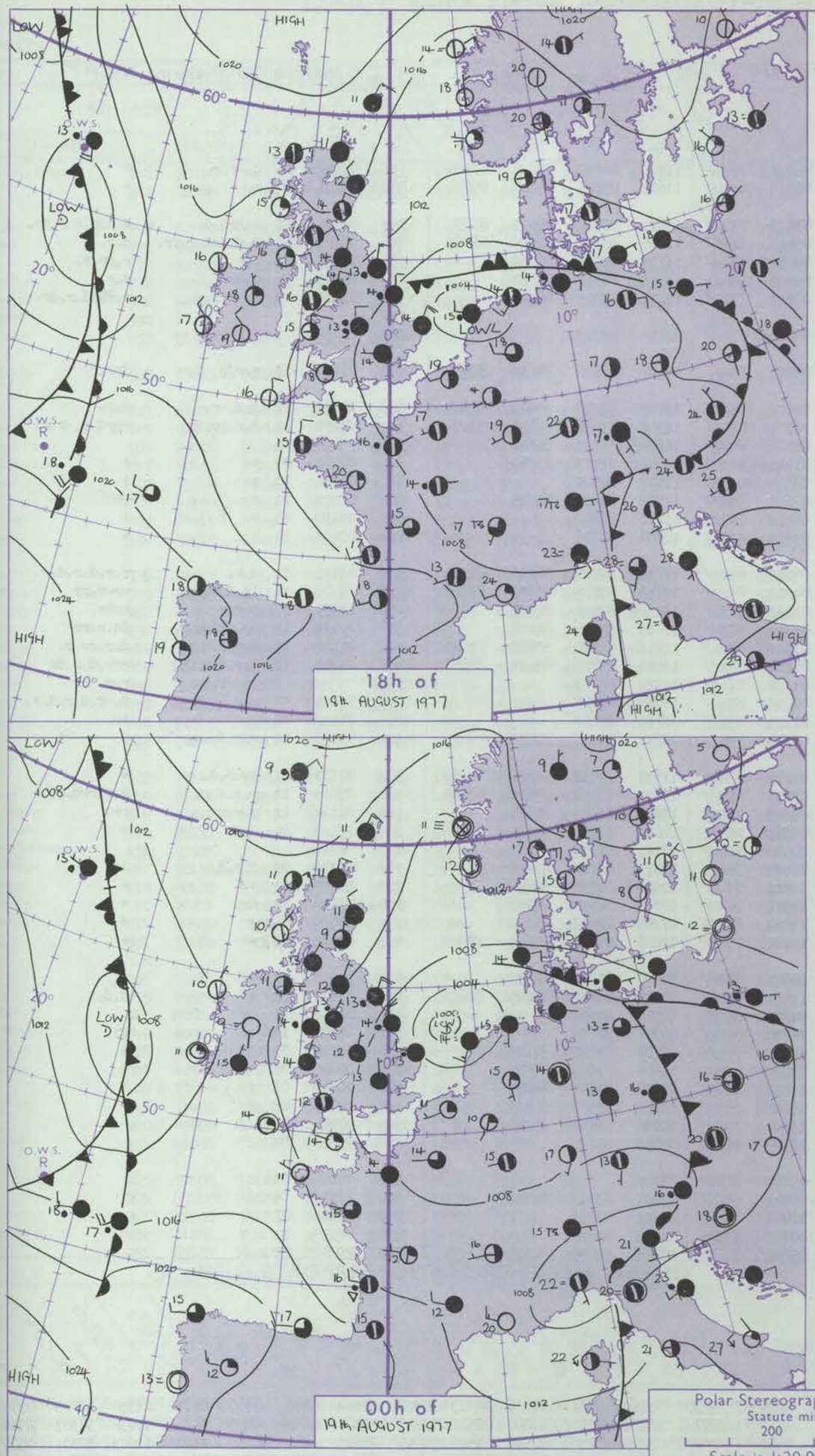
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18181	82508	98022	16713	2253/	00000	/////	/////	05109	11384	3////	25904
L	99571	70197	18184	81418	95616	08713	872//	00703	86705	88707	0//13	11405	30504	17807
M	99658	10004	18184	80206	97025	23609	863//	00708	/////	/////	05307	11052	30301	/////-
R	99461	70149	18184	82218	97606	20518	2857/	00722	81820	87360	0//16	11872	30402	04802

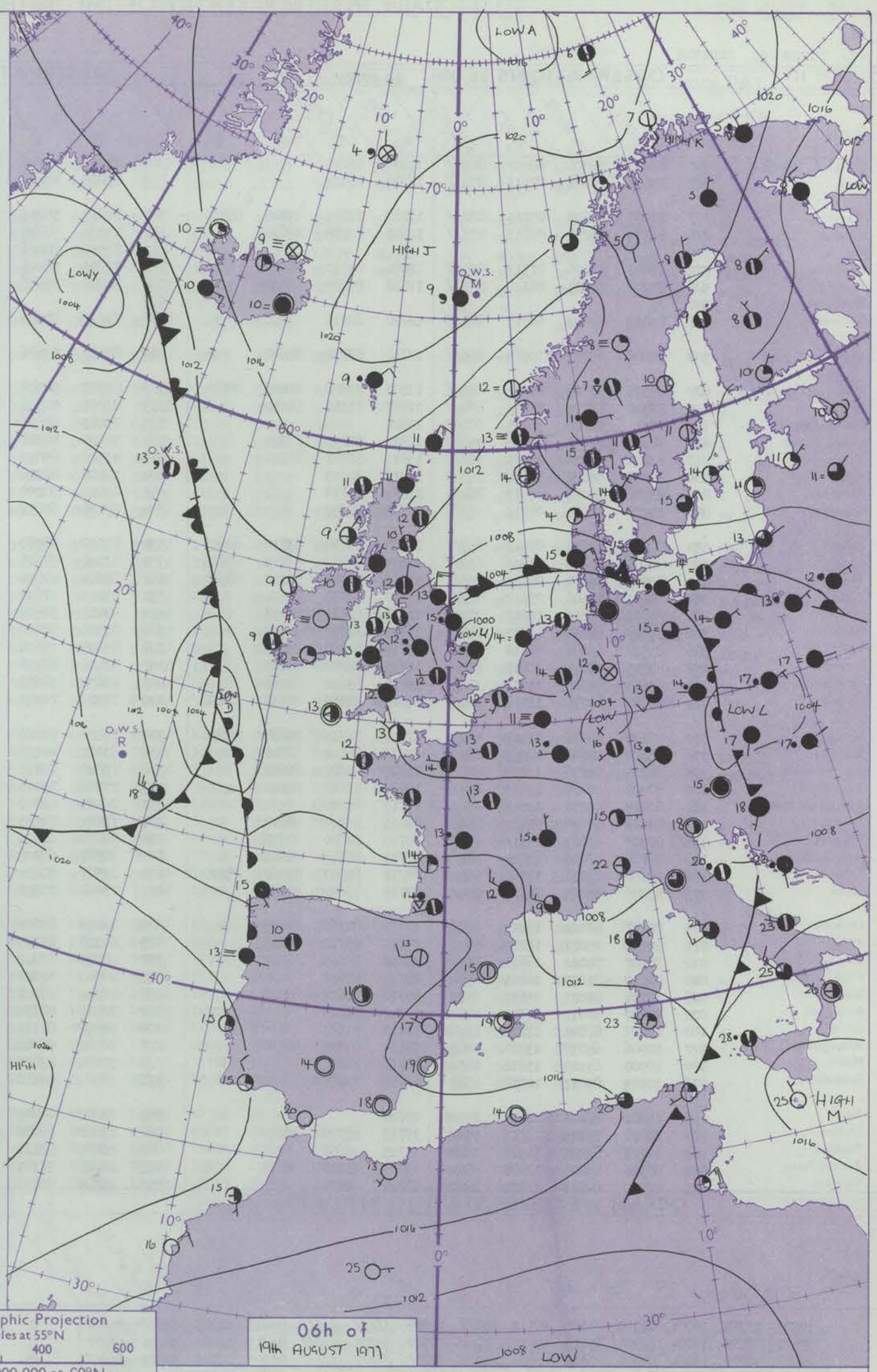
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE





Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **FRIDAY 19 AUGUST 1977**

During the past 24 hours a depression over north Germany moved slowly west to the southern North Sea. A further low west of the British Isles moved southeast towards southwest Ireland.

Ridge of high pressure persisted over northern districts. During the next 24 hours the depression over the North Sea will drift southwest towards east Anglia.

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

Code FM 11.V **OBSERVATIONS at 00h.** 19 AUGUST 1977

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	83606	58506	08012	862//	11400	88705		
Hurn	862	83607	60608	07813	874//	12706	88713		
Manston	797	80209	40632	05314	872//	13708	81705	85706	88709
Gatwick	776	80306	45215	06713	853//	12602	82708	88616	
Kew	775								
Heathrow	772	83605	58026	07313	854//	12004	84712	88622	
Honington	586	83208	50605	06112	853//	11810	85708	88632	
Wattisham	590								
Gorleston	497	83010	62602	04813	874//	12720	88715		
Aberporth	502	80206	65031	10814	854//	12710	83712	88620	
Filton	628	80308	58205	09012	853//	11805	83708	84620	88645
Rhoose	715	80305	70021	09213	854//	12807	81712	88622	
Hartland Point	703	03511	74010	10415	00900	13808			
Mount Batten	827	40105	58050	09813	45400	12812	82713	83625	
St. Mawgan	817	63206	62011	10914	663//	13811	81707	86710	
Scilly	804	20000	65020	12814	25500	13716	82623		
Culdrose	809	23306	59051	11412	26400	11811	82710		
Guernsey	894	23008	59051	09714	25700	12808	82650		
Elmdon	534	80106	57215	09212	853//	11708	83708	85710	88616
Cardington	559	80207	65606	07813	853//	12805	82709	85712	88648
Wittering	462	83507	56616	08112	853//	11706	83706	86709	88640
Watnall	354	83611	57506	09112	873//	11707	85708	88712	
Shawbury	414	83510	25616	10012	2742/	12811	82710	88457	
Finningley	360	83410	62216	08813	854//	12813	82710	88650	
Spurn Point	396	83519	66606	07614	854//	13718	84710	88625	
Leeming	257	83515	58616	10812	852//	12709	85704	88612	
Tynemouth	262	83624	69026	11513	3552/	13714	83620	88458	
Carlisle	222	80307	65216	12112	854//	10819	82710	85630	88656
Valley	302	80107	66616	11514	854//	12710	81715	86635	88656
Ringway	334	83607	58606	10313	854//	12708	86614	88620	
Squires Gate	318	80205	62616	11313	855//	11708	84628	88656	
Ronaldsway	204	80508	80026	11813	854//	10814	81713	88657	
Mull of Galloway	131	80708	84032	12913	856//	11712	88630		
Eskdalemuir	162	80109	62026	12711	863//	09816	85709	88713	
Prestwick	135	80305	62022	13513	855//	10710	84620	88656	
Abbotsinch	140	80706	57026	13214	854//	10713	86618	88635	
Leuchars	171	60106	75016	13709	25672	08712	82640	83362	85070
Dyce	091	83309	75022	14111	854//	09717	83612	87614	
Lerwick	005	80217	60022	15411	863//	10713	84706	88709	
Wick	075	80108	75022	15711	854//	09710	85712	88618	
Sule Skerry	010	80507	74022	16611	855//	09710	88625		
Cape Wrath	049	80910	81032	16211	855//	09710	88620		
Stornoway	026	40714	81021	15611	15532	09710	81625	83070	
Benbecula	022	20610	87011	14711	15402	10712	81615		
Tiree	100	10407	87021	13610	15501	10710	81627		
Aldergrove	917	40906	65030	13011	15630	09614	81645	84360	
Malin	980	20000	65100	13411	18502	10712	81820		
Belmullet	976	10105	80011	12510	15600	09715	81638		
Birr	965	01801	58101	12509	00900	08710			
Dublin	969	50000	75021	12511	554//	10712	82715	85650	
Shannon	962	10702	62021	11513	15700	12715	81650		
Roches Point	952	80306	65028	12215	885//	12709	81820	88637	
Valentia	953	20000	84011	11811	25600	10721	82634		

OBSERVATIONS at 06h. 19 AUGUST 1977

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	73105	57106	06312	7537/	11707	84709	86618	87365
Hurn	862	63205	56106	06612	65500	11603	83625	83640	85656
Manston	797	72909	58215	03113	753//	12611	82708	85615	87650
Gatwick	776	73104	58046	05112	6647/	11605	86712	83656	86362
Kew	775	72505	60026	05012	754//	11713	85715	86650	
Heathrow	772	72705	56026	05012	65471	11613	84712	85650	
Honington	586	82718	35636	00212	7722/	12733	87703	88510	
Wattisham	590								
Gorleston	497	82212	58636	98713	874//	12729	88718		
Aberporth	502	80408	59616	08713	854//	12607	82710	84630	88650
Filton	628	83303	50586	07212	853//	11705	82708	83620	88645
Rhoose	715	83202	40586	07512	6542/	12807	83616	86640	88459
Hartland Point	703	73603	66606	08313	6547/	12606	84710	86640	
Mount Batten	827	30000	40100	07711	18330	10609	81707	83359	
St. Mawgan	817	43307	65021	08713	42330	11510	84809		
Scilly	804	50000	80018	09613	58570	12712	82820	85625	
Culdrose	809	43211	58100	08312	28530	11712	82820		
Guernsey	894	53106	60011	07813	42302	12608	84706		
Elmdon	534	83210	56582	06112	6532/	11714	82707	86616	88550
Cardington	559	83210	57616	04212	852//	12719	81705	86708	88615
Wittering	462	83114	42656	03212	873//	11726	82706	88707	
Watnall	354	83211	57635	05311	873//	11715	83706	88707	
Shawbury	414	83413	32616	07311	6522/	11712	81704	83706	85645
Finningley	360	83316	56216	04112	853//	11723	83706	85618	88650
Spurn Point	396	83425	15616	01115	872//	14729	88705		
Leeming	257	83418	60206	06912	873//	11618	88708		
Tynemouth	262	83632	56602	07913	855//	12714	88620		
Carlisle	222	70109	70012	09812	754//	09811	85615	87630	
Valley	302	70108	70026	09213	65432	11710	81712	86656	
Ringway	334	83107	40636	07212	854//	11613	83714	85620	88640
Squires Gate	318	73610	70016	08313	755/2	10711	82625	87656	
Ronaldsway	204	70402	75016	09612	48432	10609	81713	83650	
Mull of Galloway	131	70507	82012	10512	756//	10711	87630		
Eskdalemuir	162	73611	75015	10410	7543/	08811	85712	86620	
Prestwick	135	80404	62022	11312	854//	10608	82618	88620	
Abbotsinch	140	80707	60022	11312	864//	10709	82713	88716	
Leuchars	171	73507	82032	11810	654/2	07708	82617	86620	
Dyce	091	73208	70052	12412	754//	10606	81710	83615	87620
Lerwick	005	80214	60022	14011	863//	10606	83708	88712	
Wick	075	80110	65205	13511	854//	10709	81712	85615	88620
Sule Skerry	010	80510	81022	14712	855//	10709	88620		
Cape Wrath	049	80910	82022	14210	855//	09707	88620		
Stornoway	026	70711	81021	13911	755//	08707	81620	87628	
Benbecula	022	70510	86031	13011	16302	10607	81706	87070	
Tiree	100	50406	87111	11809	20932	09608	82360	84072	
Aldergrove	917	70502	50041	11010	2573/	09710	82650	87359	
Malin	980	50000	82021	11711	15732	10606	81650	84359	
Belmullet	976	10502	58110	10909	15602	09607	81636		
Birr	965	00802	04444	11204	00900	03704			
Dublin	969	83602	62606	10412	854//	12607	83715	88632	
Shannon	962	20402	62111	10410	18401	08502	81712		
Roches Point	952	20609	56101	09912	18504	11608	81820		
Valentia	953	70504	84031	09809	15602	08605	81635	87070	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91111	11	d.-r.r.	+
Hurn	862	91121	10	r.	+
Manston	797	04131	12	r.Rrd.d.	d.d.r.d.r.pr.
Gatwick	776	95121	11	d.d.drd.r.rr.	d.r.
Kew	775	01121	10	r.r	r.rr.r.
Heathrow	772	04121	11	r.Rr	r.r
Honington	586	11121	11	d.-r.r.r	r.rRRd.r.dr
Wattisham	590				
Gorleston	497				
Aberporth	502	01121	11	r.rjp	jpr.r.
Filton	628	92121	11	d.d.-r.	d.r.
Rhoose	715	04121	11	d.r.rr.Rr	rRrd.r.-r.r.
Hartland Point	703	93132	12		
Mount Batten	827	00101	06	+	+
St. Mawgan	817	00121	10	+	+
Scilly	804	07121	10	+	pR
Culdrose	809	00110	08	+	+
Guernsey	894	00130	11	+	+
Elmdon	534	01111	11	d.r.	r.r.d.r.d.r.
Cardington	559	05121	11	id.d.r.ir.	rr.r.rr
Wittering	462	10121	11	r.r.r	rrRr.
Watnall	354	05111	11	ir.rRid.	id.r.rr
Shawbury	414	01111	11	d.r.r.r.r	d.r.rr.r.
Finningley	360	04121	11	d.r.d.r.drr	rrr.d.r.dr
Spurn Point	396			ir.-r.r.	r.r.-rr
Leeming	257	9'121	11	r.r.	d.-r.d.r.d.r.
Tynemouth	262	91122	10	+	ir
Carlisle	222	91120	11	r.r.ir.	+
Valley	302	94130	11	ir.r.r.	+
Ringway	334	05111	11	r.r.d.r.	r.r.rrd.r.
Squires Gate	318	01121	11	r.r.r	rr.
Ronaldsway	204	91120	10	r.r.	+
Mull of Galloway	131	00110			
Eskdalemuir	162	97101	09	d.r.d.	1d.
Prestwick	135	00110	11	+	+
Abbotsinch	140	97120	10	ir.	+
Leuchars	171	00070	05	+	+
Dyce	091	00111	11	+	+
Lerwick	005	00100	10	+	+
Wick	075	97111	10	+	d.d.
Sule Skerry	010	00100	11		
Cape Wrath	049	00090	10	+	+
Stornoway	026	00100	09	+	+
Benbecula	022	00090	08	+	+
Tiree	100	00080	01	+	+
Aldergrove	917	00080	05	+	+
Malin	980	9710	06		
Belmullet	976	9708	04		
Birr	965	9704	01		
Dublin	969	9711	04		
Shannon	962	9710	07		
Roches Point	952	9712	11		
Valentia	953	9708	07		

Code FM 21.V **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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19001	62310	97606	15513	60970	00609	/////	/////	00012	11388	3////	25/04
L	99572	70198	19004	82905	95616	09613	872//	00210	88705	/////	0//13	11400	30201	17807
M	99657	10002	19004	80306	97515	22508	863//	00708	/////	/////	05208	11009	30301	/////
R	99460	70145	19004	82517	97616	15718	5732/	00823	85707	88458	0//18	11793	30403	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19061	81711	97616	10213	8742/	00624	/////	/////	05112	11350	3//05	/////
L	99571	70198	19064	73112	96506	10512	753//	00307	82709	87620	0//12	11438	30303	17806
M	99657	10002	19064	80308	97505	21509	863//	00603	/////	/////	05108	11003	30301	/////
R	99460	70145	19064	63023	97036	12718	58402	00610	84815	83075	0//16	11810	30504	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42275

Date of Issue SATURDAY 20 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 19 AUGUST 1977

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	83111	70252	04214	884//	11711	83813	84618	88650
Hurn	862	72908	61032	04617	6853/	12812	86820	87358	
Manston	797	82412	40588	02213	6732/	13602	86709	88540	
Gatwick	776	72614	66206	03115	6547/	11810	86616	87360	
Kew	775	82508	58616	02914	5732/	12708	82706	85710	88540
Heathrow	772	82610	59616	02814	854//	13809	82712	83615	88628
Honington	586	82413	35636	98113	872//	12708	83703	87704	88706
Wattisham	590								
Gorleston	497	81911	62026	98915	864//	13208	88710		
Aberporth	502	73613	70026	06914	7243/	11808	87814		
Filton	628	83206	72216	04915	884//	11812	82815	87628	88640
Rhoose	715	72905	65216	05315	6847/	12812	81815	83640	86656
Hartland Point	703	70106	66026	06915	4843/	12708	83815	84625	87360
Mount Batten	827	70105	75251	05916	5857/	12711	82822	85650	87359
St. Mawgan	817	73609	75026	06916	784//	12608	83812	87656	
Scilly	804	40104	80021	08019	22502	14709	82820	84080	
Culdrose	809	63411	66051	06616	42530	12812	84820	86359	
Guernsey	894	52810	72011	06216	58430	12808	84810		
Elmdon	534	82913	45516	02812	852//	11820	81704	86709	88618
Cardington	559	82917	56636	00812	853//	12718	86706	88615	
Wittering	462	82914	35636	98913	852//	12720	84704	87705	88620
Watnall	354	83211	50586	00413	872//	12626	84705	88707	
Shawbury	414	83215	50606	04113	6542/	11819	82712	86645	88459
Finningley	360	80115	35586	00014	872//	13618	85704	86708	88712
Spurn Point	396	80520	50026	99015	852//	14500	85705	88625	
Leeming	257	80217	50586	03815	853//	14611	83707	85709	88615
Tynemouth	262	80525	56216	05914	873//	14605	88708		
Carlisle	222	70214	62012	07215	3547/	12714	81714	87362	
Valley	302	73616	75022	07315	784//	10709	84816	87624	
Ringway	334	83213	30586	03313	854//	12721	85712	88615	
Squires Gate	318	83412	65616	05114	6552/	11717	84620	86650	88460
Ronaldsway	204	70112	82032	08015	785//	09706	82822	87626	
Mull of Galloway	131	53605	80012	08417	58500	11709	82825	83650	
Eskdalemuir	162	70118	60015	07914	764//	11710	87710		
Prestwick	135	70612	75022	09614	754/1	09708	81618	83622	85626
Abbotsinch	140	70811	80022	09616	655/2	09610	81620	86630	
Leuchars	171	50520	70012	10015	38532	10608	82820	84075	
Dyce	091	73610	75012	10916	55430	11708	85616	85364	
Lerwick	005	70314	68012	13413	784//	12502	83815	87622	
Wick	075	70309	62052	12713	753//	12504	81708	84714	87630
Sule Skerry	010	80510	74022	13813	855//	11705	88625		
Cape Wrath	049	80909	60582	13210	872//	10604	88705		
Stornoway	026	80714	80032	12613	854//	10708	83618	88624	
Benbecula	022	40519	82011	11814	15402	09707	81616	84070	
Tiree	100	73610	87022	10615	18532	09705	81822	87072	
Aldergrove	917	73608	75022	09116	784//	10712	83816	86628	
Malin	980	40105	81031	10515	12532	11704	81820	83070	
Belmullet	976	43003	72011	10017	42500	12704	84821		
Birr	965	70505	60104	09416	785//	11710	85822	85642	
Dublin	969	80312	66026	08916	854//	10705	83715	88625	
Shannon	962	32302	75100	09118	22602	11709	82835		
Roches Point	952	31106	70011	08515	32501	11710	83820		
Valentia	953	63605	84012	08918	22502	13605	82825	86070	

OBSERVATIONS at 18h. 19 AUGUST 1977

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	82407	50636	01813	6532/	12714	84707	84628	88545
Hurn	862	82306	57616	02815	6542/	12712	81712	86615	88458
Manston	797	71905	64028	02015	6853/	13603	82820	85656	86359
Gatwick	776	82408	62618	02114	3342/	12707	81710	81918	88459
Kew	775	82110	60616	01313	5542/	12810	81712	85622	88556
Heathrow	772	82109	60636	01013	6542/	12611	81712	86623	88556
Honington	586	81608	56605	00113	873//	12211	85706	88710	
Wattisham	590								
Gorleston	497	81814	60022	01815	855//	12215	88625		
Aberporth	502	83517	63036	05213	854//	12605	87710	88630	
Filton	628	82809	38616	02113	854//	12711	83710	88618	
Rhoose	715	73211	70036	02815	785//	11606	81820	85628	87640
Hartland Point	703	73515	74022	05015	68531	12708	81820	86630	
Mount Batten	827	73213	75028	04218	68539	11608	85822	85650	
St. Mawgan	817	43313	70011	05915	38432	11603	83812		
Scilly	804	30211	71021	07316	32542	14501	83820		
Culdrose	809	33511	62051	05815	32430	11601	83818		
Guernsey	894	72908	68028	04815	5237/	12708	82708	83811	86360
Elmdon	534	83412	35596	00313	872//	13503	82704	88705	
Cardington	559	82511	40616	99113	872//	12608	82705	86707	88710
Wittering	462	80209	25586	98015	871//	15303	86702	88703	
Watnall	354	80213	30586	00513	872//	13206	88703		
Shawbury	414	73413	56606	02115	784//	13603	81711	83614	87650
Finningley	360	70411	70026	01715	784//	13307	82816	87635	
Spurn Point	396	80620	61026	01515	854//	13211	84710	88625	
Leeming	257	70313	57216	04515	753//	13303	84708	84620	87650
Tynemouth	262	80520	56216	06114	873//	14802	88708		
Carlisle	222	80509	62502	06515	854//	13104	81715	85624	88645
Valley	302	83514	65026	05415	6547/	12711	82618	86630	88458
Ringway	334	70110	68806	02516	784//	12202	85816	87632	
Squires Gate	318	80110	63586	04216	854//	13102	82616	85620	88640
Ronaldsway	204	70110	62046	06115	58432	11707	81818	85640	86075
Mull of Galloway	131	70518	74012	07216	5857/	12804	82820	85625	
Eskdalemuir	162	70213	67025	07514	48431	11501	83818	85363	
Prestwick	135	10710	65051	08517	18601	11503	81830		
Abbotsinch	140	20809	62051	08618	18601	11503	81830		
Leuchars	171	50315	70031	09615	35430	11702	83615	83359	
Dyce	091	73609	66021	10914	753//	12701	86708	87612	
Lerwick	005	70210	70022	13312	783//	11802	83708	83620	86627
Wick	075	80705	75032	12413	855//	09501	82620	88635	
Sule Skerry	010	70513	81012	12813	755//	11704	87625		
Cape Wrath	049	50911	70015	11711	55500	11710	85620		
Stornoway	026	50614	75031	10813	15502	11710	81620	85072	
Benbecula	022	70612	82021	10814	15402	10705	81616	87070	
Tiree	100	63408	87022	09515	00902	10706	86072		
Aldergrove	917	50409	68012	08216	15502	09805	81624	85070	
Malin	980	30108	82011	09714	12532	11702	81820		
Belmullet	976	50409	72031	09616	585/2	12702	83821	83640	
Birr	965	10207	70011	07918	15600	11706	81645		
Dublin	969	70210	66022	07416	4563/	09607	84645	87359	
Shannon	962	63410	80031	08018	6853/	11604	82828	85640	
Roches Point	952	62207	70011	07617	2853/	12806	81822	86359	
Valentia	953	23408	82011	08518	11502	13603	81824		

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	11151	000	pr.r.r.	r.r.rrR
Hurn	862	03171	005	r.r.	r.r.rR
Manston	797	04151	006	r.rrd.r.dr	pr.
Gatwick	776	01161	001	r.r.d.-d.r.	r.r.rprd.r.
Kew	775	06142	000	r.r.r-rrr.	rr.-r.r.
Heathrow	772	06141	000	r.r.r	r.rrd.r.d.r.
Honington	586	08131	000	Rrrdrd.r.d.r.	r.ir.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	97151	006	+	ir.
Filton	628	03151	001	r.ir.rr.rr.	r.drd.r.rr.dr
Rhoose	715	97171	001	r.r.-r.	r.
Hartland Point	703	97150	028		
Mount Batten	827	97190	054	pr.	+
St. Mawgan	817	00181	083	+0	+
Scilly	804	00190	105	+	+
Culdrose	809	00170	101	+	+
Guernsey	894	97170	085	+	pr.ir.
Elmdon	534	05131	000	r.rd.r.drd.	drd.r.d.
Cardington	559	21132	000	rrr.	rrRr.d.r.
Wittering	462	09152	000	r.rRdr	d.r.dr
Watnall	354	06141	000	ir.d.r.dr	d.r.drdr
Shawbury	414	94151	001	r.drd.r.d.d.	d.r.-r.pr.
Finningley	360	02151	000	drd.r.d.r.d.	+
Spurn Point	396			ir.	ir.r.r.
Leeming	257	02161	000	drd.r.d.r.r	r.
Tynemouth	262	07142	000	irRR	rr
Carlisle	222	97170	003	+	d.
Valley	302	97160	011	+	r.
Ringway	334	95161	000	r.r.d.r.	pr.
Squires Gate	318	95171	003	r.r.r	r.d.r.dr
Ronaldsway	204	97180	011	+	ir.
Mull of Galloway	131	00180			
Eskdalemuir	162	97151	039	1d.	+
Prestwick	135	00180	048	+	+
Abbotsinch	140	00190	061	+	+
Leuchars	171	00170	066	+	+
Dyce	091	00170	023	+	+
Lerwick	005	00150	010	+	+
Wick	075	00141	002	+	+
Sule Skerry	010	00130			
Cape Wrath	049	97121	018	d.r.	+
Stornoway	026	00130	027	+	+
Benbecula	022	00160	105	+	+
Tiree	100	00160	119	+	+
Aldergrove	917	00180	060	+	+
Malin	980	0016	030		
Belmullet	976	9719	087		
Birr	965	9719	070		
Dublin	969	9718	019		
Shannon	962	9720	096		
Roches Point	952	0018	073		
Valentia	953	0020	117		

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

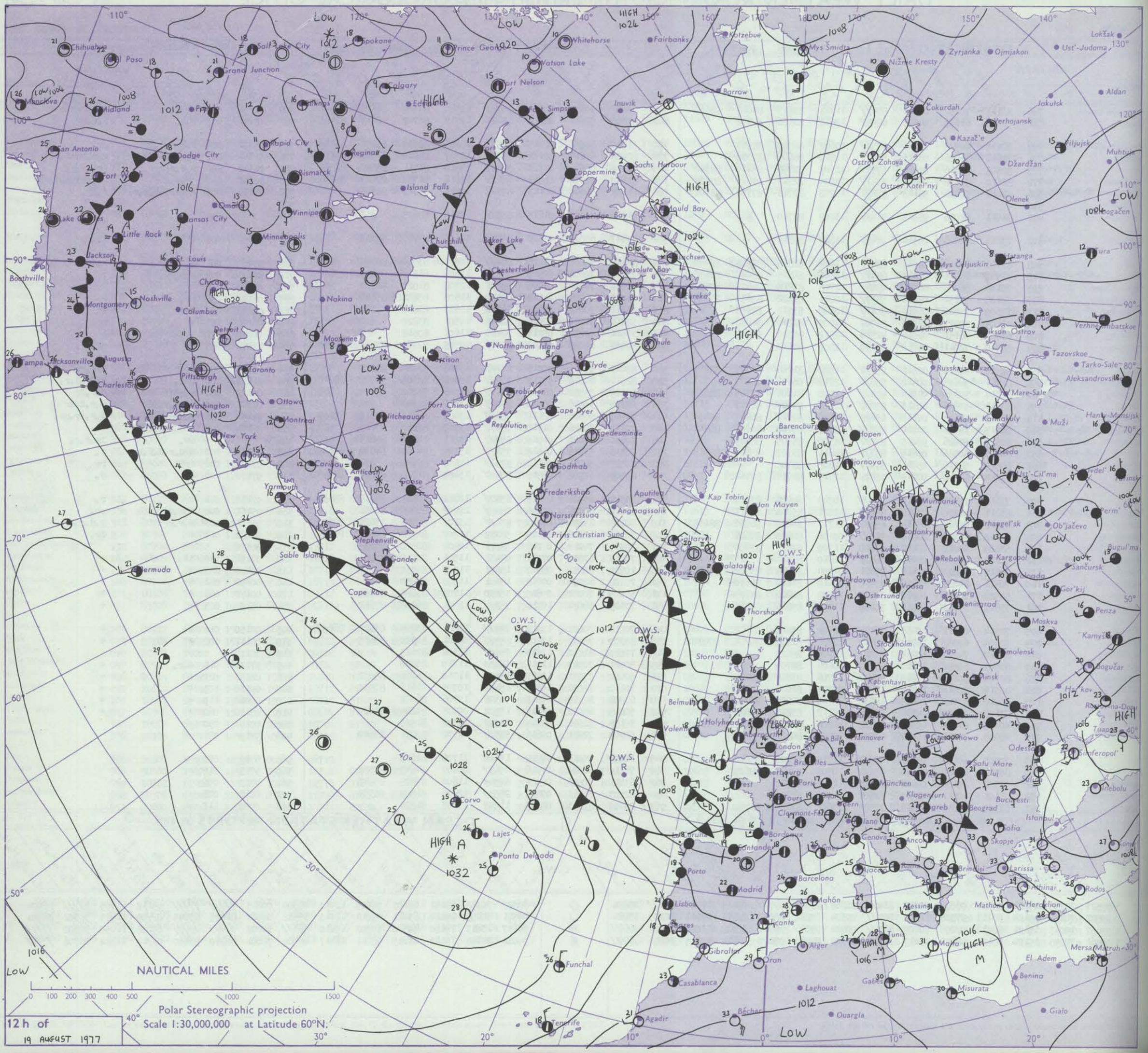
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	-99527	70355	19121	80304	96536	09913	864//	00208	/////	/////	05113	11361	3////	23904
L	99572	70198	19124	83113	97808	11412	884//	00304	85812	88620	0//11	11411	30303	17804
M	99657	10015	19124	80412	97205	20109	863//	00704	/////	/////	05308	11085	30302	/////
R	99461	70145	19124	63124	98032	11417	22582	00308	82820	85070	0//14	11805	30805	/////

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19181	70103	98025	12913	75500	00215	/////	/////	05112	11405	3////	16904
L	99571	70198	19184	63411	98018	11713	35532	00503	81625	83645	0//09	11423	30302	26804
M	99657	10013	19184	80510	97502	19410	863//	00702	/////	/////	05108	11050	30302	/////
R	99462	70148	19184	43125	98011	12117	48500	71001	82820	83650	0//14	11824	30706	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 19 AUGUST 1977

00h of 20 AUGUST 1977

06h of 20 AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 20 AUGUST 1977

During the past 24 hours a depression moved from the southern North Sea across the Wash into central southern England. A ridge of high pressure persisted over northern districts. During the next 24 hours the depression over southern England is expected to move south over Brittany, while pressure to the north of the British Isles remains high.

Code FM 11.V **OBSERVATIONS at 00h.** 20 AUGUST 1977

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	8 $N_s C h_s h_s$	8 $N_s C h_s h_s$	8 $N_s C h_s h_s$
Boscombe Down	746	82808	30516	00013	870//	12708	88701		
Hurn	862	82706	40606	01013	854//	13712	83710	88629	
Manston	797	21710	62011	02812	15630	11001	81640		
Gatwick	776	81710	50586	01113	4532/	12806	82709	84622	88459
Kew	775								
Heathrow	772	81507	60206	00513	853//	13601	86708	88615	
Honington	586	80906	56056	02412	857//	11108	88650		
Wattisham	590								
Gorleston	497	81305	64021	03615	857//	13103	88656		
Aberporth	502	83614	60052	04014	853//	13806	83708	88647	
Filton	628	80107	60016	00614	864//	13809	88713		
Rhoose	715	82805	66031	01614	855//	13805	86626	88650	
Hartland Point	703	83418	64022	03714	856//	13710	88640		
Mount Batten	827	83310	65022	03315	854//	12809	86715	88618	
St. Mawgan	817	83312	62616	04814	873//	12805	81709	85710	88712
Scilly	804	23612	66021	06614	25500	13709	82628		
Culdrose	809	73414	50051	04914	755//	11710	87620		
Guernsey	894	53307	75016	03214	35332	12710	81707	83628	
Elmdon	534	80312	50586	01213	872//	12107	88705		
Cardington	559	81309	56106	00913	863//	13212	84708	88712	
Wittering	462	80810	16516	02112	872//	12116	83704	86706	88710
Watnall	354	80511	50106	02412	862//	12006	85703	88707	
Shawbury	414	73512	59048	02514	4567/	12500	84630	87359	
Finningley	360	80507	50216	02914	852//	13102	82705	83708	88620
Spurn Point	396	81213	66026	03714	854//	13207	84710	88625	
Leeming	257	40205	40111	04813	25502	12801	82625	83075	
Tynemouth	262	80317	61026	06014	855//	14604	88620		
Carlisle	222	73404	67025	06014	6557/	12806	82620	86640	87362
Valley	302	70108	60022	04815	756//	13602	87640		
Ringway	334	33609	65018	02914	35400	12803	81615	83635	
Squires Gate	318	70307	65036	04314	6563/	13802	86630		
Ronaldsway	204	70112	68016	05714	1563/	11602	81635	87359	
Mull of Galloway	131	40315	74011	07213	38530	13400	81825	83630	
Eskdalemuir	162	60210	65508	07013	684//	11803	85711	86627	
Prestwick	135	20902	62050	08610	00901	09602	82075		
Abbotsinch	140	10304	62050	08811	15500	10804	81620		
Leuchars	171	50111	65012	09113	56400	11806	84712		
Dyce	091	83606	14401	10713	860//	12803	83700	88702	
Lerwick	005	83605	25101	13910	861//	10102	88702		
Wick	075	80502	62052	12512	863//	11802	85708	88713	
Sule Skerry	010	80510	74022	13012	855//	12102	88620		
Cape Wrath	049	30909	80011	12011	35500	10502	83620		
Stornoway	026	31108	70051	11012	15501	10101	81622	83070	
Benbecula	022	50606	80012	10310	00902	09704	85070		
Tiree	100	30205	84012	09412	15602	11801	81630		
Aldergrove	917	23506	40101	08509	00902	08000	82075		
Malin	980	31903	82010	09610	10932	09601	81359	83070	
Belmullet	976	20205	72031	09512	25600	11702	82640		
Birr	965	73605	60101	07713	785//	11801	82821	87638	
Dublin	969	83208	63102	06914	855//	10804	88626		
Shannon	962	23307	70021	08013	20930	11802	82359		
Roches Point	952	43011	70031	07314	15604	11802	81642	84074	
Valentia	953	00000	82010	09111	00900	11801			

OBSERVATIONS at 06h. 20 AUGUST 1977

Station	iii	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	8 $N_s C h_s h_s$	8 $N_s C h_s h_s$	8 $N_s C h_s h_s$
Boscombe Down	746	83102	20206	99413	870//	12500	88701		
Hurn	862	82904	25106	99815	853//	14604	83706	83712	88620
Manston	797	31608	56101	02613	18301	13501	81808	83075	
Gatwick	776	81308	38596	01213	852//	12303	83705	86707	88630
Kew	775	81108	45516	01313	873//	12304	84708	88715	
Heathrow	772	81007	50585	00913	854//	12305	87710	88614	
Honington	586	70704	26101	03011	655/2	10303	86620		
Wattisham	590								
Gorleston	497	61412	62031	03815	22504	13302	82825	86075	
Aberporth	502	60110	60051	02914	652//	13605	81703	86647	
Filton	628	83607	50105	00513	863//	12301	88708		
Rhoose	715	70108	64022	00915	784//	12502	82816	87622	
Hartland Point	703	83512	64032	02415	5532/	14606	83708	85650	88460
Mount Batten	827	73410	62012	01615	755//	13506	82620	87656	
St. Mawgan	817	73312	56016	02915	762//	13708	85705	87620	
Scilly	804	73209	60011	04915	785//	14606	82820	87628	
Culdrose	809	83313	56052	03214	884//	12704	82710	88630	
Guernsey	894	73006	56106	01713	7523/	13607	82703	83624	85640
Elmdon	534	80407	30506	02212	872//	12205	86704	88707	
Cardington	559	51109	40102	02112	55600	12307	85635		
Wittering	462	60607	22105	03111	653//	11306	83707	83620	86645
Watnall	354	70505	30105	03512	752//	11205	83705	84625	87645
Shawbury	414	70306	30106	02613	753//	12301	82709	85618	87640
Finningley	360	50605	40106	04013	55600	12306	85645		
Spurn Point	396	60809	60011	04415	654//	13301	84710	86625	
Leeming	257	73604	15104	04913	754//	13303	82710	83622	87640
Tynemouth	262	60605	39106	05714	00906	14302	86275		
Carlisle	222	60203	64212	04914	684//	13505	81711	83616	86645
Valley	302	60107	68012	03914	65300	13503	81708	83628	
Ringway	334	70608	60015	03513	755//	11205	84625	87640	
Squires Gate	318	70405	65011	03814	754//	12501	82615	87645	
Ronaldsway	204	70305	62606	04613	4543/	12502	81710	84636	87358
Mull of Galloway	131	70321	65031	05513	755//	11608	87625		
Eskdalemuir	162	80108	58516	05713	873//	12605	84708	88712	
Prestwick	135	80407	48586	06513	7542/	12611	81711	83614	86617
Abbotsinch	140	80408	65616	06913	854//	11610	82714	86620	88656
Leuchars	171	80315	57215	06714	852//	13715	87705	88640	
Dyce	091	80413	20636	08813	871//	13611	81702	88703	
Lerwick	005	60305	57104	13311	58030	11601	81701	85628	
Wick	075	80507	07465	11412	860//	12706	86700	88702	
Sule Skerry	010	80713	74022	12012	855//	12706	88625		
Cape Wrath	049	50913	58401	11611	32430	11310	83815	85360	
Stornoway	026	41006	75011	10411	35801	10706	83657		
Benbecula	022	70806	80022	09509	15632	09503	81630	87070	
Tiree	100	70606	70110	08410	38532	10704	81820	83633	85272
Aldergrove	917	63606	25041	06909	25432	08710	82616	83360	
Malin	980	42005	75030	08409	10932	08606	81359	84075	
Belmullet	976	60105	77021	08311	25532	10707	81720	86361	
Birr	965	03504	30101	07208	00900	07605			
Dublin	969	73308	57102	06012	755//	10605	83620	87640	
Shannon	962	53602	25101	07210	30932	10606	83360		
Roches Point	952	73115	56101	06513	6567/	11605	86642	83362	
Valentia	953	60000	82021	07809	38502	08608	81820	86070	

OBSERVATIONS during NIGHT

Station	iii	RR $T_n T_n$ E	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	03121	11	rd.r.Rd.d.-r.	d.d.f
Hurn	862	03131	13	r.rR	r.d.
Manston	797	00110	09	+	+
Gatwick	776	08121	12	r.d.r.d.r.d.r	r.rdrd.r.rr
Kew	775	02131	12	r.	r.rRd.
Heathrow	772	01131	12	d.r.d.r.d.d.	d.d.-r.dr
Honington	586	00091	07	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00131	11	+	+
Filton	628	01131	12	drd.r.rR	d.d.
Rhoose	715	00131	12	+	+
Hartland Point	703	00140	13		
Mount Batten	827	00141	13	+	+
St. Mawgan	817	97131	12	r.r.	+
Scilly	804	00131	11	+	+
Culdrose	809	00130	11	+	+
Guernsey	894	03132	11	+	d.r.ir
Elmdon	534	91121	12	d.-d.r.	d.-d.r.
Cardington	559	92111	09	ir.	+
Wittering	462	95111	11	drd.r.d.d.	+
Watnall	354	92121	12	d.r.id.	d.
Shawbury	414	91121	11	r.d.r.	d.r.
Finningley	360	02121	11	r.rR	+
Spurn Point	396			ir.	+
Leeming	257	00111	09	f	+
Tynemouth	262	05141	12	rrir	+
Carlisle	222	97130	12	+	r.
Valley	302	00140	13	+	+
Ringway	334	92131	12	d.	d.d.
Squires Gate	318	00131	10	+	+
Ronaldsway	204	95130	12	r.r.	rir.
Mull of Galloway	131	97120			
Eskdalemuir	162	92121	10	pr.d.-d.r.d.r.	d.r.d.f.dodo
Prestwick	135	02091	05	+	ir.d.r.
Abbotsinch	140	95111	05	ir.	r.r.d.r.
Leuchars	171	01131	11	d.	d.d.r.d.d.
Dyce	091	08121	11	fd.ir.	r.rrd.r.
Lerwick	005	00091	07	ff	+
Wick	075	97121	11	id.	d.d.ffFF
Sule Skerry	010	00110	11		
Cape Wrath	049	00101	10	+	if
Stornoway	026	00101	07	+	+
Benbecula	022	00090	04	+	jf
Tiree	100	00080	02	+	+
Aldergrove	917	00070	01	+	+
Malin	980	9709	05		
Belmullet	976	9710	07		
Birr	965	9707	05		
Dublin	969	0012	10		
Shannon	962	9710	08		
Roches Point	952	0012	11		
Valentia	953	9709	06		

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

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s C h_s h_s$	8 $N_s C h_s h_s$	$O T_s T_s T_d T_d$	$I T_w T_w T_w T$	$3 P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	20001	82703	98022	16313	855//	00216	/////	/////	05012	11398	3////	///04
L	99571	70199	20004	73111	98032	12012	755//	61301	84625	87645	0//08	11428	30302	26804
M	99657	10013	20004	80709	97505	19309	863//	00400	/////	/////	05208	11046	30301	/////
R	99463	70155	20004	33313	98030	13016	20932	00501	82360	83070	0//12	11755	30804	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Ndd ff	VV ww W	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	8 $N_s C h_s h_s$	8 $N_s C h_s h_s$	$O T_s T_s T_d T_d$	$I T_w T_w T_w T$	$3 P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	20061	82605	98036	17413	855//	00302	/////	/////	05112	11373	3////	///03
L	99570	70206	20064	73110	98032	12013	3547/	61302	82710	83625	0//10	11453	30302	26804
M	99657	10012	20064	80708	97515	18709	863//	00703	/////	/////	05207	11043	30302	/////
R	99466	70160	20064	63409	98031	11316	65600	00605	86640	/////	0//11	11744	30803	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42276

Date of Issue SUNDAY 21 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 20 AUGUST 1977

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	71203	62635	01315	5837/	13209	82706	84628	86358
Hurn	862	81202	62035	01117	883//	14107	81708	86815	88640
Manston	797	30908	62030	02918	12502	11003	81820	83075	
Gatwick	776	71608	59046	02717	7843/	13207	81815	86656	
Kew	775	31407	75026	02618	32531	11104	83824		
Heathrow	772	41105	68016	02518	32530	13105	83823		
Honington	586	50708	70021	02819	58501	11803	84826		
Wattisham	590								
Gorleston	497	40408	60021	04116	22570	13400	82825	84358	
Aberporth	502	60208	70022	03616	685//	13205	82820	83625	85640
Filton	628	80408	28512	02014	872//	13208	81703	84706	88710
Rhoose	715	80407	65032	02115	884//	13207	82813	86618	88650
Hartland Point	703	60115	64012	02916	3847/	13004	81812	83650	85360
Mount Batten	827	83509	64022	02017	6247/	13003	81712	86815	88360
St. Mawgan	817	73113	62032	03216	683/2	14104	82706	85812	
Scilly	804	83411	62028	05416	885//	14102	86820	88628	
Culdrose	809	73318	62258	03516	4857/	13204	84820	83635	85362
Guernsey	894	83110	57056	02115	853//	14205	82708	83710	87615
Elmdon	534	70611	68025	03317	785//	12106	84820	83628	
Cardington	559	60908	62022	02819	52502	12002	85825	84075	
Wittering	462	30706	75011	03518	32500	11000	83825		
Watnall	354	50710	70012	04019	52500	11000	85825		
Shawbury	414	70808	65022	03517	785//	12102	85820	86656	
Finningley	360	70709	70021	04318	784//	12000	82818	87645	
Spurn Point	396	80308	60051	05415	856//	14003	88635		
Leeming	257	70409	70042	05517	785//	11001	84820	87650	
Tynemouth	262	80706	16102	07015	863//	15205	88708		
Carlisle	222	60708	66012	05418	58532	13001	83823	83640	
Valley	302	70308	75011	04418	785//	12204	82820	87640	
Ringway	334	50811	65035	03919	58500	11001	84825		
Squires Gate	318	71009	75011	04419	58531	11001	83825	83640	
Ronaldsway	204	40809	66016	05018	28431	12204	81816		
Mull of Galloway	131	80905	81026	05717	3251/	13102	83825	88460	
Eskdalemuir	162	80706	67038	06216	7853/	11304	83825	86645	
Prestwick	135	70408	65216	06116	6847/	13802	81712	83618	86645
Abbotsinch	140	70708	65026	06416	754//	13500	82713	83618	86645
Leuchars	171	50814	50055	08116	55200	13213	81705	85656	
Dyce	091	80908	40106	09315	860//	14109	83701	88703	
Lerwick	005	70508	65022	13913	783//	11003	82708	83818	87630
Wick	075	70910	75026	11514	2847/	13302	81812	86359	87362
Sule Skerry	010	70713	64032	12313	3557/	13400	82625	87360	
Cape Wrath	049	90915	02474	11312	9////	12602	89/00		
Stornoway	026	60511	80011	10015	38532	12804	81825	83656	85070
Benbecula	022	70808	82022	09317	25532	11601	81626	83360	86070
Tiree	100	70710	66022	07917	18692	11703	81830	85360	
Aldergrove	917	80307	68022	06315	863//	12301	82709	88710	
Malin	980	70206	70606	07714	55474	12500	81715	85645	87459
Belmullet	976	63609	80032	08316	58532	12301	83820	83640	
Birr	965	73408	61051	06218	625/2	12708	86823		
Dublin	969	83610	65505	05714	864//	12400	85713	88630	
Shannon	962	63606	75034	06918	52542	11504	85826		
Roches Point	952	33108	62011	05819	38500	10106	83824		
Valentia	953	73307	70031	07517	42502	12801	84823	84070	

OBSERVATIONS at 18h. 20 AUGUST 1977

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	60706	70018	02416	5847/	13306	81818	85650	85358
862	61605	61012	02417	68300	13206	81709	85650	
797	40808	61030	02717	35730	12500	82650		
776	32304	70021	02318	38600	12301	81832		
775	32505	65021	02618	38501	13400	81828	83650	
772	42803	65018	02617	48500	13204	81828	83656	
586	70902	50808	03114	796//	13105	87930		
590								
497	80303	62606	03715	3252/	13603	83825	88458	
502	80105	65252	04215	885//	13303	82820	88640	
628	80505	59036	03015	884//	14206	82615	83820	88645
715	80507	59052	02716	884//	14104	82812	83628	88645
703	70108	64022	03316	3857/	14301	82820	83640	87360
827	83508	68022	02517	7852/	13304	82820	87640	88460
817	73312	58052	03616	722//	14303	81704	86706	
804	53310	60021	05516	28532	13301	81820	84075	
809	53413	50052	03816	42330	13202	82709	83820	
894	82803	62022	02515	855//	13101	83620	87645	
534	70512	63151	03517	785//	13304	85822	83634	
559	80708	45619	03514	895//	14307	85920	88640	
462	70608	70021	04015	5547/	12307	81710	85650	87359
354	70308	60021	04416	757//	12203	84650	87656	
414	70707	62252	03418	734//	13301	81816	84922	
360	40405	60258	04616	48500	14502	83820		
396	70310	32052	04916	754//	14602	84715	87625	
257	70212	56042	05917	756//	13302	81630	87657	
262	80809	39102	07615	863//	15203	88706		
222	80606	56046	06416	855//	14207	82620	84632	88650
302	60309	65042	04917	656//	11203	86645		
334	70608	62021	04317	7577/	11105	87650		
318	70710	70012	04817	746//	13203	82640	87656	
204	71002	65031	05517	653/1	12400	81708	86656	85075
131	73602	70022	06117	756//	13202	82630	87656	
162	80206	60028	07414	884//	13205	82712	84824	88645
135	70907	57048	06617	785//	13206	81822	87645	
140	70712	56048	07316	754//	13211	82714	84630	87650
171	80814	56202	08814	861//	13002	85702	88703	
091	80807	30596	10413	872//	13205	81704	83707	88712
005	70508	80022	14113	754//	11301	81712	87627	
075	70910	68056	11513	3547/	12502	81618	83650	85359
010	80912	64022	11914	855//	13801	88625		
049	80912	74024	10212	863//	11301	88708		
026	70910	80212	09114	35531	12604	81620	83650	85364
022	70509	85022	08415	753//	13502	81708	85630	87650
100	80307	84146	07415	5857/	13601	81825	85650	88459
917	73607	70012	06415	784//	12301	81814	87650	
980	83302	75026	07515	5547/	12601	81716	85640	88459
976	63510	78031	08315	585/2	11101	82820	83640	
965	70507	70031	05717	785//	12204	86825	83640	
969	73608	65026	05915	764//	13500	82711	84715	86622
962	63212	80022	06318	12504	11302	81826	85070	
952	73014	70031	05219	585/2	11501	84822	85074	
953	73512	70022	07816	32532	12205	83823	87070	

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	01181	005	d.rr.prpr.	pr.
862	00171	006	+	+
797	00200	120	+	+
776	03191	045	rrRr.	pr.
775	95201	048	+	pr.pr
772	01191	035	+	pr.
586	01191	053	+	pr.prd.r.
590				
497		071		
502	92171	016	+	pr.
628	03161	000	d.d.	r.rR
715	97161	008	+	r.
703	00160	014		
827	97181	015	jp	pr.d.
817	00181	060	+	+
804	97170	027	pr.	+
809	97180	070	pr.	+
894	92161	001	r.r.ir.	+
534	00201	024	+	jp
559	02201	051	+	pr.t.r.r
462	00201	078	+	+
354	00201	053	jp	jp
414	91201	011	+	pr.
360	02191	028	+	r.pr
396			+	+
257	92181	012	+	pr.
262	00151	003	+	+
222	97210	036	+	ir.
302	00190	030	+	+
334	00201	047	+	+
318	00220	048	+	+
204	00190	057	+	+
131	97180			
162	95171	007	d.d.pr.	r.
135	97191	006	ir.pr.	ir.
140	01191	007	pr.pr	ir.
171	95161	015	+	dr.r
091	03151	000	r.d.dr	d.d.dr
005	00140	003	+	+
075	02151	000	FFir.r.r.	rr
010	91151			
049	00121	001	if	+
026	97160	051	+	r.
022	00180	070	+	+
100	91170	015	+	ir.r
917	00160	001	+	+
980	9715	033		
976	9717	071		
965	9720	064		
969	0115	002		
962	9720	121		
952	0021	081		
953	0018	049		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

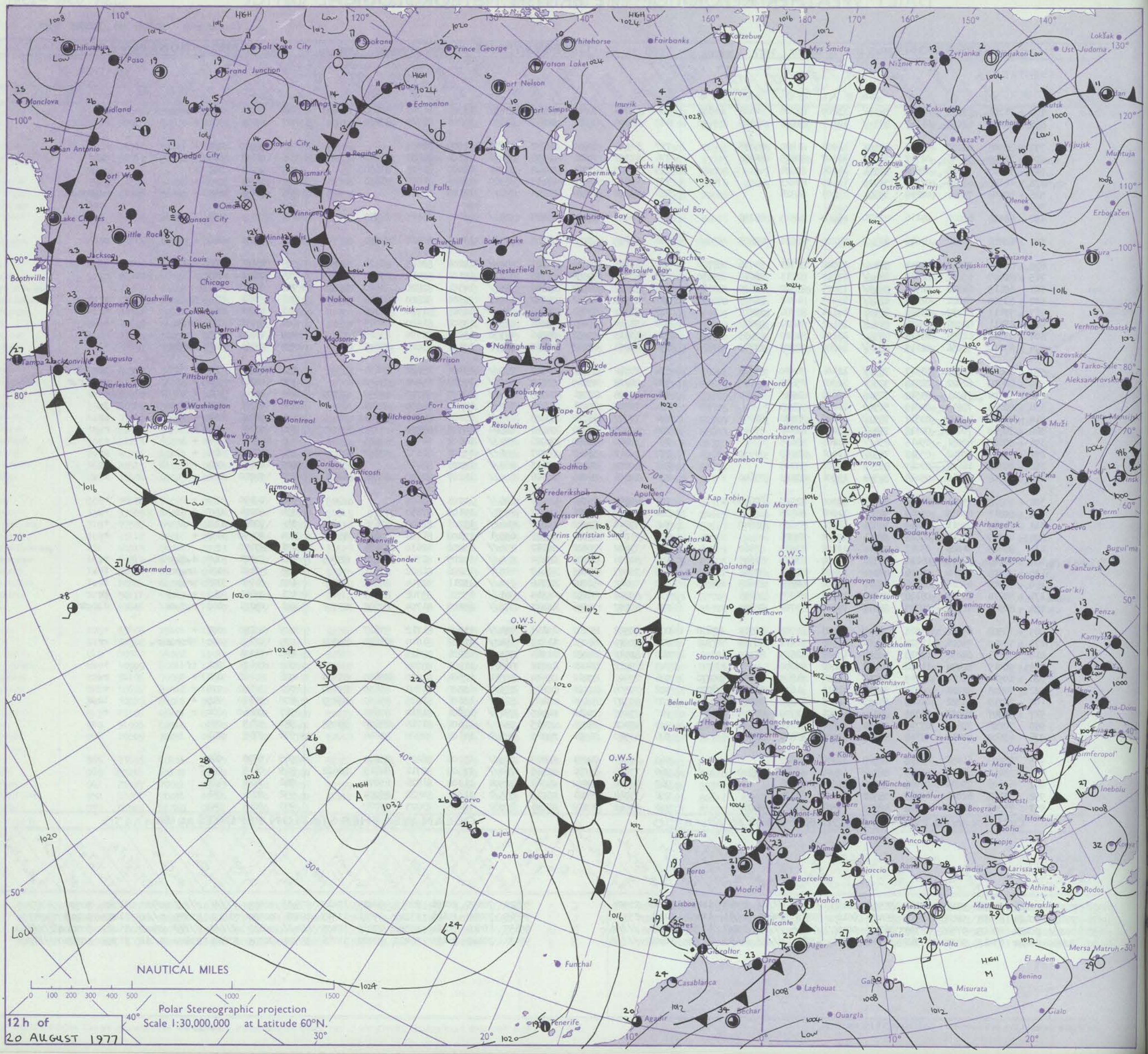
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20121	82106	98022	18313	5855/	00400	/////	/////	05013	11409	3////	23904
L	99570	70206	20124	63409	98018	12913	58470	00109	82818	84625	0//11	11453	30201	25804
M	99657	10011	20124	80609	97505	18709	863//	00400	/////	/////	05208	11065	30302	/////
R	99468	70164	20124	33415	98020	13517	32500	00211	83820	/////	0//12	11798	30802	/////

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	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20181	82610	98025	18413	855//	00305	/////	/////	05111	11383	30504	/////
L	99569	70205	20184	43209	99031	13513	38431	00300	81818	83635	0//08	11485	30202	24803
M	99657	10010	20184	80306	97022	18408	864//	00601	/////	/////	05407	11067	30301	/////
R	99471	70169	20184	53420	98022	14716	58530	00305	83820	83640	0//12	11798	30803	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 20 AUGUST 1977

00h of 21 AUGUST 1977

06h of 21 AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 21 AUGUST 1977

During the past 24 hours a complex area of low pressure has persisted over much of western Europe. A small low centre moved southwest across southern England while another shallow low moved slowly northeast over France. The large anticyclone near the Azores has remained slow-moving and a ridge of high pressure has persisted from the Polar anticyclone southeast to the Norwegian Sea. During the next 24 hours the centre of low pressure is expected to move slowly east into Germany but little change is otherwise expected in the synoptic situation.

Code FM 11.V **OBSERVATIONS at 00h.** 21 AUGUST 1977

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	53002	58101	03911	45701	11201	84650		
Hurn	862	00000	08461	03810	00900	10203			
Manston	797	80706	58611	03015	2247/	14801	82810	88358	
Gatwick	776	70000	45118	03314	757//	13501	87650		
Kew	775								
Heathrow	772	80103	45058	03415	856//	13001	84638	88646	
Honington	586	50203	25108	03712	55300	11102	82707	84650	
Wattisham	590								
Gorleston	497	60109	64016	04115	1252/	12400	81825	86458	
Aberporth	502	60705	62012	05215	3563/	13301	83630	86362	
Filton	628	80505	50212	04213	857//	13202	88650		
Rhoose	715	20302	65016	04013	25700	12004	82650		
Hartland Point	703	80103	62606	04515	854//	15106	83710	88618	
Mount Batten	827	80305	57058	03715	853//	13104	83708	88623	
St. Mawgan	817	63305	56102	04614	55201	13104	82704	84620	
Scilly	804	83008	60818	06415	885//	14102	84820	88625	
Culdrose	809	83005	35101	04715	862//	14101	81703	88704	
Guernsey	894	83106	20586	03214	870//	14000	83700	85701	88703
Elmdon	534	73501	40101	04913	753//	13001	81709	87616	
Cardington	559	80302	50106	04113	853//	13000	86708	88615	
Wittering	462	80106	50106	04314	852//	13002	83705	83707	88612
Watnall	354	60307	30101	05213	653//	12000	81706	83712	85645
Shawbury	414	83505	58042	05414	854//	12104	86614	88656	
Finningley	360	80205	35101	05614	854//	13302	81617	88640	
Spurn Point	396	10406	62011	05914	10970	13206	81360		
Leeming	257	80208	40258	06914	883//	13002	82706	84814	88640
Tynemouth	262	80811	69022	08615	855//	14103	88620		
Carlisle	222	70707	60031	07614	754//	13205	82712	83620	86650
Valley	302	70406	62042	06015	756//	12104	87645		
Ringway	334	70605	58602	05715	756//	13105	87640		
Squires Gate	318	50305	57041	06214	55600	12203	81640	84656	
Ronaldsway	204	80304	62022	06615	857//	12204	88650		
Mull of Galloway	131	80608	66602	07414	855//	13203	88625		
Eskdalemuir	162	60406	58056	08813	664//	12206	86712		
Prestwick	135	80804	56046	08314	856//	12305	83632	88650	
Abbotsinch	140	70706	58046	08715	753//	14103	81707	83714	85630
Leuchars	171	80813	62026	10214	854//	13206	82711	86616	88628
Dyce	091	71202	58106	11513	753//	12105	81706	85710	87616
Lerwick	005	80304	82032	14811	854//	10001	88618		
Wick	075	41007	50101	12313	36130	12101	83702		
Sule Skerry	010	80911	66026	12713	855//	13202	88620		
Cape Wrath	049	90911	02474	10712	9////	12107	89/00		
Stornoway	026	81213	80022	09314	857//	12400	88650		
Benbecula	022	80906	75205	09013	855//	13103	81621	88629	
Tiree	100	80805	62606	08314	6562/	13204	86640	88458	
Aldergrove	917	73602	40104	07611	7093/	11201	87359		
Malin	980	20000	80011	08212	15432	11201	81716		
Belmullet	976	40103	77012	08912	45402	10101	81719	84638	
Birr	965	73303	60808	07813	785//	12205	83820	87636	
Dublin	969	83602	58106	07014	854//	13301	83710	85620	87657
Shannon	962	33404	70012	07813	30930	11107	83358		
Roches Point	952	82910	62218	07214	3647/	12500	83717	88458	
Valentia	953	10106	70011	08713	00902	11003	81070		

OBSERVATIONS at 06h. 21 AUGUST 1977

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	73505	25101	03512	762//	11101	87705		
862	83305	15404	03512	857//	12301	88650		
797	70305	70026	02214	5848/	12502	84811	84650	86359
776	73201	17106	02813	7537/	13500	81708	83613	87624
775	70306	56052	03314	753//	12602	86707	87635	
772	70105	40052	03214	753//	13203	86708	87635	
586	93503	01454	03211	9////	11601	89/00		
590								
497	23305	32104	03311	22500	11703	82825		
502	80000	57056	05214	5577/	13302	85650	88462	
628	70404	15101	04312	753//	12301	83706	85656	
715	70000	56101	04213	755//	13303	81620	87650	
703	70506	62012	04415	7093/	13302	87360		
827	50702	56102	03913	35731	12302	83656		
817	73505	20108	04414	783//	14101	83707	86812	
804	43407	60038	05814	20931	13501	82360		
809	63410	35258	04414	68300	14500	82709	85625	
894	70305	30106	02914	751//	14500	84702	85704	86707
534	73504	50042	04813	753//	11202	81709	84613	87630
559	80304	30102	04012	854//	12301	83710	88620	
462	73507	30106	04113	762//	12602	86703	87707	
354	40205	35101	05213	46200	12701	82704		
414	80105	22102	05014	854//	13301	86619	88650	
360	83405	22622	04913	872//	13803	86703	88708	
396	70305	57101	04914	5547/	14603	84710	85625	87360
257	70309	62016	06814	6547/	13303	84614	85620	87360
262	30612	66021	08614	30930	13400	83358		
222	60709	64021	07614	5843/	12302	81715	85645	
302	60607	58042	05715	657//	12501	86650		
334	30203	57018	05314	38400	12500	81815		
318	70306	64012	05815	785//	13603	81822	83625	87656
204	70411	62036	06214	4843/	13702	81716	84650	87358
131	40917	70011	06714	25630	12705	82645		
162	70208	65025	08912	764//	10501	87710		
135	60902	70031	08411	685/1	10500	81825	85650	
140	60808	60041	09014	68400	12302	81712	86645	
171	70408	62032	10314	752//	13500	87705		
091	70000	15284	11511	760//	11501	84700	87701	
005	70308	80032	14211	6567/	09501	83630	85650	
075	51005	09424	12212	36030	11602	83700	84362	
010	91009	09472	11812	9////	12704	89/00		
049	50912	80014	10512	45501	11605	84620		
026	71311	75032	09013	2573/	12502	82650	87362	
022	81902	62606	08813	854//	13301	86713	88626	
100	81508	65616	08114	7552/	13602	82620	86630	88458
917	70503	20216	07213	753//	13603	82708	84614	87620
980	81703	62101	07812	854//	12603	83718	88638	
976	73304	80011	08313	755//	10605	82721	87637	
965	83602	58108	07412	864//	11501	86711	88633	
969	82803	20606	06813	862//	12502	88704		
962	43404	05464	08111	46002	10501	82701	83702	
952	53315	56102	07413	46401	12303	82717	83635	
953	30000	70030	08508	18501	08603	81820	83070	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00111	07	+	+
862	00091	06	ff	jf
797	95130	12	ir.r.r.ir.	pr.
776	97131	13	pr.prpR	r.
775	00141	12	+	+
772	00141	13	+	+
586	97091	07	d.r.f	fFFff
590				
497				
502	01131	12	r.r	+
628	97121	07	r.	+
715	00131	09	+	+
703	03141	13		
827	97121	09	d.	+
817	07131	11	prpr.	pr.
804	05132	10	pRpr	+
809	97141	13	+	pr.
894	95131	12	id.d.r.f	+
534	00131	10	+	+
559	00111	09	+	+
462	91121	11	r.	r.
354	00121	10	+	+
414	00131	12	+	+
360	01121	10	+	r.rRir.
396			+	ir.
257	01141	13	pr.r.	r.
262	00141	13	+	+
222	00130	10	+	+
302	00140	12	+	+
334	97130	11	r.pr.	r.
318	91131	10	+	r.pr.
204	97130	12	ro	r.r.
131	00130			
162	97121	10	r.id.	id.
135	97110	04	ir.	+
140	97130	11	ir.	+
171	97131	12	r.	+
091	00091	03	jf	ff
005	00110	09	+	+
075	00111	09	jf	ifff
010	96100	11		
049	00111	11	iF	+
026	00130	12	+	+
022	03131	12	id.ir.	id. ir.r
100	02131	12	r.	r.rR
917	94111	08	fr.	r.-r.r.
980	9711	07		
976	9709	06		
965	9412	10		
969	9111	10		
962	9711	09		
952	0813	12		
953	9708	06		

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

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_r$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21001	83103	98022	18713	855//	00704	/////	/////	05111	11385	3////	///04
L	99569	70204	21004	73312	98021	13613	784//	00801	83818	87635	0//07	11471	30202	24804
M	99657	10009	21004	80502	97025	17808	864//	00703	/////	/////	05406	11064	30000	/////
R	99473	70170	21004	63316	98031	17015	68500	00108	82820	85640	0//12	11759	30803	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_r$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21061	82202	97022	16613	855//	00613	/////	/////	00013	11378	3////	///04
L	99568	70203	21064	73414	98031	13112	784//	00701	82818	87635	0//08	11439	30302	24804
M	99657	10009	21064	83008	97022	16009	863//	00709	/////	/////	05207	11064	30201	/////
R	99472	70170	21064	73515	98022	16915	785//	00301	82820	87640	0//13	11759	30803	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42277

Date of Issue MONDAY 22 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 21 AUGUST 1977

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	70108	80022	03816	785//	11601	85825	87650	
Hurn	862	70406	68031	03618	785//	12804	84825	87635	
Manston	797	60109	63258	02517	38460	13801	82815	84359	
Gatwick	776	60504	65021	02919	64600	11803	82830	85650	
Kew	775	33505	68021	03418	32500	11702	83827		
Heathrow	772	33208	72021	03219	32500	11802	83828		
Honington	586	70110	68034	02717	5853/	11707	83824	83656	85359
Wattisham	590								
Gorleston	497								
Aberporth	502	13306	56051	05317	10930	15802	81359		
Filton	628	70708	70011	04317	785//	11801	82825	86635	
Rhoose	715	70905	66022	04618	785//	12802	82820	87635	
Hartland Point	703	80502	60052	05317	2567/	13001	82640	88360	
Mount Batten	827	82207	60258	04616	884//	14000	85818	88625	
St. Mawgan	817	62807	30052	05218	52030	14000	81701	85818	
Scilly	804	53409	60021	06817	38530	15102	82820	84360	
Culdrose	809	73209	57052	05417	6843/	14102	83812	86621	
Guernsey	894	43407	59051	04417	42300	13006	84808		
Elmdon	534	73504	65022	04317	785//	11805	84821	86656	
Cardington	559	70905	60802	03717	785//	13805	81820	86825	86645
Wittering	462	50306	80252	03518	49430	12806	81918	83820	
Watnall	354	80107	50178	04715	894//	14603	83710	83818	88922
Shawbury	414	70107	59041	04617	3847/	13805	82816	86360	
Finningley	360	70410	65216	05116	784//	14801	85812	86645	
Spurn Point	396	70610	61016	05816	5657/	14207	85725	87360	
Leeming	257	70517	67016	07216	724//	12801	82816	87824	
Tynemouth	262	20710	69021	09215	13630	13102	81930		
Carlisle	222	50717	70031	07418	48531	11806	81828	84645	
Valley	302	70615	70028	05620	785//	12000	82820	87645	
Ringway	334	70510	58216	05615	754//	14001	84715	87640	
Squires Gate	318	70712	80808	06418	6843/	13500	84817	84645	85359
Ronaldsway	204	70811	80028	06817	785//	11802	81822	87645	
Mull of Galloway	131	51017	80011	07717	12530	14204	81825	85360	
Eskdalemuir	162	60513	82032	08516	686/2	08803	85830		
Prestwick	135	50911	83031	08518	48641	09603	81832	84840	
Abbotsinch	140	30914	82011	08919	21601	07807	82830		
Leuchars	171	40716	75021	10717	22402	13000	82818	83075	
Dyce	091	70911	75022	11516	62402	12801	86814	84075	
Lerwick	005	70206	84022	14412	784//	07400	81815	87619	
Wick	075	41209	75034	12515	22432	13101	81715	83075	
Sule Skerry	010	50808	66034	12615	22570	13201	82820	85360	
Cape Wrath	049	31410	84011	11115	35500	11500	83625		
Stornoway	026	71406	81212	10316	5853/	13103	81822	85645	85360
Benbecula	022	71207	82016	09917	784//	13004	81816	85640	87650
Tiree	100	71310	82016	09216	4577/	13203	84650	87358	
Aldergrove	917	80910	70202	07615	854//	12806	82714	85622	88628
Malin	980	81013	63215	08214	75470	13801	81716	86636	88459
Belmullet	976	83607	80808	08415	835//	11201	83820	88637	82920
Birr	965	80000	40205	07415	863//	13803	82708	85711	88716
Dublin	969	80711	66106	06617	854//	13704	85713	88620	
Shannon	962	73401	75024	07217	38506	11811	83825	87268	
Roches Point	952	63509	62031	06819	38404	10805	83815	84072	
Valentia	953	73206	70021	08017	58530	13704	84823	85360	

OBSERVATIONS at 18h. 21 AUGUST 1977

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	81804	65251	02017	885//	14604	83825	88650	
862	63502	78031	02219	686//	12606	84835	84645	
797	20106	60019	01616	12332	14500	81709		
776	73604	61258	02015	756//	12703	81640	87650	
775	30704	68018	02317	38630	12802	81835	83656	
772	63604	66038	01818	48660	11806	81832	83656	
586	60306	56259	02215	49460	13501	81915	83650	
590								
497	70314	58052	02815	755//	14602	87625		
502	43503	63299	03916	49360	14708	81809	84920	
628	72908	56051	02818	795//	13505	82925	84830	
715	73008	58058	02917	757//	13509	87650		
703	72807	58052	04016	4853/	15712	81820	83650	87360
827	73305	59059	03615	4547/	14709	82710	83635	87359
817	73109	32052	04316	623/9	15705	83706	85707	
804	53111	60012	05816	28570	14605	81820	85458	
809	83010	30052	04315	883//	14705	83706	88620	
894	43008	50051	03715	46300	14705	84706		
534	80103	58218	03714	7843/	13501	81815	84630	87645
559	70406	63158	02716	795//	13604	86920	85650	
462	70412	64038	03316	6843/	12301	84712	84645	
354	70313	70259	04315	784//	13302	83812	87656	
414	80910	57619	03915	4942/	13501	83910	88460	
360	80512	65038	05315	884//	12207	83815	88640	
396	80512	62216	05315	854//	13801	86715	88625	
257	70311	65018	07115	784//	12301	85816	87640	
262	70713	61021	08915	21604	13601	82830	87075	
222	70815	75032	07216	38631	11301	81830	83645	86075
302	70612	70022	04717	756//	12703	81630	87645	
334	70611	65808	04815	784//	13301	82815	87650	
318	70712	80258	05316	784//	13701	81818	83822	87640
204	50707	75031	05518	58500	12606	81820	85650	
131	31015	80021	06416	38500	11604	81825	83630	
162	60513	82032	08115	32602	09500	83830	84072	
135	50714	70022	07618	18631	11303	81830	84075	
140	60814	84031	08418	11601	09501	81832	86080	
171	70513	70021	10515	12502	12501	81820	87075	
091	40706	80011	11215	12401	12502	81814	84075	
005	40205	80011	13312	38431	09705	81818	83630	
075	60908	70021	12214	12482	12500	81818	83362	85075
010	60910	74021	12214	12501	12602	81820	86075	
049	30905	84030	10413	35540	12604	83620		
026	20611	82011	09815	11531	13703	81822		
022	62907	86011	09917	58532	14102	81825	85645	
100	70208	85012	08716	48632	13500	81835	83650	85072
917	40808	75038	06418	48600	09605	81830	83650	
980	50606	75012	07415	28532	11704	81820	83359	
976	83407	66608	07914	4857/	12602	81820	84637	87459
965	82703	40919	06313	894//	12503	82714	86919	87633
969	70511	65012	05616	3557/	12606	83623	87459	
962	73209	75022	05917	48636	11506	82830	83650	87268
952	72814	58108	05614	63472	12606	85815	85458	85072
953	73209	70608	07414	764//	12604	85713	87636	

OBSERVATIONS during DAY

iii	RRT T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	02191	034	+	pr.prr.ir.
862	97201	038	+	pr.
797	03181	045	pr.tl.pr.	pr.phr
776	97201	041	pr.	pr.
775	97191	057	pr.	+
772	97201	071	pr.	+
586	95191	031	pr.	tl.prpr.
590				
497		056		
502	97171	102	t	tir.
628	97200	069	+	pr.
715	01191	037	pr.	t.l.r
703	00170	031		
827	13191	030	pr.tlR	tlRpr.
817	00181	052	+	+
804	00180	041	+	+
809	97181	008	+	id.
894	97170	085	+	id.
534	03181	028	pr.	pr.prir.rd.r.
559	01191	015	pr.pR	prpr.
462	97191	049	pr.	pr.
354	05181	012	d.pr.prtl.	pr.r.
414	07181	032	pr.prRr.	tl.r.-rRr.r.
360	01181	007	ir.pr.prpr.	pr.
396			+	ir.ir
257	03171	001	pr	pr.
262	00161	057	+	+
222	00190	073	+	+
302	97200	016	+	pr.
334	02171	001	r.rr.r.	pr.
318	97210	020	pr.	pr.
204	92190	027	pr.	r.
131	00180			
162	00181	086	+	+
135	00210	129	+	+
140	00190	103	+	+
171	00171	110	+	+
091	00171	110	+	+
005	00130	027	+	+
075	00161	110	+	+
010	00160			
049	00160	086	+	+
026	97170	058	r.	+
022	00191	001	+	+
100	00191	029	+	+
917	97190	037	d.pr.	+
980	0316	006		
976	9716	006		
965	1216	000		
969	9217	003		
962	9718	030		
952	0119	045		
953	9718	035		

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

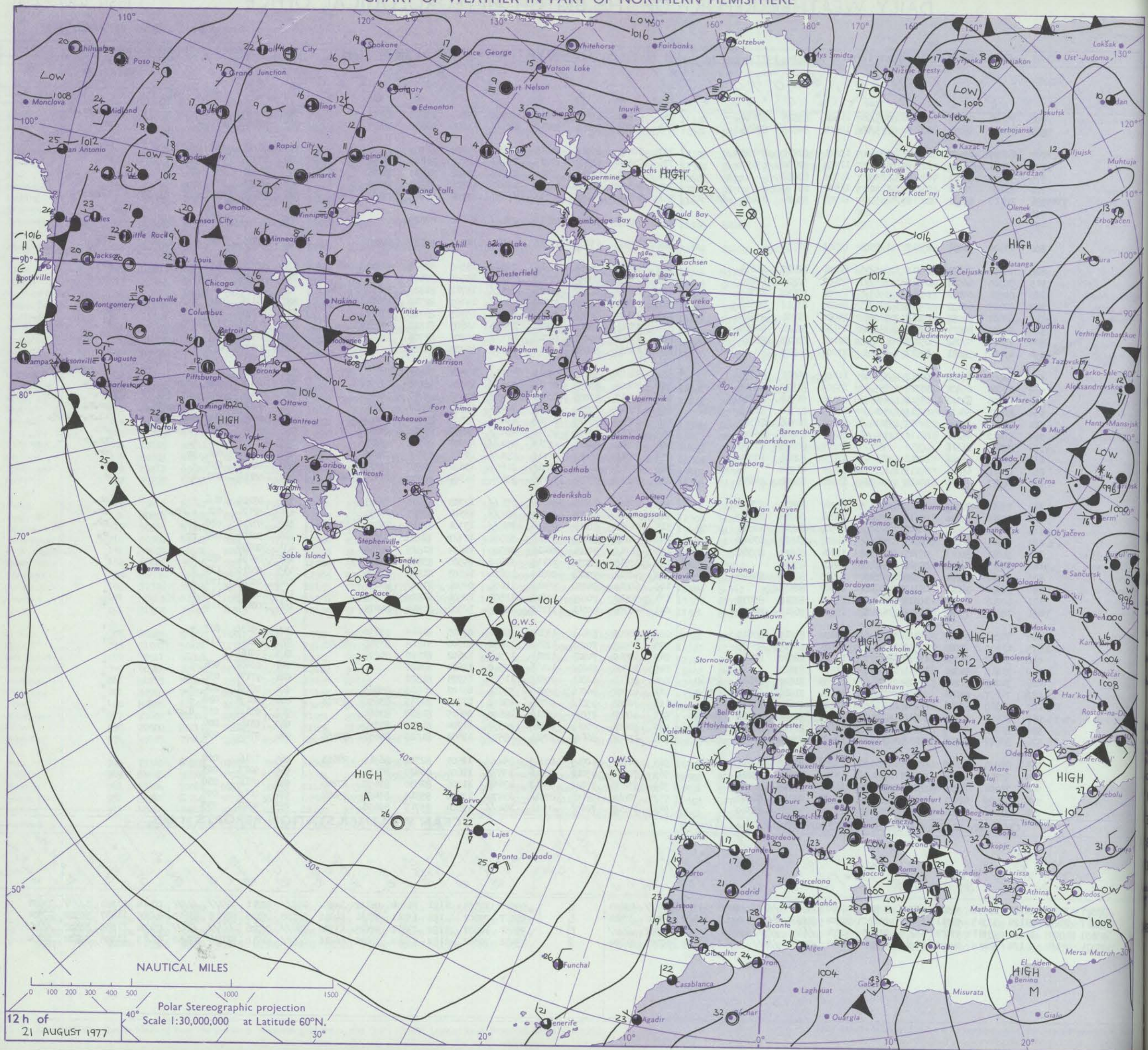
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21121	81906	98022	17014	855//	00400	/////	/////	00013	11380	3////	23803
L	99567	70203	21124	33313	98011	13913	28430	00004	81818	/////	0//07	11412	30302	27904
M	99657	10008	21124	83311	97022	15209	83400	00704	/////	/////	05306	11050	30302	/////
R	99471	70170	21124	53114	98022	17916	48502	00104	82820	/////	0//12	11799	30802	34704

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21181	81504	96102	14914	855//	00711	/////	/////	00114	11381	3////	23803
L	99567	70202	21184	63011	97161	14712	58430	00303	82815	83640	0//08	11437	30302	27904
M	99657	10007	21184	73210	97025	13708	784//	00706	/////	/////	05404	11055	30302	/////
R	99472	70167	21184	73014	98022	16916	2257/	41710	81826	87460	0//13	11798	30802	34704

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of
21 AUGUST 1977

00h of
22 AUGUST 1977

06h of
22 AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 22 AUGUST 1977

A large complex area of low pressure has persisted over western Europe. A ridge of high pressure has persisted from Greenland towards the Shetland Islands and pressure has remained high near the Azores. The low southwest of Iceland has filled somewhat as another low has moved from Newfoundland to mid-Atlantic. During the next 24 hours the European complex low is expected to become centred further east and the ridge from Greenland develop southwards west of Scotland. The Atlantic low is expected to move steadily east with a more vigorous developing low moving from the Newfoundland area to mid-Atlantic.

Code FM 11.V **OBSERVATIONS at 00h.** 22 AUGUST 1977

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	83605	62026	02713	854//	12603	88617		
Hurn	862	83303	50618	02714	853//	13604	82709	88650	
Manston	797	70111	58138	01015	793//	14708	82707	84708	81915
Gatwick	776	40000	25118	02512	48400	12601	82814	83620	
Kew	775								
Heathrow	772	80104	57216	02515	6547/	13802	82710	86650	88359
Honington	586	80105	25102	02513	853//	13702	82706	83709	88628
Wattisham	590								
Gorleston	497	60320	60032	02415	655//	14707	86625		
Aberporth	502	80805	60056	04115	4567/	13400	84640	88359	
Filton	628	70406	58108	03114	754//	13604	82615	87622	
Rhoose	715	80506	65029	03114	885//	13705	82825	88656	
Hartland Point	703	60000	58051	03413	37330	13706	83706		
Mount Batten	827	70302	56108	03114	4533/	13604	82708	83625	87359
St. Mawgan	817	83113	57022	03614	822//	12605	81703	85706	87710
Scilly	804	73407	62131	04914	785//	13707	83820	87628	
Culdrose	809	73213	56959	04312	794//	12801	87915		
Guernsey	894	72805	16405	03215	760//	15707	86700		
Elmdon	534	80307	56215	04313	852//	13803	81704	85707	88650
Cardington	559	70506	40108	03414	762//	13802	87705		
Wittering	462	80507	40812	03614	892//	13503	83703	87705	88911
Watnall	354	80310	20508	05213	860//	13702	88701		
Shawbury	414	80207	62216	05014	854//	12001	86712	88618	
Finningley	360	80207	62258	06013	884//	12001	83712	85818	88635
Spurn Point	396	80314	68026	05814	854//	12400	82710	88625	
Leeming	257	70106	60012	08112	755//	11400	81620	87650	
Tynemouth	262	00610	69011	09414	00900	12400			
Carlisle	222	40711	65021	08712	15601	11104	81645	83075	
Valley	302	80810	65022	05715	856//	10203	88640		
Ringway	334	60617	70018	05214	655//	11807	86628		
Squires Gate	318	60608	75032	07013	58501	11104	84820		
Ronaldsway	204	80814	80016	07114	884//	11001	81818	84645	88657
Mull of Galloway	131	80920	82031	08413	856//	10110	88630		
Eskdalemuir	162	50404	75011	10111	26402	09101	82712	85075	
Prestwick	135	20707	62011	10110	15601	08207	81635		
Abbotsinch	140	40707	68011	10212	16402	10102	81712	84078	
Leuchars	171	60208	60032	11212	662//	11001	81704	83705	86706
Dyce	091	63302	30101	12010	652//	09000	81703	83712	85620
Lerwick	005	50310	75021	13711	55300	10702	81706	83711	
Wick	075	41006	58102	12513	26432	12101	82710	83075	
Sule Skerry	010	30909	74021	13112	35500	12203	83625		
Cape Wrath	049	21404	82011	11911	25500	10208	82625		
Stornoway	026	03402	75020	11212	00900	11106			
Benbecula	022	60000	86031	10912	4563/	11204	81630	84645	86360
Tiree	100	11311	87011	10413	12600	10207	81830		
Aldergrove	917	50505	75021	08313	2553/	09208	82623	85357	
Malin	980	10923	75011	08714	18502	12206	81822		
Belmullet	976	83507	60616	08413	7647/	13201	85717	85636	88459
Birr	965	83001	16658	06813	872//	12303	88705		
Dublin	969	80713	70026	06015	864//	12400	85710	87625	
Shannon	962	83503	65606	06913	8567/	11301	83630	87458	
Roches Point	952	53210	65022	05813	3567/	11301	83645	83359	
Valentia	953	83505	66026	07714	864//	12602	86715	88625	

OBSERVATIONS at 06h. 22 AUGUST 1977

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	73506	56052	02613	55571	12103	84624	83630	
862	53602	20116	02412	25630	12303	82640	84357	
797	73506	75619	00413	6837/	13500	81706	84711	85650
776	73606	50041	01814	753//	12501	82709	83614	85619
775	80105	56052	02214	864//	12605	85710	88712	
772	73402	56022	02114	753//	13400	82709	87619	
586	70310	63806	01914	783//	13500	82709	84711	
590								
497	80430	58626	01915	855//	13400	88625		
502	80609	62036	05514	7547/	12313	83712	86622	88459
628	70508	56056	03613	6533/	13207	81708	84625	
715	80507	59052	03314	7842/	13305	81712	83820	86640
703	80415	48258	03215	6727/	13305	86703	88460	
827	70802	20102	02512	6533/	12303	84708	85615	87359
817	60305	30109	03014	3637/	13303	83706	86360	
804	73512	58216	03914	5547/	13604	85618	87458	
809	43408	50109	02713	2547/	12502	81710	84361	
894	73210	25109	02014	761//	14400	85702	87704	
534	80311	57586	04713	872//	12204	81704	87706	88710
559	80509	56602	02914	853//	14602	83707	86710	88618
462	80212	30618	03713	871//	13000	84702	88704	
354	80111	30615	05612	854//	11103	81710	85620	88650
414	73508	62046	05913	754//	11310	86612	87650	
360	70107	65018	06513	6847/	11306	81818	86650	87360
396	70316	61016	05815	3567/	13500	83640	87359	
257	43607	58101	08611	11434	11305	81816	84075	
262	40612	69030	09814	11506	13304	81820	83075	
222	52802	56101	09608	28232	08207	81704	84075	
302	40515	70011	07314	28541	10311	81820	83080	
334	60412	65038	06413	48401	10308	81815	84650	
318	70408	80021	07713	684/1	10207	81815	86650	
204	50309	75022	08412	58501	10308	81822	85650	
131	40816	81031	09512	15601	11209	81635	84075	
162	70411	70031	10511	46402	09204	84710	85075	
135	20902	67050	11108	18602	07307	81830		
140	30803	70011	11311	38430	09208	81817	83621	
171	53506	56111	11709	38401	09205	82712	83075	
091	83305	14404	12411	860//	11205	81700	83701	88702
005	70212	82032	13910	784//	08304	81818	83623	87645
075	70706	81021	12912	35432	11302	81715	83625	86360
010	70910	74022	13212	4557/	11202	84620	87360	
049	41108	60401	12311	45500	10304	84620		
026	40806	80020	11811	18530	11203	81826	84362	
022	42204	84021	11912	45600	11205	84645		
100	30905	87120	11609	25640	09207	82640		
917	30709	65031	09911	16401	09207	81712		
980	21011	70010	10713	12502	11209	81820		
976	70000	70016	08913	734//	13307	82716	87637	81920
965	80206	56106	08413	863//	12314	86709	88714	
969	80611	65206	08314	854//	11214	83715	87635	
962	83505	59216	07913	862//	13310	81705	84707	87711
952	73310	65011	06313	684/2	12306	83714	85643	87073
953	73511	60808	08514	725//	13306	87820		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97121	09	ir.	ir.
862	92111	10	r.rrr.	jf
797	18132	11	tl.-tl.R-r	tl.r-rr.r.rR
776	97121	09	pr.	r.
775	00131	10	+	+
772	97141	11	r.	+
586	07131	12	r.	pr.prRr
590				
497				
502	92131	11	ir.	+
628	97131	12	r.-r.	r.
715	01131	13	tl.rr.r	l
703	97130	11		
827	03121	10	+	r.r
817	01131	09	tl.r.r.r.	+
804	01131	12	+	r.r.
809	21131	11	id.ir.tlr.rr	ir.
894	97130	09	jfl	tl.
534	05121	12	d.r.rr.R	r.d.-d.r.rR
559	97131	12	l	r.pr.
462	14131	12	pr.prpRr	d.r.rRr.r.
354	03121	12	r.rd.r.id.	r.rRd.r.
414	94131	11	r.	r.r
360	01121	11	pr.	r.r
396			ir.	ir.
257	00110	08	+	+
262	00141	12	+	+
222	00070	02	+	+
302	00130	11	+	+
334	97131	11	pr.	pr.
318	00110	07	+	+
204	97110	09	r.r.	+
131	00110			
162	00101	07	+	+
135	00070	03	+	+
140	00110	05	+	+
171	00090	06	+	+
091	00091	04	ff	ff
005	00110	06	+	+
075	00121	10	+	+
010	00100	10		
049	00101	09		
026	00100	04	+	+
022	00111	07	+	+
100	00081	01	+	+
917	00100	07	+	+
980	0012	08		
976	0813	11		
965	2412	11		
969	9713	12		
962	0313	12		
952	9712	11		
953	0413	12		

Code FM 21.V **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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22001	81005	97026	12713	8097/	00712	/////	/////	05013	11398	3////	///03
L	99566	70202	22004	63410	98031	15413	684//	00102	81818	86630	0//09	11440	30302	27904
M	99655	10006	22004	53611	97022	13407	59400	00803	/////	/////	05505	11058	30302	/////
R	99473	70167	22004	52908	97258	17316	58500	00400	83820	/////	0//14	11780	30802	32703

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22061	80709	96102	10613	855//	00712	/////	/////	05012	11386	3////	///03
L	99566	70202	22064	73514	97158	15212	784//	00303	83815	84630	0//09	11447	30303	27904
M	99655	10007	22064	63611	97808	13107	49460	00701	/////	/////	05703	11084	30302	/////
R	99472	70166	22064	33310	98030	16516	38500	00602	83820	/////	0//13	11786	30000	32703

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42278

Date of Issue TUESDAY 23 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 22 AUGUST 1977

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	70109	66256	04613	783//	13311	82708	83814	86656
Hurn	862	63410	65011	03918	58530	13008	84820	83650	
Manston	797	80519	60036	01915	883//	13316	82708	85710	88640
Gatwick	776	70109	30818	03316	734//	13211	84912	86645	
Kew	775	80211	50606	04415	5742/	13315	85715	88550	
Heathrow	772	80212	58258	04115	6242/	14312	82712	84816	88459
Honington	586	80417	80038	04616	885//	11215	85820	88640	
Wattisham	590								
Gorleston	497	80431	66026	04716	855//	11215	88625		
Aberporth	502	70511	70022	08616	784//	11217	81818	83625	86640
Filton	628	70312	68216	06315	6843/	13214	81710	86645	87359
Rhoose	715	70512	66012	06516	784//	13116	86817		
Hartland Point	703	50415	60052	06917	3243/	13323	83818	85360	
Mount Batten	827	70610	75026	05119	785//	12212	85822	83640	
St. Mawgan	817	60113	65252	06717	68400	14222	81710	85814	
Scilly	804	30111	58011	07518	11570	16219	81820	83458	
Culdrose	809	50809	59051	05719	58500	14115	84822	83630	
Guernsey	894	70110	40052	04016	722//	14213	83705	86810	
Elmdon	534	60414	70016	07216	48531	11212	83822	85360	
Cardington	559	80611	65218	05815	3847/	13216	82818	88462	
Wittering	462	50420	75016	06816	48502	11215	83822		
Watnall	354	60216	81026	08019	32601	10313	83830	84080	
Shawbury	414	60415	72028	08219	3258/	10212	83828	86360	
Finningley	360	40515	81026	08719	32602	09312	83832		
Spurn Point	396	20315	70021	09217	12501	13216	81825		
Leeming	257	50318	75031	10717	52500	10210	85823		
Tynemouth	262	60513	69021	12415	49601	13211	84930	86075	
Carlisle	222	40710	75021	11220	38601	11106	83830		
Valley	302	40516	75031	10219	42501	10116	84820		
Ringway	334	60415	70028	08918	68501	09110	83822	86650	
Squires Gate	318	70715	82032	09919	58501	10210	84823	85075	
Ronaldsway	204	10813	84011	10919	12502	09210	81825		
Mull of Galloway	131	11205	81020	12118	12505	12213	81825		
Eskdalemuir	162	60609	84021	11817	625//	09106	86828		
Prestwick	135	31107	81030	12418	38602	09002	82830		
Abbotsinch	140	60907	80031	12618	586/2	09206	84830		
Leuchars	171	71009	80022	13415	784//	12209	82710	83818	87640
Dyce	091	70305	65052	13515	783//	11206	81708	85810	86640
Lerwick	005	70309	86022	14413	784//	06001	81818	86640	
Wick	075	70805	81022	14013	3843/	10106	81818	83645	87359
Sule Skerry	010	80909	74022	14714	6557/	12207	86620		
Cape Wrath	049	71104	82031	13313	5553/	12103	85620		
Stornoway	026	11707	82020	13216	12531	12106	81825		
Benbecula	022	22310	83010	13717	28500	14207	81828		
Tiree	100	31705	87011	13617	18532	10210	81827		
Aldergrove	917	31005	75020	11917	32500	08008	83825		
Malin	980	10913	70100	12915	11501	12308	81820		
Belmullet	976	40405	76011	11619	43500	14111	84820	81920	
Birr	965	70606	66032	11117	785//	11209	83822	86636	
Dublin	969	20513	70021	11417	28530	09218	81824		
Shannon	962	50000	70031	11217	52500	12215	85822		
Roches Point	952	70209	66018	10019	68532	12216	85820		
Valentia	953	83503	70028	11616	885//	14217	86822	88630	

OBSERVATIONS at 18h. 22 AUGUST 1977

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	40213	75018	07217	28531	09311	81825	83075	
Hurn	862	60107	62018	07217	5563/	13214	83630	84650	
Manston	797	80323	35636	04914	6722/	14217	83705	86708	88540
Gatwick	776	70312	70028	06716	6851/	09218	81820	86650	87460
Kew	775	60511	75026	07417	685//	10216	84825	83656	
Heathrow	772	40215	70256	06918	48631	08212	82830	83650	
Honington	586	70316	80022	07916	22502	09318	82823	87075	
Wattisham	590								
Gorleston	497	40225	66020	08115	4857/	12217	84625	84358	
Aberporth	502	30109	68011	10516	28530	12211	81825	83363	
Filton	628	20616	82016	08518	18631	09310	81832		
Rhoose	715	51702	68018	08818	2853/	13212	81825	85360	
Hartland Point	703	60110	66032	10116	4843/	14114	81818	83635	86360
Mount Batten	827	70613	67022	08517	783//	13220	81708	83823	87650
St. Mawgan	817	70312	62036	09116	3847/	13215	82814	86359	
Scilly	804	13607	58030	10717	12500	15217	81820		
Culdrose	809	20212	60058	08718	23500	13313	82920		
Guernsey	894	63609	65011	06516	684//	14211	85814		
Elmdon	534	20412	75011	09917	11601	07317	81835		
Cardington	559	50616	75022	08816	38502	11221	82825	83075	
Wittering	462	20315	82011	09915	21531	10215	82825		
Watnall	354	30413	81021	10816	28630	10214	82830		
Shawbury	414	10610	75011	10119	11640	09212	81835		
Finningley	360	20412	83011	11316	24502	09312	82827		
Spurn Point	396	10217	66030	11215	18570	11207	81825		
Leeming	257	30310	80021	12615	21501	09207	82828		
Tynemouth	262	30112	69021	13315	33600	12202	83930		
Carlisle	222	40809	82038	12617	22663	12308	82830		
Valley	302	10213	78021	11717	11630	11205	81830		
Ringway	334	10611	81011	10917	14662	09210	81835		
Squires Gate	318	10910	80011	11519	18540	10311	81825		
Ronaldsway	204	10110	84020	11918	19680	09204	81940		
Mull of Galloway	131	23510	84020	12718	29400	17303	81915		
Eskdalemuir	162	50302	83031	13114	38602	10209	82832	84075	
Prestwick	135	62604	62959	12417	6956/	14202	85925		
Abbotsinch	140	43404	80011	12219	23531	09500	81928		
Leuchars	171	60708	65171	13414	693/3	10304	82708	83918	85635
Dyce	091	60706	82038	13913	58480	10205	81814	85626	
Lerwick	005	70207	80152	14610	783//	09601	81707	83812	87620
Wick	075	70608	81022	14313	3847/	10801	81816	83645	87360
Sule Skerry	010	70909	81012	14913	755//	10203	87625		
Cape Wrath	049	40912	82011	14012	48500	11203	83820	83625	
Stornoway	026	30611	81011	13514	38500	12102	83825		
Benbecula	022	42508	80011	14115	48400	14400	81815	83645	
Tiree	100	13209	85010	13915	10932	11301	81359		
Aldergrove	917	11202	75010	12518	12500	07302	81825		
Malin	980	10509	75020	13114	11500	12601	81820		
Belmullet	976	10208	78011	12716	18500	12106	81820		
Birr	965	10102	80011	12218	18500	10306	81822		
Dublin	969	10707	80020	12417	15700	08103	81656		
Shannon	962	70403	80028	12318	785//	12208	82828	86645	
Roches Point	952	71605	50808	12516	784//	14316	84815	83640	
Valentia	953	33206	70020	13017	32500	14308	83822		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01171	021	ir.prpr.r.	r.r.
Hurn	862	01191	024	pr.pR	pr.
Manston	797	24161	001	Rr.ir.-r.Rr	rRr.rRr.
Gatwick	776	12171	005	r.pr.prpR	pr.
Kew	775	05171	003	r.rR	+
Heathrow	772	03181	020	pr.pRr.r	pr.
Honington	586	97191	051	r.ir.	+
Wattisham	590				
Gorleston	497		012		
Aberporth	502	00191	033	+	+
Filton	628	91190	022	r.d.r.	+
Rhoose	715	97180	009	pr.	+
Hartland Point	703	00170	044		
Mount Batten	827	00191	042	+	+
St. Mawgan	817	97191	059	pr.r.	+
Scilly	804	00190	099	+	+
Culdrose	809	01190	061	pr.	+
Guernsey	894	00171	051	+	+
Elmdon	534	00191	069	+	+
Cardington	559	01201	052	pr.rr.r.	+
Wittering	462	00181	069	+	+
Watnall	354	00191	088	+	+
Shawbury	414	91211	057	pr.	+
Finningley	360	00200	102	jp	jp
Spurn Point	396			+	+
Leeming	257	00180	115	+	+
Tynemouth	262	00150	117	+	+
Carlisle	222	92200	083	pr.	pr.
Valley	302	00200	115	+	+
Ringway	334	97200	075	pr.r.	+
Squires Gate	318	00230	113	+	+
Ronaldsway	204	00210	119	+	+
Mull of Galloway	131	00200			
Eskdalemuir	162	00190	081	+	+
Prestwick	135	06201	119	+	tl.r.
Abbotsinch	140	00200	112	+	tl.
Leuchars	171	97180	054	+	tlr.
Dyce	091	97160	019	pr.	jp
Lerwick	005	97130	034	+	id.
Wick	075	00151	009	+	+
Sule Skerry	010	00160			
Cape Wrath	049	00131	068	+	+
Stornoway	026	00170	120	+	+
Benbecula	022	00181	123	+	+
Tiree	100	00181	125	+	+
Aldergrove	917	00190	128	+	+
Malin	980	0015	132		
Belmullet	976	0020	099		
Birr	965	0019	041		
Dublin	969	0018	110		
Shannon	962	9720	033		
Roches Point	952	0119	032		
Valentia	953	0118	043		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

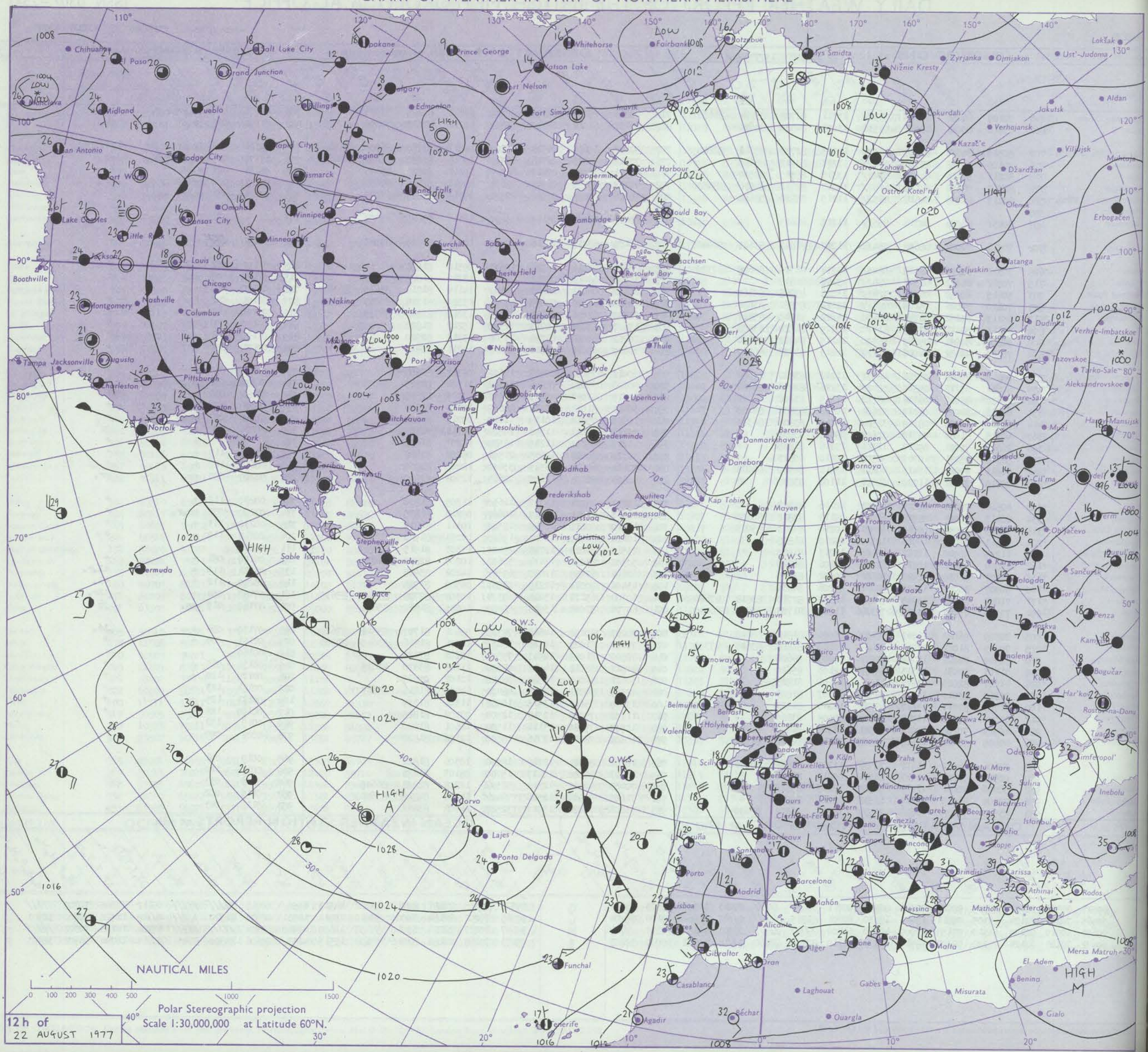
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22121	80709	98022	09013	8095/	00711	/////	/////	05013	11398	30503	13804
L	99565	70201	22124	13305	99011	15413	18430	00701	81815	/////	0//07	11460	30100	99/04
M	99650	10019	22124	53510	97158	13009	49460	31400	/////	/////	05504	11183	30302	/////
R	99472	70168	22124	73208	98022	18517	2857/	41110	82820	87460	0//14	11762	30000	32803

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22181	80712	98022	04513	6555/	00718	/////	/////	05112	11395	30705	/////
L	99565	70202	22184	30000	99010	15514	18531	00504	81820	/////	0//08	11520	30000	32903
M	99647	10027	22184	63510	97158	12609	49460	32804	/////	/////	05304	11136	30302	/////
R	99473	70168	22184	82516	97608	17515	4257/	00606	84820	87458	0//14	11794	30802	32803

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 22 AUGUST 1977

00h of 23 AUGUST 1977

06h of 23 AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 23 AUGUST 1977

During the past 24 hours a complex area of low pressure over central Europe with frontal troughs affecting southern districts has moved away east. Weak ridge of high pressure has continued over northern areas. During the next 24 hours a deepening depression in mid-Atlantic will move east to become slow-moving off western Ireland with associated frontal troughs affectin many western districts. Eastern areas a weak ridge will move slowly east.

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

Code FM 11.V

OBSERVATIONS at 00h. 23 AUGUST 1977

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	00109	80020	12211	00900	09116			
Hurn	862	00109	75021	11912	00900	10120			
Manston	797	50120	75016	08715	58402	11112	82814	84650	
Gatwick	776	73611	66031	10613	654/1	11213	86614		
Kew	775								
Heathrow	772	03610	65020	11413	00900	11113			
Honington	586	23408	62011	11011	00901	10107	82075		
Wattisham	590								
Gorleston	497	40222	66011	10515	42500	12206	84825		
Aberporth	502	21407	65020	13914	15630	12112	81640		
Filton	628	00408	80020	13611	00900	09118			
Rhoose	715	00503	80021	13411	00900	09118			
Hartland Point	703	00815	70020	13215	00900	11113			
Mount Batten	827	10605	70011	12913	10930	11216	81360		
St. Mawgan	817	43605	60051	13313	40930	12212	84359		
Scilly	804	10104	60010	14214	15600	14212	81630		
Culdrose	809	13610	60051	13214	15600	12213	81630		
Guernsey	894	40208	58051	11114	4543/	13217	84614		
Elmdon	534	03503	64010	14010	00900	08113			
Cardington	559	20313	62021	12512	25400	11210	82617		
Wittering	462	33510	75011	13011	35400	10110	83615		
Watnall	354	03508	70010	14111	00900	09107			
Shawbury	414	03502	60040	14309	00900	08112			
Finningley	360	03307	80020	14011	00900	09108			
Spurn Point	396	00110	65010	13414	00900	11206			
Leeming	257	12802	75020	14909	15600	08104	81635		
Tynemouth	262	03207	66020	15312	00900	11208			
Carlisle	222	10402	75020	14809	00901	08207	81070		
Valley	302	10807	70020	14613	15601	10210	81635		
Ringway	334	00602	70020	14511	00900	09111			
Squires Gate	318	00902	65020	14809	00900	08210			
Ronaldsway	204	10606	82020	14712	00901	10210	81070		
Mull of Galloway	131	00307	86010	15112	00900	12109			
Eskdalemuir	162	50000	70031	15707	55602	06004	85645		
Prestwick	135	31203	70039	14910	25762	09302	82656		
Abbotsinch	140	30000	70029	14611	35700	09105	83650		
Leuchars	171	20000	65019	15111	25400	10003	81712		
Dyce	091	82702	80606	15111	856//	09102	85630	88656	
Lerwick	005	83603	70205	15509	853//	08000	83708	88623	
Wick	075	50602	80012	15510	45630	09001	84645	83360	
Sule Skerry	010	70908	81022	15811	755//	10101	87625		
Cape Wrath	049	20904	80010	14711	25500	11400	82620		
Stornoway	026	23305	70031	14410	20930	10000	82360		
Benbecula	022	32302	75284	14813	36200	13000	83705		
Tiree	100	03505	62120	14610	00900	10000			
Aldergrove	917	01902	62020	15209	00900	07007			
Malin	980	01604	75020	14610	00900	08002			
Belmullet	976	00000	70020	13710	00900	09801			
Birr	965	21203	58101	14909	25600	08009	82632		
Dublin	969	72702	80031	14913	757//	10107	87650		
Shannon	962	30000	56101	14314	26430	13004	82717		
Roches Point	952	70000	50102	14914	3543/	13006	81712	83645	87358
Valentia	953	70000	65021	14812	75502	12107	87625	87070	

OBSERVATIONS at 06h. 23 AUGUST 1977

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	73105	56101	15109	762//	09216	87704		
862	13407	64030	14609	15600	09215	81630		
797	13616	75011	11213	16471	12218	81710		
776	43507	60011	13711	46430	10217	84710		
775	23505	62030	14411	26300	10319	82708		
772	43507	61031	14111	46300	10217	84708		
586	13309	65030	13310	12502	09315	81825		
590								
497	63614	66022	12714	4553/	10215	84625	83358	
502	11606	75020	15910	10931	08211	81362		
628	23403	40051	16011	25400	09218	82615		
715	10602	67020	15808	18401	08312	81816		
703	30810	66030	15513	12531	11211	81820	83075	
827	22802	65050	15510	11501	09215	81820		
817	20908	70031	15611	10981	09214	81360		
804	20000	58030	16114	15602	14211	81630		
809	40707	62050	15611	10931	10212	81359	83070	
894	30107	75010	14313	35402	11217	83612		
534	13301	57110	16007	15701	07313	81650		
559	10107	56101	14810	12400	10315	81815		
462	13408	56100	14810	16200	09313	81703		
354	23206	27100	15909	26300	09314	82706		
414	02502	25100	16106	00900	06313			
360	13409	45101	15410	15600	09310	81640		
396	43311	68020	14611	45500	10209	84625		
257	40602	50030	15908	35600	07307	83640		
262	32913	61030	15910	15640	09306	81630	83358	
222	71602	65031	15708	785//	07108	81820	87645	
302	20000	64020	15810	25600	07209	82640		
334	10000	40110	16408	15600	07213	81630		
318	30902	60021	16108	35600	08211	83635		
204	20106	70020	15709	15731	08108	81656		
131	10000	74020	15712	15500	11206	81625		
162	70000	80031	16505	7853/	05205	81823	86645	
135	11202	82010	15708	18501	08109	81825		
140	30000	12281	15307	36200	07204	83704		
171	72303	40401	15409	656/2	09206	86645		
091	70000	75026	15310	754//	09104	87615		
005	73406	80502	15608	753//	07302	83707	84620	87630
075	60502	75111	15509	58532	08203	81820	85545	
010	71106	84022	15911	755//	09303	87625		
049	71405	80031	14811	755//	10204	87620		
026	10000	75111	14709	15539	08202	81620		
022	61205	02424	14911	655//	11201	82620	85635	
100	00000	02444	15009	00900	09304			
917	11205	58040	15408	10930	06101	81360		
980	31607	75020	14610	15632	08400	81646	83070	
976	71103	72031	12913	754//	12707	82717	87638	
965	60000	64021	14909	00902	07801	86070		
969	50402	70012	15113	45702	11104	84650	84070	
962	51405	15284	14412	561//	12000	85702		
952	90000	06474	15212	9////	12002	89/00		
953	60000	62012	14112	46202	12804	81705	84712	85070

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00081	02 +		++
862	00091	06 +		+
797	00131	11 +		+
776	00111	08 +		+
775	00111	07 +		+
772	00111	08 +		+
586	00091	07 +		+
590				
497				
502	00101	06 +		+
628	00110	02 +		+
715	00080	02 +		+
703	00130	10		
827	00091	06 +		+
817	00101	07 +		+
804	00130	08 +		+
809	00100	07 +		+
894	00120	10 +		+
534	00071	02 +		+
559	00091	06 +		+
462	97091	07 +		+
354	97091	06 +		+
414	00051	50 +		+
360	00091	07 +		+
396		+		pr.
257	00070	03 +		+
262	00100	08 +		+
222	00060	02 +		+
302	00090	03 +		+
334	00070	04 +		+
318	00070	03 +		+
204	00090	06 +		+
131	00110			
162	00040	01 +		+
135	92071	03	tl.r.	+
140	97060	02	tl.tl.r.	if
171	00070	02 +		if
091	91101	07	ir.	r.d.
005	97080	07	id.	id.
075	00091	05 +		+
010	00100	08		
049	00090	09 +		+
026	00080	04 +		+
022	00081	02	if	ff
100	00081	03	ff	ff
917	00070	03 +		jf
980	9709	03		
976	9710	06		
965	9707	03		
969	0011	05		
962	9712	07		
952	9712	08		
953	9711	09		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23001	80919	96515	00313	864//	00727	/////	/////	05113	11384	3//05	/////
L	99566	70200	23004	51006	98031	14013	28532	00710	81820	83362	0//08	11490	30100	02003
M	99646	10028	23004	63608	97022	12609	59460	00400	/////	/////	05406	11131	30302	/////
R	99471	70168	23004	81517	96616	14718	873//	41622	88706	/////	0//18	11804	30802	30703

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23061	83520	97606	00712	8742/	00313	/////	/////	05211	11375	3//07	/////
L	99565	70203	23064	61013	97158	09912	58531	00723	83820	84645	0//10	11476	30303	02803
M	99645	10028	23064	73616	97252	12610	69460	00400	/////	/////	05207	11122	30302	/////
R	99472	70165	23064	82618	98022	12818	854//	00609	88610	/////	0//17	11804	30803	30704

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42279

Date of Issue WEDNESDAY 24 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 23 AUGUST 1977

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	30207	80011	16517	31600	08206	83830		
Hurn	862	40104	80011	16918	41600	10208	84830		
Manston	797	10114	81011	14617	11541	11115	81825		
Gatwick	776	30310	80020	15618	31600	08104	83836		
Kew	775	50108	80021	16118	51600	08102	85830		
Heathrow	772	20308	80021	16018	22600	08201	82830		
Honington	586	20213	83010	15018	28600	08106	82830		
Wattisham	590								
Gorleston	497	40118	66018	15415	42400	11213	84815		
Aberporth	502	50504	70031	16817	11501	13602	81825	85075	
Filton	628	10204	75020	17218	11501	11206	81828		
Rhoose	715	21509	75030	17217	11501	10004	81820		
Hartland Point	703	60505	66022	17415	11532	11104	81825	86075	
Mount Batten	827	52210	80011	17517	11508	12108	81823	83278	
St. Mawgan	817	61707	70021	17018	11508	11005	81825	86275	
Scilly	804	21610	60031	17518	12509	15206	81820		
Culdrose	809	31507	75010	17517	11502	12109	81820	83072	
Guernsey	894	30407	78010	17415	21402	11217	82815		
Elmdon	534	40404	70030	16617	41500	09801	84828		
Cardington	559	50510	75021	16318	52500	09301	85825		
Wittering	462	63607	81031	16217	685//	08002	83827	86645	
Watnall	354	50206	75031	16717	58500	10602	84825		
Shawbury	414	43503	77030	16918	42500	10101	84827		
Finningley	360	63504	81031	16317	68501	09802	84829	83640	
Spurn Point	396	20110	80018	17016	11540	10208	81825		
Leeming	257	43302	70031	16617	41500	10803	84825		
Tynemouth	262	40905	69021	16915	11640	11702	81830	84360	
Carlisle	222	42304	70021	15919	42500	13603	84827		
Valley	302	42108	80031	16819	12434	11000	81815	83072	
Ringway	334	20702	75030	16619	21600	08502	82835		
Squires Gate	318	12508	75030	16919	18630	09204	81830		
Ronaldsway	204	22008	64030	16517	12502	13104	81825		
Mull of Galloway	131	12006	79020	16018	12500	17002	81825		
Eskdalemuir	162	52009	84031	14819	52600	10603	85830		
Prestwick	135	12806	81020	15918	18600	11302	81830		
Abbotsinch	140	33202	70031	15118	32500	09805	83820		
Leuchars	171	50909	70024	15916	42502	11501	84825		
Dyce	091	81005	70026	16114	854//	10002	81712	88617	
Lerwick	005	70406	86025	16410	784//	06203	85815	87630	
Wick	075	71109	82032	16213	5843/	08001	83818	84645	85360
Sule Skerry	010	21105	84011	16715	12530	10104	81820		
Cape Wrath	049	51105	82012	15013	58500	11400	85820		
Stornoway	026	41709	65011	15214	48300	12203	83709		
Benbecula	022	32905	80014	15116	32401	13302	81712	83818	
Tiree	100	11711	70020	14916	12400	13702	81818		
Aldergrove	917	41708	70031	14520	32601	09808	83830		
Malin	980	11410	82020	14020	11502	08704	81825		
Belmullet	976	81512	76032	11818	885//	14713	83820	88640	
Birr	965	71710	70032	14019	22506	11809	82824	87270	
Dublin	969	51214	62051	14219	434/2	13808	82715	84825	82925
Shannon	962	81712	70034	13318	4852/	13810	84822	88464	
Roches Point	952	81513	62024	15017	28427	14804	81817	84460	88275
Valentia	953	81414	66022	12316	5251/	13815	85822	88460	

OBSERVATIONS at 18h. 23 AUGUST 1977

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	50903	81031	16117	11606	10803	81840	85275	
862	72507	80031	16617	00902	12400	87075		
797	20406	83020	16416	18601	12208	81830		
776	23006	81011	16319	18604	08302	81845		
775	13605	82011	16419	14601	07400	81845		
772	20103	81011	16219	18601	09801	81845		
586	23608	84030	16017	11601	08104	81838		
590								
497	30117	66020	16515	32500	11205	83825		
502	81813	70031	14816	12577	09813	81825	84362	88273
628	71704	72031	15919	24616	10706	82632	87275	
715	71306	72031	15718	18518	11809	81820	87270	
703	82506	82022	16016	12627	10810	81830	85460	88275
827	71807	68032	16615	28538	13710	82825	83364	87275
817	71610	75022	15715	1842/	12811	81815	87460	
804	81513	50606	15216	855//	15716	88625		
809	71709	70051	15815	4547/	12813	81712	83640	86457
894	70802	66021	17615	10938	12000	81366	86275	
534	61604	66021	16217	11606	09603	81840	86275	
559	30907	68011	16318	21601	10702	82830	83075	
462	30706	82021	16517	11601	10502	81835	83080	
354	40801	75011	16117	28634	12704	82840	83075	
414	71405	73021	15019	18638	10707	81835	87272	
360	81203	81021	16018	18631	10502	81835	84080	
396	10705	80030	17215	00904	09802	81075		
257	70302	75028	16015	785//	12002	81825	87645	
262	61710	66818	16514	636//	12400	86930		
222	62806	75031	14818	12634	13704	81830	85075	
302	81905	80031	14717	15757	12714	81650	86362	88270
334	51205	75031	15519	18602	10604	81835	85075	
318	73202	75031	15218	18636	10608	81830	87275	
204	81105	61031	14615	16407	13813	81715	88270	
131	72016	66031	13815	2562/	15714	82630	87460	
162	71905	67919	15213	795//	09501	84927	83832	
135	63002	75031	14018	13606	12508	81930	83275	
140	12505	82020	13519	13501	09708	81925		
171	10914	70021	14915	15730	11701	81650		
091	71507	75031	15313	754//	10504	83710	85640	
005	70603	86022	16310	784//	06601	81815	87635	
075	21209	84031	15613	18531	08504	81822		
010	20910	82030	15413	25500	09711	82625		
049	20910	84011	14012	28500	11712	81820		
026	10908	75011	13514	18500	12708	81823		
022	11009	82020	12815	12502	13612	81820		
100	31108	84030	12116	00902	12718	83075		
917	81508	65021	11817	15677	09713	81630	85462	88275
980	71507	70051	10219	22536	11720	82828	84362	87272
976	81313	74022	06817	7647/	12731	84718	85638	88459
965	81510	66032	10016	5647/	11824	85715	88459	
969	81510	80022	12117	1567/	08713	81630	88459	
962	81414	57636	08215	2742/	14729	82715	88540	
952	81214	40636	09915	4732/	14831	84709	88540	
953	81524	62616	04413	864//	12742	88715		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00191	091 +		+
862	00201	087 +		+
797	00181	122 +		+
776	00201	103 +		+
775	00201	113 +		+
772	00201	104 +		+
586	00191	127 +		+
590				
497		075		
502	00201	097 +		+
628	00200	109 +		+
715	00190	100 +		+
703	00180	099		
827	00170	106 +		+
817	97191	107 +		r
804	01192	085 +		rr
809	95181	089 +		ir.r.r.
894	00170	105 +		+
534	00201	110 +		+
559	00201	103 +		+
462	00191	103 +		+
354	00191	088 +		+
414	00210	104 +		+
360	00210	098 +		+
396		+		+
257	01201	079 +		pr
262	01151	072 +		pr
222	00210	107 +		tl.
302	00190	090 +		+
334	00210	104 +		+
318	00200	108 +		+
204	00180	099 +		+
131	00180			
162	91191	082 pr.tl		tl.pr.
135	00190	122 +		+
140	00210	104 +		+
171	00170	094 +		+
091	00161	021 +		+
005	00110	000 +		+
075	00140	124 +		+
010	00150			
049	00130	082 +		+
026	00160	114 +		+
022	00190	097 +		+
100	00170	118 +		+
917	00220	087 +		+
980	0021	082		
976	0018	013		
965	9719	036		
969	0020	034		
962	0519	002		
952	0417	002		
953	0617	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

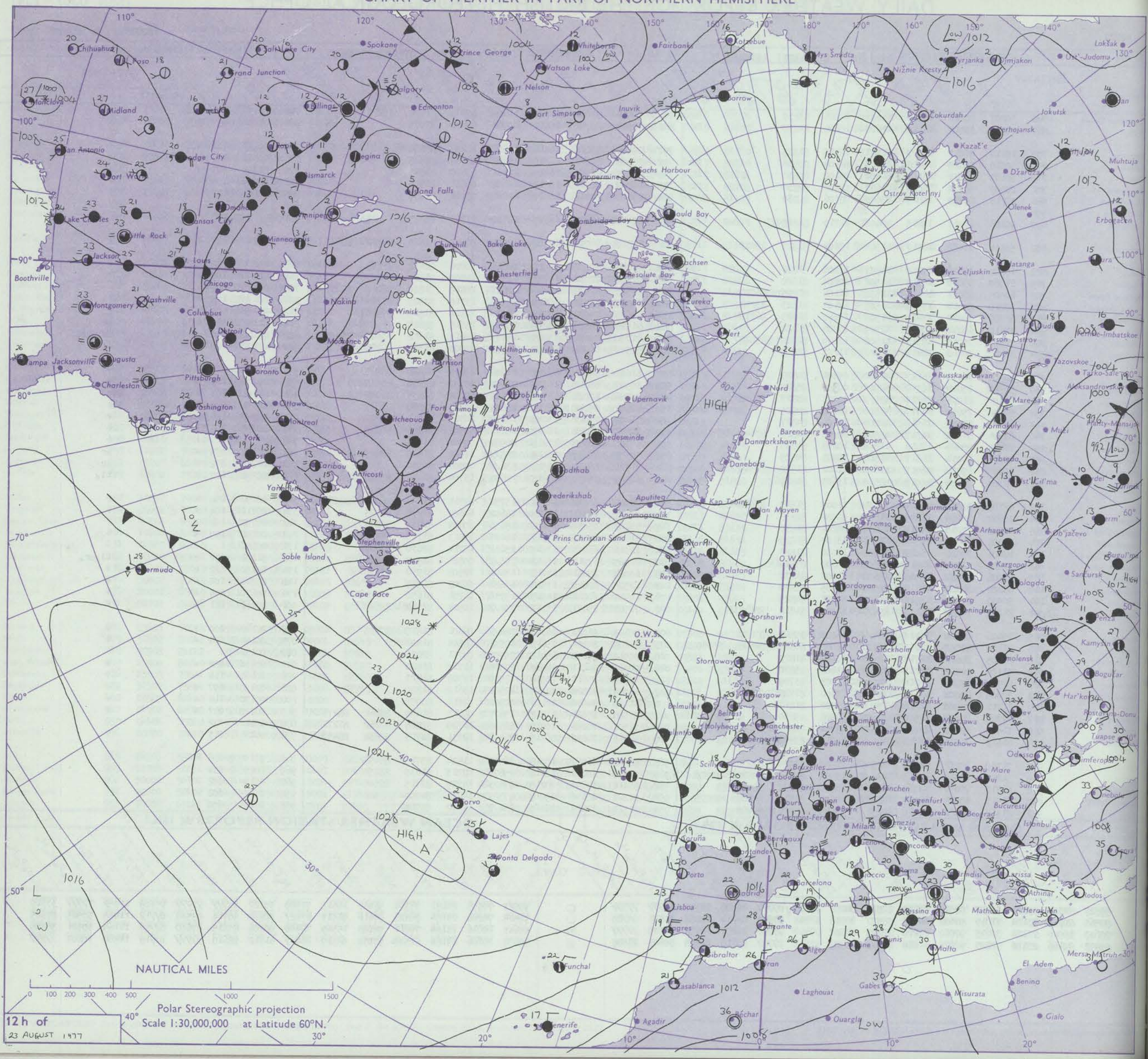
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23121	53417	98016	11112	22550	00256	/////	/////	05109	11347	3////	/////
L	99565	70204	23124	71015	97032	06113	3842/	00718	82815	87460	0//10	11465	30303	99/05
M	99643	10040	23124	33615	97012	13710	22440	00307	/////	/////	05106	11158	30503	/////
R	99472	70166	23124	72423	97022	11219	754//	00808	87613	/////	0//19	11800	30603	28705

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23181	73314	98032	16612	72500	00227	/////	/////	05308	11352	3////	33310
L	99565	70206	23184	80823	97616	01313	6742/	00824	86714	88530	0//12	11455	30505	07805
M	99643	10036	23184	70211	98028	15509	78400	00206	83815	87630	0//06	11169	30301	36805
R	99472	70164	23184	82529	97032	08519	864//	61712	88610	/////	0//18	11804	30607	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


NAUTICAL MILES
0 100 200 300 400 500 1000 1500
Polar Stereographic projection
Scale 1:30,000,000 at Latitude 60°N.
12 h of
23 AUGUST 1977
Spokane
Whitehorse
Fairbanks
Kotzebue
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Calgary
Edmonton
Regina
Bismarck
Island Falls
Winnipeg
Churchill
Baker Lake
Chesterfield
Nakina
Winisk
Moosonee
Port Harrison
Nottingham Island
Fort Chimo
Resolution
Cape Dyer
Upernavik
Godthab
Frederikshab
Narssarssuaq
Prins Christian Sund
Stephenville
Sable Island
Gander
Cape Race
Bermuda
Goose
Caribou
Anticosti
Yarmouth
Toronto
Ottawa
Montreal
Pittsburgh
Detroit
Chicago
Columbus
Nashville
Montgomery
Jackson
Little Rock
Kansas City
Omaha
Minneapolis
Lake Charles
San Antonio
Fort Worth
Midland
Grand Junction
Salt Lake City
Boise
Billings
Rapid City
Lodge City
Boothville
Tampa
Jacksonville
Charleston
Norfolk
Washington
New York
Boston
Caribou
Lajes
Ponta Delgada
Funchal
Tenerife
Porto Santo
Inuvik
Tuktoyaktuk
Sachs Harbour
Coppermine
Cambridge Bay
Gould Bay
Resolute Bay
Eureka
Arctic Bay
Alert
Thule
Nord
Danmarkshavn
Barencburg
Daneborg
Aputiteq
Angmagssalik
Kap Tobin
Jan Mayen
Reykjavik
Dalatangi
Thorshavn
Lerwick
Stornoway
Belmullet
Belfast
Holyhead
Manchester
Liverpool
London
Scilly
Glasgow
Edinburgh
Oslo
Stockholm
København
Helsinki
Tromsø
Murmansk
Arkhangel'sk
Ostersund
Vaasa
Oulu
Luleå
Sveg
Jokkmokk
Kiruna
Narvik
Bodø
Trondheim
Ostrov Kotel'nyj
Ostrov Kolgueev
Mys Šmidta
Nižnie Krestovy
Verhojansk
Cokurdah
Kazač'e
Džardžan
Jakutsk
Olenek
Mys Čeljuskin
Tiksi
Ostrov Kotel'nyj
Russkaja Gavan'
Tazovskoe
Mare-Sale
Tarko-Sale
Aleksandrovsk
Muzi
Salekhard
Obdorsk
Ostrov Kamennaya
Jakobson
Ostrov
Perhe-Imbatskoe
Turuhansk
Igarka
Lesosibirsk
Kargopol'
Sandarsk
Vologda
Arhangel'sk
Ob'jačevo
Syktyvkar
Kirov
Kazan
Penza
Kamyšin
Saratov
Volgograd
Astrahan
Elista
Groznyj
Machačkala
Baku
Tbilisi
Erevan
Kars
Trabzon
Ankara
Samsun
Istanbul
Izmir
Athinai
Rodos
Iraklion
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Poznań
Wrocław
Katowice
Kraków
Lwów
Tarnopol
Kamenec-Podolskij
Odessa
Simferopol
Sevastopol
Mariupol
Rostov-na-Donu
Tuapse
Krasnodar
Stavropol
Astrahan
Orsk
Magnitogorsk
Orenburg
Ufa
Perm
Kirov
Kostroma
Moskva
Smolensk
Bogučar
Har'kov
Kursk
Orel
Tula
Voronež
Tambov
Saransk
Ul'janovsk
Kujbyšev
Samara
Čeljabinsk
Kurgan
Tjumen'
Omsk
Tomsk
Novosibirsk
Barnaul
Rubcovsk
Kemerovo
Abakan
Irkutsk
Bratsk
Ust'-Udoma
Tynda
Čita
Nerčinsk
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Habarovsk
Komsomol'sk
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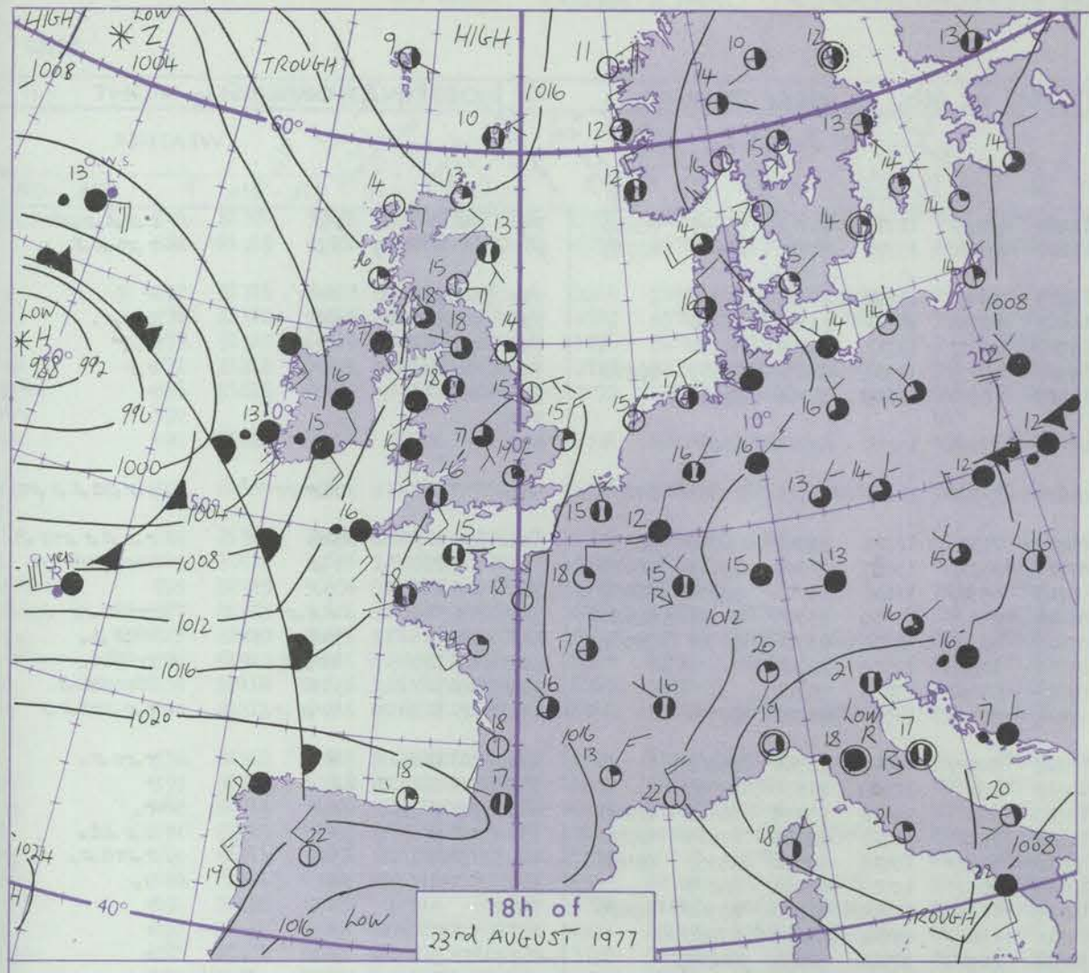
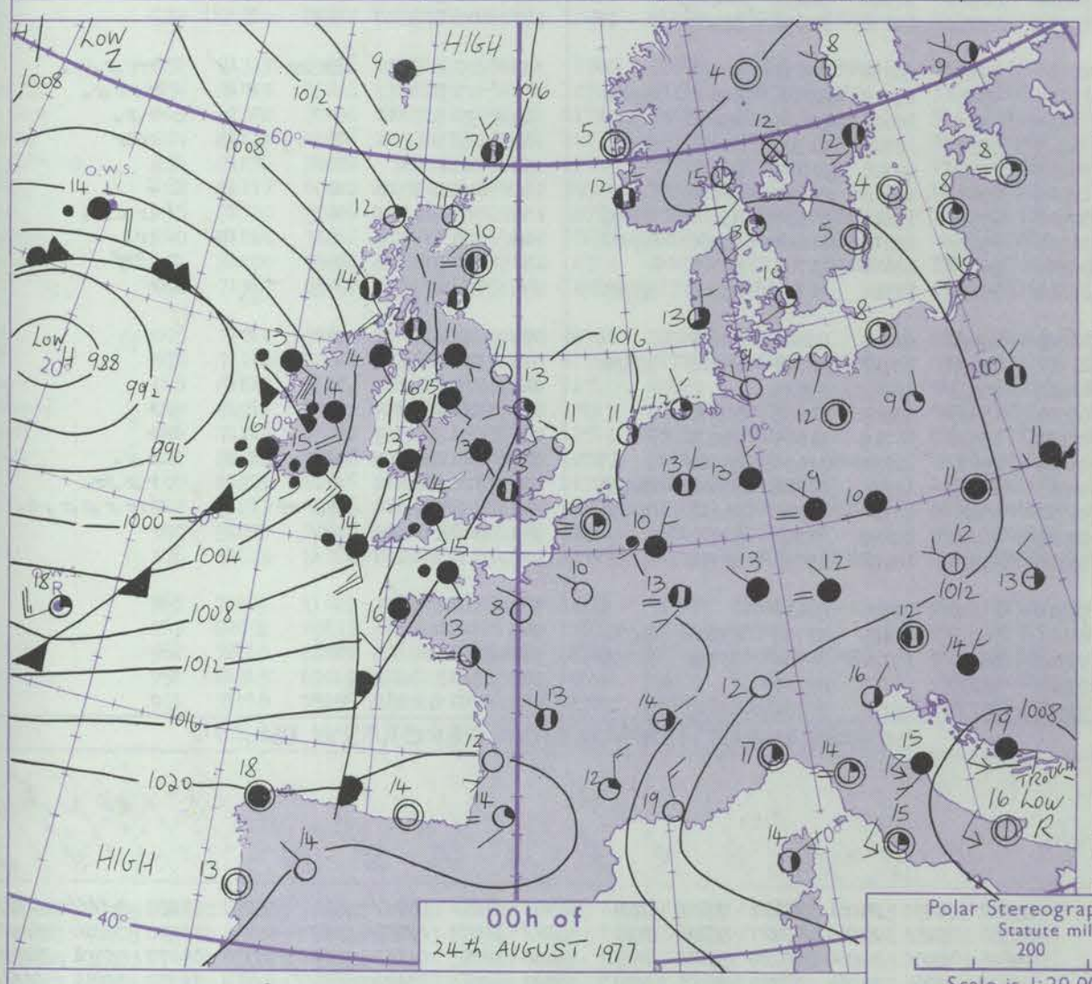
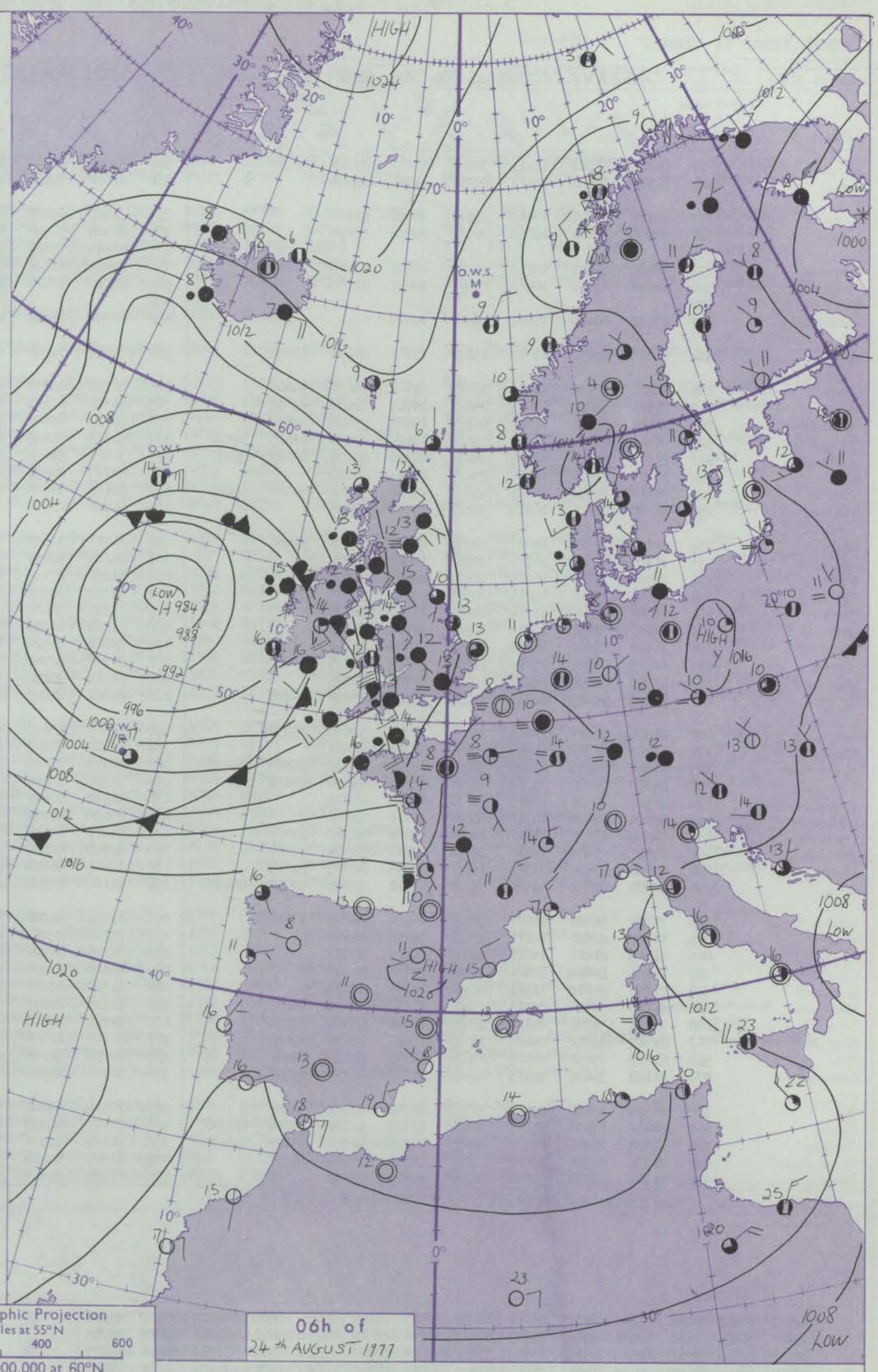
Magadan
Anadyr'
Petropavlovsk
Ust'-Kamčatsk
Ostrov Beringa
Ostrov Mednyj
Ostrov Atlasova
Ostrov Paramušir
Ostrov Simušir
Ostrov Urup
Ostrov Iturup
Ostrov Kunašir
Ostrov Šikotan
Ostrov Hokkaido
Ostrov Honšu
Ostrov Sachalin
Ostrov Kodiak
Ostrov Unimak
Ostrov Kiska
Ostrov Attu
Ostrov Adak
Ostrov Amčitka
Ostrov Atka
Ostrov Umnak
Ostrov Unalaska
Ostrov Nunivak
Ostrov Kuskokwim
Ostrov Kvichak
Ostrov Kenai
Ostrov Kodiak
Ostrov Afognak
Ostrov Baranof
Ostrov Sitka
Ostrov Chichagof
Ostrov Kuiu
Ostrov Prince of Wales
Ostrov Revillagigedo
Ostrov Annette
Ostrov Dall
Ostrov Etolin
Ostrov Kuskokwim
Ostrov Nunivak
Ostrov Unalaska
Ostrov Umnak
Ostrov Atka
Ostrov Amčitka
Ostrov Adak
Ostrov Attu
Ostrov Kiska
Ostrov Unimak







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 24 AUGUST 1977

An Atlantic low has deepened markedly and moved steadily towards the British Isles. Associated frontal troughs have moved into western areas. During the next 24 hours the Atlantic depression will dominate the weather over the British Isles as it moves closer to Northern Ireland.

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

Code FM 11.V

OBSERVATIONS at 00h. 24 AUGUST 1977

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	61505	68012	15411	30932	10712	83362	86075	
Hurn	862	81502	70032	15913	00907	11711	88270		
Manston	797	22303	62020	17010	15601	09806	81640		
Gatwick	776	30901	56111	16609	00902	09806	83078		
Kew	775								
Heathrow	772	71302	58021	16213	30928	10808	83469	87272	
Honington	586	11203	68020	16611	00901	09807	81075		
Wattisham	590								
Gorleston	497	03002	66020	17011	00900	10807			
Aberporth	502	81715	60612	11713	1562/	12718	81640	88459	
Filton	628	81806	62032	14414	3572/	09716	83650	88460	
Rhoose	715	81611	78032	13815	856//	10715	82630	88650	
Hartland Point	703	81618	82616	12312	853//	10822	83707	88650	
Mount Batten	827	81510	60636	13714	3532/	13820	82708	83625	88557
St. Mawgan	817	81517	65636	11613	5542/	12530	82714	84618	88457
Scilly	804	81727	50636	08414	854//	14744	88618		
Culdrose	809	81513	60636	11414	853//	13828	82708	84712	88625
Guernsey	894	81510	62601	16015	856//	13714	87645		
Elmdon	534	81407	65022	15013	8097/	09714	81362	88466	
Cardington	559	61709	62021	16311	00902	10810	86075		
Wittering	462	71304	72031	16510	00906	09609	87270		
Watnall	354	81005	62021	15811	00907	09710	88275		
Shawbury	414	81005	66032	13714	00907	11715	88270		
Finningley	360	81403	72032	15410	00907	09711	88275		
Spurn Point	396	21708	75010	16613	10941	11709	81360		
Leeming	257	61505	70031	15610	00906	09809	86275		
Tynemouth	262	12010	81028	15213	10930	11710	81358		
Carlisle	222	81006	60029	13311	35737	10717	83656	88272	
Valley	302	81510	62022	11616	2577/	10718	82650	88359	
Ringway	334	81408	61022	14015	8092/	08713	88462		
Squires Gate	318	81311	65022	13215	35777	10714	83650	85360	88270
Ronaldsway	204	81309	70022	10915	35707	13824	83650	88272	
Mull of Galloway	131	81522	80032	10915	856//	15820	88630		
Eskdalemuir	162	80000	18108	14308	860//	08714	88701		
Prestwick	135	71209	65022	11912	20938	09718	82360	87270	
Abbotsinch	140	70502	65041	12311	20938	09813	82364	87275	
Leuchars	171	70106	59041	13311	35332	10715	82707	87070	
Dyce	091	70000	60102	14510	753//	09712	81706	83712	86625
Lerwick	005	73303	86022	16107	784//	07804	81815	87645	
Wick	075	11310	82021	14111	15600	09714	81640		
Sule Skerry	010	41115	81011	14111	45500	10713	84625		
Cape Wrath	049	10906	84020	12611	15500	10714	81625		
Stornoway	026	21206	80010	11512	00902	11714	82070		
Benbecula	022	61010	70031	09913	25602	11712	82630	86070	
Tiree	100	71421	70031	09114	30978	11718	83365	87272	
Aldergrove	917	81412	65022	09414	3577/	10715	83656	88458	
Malin	980	81320	65052	07615	2567/	11718	82635	88462	
Belmullet	976	81128	56636	98613	6642/	11761	86714	88535	
Birr	965	81520	30616	02414	7732/	12754	87707	88458	
Dublin	969	81417	57636	09014	5632/	12720	82707	85716	88550
Shannon	962	71525	75216	00515	754//	13629	82715	83625	87645
Roches Point	952	81325	40586	02115	872//	14748	85704	88707	
Valentia	953	81514	50596	99616	863//	15719	88708		

OBSERVATIONS at 06h. 24 AUGUST 1977

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	81312	62616	11412	5542/	11719	81712	85645	88458
862	81611	57616	11414	6547/	13721	81712	85640	88358
797	71505	70031	14813	28452	11609	81815	87362	
776	71304	56044	14112	30938	11611	83360	87272	
775	81404	57052	13913	40937	12711	84365	88270	
772	81104	42102	13313	15777	12713	81656	84365	88270
586	81203	57031	14110	40977	10610	84364	88273	
590								
497	60000	66021	15313	22404	13707	82818	86075	
502	71634	60506	01612	38372	11661	81708	83625	87075
628	81216	45636	09913	7732/	12726	83707	86712	88530
715	81318	62616	07714	853//	13639	81709	83614	88628
703	81730	64606	03213	6532/	13646	83706	85630	88460
827	81514	20656	06514	852//	14739	83705	84708	88620
817	81416	56656	03415	852//	15732	83705	85707	88609
804	82117	24606	02817	872//	17715	88703		
809	82120	08636	03517	870//	17634	88700		
894	81624	12626	10414	871//	14727	86702	87704	
534	81306	60602	11812	8097/	10715	86360	88462	
559	81809	40102	13512	1567/	11609	81630	88359	
462	81302	25102	13510	60977	09612	83359	86462	88270
354	81307	58052	12512	70977	10712	82362	87465	88270
414	81507	59602	09713	3577/	10718	83656	85358	88462
360	81203	61032	12411	60977	10714	86465	88270	
396	51616	75021	14113	11571	11710	81820	83360	85075
257	81607	57042	12210	1561/	09718	81645	87465	
262	41810	56030	12512	20928	07716	82458	84275	
222	81412	62022	09615	2577/	10716	82656	88465	
302	81313	63636	06013	5562/	09734	85632	88550	
334	81510	67212	10214	5542/	09719	82618	84640	88462
318	81313	60602	09414	6562/	10621	82630	85650	88459
204	81314	63612	06613	853//	12724	81706	83621	88650
131	81812	70616	06213	1252/	12726	81825	88460	
162	80000	68032	10310	6567/	09618	86640	88465	
135	81113	60606	07913	6557/	11615	81625	83640	86656
140	80908	60042	08314	1567/	10618	81640	83360	88462
171	80408	06444	10512	860//	12616	84700	88701	
091	81106	65022	11613	862//	12714	81704	85707	88710
005	63502	84021	14508	684//	08705	82812	84640	
075	71212	75021	11912	754//	10712	82712	84618	87626
010	71118	81022	11612	755//	10713	87625		
049	70910	82031	09511	15506	10818	81625	87270	
026	61312	80011	07913	15532	11719	81625	86070	
022	81113	70032	06014	2567/	11720	82630	88462	
100	81222	57606	04813	6542/	12721	82712	85626	88459
917	81315	62616	03712	4542/	10732	82712	84616	88458
980	81235	50636	00412	863//	10640	83708	87713	
976	81514	25586	95315	863//	14606	85708	88714	
965	31319	58216	97514	25602	13725	82636		
969	81328	50586	01813	863//	11625	83706	85708	88712
962	81109	70022	96316	862//	15724	81704	83706	87709
952	81909	40206	97816	862//	16719	88703		
953	71706	70016	95916	762//	15721	85704	87630	

OBSERVATIONS during NIGHT

iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	04111	08	r.	r.r.d.r.rR
862	11112	09	r.	r.rd.r.R
797	97091	07	+	+
776	91081	05	fF	1fr.r.
775	91091	04	+	r.r
772	94111	09	+	r.r
586	00091	05	+	+
590				
497				
502	07101	10	r.r.rr	r.r.id.d.r.rr
628	04131	11	rr.	r.r.d.r.rrr.R
715	14122	11	r.r	rrr.r.rR
703	04112	10		
827	39131	12	r.r.r	rrRRr.Rr
817	21122	12	rrR	RRdd.d.
804	47132	13	1r.RR	rrRRid.
809	49132	12	rrRR	RRrrddd.d.
894	05131	09	1r.r.r.	r.r.ird.r.
534	01111	08	+	r.rr.r.
559	00101	06	+	+
462	97091	07	+	r.
354	97101	08	+	d.r.id.
414	03121	11	+	r.rrd.r.
360	97091	07	+	r.
396			+	+
257	00090	07	+	+
262	00111	08	+	+
222	00110	07	+	+
302	05121	11	1r.rr	rrr.r.1r.
334	97131	12	+	r.-r.r.
318	93131	11	+	r.r.
204	06131	11	R	rrdr
131	04121			
162	00081	06	+	+
135	97121	10	+	1r.d.r.
140	97110	06	+	1r.
171	00100	06	+	1fff
091	00101	05	+	+
005	00060	02	+	+
075	00110	09	+	+
010	00090	09		
049	00101	09	+	+
026	00120	09	+	+
022	91111	09	+	r.r.
100	02131	12	+	r.r.Rr.
917	09111	10	r.r-rr	Rrr.r.d.r.-d.
980	0612	10		
976	1713	12		
965	0712	11		
969	1411	11		
962	0315	13		
952	1013	14		
953	0315	12		

Code FM 21.V

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24001	63313	98028	20411	11550	00117	/////	/////	05307	11307	3////	33/08
L	99568	70206	24004	80721	97616	99713	873//	00801	86708	88710	0/13	11466	30505	99/05
M	99642	10036	24004	83610	98252	15609	884//	00803	83812	88630	0//04	11164	30201	36803
R	99470	70169	24004	22525	98015	05918	25500	00718	82620	/////	0/15	11804	30808	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24061	63112	97158	22311	63400	00211	/////	/////	05207	11288	3////	/////
L	99568	70208	24064	70427	97016	99413	5532/	11303	82708	84620	0/12	11448	30506	36907
M	99646	10032	24064	70209	97168	14908	79400	00705	83912	85630	0//06	11127	30301	36703
R	99470	70166	24064	62735	98021	02417	58502	00715	83820	/////	0/14	11750	30811	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42280

Date of Issue THURSDAY 25 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 24 AUGUST 1977

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	81321	50656	05013	7722/	13736	84703	87705	88530
Hurn	862	81919	59506	05316	872//	16738	86703	88706	
Manston	797	81716	64612	11815	5832/	12811	83809	85650	88459
Gatwick	776	81312	56616	09413	3747/	12833	83711	83358	88460
Kew	775	81513	60616	09113	6742/	11736	86715	88550	
Heathrow	772	81212	60616	08713	7742/	12735	82710	85615	88550
Honington	586	81615	80602	10117	2142/	10733	82818	88459	
Wattisham	590								
Gorleston	497	81620	66022	11816	2252/	12728	82820	88460	
Aberporth	502	81624	45636	97314	851//	14721	82702	86710	88630
Filton	628	81518	30656	02714	872//	14734	86704	88710	
Rhoose	715	81416	19626	00915	870//	15736	88701		
Hartland Point	703	82525	56636	99517	873//	17712	88706		
Mount Batten	827	82225	30606	02017	872//	16712	85703	88706	
St. Mawgan	817	82220	40656	01216	5702/	16509	82701	84702	88540
Scilly	804	61910	60216	99917	68400	16717	83818	86625	
Culdrose	809	82118	15656	01216	870//	16710	88701		
Guernsey	894	81818	61216	06816	852//	16716	83704	86710	88640
Elmdon	534	81316	61616	05212	873//	11743	83708	88711	
Cardington	559	81516	60616	08113	5552/	12839	85625	88460	
Wittering	462	81619	56606	08515	854//	09733	85618	88656	
Watnall	354	81315	56586	07113	6542/	12835	84712	85620	88460
Shawbury	414	81313	50636	03313	873//	11739	85707	88710	
Finningley	360	81414	63036	07316	4557/	11735	84622	85359	88464
Spurn Point	396	81416	65022	10016	6547/	13728	82715	86625	88360
Leeming	257	81517	58042	06717	5847/	09734	82812	85650	88462
Tynemouth	262	61427	66021	07715	6097/	13730	86358		
Carlisle	222	71214	80012	04817	2857/	10829	81827	85359	87462
Valley	302	81317	65216	97916	6542/	12740	82710	86620	88540
Ringway	334	81419	68606	04014	6547/	10743	83714	85635	88458
Squires Gate	318	81322	70036	02915	854//	11740	85615	88630	
Ronaldsway	204	81129	45636	99513	853//	12743	82707	85710	85714
Mull of Galloway	131	81836	80026	98414	2742/	13748	82710	88462	
Eskdalemuir	162	81117	65022	05214	2852/	09727	81828	88462	
Prestwick	135	71320	70256	01917	58572	08737	83824	85640	87359
Abbotsinch	140	81214	70216	03417	6552/	07833	82628	85640	88460
Leuchars	171	81220	75034	07415	1577/	11719	81656	87359	88462
Dyce	091	71310	65052	09116	7533/	12815	81708	87612	
Lerwick	005	71010	84021	13714	38405	08706	82812	85270	
Wick	075	71116	80022	09614	7543/	11716	81715	84618	87635
Sule Skerry	010	81218	81022	09614	855//	12711	88625		
Cape Wrath	049	80916	80022	08214	35507	12817	83620	88270	
Stornoway	026	71117	65022	05016	3563/	12719	83630	86360	
Benbecula	022	80916	70606	02215	6542/	12727	81614	86650	88460
Tiree	100	81228	62216	00514	6551/	11728	86622	88458	
Aldergrove	917	81213	35506	98213	863//	11725	83708	86709	88711
Malin	980	81221	70606	97413	864//	11811	85710	88716	
Belmullet	976	51605	81026	92218	3343/	16715	81716	83360	81921
Birr	965	70809	81029	92817	784//	14728	83715	86636	
Dublin	969	82008	20635	95814	871//	13622	85702	88704	
Shannon	962	72610	86029	91921	63463	16723	81715	85920	83920
Roches Point	952	61915	68019	94017	22402	15808	82815	85068	
Valentia	953	71710	75256	92016	724//	15721	83714	85823	

OBSERVATIONS at 18h. 24 AUGUST 1977

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	81512	58586	00514	851//	13516	85702	88612	
Hurn	862	81714	66615	00716	853//	16823	81707	86709	88615
Manston	797	81717	25586	06315	7722/	14720	83703	85705	87709
Gatwick	776	81917	50216	03716	874//	15723	83710	88712	
Kew	775	82213	25656	03817	2732/	16514	82706	88535	
Heathrow	772	81813	50636	02917	2542/	15517	81712	88556	
Honington	586	81517	40596	03614	872//	13730	83704	88707	
Wattisham	590								
Gorleston	497	81628	60616	05615	8072/	12737	88550		
Aberporth	502	61914	75036	94416	68400	13617	84816	83640	
Filton	628	81810	28646	98515	3732/	14719	83708	88520	
Rhoose	715	52210	82018	97617	58430	14716	81810	85820	
Hartland Point	703	52718	74031	96417	22531	14615	82820	84360	
Mount Batten	827	72216	60806	99116	5823/	15615	81704	83708	85360
St. Mawgan	817	72118	65156	97417	6843/	14715	82812	85815	
Scilly	804	72220	62808	97117	784//	14715	84818	85625	
Culdrose	809	52121	60056	97817	58432	14714	81710	83816	
Guernsey	894	71722	45586	02516	770//	16619	82701	85702	86704
Elmdon	534	71308	75616	98414	7537/	13522	81706	86640	87458
Cardington	559	72114	60216	01015	55272	15731	83705	84650	87075
Wittering	462	81615	30636	01014	852//	14734	84704	87706	88620
Watnall	354	81511	45636	99414	872//	13631	88704		
Shawbury	414	71408	50216	96415	6522/	15631	81703	83635	86650
Finningley	360	81710	50596	99613	872//	13640	88704		
Spurn Point	396	81426	24636	02513	874//	13740	88710		
Leeming	257	81411	50636	99812	872//	11738	86704	88706	
Tynemouth	262	81430	61616	00414	4732/	13841	84706	88458	
Carlisle	222	81413	62656	97413	5542/	12733	81713	85628	88559
Valley	302	61818	70016	93817	683/2	14710	81708	86814	
Ringway	334	71211	70606	96315	5547/	13635	81715	85650	87458
Squires Gate	318	71412	60606	96413	7832/	13526	81708	87625	
Ronaldsway	204	71314	62216	93515	793//	14615	81706	83716	81920
Mull of Galloway	131	81534	60216	91113	874//	13745	88710		
Eskdalemuir	162	81121	58636	97712	873//	10740	85708	88714	
Prestwick	135	81126	58636	94813	4552/	11738	82620	83630	88460
Abbotsinch	140	80715	56616	96314	854//	12838	81618	85622	88645
Leuchars	171	81028	63602	01514	4642/	12732	84711	88556	
Dyce	091	71111	68022	04214	26478	11728	82714	87460	
Lerwick	005	51013	84022	11512	22431	08711	82812	83362	
Wick	075	81117	62052	06013	5532/	12716	81709	84620	88459
Sule Skerry	010	81220	81022	06314	855//	10715	88620		
Cape Wrath	049	80914	70022	03912	885//	12711	84820	88625	
Stornoway	026	71120	70212	00216	4563/	11723	84630	87359	
Benbecula	022	80711	66626	97513	854//	12728	82615	85622	88640
Tiree	100	81018	60606	94714	3567/	11730	83645	85358	88460
Aldergrove	917	80912	20916	89214	862//	13739	86704	88706	
Malin	980	80925	60216	90113	864//	12733	83712	87715	
Belmullet	976	70505	76619	88815	794//	14714	82715	85920	85638
Birr	965	71708	70258	88516	785//	14614	84821	86638	
Dublin	969	71712	80036	90018	69563	11508	82922	85640	
Shannon	962	71501	80258	88115	794//	14619	82716	87922	84922
Roches Point	952	71920	62258	89316	784//	14621	84815	87640	
Valentia	953	62409	70018	88417	52402	14607	85815		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	25171	000	rRRd.r.dr	d.r.Rrrr.
Hurn	862	39171	000	rRr.d.d.	Rr.rpR
Manston	797	10161	008	r.r.rrir.	d.r.drir.rr.
Gatwick	776	19171	000	r.r.rrdrdr	rr.d.r.R
Kew	775	17171	000	rr.rrRd.	d.-r.Rrr.r.
Heathrow	772	16171	000	rrRd.r.d.r.	Rdrr.
Honington	586	07171	001	r.r.rR	r.rd.r.d.r.dr
Wattisham	590				
Gorleston	497		019		
Aberporth	502	05171	008	d.d.d.r.rrir.	pr.pr
Filton	628	29181	000	RRrd.r.d.d.	Rrr.RRr.
Rhoose	715	17181	004	Rrr.Rr	rr.pr.l
Hartland Point	703	15172	023		
Mount Batten	827	10171	018	rRd.r.	d.r.pr.
St. Mawgan	817	16182	030	d.d.R	pr.
Scilly	804	14182	046	1rrr	pr.
Culdrose	809	13170	028	d.r.r.r.RR	+
Guernsey	894	05181	000	1r.d.r.d.d.dr	drRd.r.
Elmdon	534	18161	001	r.r.rR	rRr.
Cardington	559	10161	000	1r.r.r.r	r.d.d.r.Rir.
Wittering	462	07161	000	r.r.r	rRr.d.r.d.r
Watnall	354	11151	000	d.r.d.r.rR	d.r.Rdr
Shawbury	414	08151	000	d.r.rr.r.R	rr.R
Spurn Point	360	02161	001	r.d.r.	d.r.drdrr.r.r
Leeming	396			1r.	1rrrr.r.
Tynemouth	257	07171	002	r.	r.Rrr
Carlisle	222	06171	000	r.	rr.rRir.r
Valley	302	06171	005	rr	1r.pr.
Ringway	334	04151	000	r.r.rR	rr.
Squires Gate	318	08151	000	r.rR	r.r
Ronaldsway	204	13151	000	d.r.1r.R	Rir.pR
Mull of Galloway	131	15141			
Eskdalemuir	162	10152	000	r.	r.r.rrr.
Prestwick	135	05171	001	1r.pr.	1r.RR
Abbotsinch	140	12172	000	1r.	r.r.rr
Leuchars	171	09172	006	+	1r.rrR
Dyce	091	97161	004	+	r.
Lerwick	005	00140	091	+	+
Wick	075	00140	001	+	+
Sule Skerry	010	00140			
Cape Wrath	049	00151	032	+	+
Stornoway	026	97161	000	+	1r.
Benbecula	022	04161	000	r.r.r	r.r.1d.r
Tiree	100	07151	000	r.r.	r.Rrr
Aldergrove	917	16152	000	r.r.RRr.	1r.d.r.Rpr.
Malin	980	0414	002		
Belmullet	976	1520	034		
Birr	965	1321	018		
Dublin	969	1619	015		
Shannon	962	0521	034		
Roches Point	952	2618	037		
Valentia	953	0519	039		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

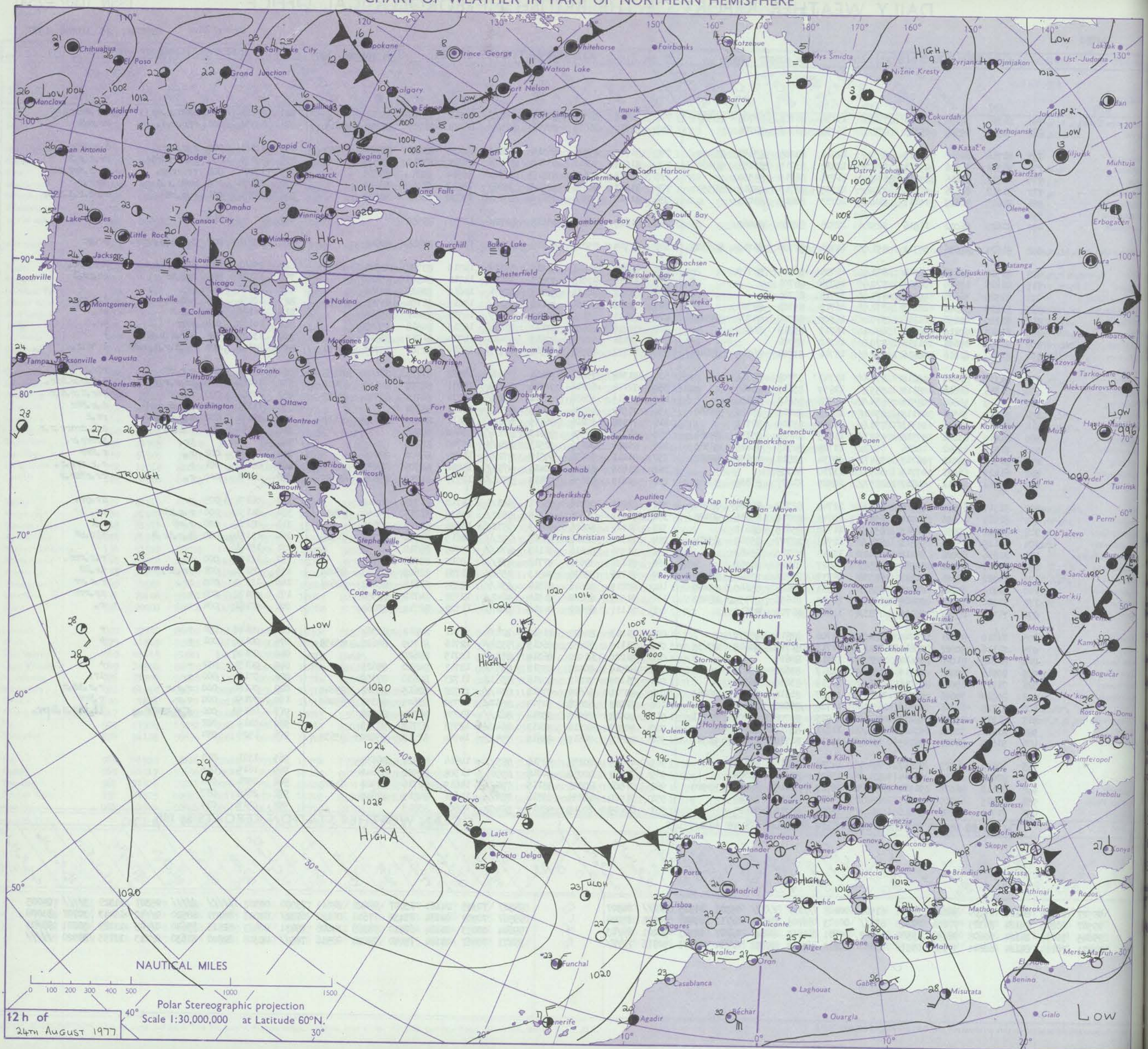
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24121	63109	98022	24011	61500	00208	/////	/////	05306	11315	3////	04307
L	99567	70208	24124	80125	97216	00113	853//	00103	86708	88615	0//12	11446	30505	11008
M	99645	10033	24124	60608	98158	15309	69402	00601	81915	84640	0//07	11163	30201	99/03
R	99471	70169	24124	62841	97158	05316	43430	00212	83915	85358	0//14	11777	30916	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24181	73007	98022	24611	75500	00302	/////	/////	05307	11329	3////	04005
L	99567	70209	24184	83432	97618	00112	6732/	81003	86709	88520	0//12	11443	30707	31008
M	99644	10033	24184	60510	98168	14608	59431	00803	82915	85640	0//05	11189	30201	99/03
R	99471	70167	24184	73040	98028	08516	785//	00318	82820	87630	0//13	11755	30920	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Low
High
Trough
High A
Low A
Low N
O.W.S.
Chihuahua
El Paso
Manclova
Midland
San Antonio
Fort Worth
Lake Charles
Jacksonville
Tampa
Augusta
Charleston
Norfolk
Washington
Pittsburgh
Toronto
Ottawa
Montreal
Boston
New York
Bermuda
Jacksonville
Montgomery
Nashville
Columbia
Detroit
Chicago
Boothville
Little Rock
Kansas City
Omaha
Dodge City
Rapid City
Bismarck
Minneapolis
Winnipeg
Grand Falls
Regina
Billings
Salt Lake City
Grand Junction
Spokane
Calgary
Edmonton
Prince George
Whitehorse
Watson Lake
Fort Nelson
Fort Simpson
Fort Smith
Inuvik
Barrow
Kotzebue
Fairbanks
Mys Šmidta
Nižnie Kresty
Zyrjanka
Ojmjakon
Ust'-Judoma
Lokčak
Čokurdah
Verhojansk
Kazač'e
Ostrov Žohova
Ostrov Kotel'nyj
Jakutsk
Oljokminsk
Tiksi
Olenek
Tatanga
Mys Čeljuskin
Jedinetiya
Ostrov Dikson
Russkaja Gavan'
Nord
Barencburg
Dikson
Mare-sale
Dudinka
Igarka
Turuhansk
Yenisejsk
Tarko-Sale
Aleksandrovskoje
Hanty-Mansijsk
Muži
Salehard
Jamburg
Labytnangi
Tobolsk
Turinsk
Ivdel'
Ust'-Ilim'sk
Bratsk
Ust'-Kut
Kirensk
Vitim
Erbogačen
Muhtuja
Bogučar
Kamyšlov
Sančursk
Kirov
Gor'kij
Perm'
Ob"jačevo
Arhangel'sk
Mezen'
Sodanky
Tromso
Lulea
Reb
Mo
Mjken
Jordavan
Oersund
Vaasa
Thorshavn
Lerwick
Stornoway
Glasgow
Belmullet
Valentia
Holyhead
Manchester
Liverpool
London
Scilly
Helsinki
Stockholm
Oslo
Moskva
Smolensk
Minsk
Kaliningrad
Gdańsk
Warszawa
Częstochowa
Hannover
Berlin
Köln
Bruxelles
Paris
Brest
Tours
Dijon
Bern
Clermont-Ferrand
München
Genève
Milano
Venezia
Genova
Ajaccio
Roma
Brindisi
Beograd
Skopje
Bucuresti
Sulina
Odesa
Simferopol'
Rostov-na-Donu
Sevastopol'
Inebolu
Samsun
Erzincan
Kayseri
Adana
Antalya
Rodos
Athinai
Heraklion
Larissa
Mathon
Canya
Malta
Tripoli
Misurata
Gabes
Sfax
Tunis
Alger
Oran
Bône
Mersa Matruh
El Alamein
Benino
Gialo
Laghouat
Ouargla
Béchar
Agadir
Casablanca
Gibraltar
Tarifa
Lisboa
Sagres
Alicante
Madrid
Coruña
Santander
Bordeaux
Porto
Lajes
Porta Delgada
Corvo
Funchal
Tenerife
Las Palmas
Sable Island
Gander
Stephenville
Cape Race
Anticosti
Mingan
Caribou
Yarmouth
Goose
Hopedale
Nain
Hebron
Cape Dyer
Resolution
Pond Inlet
Lake Harbour
Frobisher
Nottingham Island
Port Harrison
Moosonee
Nakina
Winisk
Churchill
Baker Lake
Chesterfield
Coral Harbour
Arctic Bay
Resolute Bay
Eureka
Alert
Thule
Clyde
Cambridge Bay
Gjoa Haven
Sachs Harbour
Kopermine
Aklavik
Mould Bay
Isachsen
Godthab
Frederikshab
Narssarssuaq
Prins Christian Sund
Angmagssalik
Aputiteq
Kap Tobin
Jan Mayen
Reykjavik
Daltarwiti
Dalatangi
Thorshavn
Danmarkshavn
Daneborg
Tjornova
Apen
Sabetta
Jamal
Kolguev
Naryan-Mar
Vorkuta
Pečora
Ukhta
Kotlas
Ust'-Vym
Ust'-Kulom
Ust'-Sysol'sk
Kirov
Sarapul
Kazan'
Ufa
Orenburg
Aktjubinsk
Uralsk
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Gurjev
Kaspijsk
Groznyj
Machačkala
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Kirovabad
Tbilisi
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Kutaisi
Sinop
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Giresun
Samsun
Inebolu
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Bandirma
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Canakkale
Edremit
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Marmaris
Fethiye
Finike
Silifke
Mersin
Iskenderun
Adana
Kayseri
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Isparta
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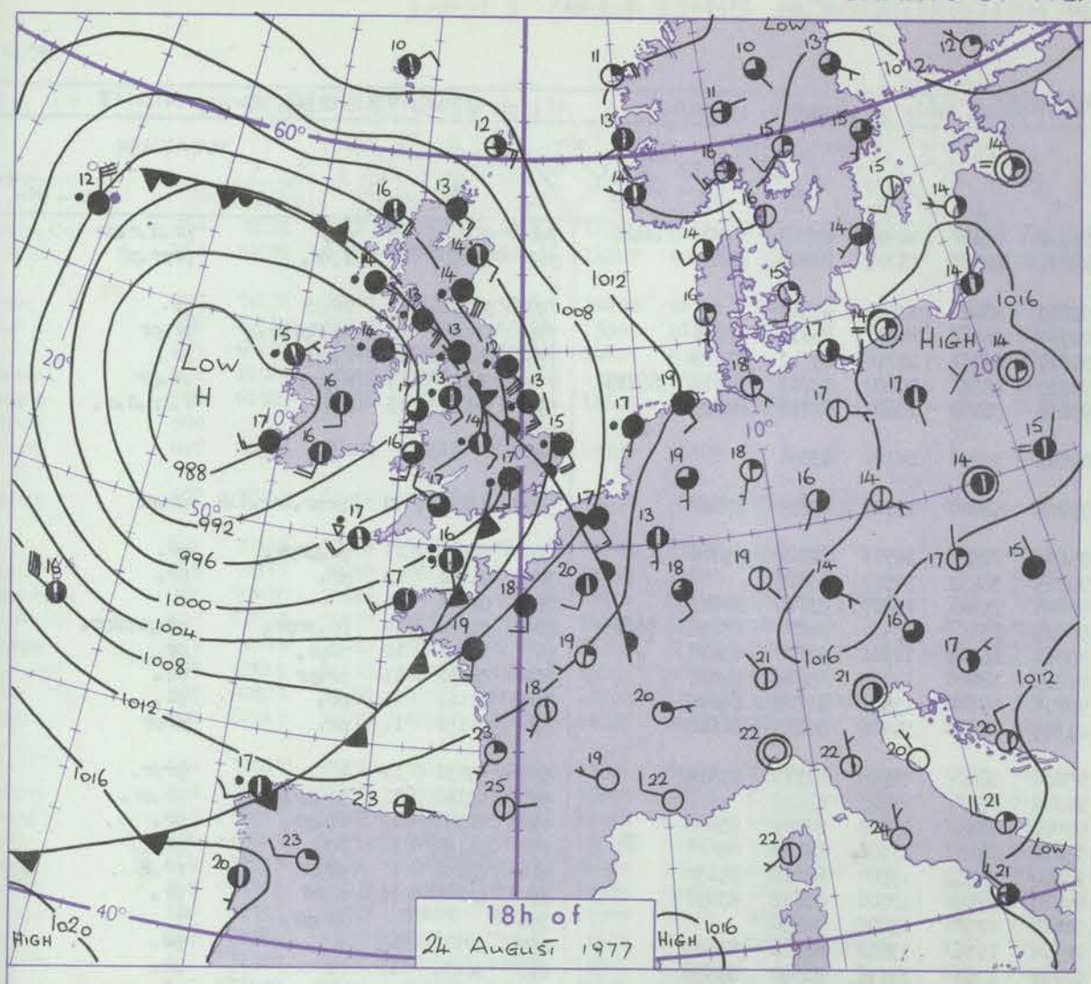
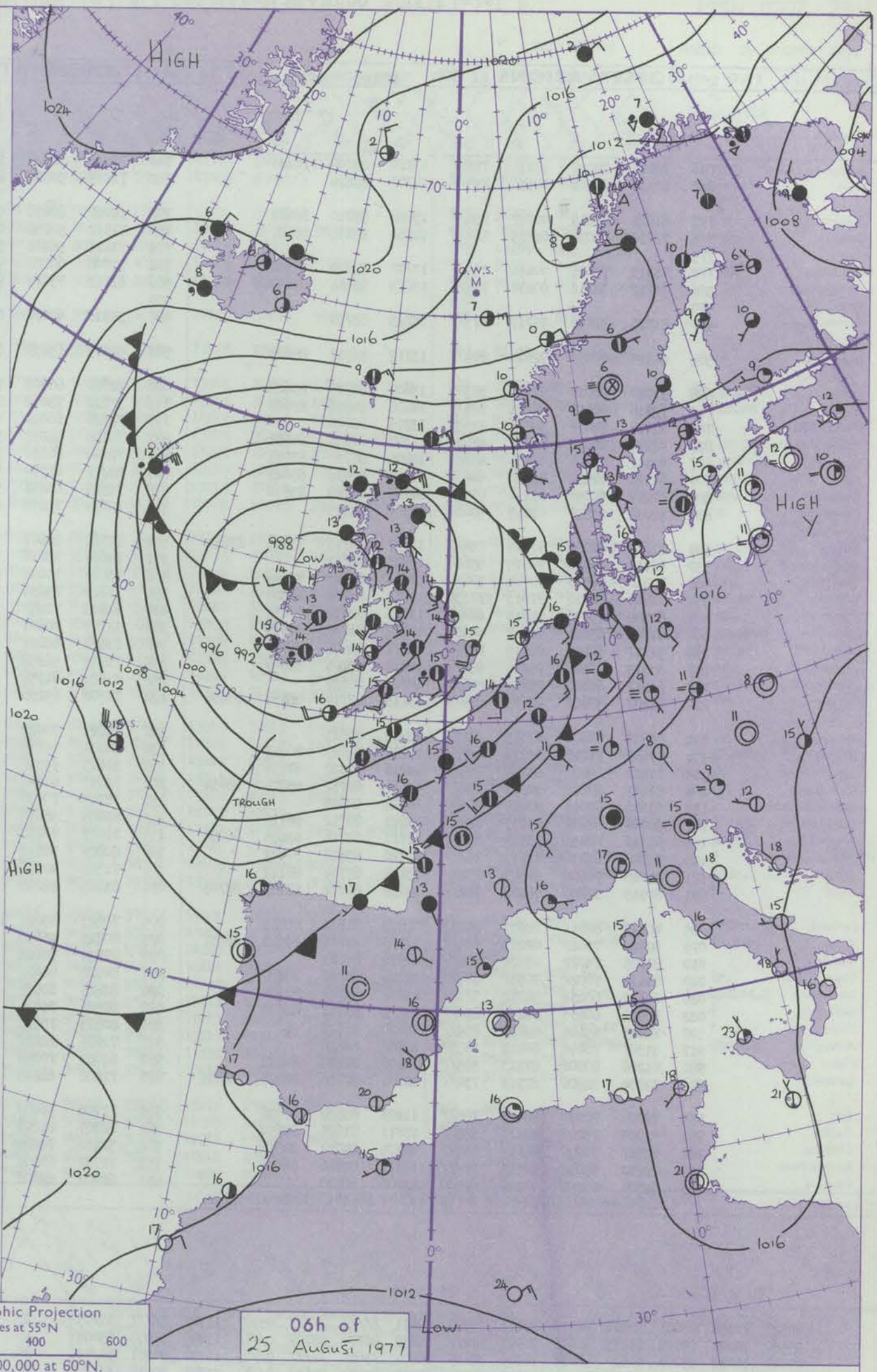
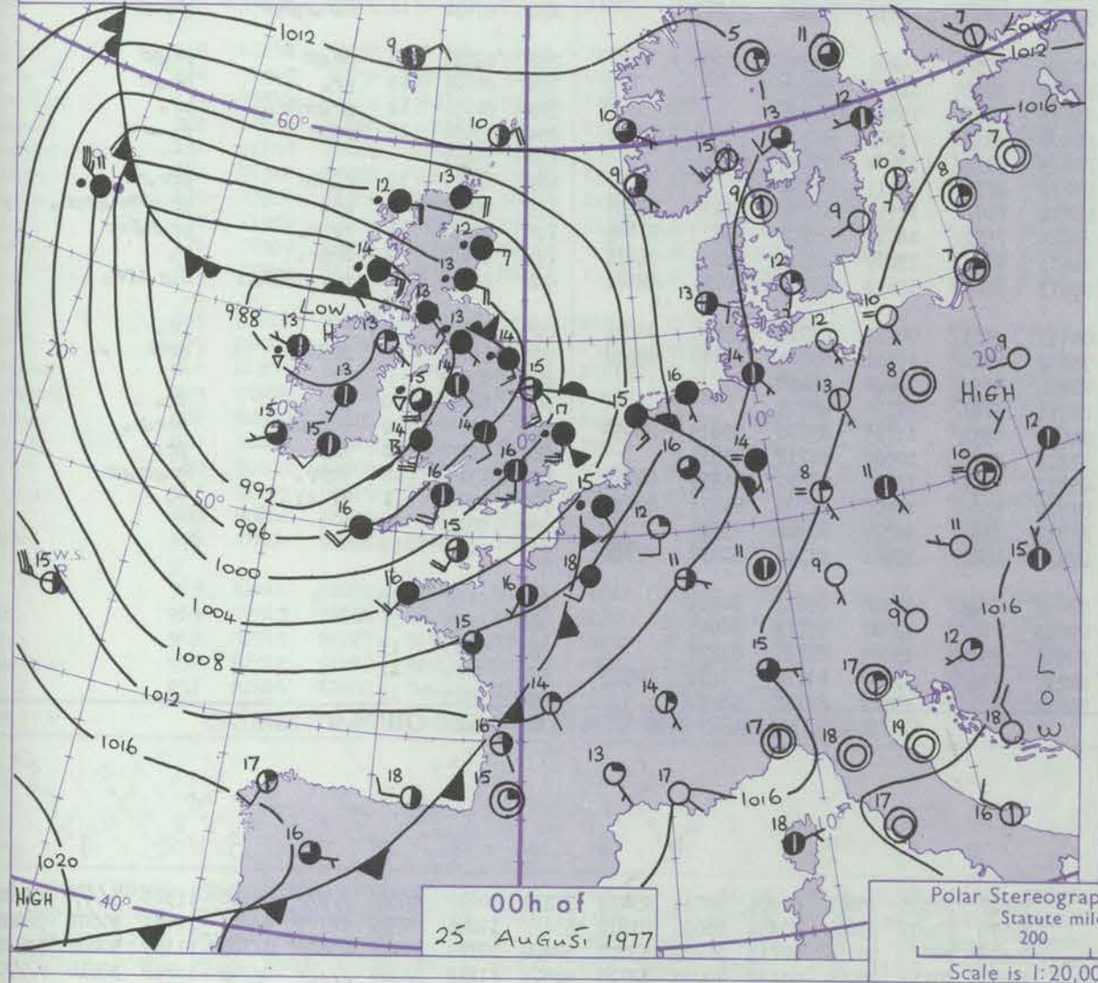
Heraklion
Athinai







Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

06h of
25 August 1977

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 25 AUGUST 1977

During the past 24 hours the deep Atlantic low has moved slowly east towards Northern Ireland and the associated fronts have travelled quickly northeast across southern parts of the British Isles. During the next 24 hours the low is expected to continue to drift east or northeast and maintain its central pressure.

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

Code FM 11.V

OBSERVATIONS at 00h. AUGUST 1977

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	72019	75256	99115	753//	13710	83708	86616	
Hurn	862	82119	70206	00316	855//	14707	88624		
Manston	797	81921	65215	02317	854//	15622	85710	88621	
Gatwick	776	72010	75036	01815	784//	14504	83813	86620	
Kew	775								
Heathrow	772	71813	70606	00416	755//	13707	83620	87630	
Honington	586	71712	56216	00216	754//	15613	86614	87650	
Wattisham	590								
Gorleston	497	81825	32636	01717	873//	15723	88709		
Aberporth	502	81925	60959	92214	894//	13712	86917	88625	
Filton	628	32010	70016	97215	38300	13609	81709	83628	
Rhoose	715	72416	80258	96616	784//	14806	84816	87622	
Hartland Point	703	32728	74018	94815	2253/	13705	82820		
Mount Batten	827	42222	64018	98115	48400	15707	82814	84635	
St. Mawgan	817	62117	65028	96615	49463	14806	82710	83912	
Scilly	804	62121	62258	96516	68460	14806	84818	85623	
Culdrose	809	62219	50056	97116	683//	14708	81709	83816	
Guernsey	894	52018	65258	03015	58400	14804	84815		
Elmdon	534	71611	70026	97114	754//	13807	83711	83625	87650
Cardington	559	52010	70136	99815	55600	14705	85631		
Wittering	462	71910	80036	98714	784//	13606	82818	87640	
Watnall	354	41809	70016	97013	37330	13711	83708	83360	
Shawbury	414	61508	75038	94615	684//	13713	82818	86632	
Finningley	360	41706	65026	96513	45400	13713	81710	84645	
Spurn Point	396	51717	68256	98015	42570	15716	84825	85360	
Leeming	257	81513	30106	95415	853//	14719	85706	88614	
Tynemouth	262	81812	61026	95614	856//	14720	88630		
Carlisle	222	81307	59626	93613	854//	13713	82714	85634	88656
Valley	302	61819	70808	90315	625//	12823	86825		
Ringway	334	61609	75026	95015	655//	13710	81625	86645	
Squires Gate	318	71412	65026	93114	785//	14716	81820	87656	
Ronaldsway	204	81413	59802	90515	894//	13619	82912	85814	88634
Mull of Galloway	131	51616	82018	90015	58500	14714	84825		
Eskdalemuir	162	80000	62216	93711	874//	11821	86712	88716	
Prestwick	135	61116	70036	91513	654/1	11721	81714	83635	86650
Abbotsinch	140	70708	65036	92613	784//	12720	83818	87622	
Leuchars	171	81018	70606	94613	872//	13735	85704	88712	
Dyce	091	80915	30656	98212	871//	12838	82702	87703	88705
Lerwick	005	40719	82011	08910	28431	07814	81812	83072	
Wick	075	80921	70022	02213	854//	11725	81715	83623	88657
Sule Skerry	010	81225	74022	03312	855//	10716	88625		
Cape Wrath	049	81415	70022	99512	854//	12720	84710	88620	
Stornoway	026	80820	65636	98012	5732/	11717	85706	88460	
Benbecula	022	80626	60636	93211	854//	11726	83711	88633	
Tiree	100	81023	65606	89814	854//	12620	88619		
Aldergrove	917	31307	70018	88413	28530	12808	82820		
Malin	980	61206	80806	87213	585/2	13806	82820	84632	
Belmullet	976	72804	72806	87913	734//	12101	82716	84920	87638
Birr	965	72004	70039	88413	785//	11203	83820	87636	
Dublin	969	51903	75218	88413	555//	13711	81625	85650	
Shannon	962	62507	70259	88614	633//	14204	84709	84918	
Roches Point	952	72210	65038	90315	784//	13310	82816	86638	
Valentia	953	62307	70258	90115	62500	13206	86820		

OBSERVATIONS at 06h. 25 AUGUST 1977

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	72016	50818	97414	722//	14508	83703	84706	86810
Hurn	862	72115	50808	98815	723//	15708	84709	85812	
Manston	797	22022	80036	01715	28401	13605	81812		
Gatwick	776	71917	59258	00315	784//	14607	85813	87645	
Kew	775	71811	56808	99315	754//	14710	85712	87622	
Heathrow	772	71708	60808	98915	783//	14609	82709	83612	86815
Honington	586	61712	75021	99215	55480	13604	82710	84625	
Wattisham	590								
Gorleston	497	31918	62020	00415	30930	14704	83358		
Aberporth	502	52015	65259	92214	58400	13302	83815	85628	
Filton	628	72010	60808	95615	783//	14503	84708	85820	
Rhoose	715	32212	78018	94915	38432	14503	83815		
Hartland Point	703	72526	66038	93615	753//	15803	83706	87635	
Mount Batten	827	72420	58258	96615	753//	15501	84707	85711	85625
St. Mawgan	817	72214	60028	95815	66302	14301	85709	83640	
Scilly	804	52322	62258	96816	58400	13205	83818	84623	
Culdrose	809	72516	60258	96715	68302	13507	81709	83625	
Guernsey	894	72019	75258	01315	784//	14506	86813	86640	
Elmdon	534	71712	50801	95014	784//	13505	81713	85816	
Cardington	559	72012	70016	98115	755//	14505	87625		
Wittering	462	71812	70038	97014	7843/	13607	82715	85820	
Watnall	354	71813	75251	95214	784//	13504	84710	84620	
Shawbury	414	61808	70258	93014	58432	13500	82818	85650	
Finningley	360	51709	70801	94514	58400	13506	83812	83630	
Spurn Point	396	21817	68021	96414	12570	13605	81820		
Leeming	257	71515	56258	92514	7636/	13612	85706	85814	
Tynemouth	262	51820	61258	91814	1363/	13716	81930	85358	
Carlisle	222	71506	65258	90214	59570	13510	84920	83640	
Valley	302	72023	70028	90215	783//	14207	83807	86656	
Ringway	334	31814	65158	92814	39400	12501	82912		
Squires Gate	318	31613	65018	91013	29531	13301	81920		
Ronaldsway	204	72010	61028	89014	783//	13305	81707	83640	87650
Mull of Galloway	131	72319	70039	87814	5553/	13604	85625	84360	
Eskdalemuir	162	81408	56636	90212	873//	11611	88708		
Prestwick	135	71013	70218	88412	734//	12715	81714	81920	83635
Abbotsinch	140	80809	30628	89413	7532/	12612	83708	85620	87645
Leuchars	171	71306	40036	91413	751//	13609	82702	85704	85625
Dyce	091	81205	12216	92413	870//	13616	81700	87701	88702
Lerwick	005	70623	83021	04111	58432	07722	82710	83625	86072
Wick	075	80725	56636	95912	852//	11731	83704	85709	88630
Sule Skerry	010	80930	74622	99012	855//	10620	88620		
Cape Wrath	049	80928	60606	94511	872//	09708	88705		
Stornoway	026	80829	60636	94612	6532/	11715	83706	85615	88459
Benbecula	022	60526	75026	91712	35432	10500	81712	83630	
Tiree	100	80813	75016	89013	5567/	12502	85630	86359	88462
Aldergrove	917	71906	62029	87313	783//	12500	82708	83816	86630
Malin	980	61004	70258	87013	635//	12301	82920	85638	
Belmullet	976	72408	66218	87414	4847/	13601	81716	83638	87359
Birr	965	72106	56102	88413	764//	12306	85612	86634	
Dublin	969	72107	81216	89013	764//	12307	85713	86645	
Shannon	962	52510	74028	89014	53403	13305	82710	83920	
Roches Point	952	72702	66808	90214	734//	13302	81714	87632	81913
Valentia	953	62909	62806	90915	634//	13312	83715	86921	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	05141	13	pr.	pr.d.r.pr
Hurn	862	03151	14	d.-r.	prpr.pR
Manston	797	01151	13	ir.ir	jp
Gatwick	776	11151	13	rr.Rprpr.	pr.pr
Kew	775	02151	13	r.Rpr.	pr.
Heathrow	772	01151	13	r.pr.	pr.pr
Honington	586	94141	13	r.ir.	r.ir.d.r.
Wattisham	590				
Gorleston	497				
Aberporth	502	19121	11	prpr.tlr.tlR	pr.pr
Filton	628	01151	13	pr.prpr.	pr.
Rhoose	715	94151	13	pr.	pr.
Hartland Point	703	01151	14		
Mount Batten	827	03151	14	pr.prpr.	pr.prpRpr.
St. Mawgan	817	10131	12	pRpr.	pr
Scilly	804	01152	13	pr.pr	pr.
Culdrose	809	01141	13	pr.	pr.
Guernsey	894	01151	11	pr.	prpr
Elmdon	534	95131	12	+	prpr.
Cardington	559	02141	11	ir.irl	ir.pr.
Wittering	462	91131	12	rr.pr.	pr.
Watnall	354	02131	11	Rd.	pr.
Shawbury	414	03131	11	pr.l	pr.r
Finningley	360	04131	11	r.rR	pr.
Spurn Point	396			ir.pr.	+
Leeming	257	97131	09	+	pr.
Tynemouth	262	96131	11	rr	pr.
Carlisle	222	07131	12	r.r.rpRpr	pRprpr.
Valley	302	02131	13	pr.pr	pr.pr
Ringway	334	01141	13	pr.	pr.pr
Squires Gate	318	01131	12	pr.prRr.	pr.
Ronaldsway	204	03131	12	pRpr	r.—r
Mull of Galloway	131	05121			
Eskdalemuir	162	12112	10	r.rdr	drr.rR
Prestwick	135	09121	10	pr.	pr.pRRr.prpr.
Abbotsinch	140	08131	11	rrir.	pr.r.Rrr
Leuchars	171	07131	12	RRir.	r.
Dyce	091	20111	11	r.r.rRRd.if	d.r.ifr.
Lerwick	005	97100	08	+	pr.
Wick	075	15112	11	irRR	rrRR
Sule Skerry	010	03101	11		
Cape Wrath	049	02082	10	ir	ir.
Stornoway	026	14101	10	r.r.rr	rrr.r.
Benbecula	022	10101	10	Rrr	pr.
Tiree	100	13131	12	rrRr.	Rr.pr.pr
Aldergrove	917	92121	11	pr.tl.	r.
Malin	980	0612	09		
Belmullet	976	0213	10		
Birr	965	0112	10		
Dublin	969	0213	11		
Shannon	962	0913	13		
Roches Point	952	9414	11		
Valentia	953	9513	12		

Code FM 21.V

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25001	72904	98022	25111	75500	00601	/////	/////	05307	11307	3////	01/05
L	99569	70207	25004	83233	96636	96911	872//	81830	86704	88709	0//12	11449	30808	03008
M	99644	10033	25004	30609	98018	14209	35600	00804	83645	/////	0//05	11170	30201	99/03
R	99470	70176	25004	52835	98028	12715	58500	22220	82820	84630	0//11	11705	30918	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25061	61905	98011	23412	32531	00610	/////	/////	05110	11303	3////	///04
L	99570	70205	25064	80334	96616	01912	852//	11245	85705	86709	0//13	11439	30607	36008
M	99648	10030	25064	50713	98251	13307	59400	00703	81915	83820	0//03	11135	30402	03804
R	99471	70172	25064	53132	98021	12715	48501	71212	82820	/////	0//09	11748	30916	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42281

Date of Issue FRIDAY 26 AUGUST 1977

Code FM 11.V **OBSERVATIONS at 12h.** 25 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72121	65028	98417	6247/	14307	84712	85818	
Hurn	862	62221	65018	99918	624//	14207	82816	86818	
Manston	797	72126	68801	01717	5846/	14400	81711	84814	
Gatwick	776	62117	62808	00818	68403	15305	81710	85815	
Kew	775	62115	81028	99618	6843/	14104	85816		
Heathrow	772	61919	80018	99219	6843/	15004	85816		
Honington	586	61918	75256	98617	58434	14603	83814	84625	
Wattisham	590								
Gorleston	497	61825	66021	99518	655//	13706	86625		
Aberporth	502	72218	62808	93116	734//	13007	82710	81912	85817
Filton	628	72313	70018	96618	785//	14208	83820	86640	
Rhoose	715	72315	70258	96018	785//	14007	83820	87650	
Hartland Point	703	72430	70026	94516	58431	13801	82818	85645	87360
Mount Batten	827	62323	59052	98517	5843/	14105	82812	84635	
St. Mawgan	817	72319	75028	96817	6847/	13000	81814	85818	87357
Scilly	804	62618	62258	98016	684//	15305	84818	86623	
Culdrose	809	82323	58258	97516	884//	13802	82712	83818	88625
Guernsey	894	62217	74038	02817	42430	14206	84814	84359	
Elmdon	534	72017	68258	95118	39463	13301	81915	85360	
Cardington	559	72020	68258	97520	52433	15603	85815	83072	
Wittering	462	62017	65808	96416	59463	14503	82814	82920	
Watnall	354	52015	68258	94418	59403	15605	82914	83818	
Shawbury	414	72213	68258	93516	58473	14500	82814	85650	87359
Finningley	360	71910	60818	94315	794//	14503	82710	86917	
Spurn Point	396	71711	66038	95419	785//	15707	84820	86625	
Leeming	257	71918	70158	92719	785//	11602	83820	84828	86650
Tynemouth	262	51917	69028	92019	43530	13803	84925		
Carlisle	222	71808	75808	91115	694/3	13207	81713	83918	86640
Valley	302	42214	80038	91717	49363	14208	83706	81915	
Ringway	334	71917	68258	92718	784//	14802	81712	84818	87650
Squires Gate	318	71814	62818	91816	794//	15202	82815	83917	86650
Ronaldsway	204	12009	82016	90916	19400	13308	81918		
Mull of Galloway	131	72120	80028	90115	4853/	13213	82825	83630	
Eskdalemuir	162	71912	65038	90417	795/2	13205	82925	85827	
Prestwick	135	72606	56808	89814	794//	14311	81712	83918	85645
Abbotsinch	140	71906	65258	89316	794//	12304	81712	83918	85656
Leuchars	171	71009	68256	90815	783//	11301	81708	84815	85650
Dyce	091	71308	56212	91915	762//	13501	82705	87706	
Lerwick	005	80627	56638	00211	6732/	11720	86707	88458	
Wick	075	81011	12606	93113	870//	13511	88701		
Sule Skerry	010	81230	48656	96311	874//	11610	88715		
Cape Wrath	049	80928	65606	93810	871//	10108	88702		
Stornoway	026	80630	60606	93811	7532/	10301	81708	86615	88459
Benbecula	022	70426	80018	91814	5843/	12803	81710	83620	85635
Tiree	100	70000	66808	90214	7847/	12206	82818	86626	87358
Aldergrove	917	72409	60816	89515	634//	13108	82710	82914	84818
Malin	980	60608	65258	88816	5343/	15211	81710	84640	85360
Belmullet	976	72404	78808	88916	734//	13209	81717	84920	87638
Birr	965	62414	82032	90518	685//	12002	83822	85642	
Dublin	969	72517	58806	90617	794//	12309	82712	84918	
Shannon	962	72715	80028	91918	735//	13207	86820	81920	
Roches Point	952	62012	81038	92919	684//	13113	85818	83637	
Valentia	953	82816	62808	94614	834//	13219	86915	88650	

OBSERVATIONS at 18h. 25 AUGUST 1977

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	72117	80258	99015	784//	13303	84710	83815	
Hurn	862	72317	68032	00716	754/1	13305	87618		
Manston	797	22116	82018	02017	12531	13204	81820		
Gatwick	776	52118	66028	01317	52401	12103	82714	84822	
Kew	775	62016	81032	00317	62501	11205	86823		
Heathrow	772	41915	68158	99817	42501	12205	84826		
Honington	586	31915	80031	98818	28631	11307	82832		
Wattisham	590								
Gorleston	497	42026	64026	99619	48500	12206	81825	84630	
Aberporth	502	32513	75018	95717	32530	13125	83820		
Filton	628	62714	70258	97817	58531	13312	82825	83645	
Rhoose	715	62715	80038	97817	68431	15315	81712	84818	
Hartland Point	703	52725	59028	97316	48431	14212	82815	83620	
Mount Batten	827	72719	60258	00415	58372	13218	81706	83812	86460
St. Mawgan	817	72518	62608	00414	3837/	13222	82706	87460	
Scilly	804	42520	65018	01316	38472	12214	82816	83075	
Culdrose	809	32515	57258	00815	28430	13219	81812		
Guernsey	894	32321	68011	03916	11532	13108	81820	83360	
Elmdon	534	71914	60258	96016	784/3	14302	81710	86656	
Cardington	559	61916	72038	98118	58530	12105	81825	85635	
Wittering	462	72016	81038	97217	785//	11304	82822	84632	87645
Watnall	354	71910	30808	95417	734//	14207	83713	86918	
Shawbury	414	72214	75028	94217	784//	14203	84818	86645	
Finningley	360	72012	60819	95017	784//	13309	83818	85625	87640
Spurn Point	396	72015	66019	95818	5946/	12306	82915	85630	87360
Leeming	257	72010	80808	93617	68563	13209	83820	84650	
Tynemouth	262	61408	66029	93115	2353/	14206	82925	86358	
Carlisle	222	42710	82018	92817	29532	13318	81922	83072	
Valley	302	62114	70151	93916	69463	13315	82912	85656	
Ringway	334	72108	58809	94316	784//	14305	81712	84816	86645
Squires Gate	318	42406	75038	93617	29432	14212	81918		
Ronaldsway	204	52207	82031	93015	38303	13315	81708	83650	
Mull of Galloway	131	72315	70606	92014	794//	14210	84915	83820	
Eskdalemuir	162	31810	81018	92215	22633	12313	82830		
Prestwick	135	72611	66159	91516	59432	13312	81716	82920	83630
Abbotsinch	140	52308	75028	91417	29563	12314	81920		
Leuchars	171	71105	75258	91615	685/2	14109	83820	84650	
Dyce	091	61203	70022	92515	23392	13307	81708	81940	85357
Lerwick	005	80427	40616	99010	873//	10501	85706	88710	
Wick	075	80610	18616	94013	870//	13211	82701	85703	88705
Sule Skerry	010	80539	57626	95711	874//	11206	88715		
Cape Wrath	049	80530	56616	94011	872//	10101	88703		
Stornoway	026	80430	58516	94512	852//	11307	82705	86709	88615
Benbecula	022	80218	70022	94313	853//	11313	84708	88615	
Tiree	100	70209	80018	91815	38432	13213	81818	85362	
Aldergrove	917	72005	75258	91714	734//	13313	81710	83918	85656
Malin	980	63507	75038	92414	58432	12322	81711	84645	
Belmullet	976	73411	58816	92614	734//	13116	83715	86636	82919
Birr	965	72307	81031	94116	785//	13222	85822	84640	
Dublin	969	42613	82018	92519	33502	11303	83824	81924	
Shannon	962	72514	75258	94615	785/2	12216	83820	86650	
Roches Point	952	32420	80019	96116	38430	10218	83819		
Valentia	953	52313	75018	96215	42502	10207	84820		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01191	048	pr.	pr.
Hurn	862	00191	067	+	+
Manston	797	97201	083	pr.	+
Gatwick	776	02191	061	pr.pr	pr.
Kew	775	01201	089	pr.pr	+
Heathrow	772	91201	060	pr.	Jp
Honington	586	96201	067	pr.pr	Jp
Wattisham	590				
Gorleston	497		072		
Aberporth	502	01171	067	pr.Jp	+
Filton	628	07191	040	pr.pr	Pro prpR
Rhoose	715	10192	037	pr.pr	pr.rR
Hartland Point	703	01161	051		
Mount Batten	827	01171	025	pR	pr.pr
St. Mawgan	817	05181	031	pr.	prRr.pr.
Scilly	804	06172	036	pr.pr	rrpr
Culdrose	809	02171	021	pr.	pr.
Guernsey	894	97180	086	pr.	+
Elmdon	534	01191	041	pr.prpr.	pr.prpr.
Cardington	559	01211	057	pr.	pr
Wittering	462	03181	024	pr.pr	pr.
Watnall	354	03201	044	pr.pr	pr.pr
Shawbury	414	04181	016	pr.pr	pr.
Finningley	360	10191	027	prpRtl.r.pR	pr.pRpr
Spurn Point	396			pr.tlr	pr.pr
Leeming	257	94201	049	pr.	pr.
Tynemouth	262	09192	053	tl	tlpR
Carlisle	222	93191	059	pr.	pr.
Valley	302	02181	093	pr.	jp
Ringway	334	15181	026	pr.prrRtl.R	rr.pr.
Squires Gate	318	02191	088	pr.pr	JP
Ronaldsway	204	97171	092	+	pr.
Mull of Galloway	131	95171			
Eskdalemuir	162	08181	055	Rr.rpRpr.	+
Prestwick	135	01181	042	pr	pr.tl
Abbotsinch	140	01191	059	ir.pr.	+ (059)
Leuchars	171	05191	024	r.prpr.	pRpr.
Dyce	091	97181	027	r.	r.
Lerwick	005	14122	000	r.r.rr	rrd.r.r.r.
Wick	075	02151	004	r.r.ir.	ir.r.r.
Sule Skerry	010	09122			
Cape Wrath	049	02122	000	ir.	ir.
Stornoway	026	03121	000	ir.d.	d.d.id.R
Benbecula	022	00141	012	+	+
Tiree	100	01161	002	pr.pr	+
Aldergrove	917	08171	022	prpRpr.	pRpr.pr
Malin	980	0516	053		
Belmullet	976	3716	001		
Birr	965	0019	054		
Dublin	969	0320	059		
Shannon	962	0219	040		
Roches Point	952	1020	054		
Valentia	953	0217	031		

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

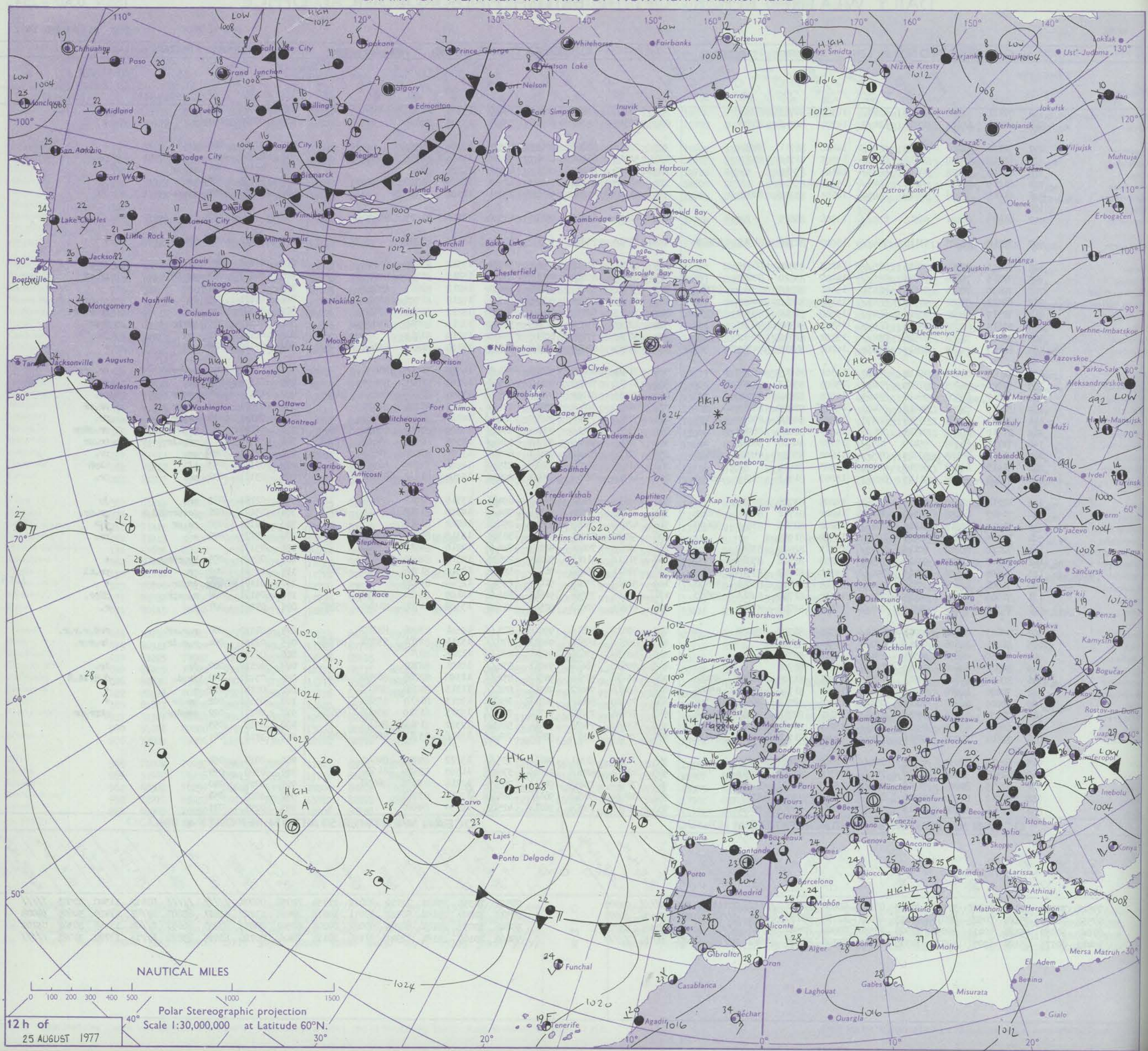
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25121	81907	97518	23213	863//	00400	/////	/////	00113	11304	3////	01903
L	99572	70202	25124	70327	98016	10213	6843/	11135	82710	85625	0//10	11406	30606	36009
M	99647	10030	25124	40411	99030	11908	38550	00806	82820	/////	0//02	11164	30301	03703
R	99472	70173	25124	63031	98031	14315	68500	31306	85820	83640	0//10	11677	31016	/////

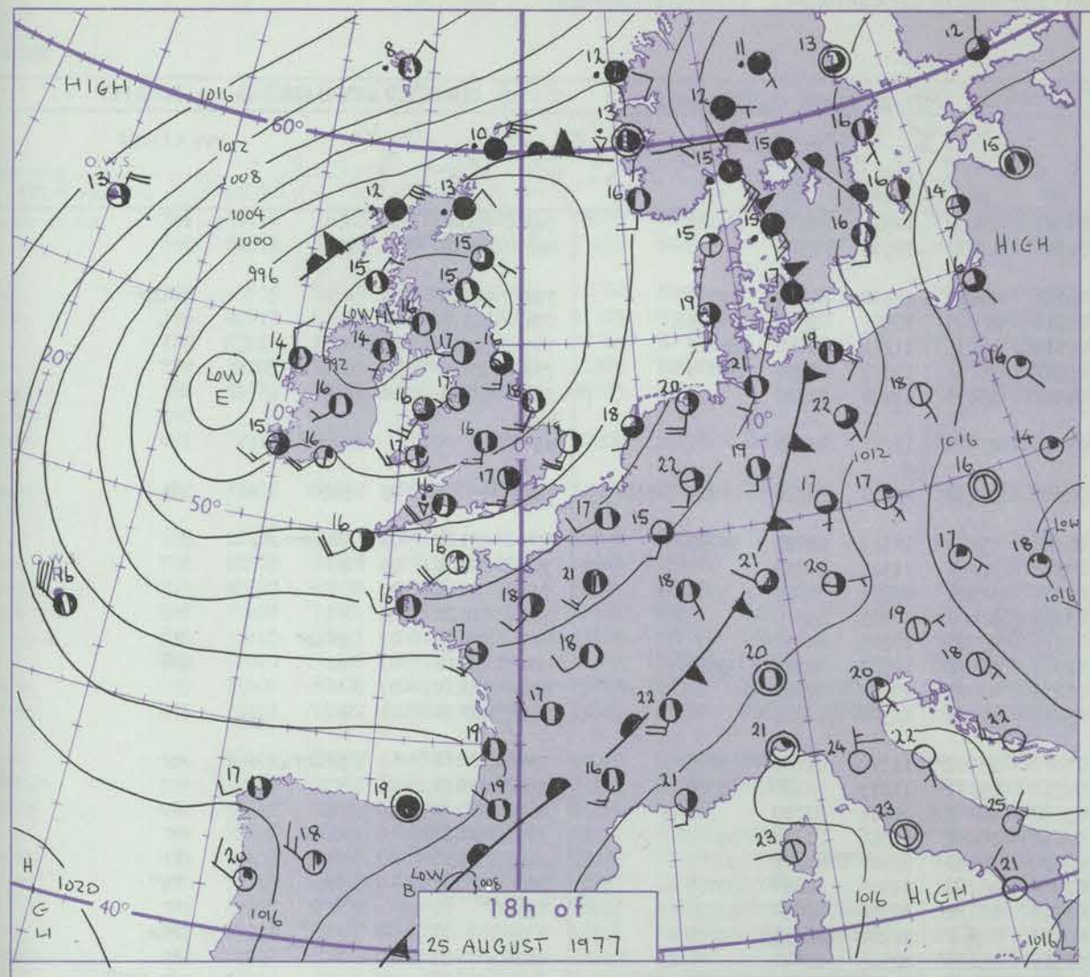
OCEAN WEATHER STATION REPORTS at 18h.

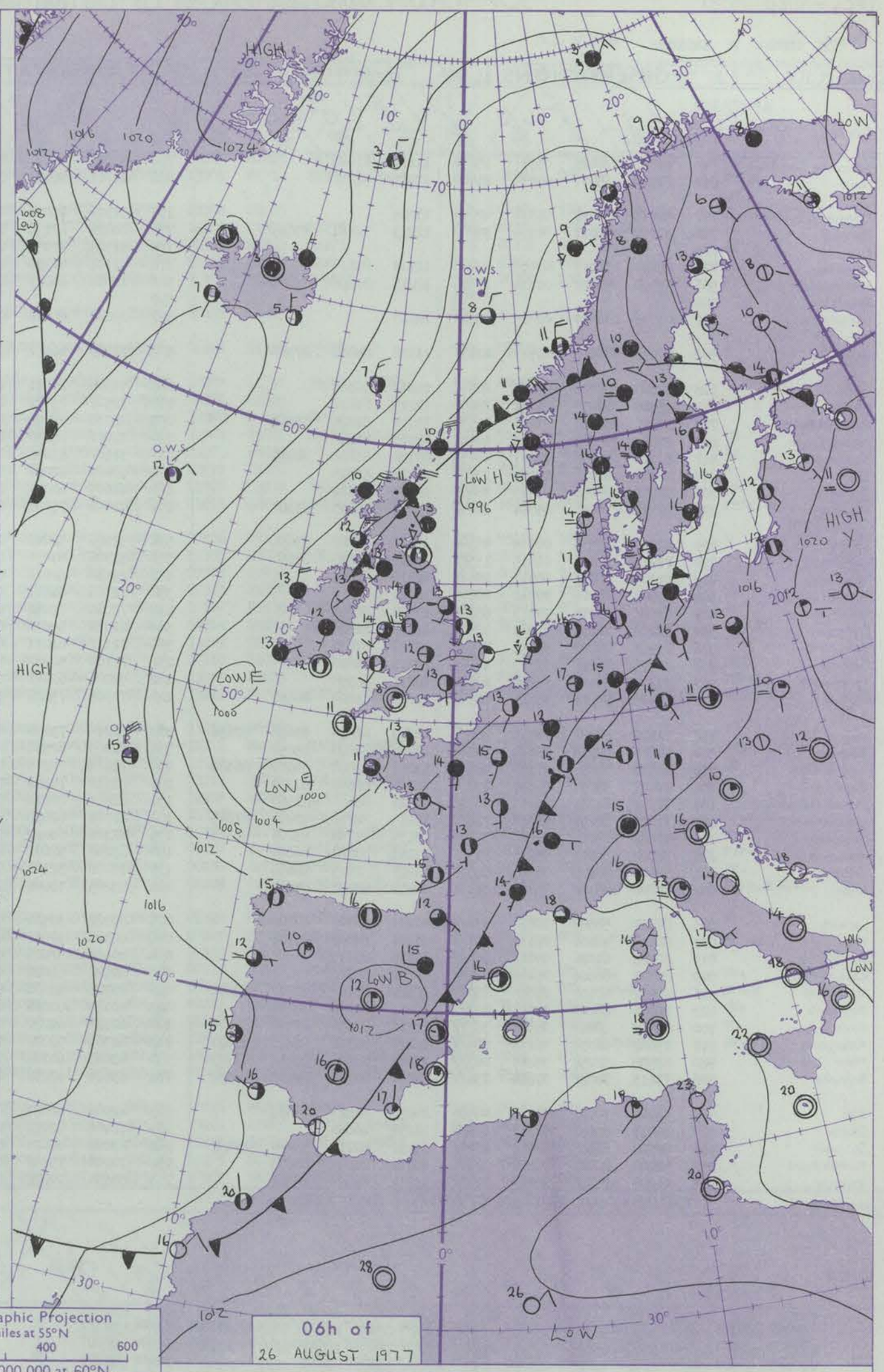
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25181	72010	98012	21914	70950	00004	/////	/////	00112	11340	30503	/////
L	99573	70200	25184	50122	98011	14812	28401	11222	81817	85080	0//07	11415	30605	36008
M	99646	10032	25184	60214	99022	09208	67501	00813	83820	86631	0//04	11166	30302	03702
R	99469	70165	25184	72942	97158	10115	794//	00726	81915	83820	0//11	11709	31021	/////

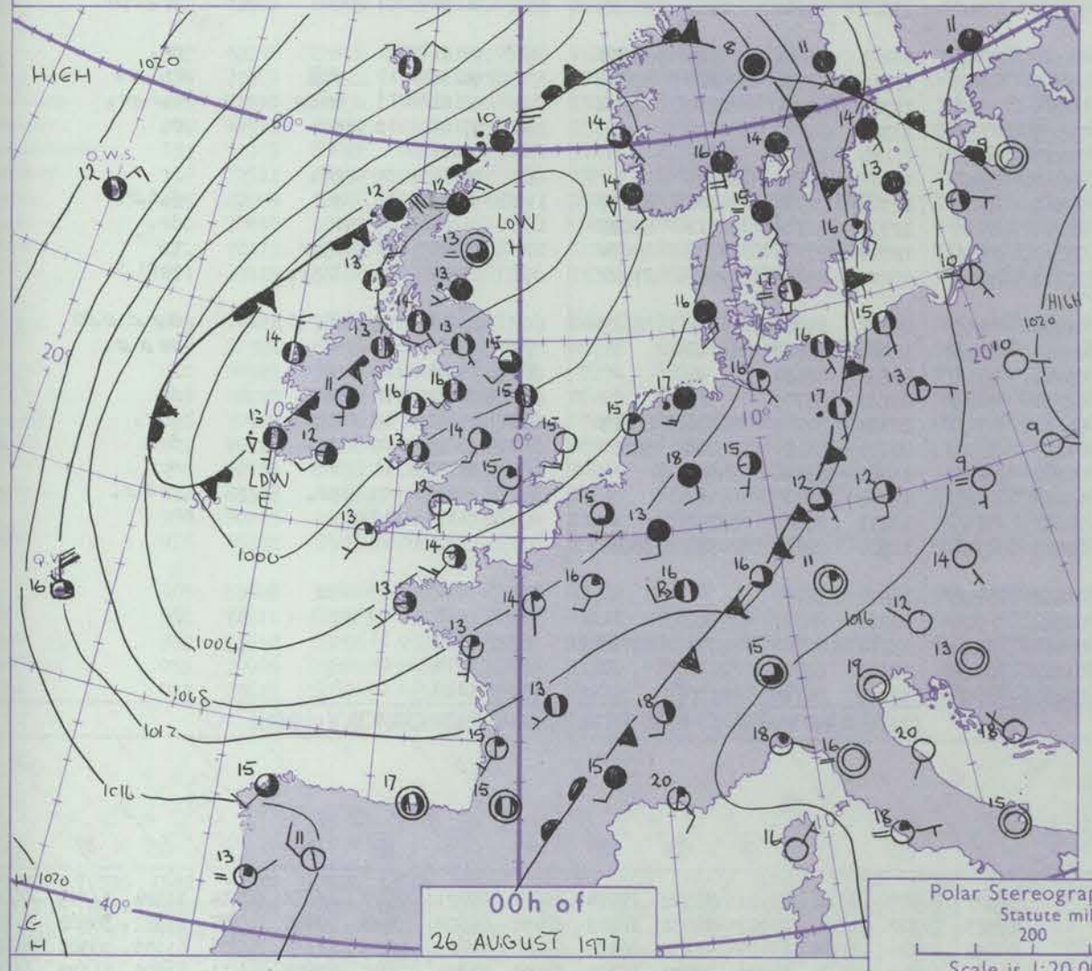
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 26 AUGUST 1977

During the past 24 hours a low pressure complex covered the British Isles. One centre moving from Northern Ireland into the northern North Sea whilst another centre moved from west of Ireland southeastwards towards the Southwest Approaches. During the next 24 hours the North Sea centre will move steadily northeastwards whilst the other centre will move slowly into northwest France as a ridge of high pressure develops west of the British Isles.

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

Code FM 11.V

OBSERVATIONS at 00h. AUGUST 77

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	12111	74028	03311	15630	11214	81640		
Hurn	862	22310	65011	04015	21400	13311	82817		
Manston	797	02014	75010	04314	00900	13208			
Gatwick	776	32110	70011	04114	35400	12213	81714	83625	
Kew	775								
Heathrow	772	22109	70011	03015	28400	12314	81818		
Honington	586	11910	80021	01714	15530	12213	81620		
Wattisham	590								
Gorleston	497	01915	66010	02315	00900	12211			
Aberporth	502	72412	70038	00513	4243/	11120	84818	87360	
Filton	628	42309	70018	02113	28501	11217	82828		
Rhoose	715	22515	70018	01714	28400	12215	82814		
Hartland Point	703	32519	82026	01914	12530	11114	81825	83360	
Mount Batten	827	22611	68018	03415	18431	12108	81818		
St. Mawgan	817	52106	80258	03311	48433	09108	81818	84645	
Scilly	804	22207	82018	03013	22400	11103	82818		
Culdrose	809	32412	60050	03413	38400	10207	81812		
Guernsey	894	52313	70031	05814	28432	13203	82815	83360	
Elmdon	534	42009	65251	00514	45300	13217	82708	83656	
Cardington	559	72214	68028	01815	755//	13213	83620	87656	
Wittering	462	22108	78038	00913	25600	12216	82645		
Watnall	354	02008	65018	99912	00900	12219			
Shawbury	414	61907	70031	99113	65700	11314	86650		
Finningley	360	32210	70018	98513	12560	12318	81820		
Spurn Point	396	71912	70028	98615	756//	14210	87630		
Leeming	257	31908	70028	97513	18531	12216	81820		
Tynemouth	262	21804	69011	96914	20940	12217	82358		
Carlisle	222	71405	75021	96013	6853/	11211	81820	86650	
Valley	302	72512	80022	98316	784//	12223	81816	83628	87636
Ringway	334	51808	80258	98614	58502	12214	81820	85650	
Squires Gate	318	72312	70038	97316	4853/	13216	81824	84650	86360
Ronaldsway	204	72407	82038	96614	15706	12217	81650	87270	
Mull of Galloway	131	72707	84038	96113	3553/	13218	83620	87360	
Eskdalemuir	162	71602	68252	96312	784//	12213	82710	83818	87645
Prestwick	135	71402	65022	95314	753//	13115	81708	83709	86613
Abbotsinch	140	72602	56042	95213	753//	11215	83708	86645	
Leuchars	171	82505	60602	95213	855//	12215	82625	88656	
Dyce	091	60000	35106	95213	55331	12212	83706	84650	
Lerwick	005	80327	58586	99810	872//	10101	86704	88706	
Wick	075	80417	40106	97112	861//	11214	84702	88704	
Sule Skerry	010	80528	64026	99811	864//	10215	88715		
Cape Wrath	049	80527	66606	98410	871//	09221	88702		
Stornoway	026	80532	60616	99512	853//	10124	83707	86710	88616
Benbecula	022	80219	66606	99011	853//	10221	85708	88614	
Tiree	100	70213	80012	95913	3577/	13216	83650	87359	
Aldergrove	917	73602	62258	96213	784//	12219	82712	85816	87621
Malin	980	83508	58258	95814	863//	13213	83706	85710	87713
Belmullet	976	73615	74028	97814	734//	12221	84714	84920	86638
Birr	965	41705	70031	98111	48500	10212	81821	83633	
Dublin	969	62413	82031	97313	656//	11214	86640		
Shannon	962	82208	66618	97813	4547/	11212	81712	83620	87458
Roches Point	952	52409	80021	99512	18401	10207	81818	85075	
Valentia	953	71805	85808	98913	6253/	11212	86823	85362	

OBSERVATIONS at 06h. 26 AUGUST 1977

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	51807	74011	04811	13432	10310	81915	84072	
862	11901	80011	05310	13480	10308	81915		
797	51909	65021	06113	18442	12210	81812	83359	
776	70000	62111	05810	28401	10307	81815	86075	
775	51905	70031	05612	15735	11212	81650	84072	
772	41704	62030	05313	15732	12309	81650	84075	
586	12008	66011	04512	18431	11216	81810		
590								
497	22112	66021	05013	25500	12217	82625		
502	72109	66151	02910	29432	09219	81710	81915	85070
628	51905	75021	04311	23532	10311	81925	84075	
715	32507	75021	03712	28431	11311	81815		
703	22010	69028	03211	12530	09207	81825		
827	32007	70030	03913	18401	12305	81816		
817	31507	81031	03511	28501	10203	81820		
804	50000	82021	02311	38572	10503	82820	83626	
809	41605	60050	03212	49403	10500	82918		
894	42010	75031	05813	22432	12303	82811		
534	52109	58048	03612	25202	11317	81704	83075	
559	32306	64031	04711	15771	11213	81650	83360	
462	22110	68016	03710	16401	10216	81710		
354	42108	64011	02812	35482	11316	81712	83645	
414	72006	75012	02411	28432	09319	81815	86070	
360	62010	65031	01312	45701	11316	84650	83075	
396	72112	62031	01913	15772	12216	81650	86359	
257	71709	50258	00513	785//	12218	82820	87650	
262	52006	61021	99513	35630	12318	83640		
222	71903	75028	98814	784//	13318	81715	84624	86635
302	62215	75038	01114	38436	10213	81816	83645	85075
334	82009	62586	01713	854//	12316	83710	85615	88640
318	72613	70218	00615	753//	13321	82707	86710	87650
204	72512	70212	99913	773//	11320	81706	87708	
131	62605	80012	99213	685//	11216	83620	83835	
162	81702	62028	98912	854//	12317	86710	88625	
135	82306	64022	98413	852//	12318	82705	84706	87615
140	53202	57602	98212	853//	12318	82708	84711	88625
171	70000	32106	98212	753//	12218	81706	84708	85620
091	83205	18806	97713	891//	13214	83702	82912	87820
005	80228	30516	01910	852//	09317	84705	86708	88613
075	80323	59616	00611	872//	10224	86705	88710	
010	80530	57602	03911	855//	09228	88620		
049	80528	66026	02710	862//	08229	88703		
026	80328	56606	04610	852//	10333	82705	86616	88623
022	80123	80026	04211	884//	09331	81711	85616	88630
100	60127	64022	00212	55341	11225	83708	84656	
917	82303	58022	99413	6627/	12218	86705	88458	
980	83623	60108	99613	863//	12221	83708	88712	
976	83620	62258	02413	834//	11326	82716	84920	88638
965	82005	66021	00412	863//	11217	88709		
969	72406	81022	00912	754//	09221	84717	87622	
962	83009	40615	00413	871//	13214	82702	85704	88708
952	70000	75258	01512	784/1	10312	81816	87640	
953	80604	70028	00813	864//	12214	86714	88630	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00091	06	+	+
862	00101	06	+	+
797	93121	10	+	pr.pr
776	01101	05	+	pr.
775	00091	03	+	+
772	00121	10	+	+
586	00121	10	+	+
590				
497				
502	05091	08	prpR	jp
628	01101	06	pr.prr.r.	+
715	01121	09	rR	+
703	97111	09		
827	00121	08	+	+
817	95101	07	pr.pr	+
804	02112	07	pr	pR
809	00110	07	+	+
894	00131	11	+	+
534	01111	10	pr.rr.	+
559	00101	06	+	+
462	91101	10	r.	r.
354	00121	10	+	+
414	00101	08	+	+
360	01121	10	pr.	r.r
396			+	+
257	01111	09	+	pr.
262	00131	10	+	+
222	01121	07	+	pr.prpR
302	97131	11	+	pr.
334	94131	12	pr.	r.d.r.
318	92141	13	pr.pr	d.r.pr.
204	97121	10	+	r.
131	00121			
162	91121	09	pr.	+
135	95131	11	+	d.d.r.
140	01121	09	+	ir.
171	02121	11	r.rr	jp
091	15122	08	iffr.	prRl.R
005	02091	09	d.r.d.r.	d.r.d.r.dd
075	95101	10	+	ir.r.r.
010	04091	09		
049	04082	08	ir.	ir
026	03091	09	d.r.r.r.	r.r.
022	93091	09	ir.	ir.
100	00121	11	+	+
917	01111	09	pr.	drd.r.
980	0113	12		
976	2312	12		
965	9711	09		
969	0011	09		
962	0612	11		
952	9711	08		
953	0112	10		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26001	71911	98022	21214	70950	00704	/////	/////	00213	11321	3//04	/////
L	99573	70201	26004	60313	97018	18012	684//	00114	83818	85640	0//08	11393	30504	36007
M	99645	10032	26004	73614	98038	07308	78500	00713	82820	86630	0//03	11124	30402	99/03
R	99469	70169	26004	33338	98018	11316	38500	71211	82820	/////	0//12	11700	31121	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26061	81911	97022	17014	855//	00721	/////	/////	00214	11324	3//05	/////
L	99573	70202	26064	70312	98031	19412	28431	00208	82818	84365	0//07	11382	30302	36006
M	99652	10026	26064	60109	98251	06108	69400	00805	83915	/////	0//06	11153	30301	36803
R	99470	70171	26064	53331	98031	15714	58500	71324	82820	85640	0//11	11695	31122	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42282

Date of Issue SATURDAY 27 AUGUST 1977

Code FM II.V

OBSERVATIONS at 12h. 26 AUGUST 1977

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	31711	82018	05717	22502	08003	82822		
Hurn	862	61812	81031	06618	42601	11207	84830		
Manston	797	41915	81028	07219	38563	12001	83820		
Gatwick	776	42013	82019	06918	38503	11103	83828		
Kew	775	52201	81258	07216	49363	12308	81709	82912	
Heathrow	772	32209	75258	06518	38603	11203	82830		
Honington	586	51912	83011	06019	38632	09103	83833		
Wattisham	590								
Gorleston	497	62313	66021	07118	42502	10208	84825	84075	
Aberporth	502	73402	60252	05514	694/2	11214	85912	86075	
Filton	628	12007	84011	05718	18531	10206	81828		
Rhoose	715	21803	84010	05417	12502	10005	81822		
Hartland Point	703	42602	82030	05016	42531	10105	84825		
Mount Batten	827	71408	72031	04817	38536	12001	82820	87270	
St. Mawgan	817	51410	80021	04416	22406	11104	82818	85270	
Scilly	804	60000	82028	03916	43402	14208	84918	84075	
Culdrose	809	71009	60808	04115	794//	12105	82710	82914	85820
Guernsey	894	71411	75021	05615	4837/	13801	81707	84650	86358
Elmdon	534	72409	68802	05816	59502	10209	81920	84650	
Cardington	559	42302	82151	06119	49503	09103	82825	82925	
Wittering	462	52112	82021	05918	42501	08106	84828		
Watnall	354	72207	78801	05418	44502	11311	84824	87072	
Shawbury	414	72409	80022	04817	58502	09209	84825	83640	85075
Finningley	360	72211	81036	04419	42602	11212	84830	86075	
Spurn Point	396	62308	65022	05218	33571	10213	83920	84360	86075
Leeming	257	72211	70028	03715	5853/	12216	82825	84650	86359
Tynemouth	262	72006	80029	02418	53631	11112	85930		
Carlisle	222	72506	60809	02715	793//	14113	81708	82913	84825
Valley	302	52216	83022	04718	12502	11215	81820	85075	
Ringway	334	72407	80022	04417	38502	09213	83825	86070	
Squires Gate	318	72510	82038	04617	49432	13118	82710	81915	85360
Ronaldsway	204	62012	84032	03516	58402	13215	82711	84650	
Mull of Galloway	131	72309	80022	02814	756//	13214	87630		
Eskdalemuir	162	71912	58152	01817	794//	13213	82712	84916	
Prestwick	135	82904	38646	02614	852//	14219	83704	86706	87714
Abbotsinch	140	70410	80026	02616	785//	09222	84822	86640	
Leuchars	171	70113	65802	02715	69432	11223	82915	83820	87360
Dyce	091	83413	58628	02913	872//	12326	86704	88707	
Lerwick	005	70227	58016	06410	6833/	06226	81706	85625	
Wick	075	80324	62216	06310	853//	08226	82708	86614	88620
Sule Skerry	010	80522	74026	09011	855//	07234	88620		
Cape Wrath	049	80223	74602	08509	872//	06225	88705		
Stornoway	026	80323	68506	10510	854//	07227	83713	84618	88624
Benbecula	022	70222	82216	10412	753//	07229	81709	83614	86620
Tiree	100	70129	80012	06613	784//	10236	81711	83822	86650
Aldergrove	917	83308	60026	03115	853//	13218	82706	84710	88620
Malin	980	80225	65102	04914	864//	11222	85714	87636	
Belmullet	976	80122	58218	08513	7632/	10229	84708	85714	86635
Birr	965	83606	32646	04814	874//	13222	88710		
Dublin	969	72811	82258	03416	785//	11212	85820	85640	
Shannon	962	83612	65256	05016	833//	14219	82709	83715	86920
Roches Point	952	72906	75802	04616	784//	11314	85817	87643	
Valentia	953	83618	60606	06515	864//	13223	86715	88630	

OBSERVATIONS at 18h. 26 AUGUST 1977

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	71606	80028	06616	1157/	10306	81825	84358	86468
Hurn	862	71305	70612	06915	2847/	13204	81712	86359	87462
Manston	797	11511	80021	07516	12501	13304	81825		
Gatwick	776	71903	81031	07216	10986	11302	81358	87275	
Kew	775	71904	82038	07317	12546	10307	81828	87272	
Heathrow	772	71905	81021	06618	12638	09206	81830	87270	
Honington	586	72103	64049	06717	68631	10306	81830	86656	
Wattisham	590								
Gorleston	497	31712	66029	07717	38500	13400	83825		
Aberporth	502	73005	84028	06815	18502	11309	81820	87075	
Filton	628	72603	86031	06218	54632	10309	82830	84645	86075
Rhoose	715	11405	82020	06117	18508	10307	81825		
Hartland Point	703	42808	78028	06015	18530	12303	81825	84360	
Mount Batten	827	70908	80808	05015	5847/	12304	83818	85640	85460
St. Mawgan	817	60310	82258	05614	44562	13209	83820		
Scilly	804	13609	82028	06116	18432	13211	81818		
Culdrose	809	60714	70258	05015	43431	11306	83918	83630	
Guernsey	894	71414	62216	03414	7537/	14611	83706	85709	87614
Elmdon	534	12505	75028	06418	14632	09306	81835		
Cardington	559	41609	80018	06719	28534	11305	82825	83075	
Wittering	462	32406	84021	06518	38601	09308	82835		
Watnall	354	32702	82028	06517	28632	09307	81830		
Shawbury	414	51906	83018	06217	18601	10107	81835	85075	
Finningley	360	73606	68299	06315	49662	10314	83930	86072	
Spurn Point	396	42506	64011	06617	23471	11209	81915		
Leeming	257	72708	86026	05917	785//	10310	81825	87650	
Tynemouth	262	83513	61029	06213	7552/	13213	87625		
Carlisle	222	72406	62808	05714	7832/	13215	81706	83708	87650
Valley	302	62311	83031	06916	686/2	11213	86632		
Ringway	334	73103	75152	06317	58531	11312	84828	83656	85072
Squires Gate	318	73008	82022	06517	58532	12212	81820	85648	
Ronaldsway	204	72308	82012	06015	784//	13212	84814	84620	87650
Mull of Galloway	131	70306	78609	06013	773//	12218	82708	87630	
Eskdalemuir	162	80211	50659	06812	853//	11220	86708	88618	
Prestwick	135	80613	70026	07014	6847/	10224	81715	83635	85656
Abbotsinch	140	80508	81606	07714	7852/	09227	81825	83635	86645
Leuchars	171	73516	86806	08212	7833/	08230	82707	85816	87626
Dyce	091	83417	56616	08710	872//	09229	81704	83706	88708
Lerwick	005	60116	82022	10511	38432	07220	83812	85072	
Wick	075	70117	82022	11310	3843/	07220	82818	86360	
Sule Skerry	010	50520	81015	13511	25530	08220	82625	85360	
Cape Wrath	049	60221	80258	13010	684//	07117	84810	86615	
Stornoway	026	60322	65255	14511	694//	08323	82916	84818	
Benbecula	022	63619	85022	14312	684//	07223	81819	86635	
Tiree	100	70127	81032	11412	754/6	08226	82712	87640	87275
Aldergrove	917	83511	62808	07413	884//	10222	82711	85816	88630
Malin	980	83629	70102	10412	864//	10326	83712	86717	88636
Belmullet	976	83619	72215	13612	884//	07227	81715	84718	87635
Birr	965	83411	70026	09213	864//	11226	86715	88630	
Dublin	969	83310	65608	06914	863//	13220	82708	85715	87635
Shannon	962	73618	80016	10014	564/2	11227	82712	83716	85075
Roches Point	952	73318	70022	08115	784//	12225	87713	83819	
Valentia	953	70121	70258	11714	785//	10327	87820	84635	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01181	079	pr.	r.r.rr.
Hurn	862	01181	068	+	r.r.r
Manston	797	00201	102	+	+
Gatwick	776	01191	076	pr.prtl.	r.
Kew	775	07191	052	pr.prpR	r.
Heathrow	772	97201	076	pr.	r.
Honington	586	00201	092	t.	+
Wattisham	590				
Gorleston	497		091		
Aberporth	502	05171	083	prpRpr.	+
Filton	628	00200	111	+	+
Rhoose	715	00190	126	jp	+
Hartland Point	703	01161	100		
Mount Batten	827	91171	052	pr.	pr.
St. Mawgan	817	91171	071	+	pr.
Scilly	804	93181	073	pr	+
Culdrose	809	01151	026	pr.	pr.
Guernsey	894	16162	035	ir.prrrRrr	rrir.ir
Elmdon	534	93191	104	pr.	+
Cardington	559	97211	115	pr.	+
Wittering	462	00201	111	+	+
Watnall	354	91191	102	pr.	+
Shawbury	414	02191	081	pr.	+
Finningley	360	97211	051	+	pr.tl.
Spurn Point	396			+	+
Leeming	257	97171	000	pr.ir.	ir.
Tynemouth	262	02192	044	tlpr	prr.r.
Carlisle	222	20161	001	pRpr.tl.Rr.pr	prpr.ir.rr
Valley	302	00180	106	+	+
Ringway	334	97181	052	+	pr.
Squires Gate	318	00181	032	jp	jp
Mull of Galloway	131	05151			
Eskdalemuir	162	07181	005	pr.tlr	Rr.r.ir.
Prestwick	135	06161	000	r.d.1Rr.r.	r.r.
Abbotsinch	140	91181	005	ir.	r.r.
Leuchars	171	91171	004	pr.r.	pr.
Dyce	091	03141	000	rd.r.r.d.d	dd.r.drd.ir.
Lerwick	005	00121	030	+	+
Wick	075	02101	000	r.r.rr	+
Sule Skerry	010	96121			
Cape Wrath	049	94111	031	ir.	pr.
Stornoway	026	01121	024	r.r.d.	pr.pr
Benbecula	022	91141	032	ir.	pr.
Tiree	100	00131	027	+	+
Aldergrove	917	02171	001	d.r.pr.	pr.r.r.
Malin	980	0015	001		
Belmullet	976	9514	001		
Birr	965	0916	001		
Dublin	969	0217	044		
Shannon	962	9717	006		
Roches Point	952	0217	020		
Valentia	953	0115	001		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG i_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26121	81814	98022	13914	4555/	00613	/////	/////	00313	11349	30906	/////
	99573	70204	26124	10606	99021	22112	18400	00308	81818	/////	0//05	11382	30201	06006
	99651	10027	26124	33111	98258	05808	39400	00601	82915	/////	0//06	11179	30402	99/03
	99473	70173	26124	63431	97031	20115	58542	61218	83820	/////	0//12	11645	31016	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG i_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26181	81913	94516	07814	864//	00729	/////	/////	00315	11349	3////	19007
	99573	70204	26184	71607	98031	23012	15628	00500	81630	84462	0//05	11456	30201	06006
	99650	10027	26184	70118	98031	09709	78500	00232	81820	87635	0//04	11153	30503	34703
	99467	70170	26184	40123	98028	23315	48500	41312	82820	83640	0//10	11687	30912	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 100 200 300 400 500 1000 1500

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

12 h of
26 AUGUST 1977

18h of 26 AUGUST 1977

00h of 27 AUGUST 1977

06h of 27 AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 27 AUGUST 1977

A low in the northern North Sea has continued to move northeast whilst that in the Southwest Approaches has filled and moved into central Northern France. A deepening depression has moved northeast into the Denmark Strait and a ridge west of the British Isles has declined somewhat. During the next 24 hours the low over France will continue to fill and move into the Low Countries. The vigorous depression southwest of Iceland will be augmented by a deepening wave and the whole complex move only slowly northeast. Associated fronts will approach western Britain preceded by a ridge of high pressure.

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

Code FM 11.V — OBSERVATIONS at 00h. 27 AUGUST 1977

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	80805	58616	08513	854//	10302	83615	88630	
Hurn	862	83506	60586	08013	854//	12000	85710	88636	
Manston	797	81610	75031	09116	858//	14105	88657		
Gatwick	776	80804	65606	09213	5572/	12108	85650	88458	
Kew	775								
Heathrow	772	80902	65606	09115	5577/	12107	85650	86359	88462
Honington	586	50000	62031	09011	30932	10005	83362	84075	
Wattisham	590								
Gorleston	497	42008	66030	09715	40950	13106	84360		
Aberporth	502	13601	83021	10012	00901	10208	81075		
Filton	628	70602	70032	08614	756//	11204	87645		
Rhoose	715	30503	84030	08511	22430	10105	82816		
Hartland Point	703	10410	80020	08914	10930	13207	81360		
Mount Batten	827	20407	80018	07614	15640	11106	81640		
St. Mawgan	817	03609	80011	09013	00900	11209			
Scilly	804	13509	79030	09914	18500	12211	81820		
Culdrose	809	10212	70021	08812	15600	12211	81640		
Guernsey	894	80507	58636	04913	851//	13104	82702	84704	87612
Elmdon	534	20000	59110	09508	15701	07207	81650		
Cardington	559	70000	65031	09211	55808	11106	85656	83275	
Wittering	462	33302	80031	09411	10931	08110	81362	83075	
Watnall	354	20000	56050	09910	00901	09209	82075		
Shawbury	414	13002	80011	09810	00901	09212	81075		
Finningley	360	52902	25108	09512	00902	11209	85075		
Spurn Point	396	22103	66031	09914	00901	13209	82075		
Leeming	257	73306	80032	10112	754//	12111	83710	87622	
Tynemouth	262	83630	39618	10113	8062/	12217	88530		
Carlisle	222	80209	57618	11211	854//	10219	83712	85617	86635
Valley	302	60000	70031	10013	663//	09213	86709		
Ringway	334	32202	65018	09813	35700	11110	83650		
Squires Gate	318	20803	65111	10010	28501	10213	81822		
Ronaldsway	204	80317	70602	10013	854//	12219	81712	88656	
Mull of Galloway	131	70520	75808	11711	785//	10229	83820	84630	
Eskdalemuir	162	80119	58606	12309	854//	07220	84714	88620	
Prestwick	135	80405	75616	13510	5552/	08225	83625	85640	88460
Abbotsinch	140	80303	75616	13510	854//	08123	83618	88637	
Leuchars	171	73408	82218	13410	755//	06220	82620	87640	
Dyce	091	73311	80216	13610	754//	08116	81618	84630	87640
Lerwick	005	63612	80251	14609	684//	06215	81815	86640	
Wick	075	73511	80032	15509	784//	08214	81818	87638	
Sule Skerry	010	63515	74028	17110	655//	08216	86625		
Cape Wrath	049	63610	80038	17410	684//	06215	84815	86620	
Stornoway	026	73608	62808	18409	794//	08114	81914	86818	
Benbecula	022	73615	86038	18809	784//	06217	81818	87640	
Tiree	100	70124	86022	16211	784//	07219	81818	87645	
Aldergrove	917	83510	80218	13311	852//	10221	83705	85710	88626
Malin	980	70127	82022	15312	784//	08221	83818	83624	87641
Belmullet	976	43615	80018	18011	49500	06213	83920	82920	
Birr	965	83310	62022	14511	864//	08219	86718	88630	
Dublin	969	83415	68606	11512	863//	11219	83707	85709	87714
Shannon	962	63423	80016	15312	655//	07114	82622	85640	
Roches Point	952	73226	70018	13212	764//	09217	85717	87623	
Valentia	953	70116	70022	17113	785//	06120	84822	87636	

OBSERVATIONS at 06h. 27 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
	746	73508	75036	09312	45632	10308	82630	83650	
	862	80208	77216	08913	5577/	12310	85656	87359	88462
	797	51105	56106	09414	10944	13305	81360	85075	
	776	70701	57106	09611	35671	11309	81630	83656	86358
	775	50301	57106	09911	15671	11308	81640	83360	
	772	60204	59036	09613	35734	12306	83650	85075	
	586	73402	68032	10212	2857/	10306	81825	87360	
	590								
	497	73206	66021	10413	2153/	11304	82825	87360	
	502	22901	82030	11511	28431	11207	81812		
	628	70411	60216	10613	7567/	10311	81630	86645	
	715	50206	70011	10612	48431	10311	81818	84656	
	703	20110	80030	11114	20940	12212	82360		
	827	70111	65018	10313	756//	11317	82630	87650	
	817	10108	80020	11412	11470	11316	81810		
	804	73514	75038	12114	785//	13215	84820	86626	
	809	43614	75030	11213	33430	11315	81918	83630	
	894	70307	64216	06513	782//	13320	81703	83706	86638
	534	33505	56100	11909	15702	08314	81656		
	559	70205	59606	10812	7098/	12309	86358	86360	
	462	63410	20101	11211	16071	10211	81701	85359	
	354	33606	58050	12011	16231	11211	81705	83075	
	414	32502	56100	12507	10932	07214	81362	83075	
	360	63411	67012	12313	654/2	11314	83712	85645	
	396	33210	50100	11513	20971	12209	82360		
	257	83610	65026	13911	854//	10330	84711	88626	
	262	83630	61026	13612	7567/	11219	87630		
	222	80310	62616	15210	854//	09221	81710	83628	88650
	302	70000	60602	12313	3522/	10214	81705	87550	
	334	30405	60030	12511	18401	10313	81710	83075	
	318	70206	78031	13412	784//	11319	81817	84620	87625
	204	80216	68616	14511	852//	09227	81705	83714	88620
	131	80515	80606	16111	885//	09226	81825	88630	
	162	73613	60606	15908	754//	06219	82710	87650	
	135	73602	31016	16709	755/1	09215	82625	83635	87650
	140	73304	82216	17110	755//	07219	81622	87642	
	171	63610	84018	16710	656//	05217	86640		
	091	33210	82158	16708	18532	06316	81822		
	005	73512	80022	17309	784//	07215	81817	87635	
	075	73611	81021	18310	784//	08216	81816	87640	
	010	53612	82012	19611	55500	08215	85625		
	049	60506	84031	19610	684//	07214	84815	83620	
	026	60110	80808	20709	684//	08314	86818		
	022	13608	87021	21108	18400	07215	81816		
	100	30217	88031	19410	28408	08218	82816		
	917	73606	75026	17210	784//	07220	82710	84620	87636
	980	40223	82151	18411	48400	06314	81718	83820	
	976	63614	80808	21010	635//	08216	85920	84920	
	965	73412	70022	17710	754//	07219	81716	87633	
	969	83413	40586	15810	862//	10222	83705	87708	
	962	33408	80021	19009	28502	07217	81825		
	952	53225	70012	16511	554//	08122	82719	84627	
	953	60113	82018	20012	68500	06214	84825	83640	

OBSERVATIONS during NIGHT

iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	02111	09	r.r.r	r.r.
862	05121	12	r.r.rRd.r.	r.
797	94101	08	r.rr.	f
776	03111	08	r.r.	r.r.rR
775	92111	07	r.	+
772	91131	11	r.r.	+
586	00111	07	+	+
590				
497				
502	00111	07	+	jf
628	91121	10	r.	r.r.
715	00100	06	+	+
703	00130	11		
827	97131	11	pr.r.	r.
817	00111	08	+	+
804	94132	09	+	pr.id.rr
809	00110	09	+	+
894	08131	12	rrpr.	ir.
534	00071	02	+	+
559	91101	05	+	r.
462	00101	06	+	+
354	97101	07	+	r.d.
414	00051	01	+	f
360	97101	07	+	d.r.dr
396			+	ir.
257	01111	08	rr.	r.
262	02121	06	r.r.ir.	irir.
222	04101	09	rrr.rr.rrr.r.	r.r.
302	07111	07	+	rrr.r.
334	00101	06	+	+
318	03081	06	+	r.rr
204	01101	10	r.r.	r.r.
131	02101			
162	01081	07	ir.r.r.	r.r.r
135	01091	08	r.r.	r.r.
140	93091	08	r.r.ir.	ir.
171	97091	08	pr.r.	+
091	97081	05	ir.pr.	+
005	97081	06	pr.	pr.
075	00071	03	+	+
010	94070	07		
049	00090	09	+	+
026	01071	06	pr.	pr.
022	00061	05	+	+
100	00091	08	+	+
917	92091	08	r.	pr.
980	0011	08		
976	9110	09		
965	0009	08		
969	0310	10		
962	9709	07		
952	9711	10		
953	9712	09		

Code FM 21.V — 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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27001	82014	94105	06215	863//	00601	/////	/////	00415	11321	3//07	/////
L	99573	70206	27004	81720	97616	21212	6532/	00712	84709	86615	0//10	11411	30504	06005
M	99649	10029	27004	73618	98801	13209	79400	00216	82715	83920	0//06	11123	30403	99/03
R	99469	70170	27004	53616	98021	25815	38502	00108	82820	/////	0//12	11707	30909	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27061	91916	92615	02215	9////	00727	/////	/////	00415	11333	3//07	/////
L	99574	70206	27064	81730	96636	15512	873//	41625	86706	88709	0//12	11392	30606	06005
M	99655	10025	27064	73417	98158	16208	78400	00111	83815	87630	0//04	11125	30603	/////
R	99469	70170	27064	23515	98021	26815	22500	00210	82820	/////	0//11	11685	30907	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42283

Date of Issue SUNDAY 28 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 27 AUGUST 1977

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	70113	70022	12217	5258/	12212	85828	85358	
Hurn	862	80904	63806	12016	885//	14214	86825	88635	
Manston	797	71202	58622	11515	5847/	15209	81710	85650	87359
Gatwick	776	80109	30956	11514	6948/	13209	83816	85930	88358
Kew	775	50115	62171	12018	59530	11209	82925	84640	
Heathrow	772	53616	62151	11818	22682	11109	81830	83359	
Honington	586	70210	80032	12318	3353/	12109	82920	87361	
Wattisham	590								
Gorleston	497	50311	66012	13216	22530	13212	82825	85360	
Aberporth	502	40307	65011	15216	18432	12114	81812	83075	
Filton	628	80310	57606	13915	6562/	13213	81635	86650	88460
Rhoose	715	60307	70031	13918	6857/	12117	83824	85650	
Hartland Point	703	53615	80031	14715	48350	13219	82708	84812	
Mount Batten	827	50314	80012	13519	58500	11213	83825	84645	
St. Mawgan	817	73614	80031	15215	723//	13222	82707	87809	
Scilly	804	83618	62216	16515	6542/	13220	82710	84620	88558
Culdrose	809	43618	62020	14917	42501	14217	84820		
Guernsey	894	73613	70022	11615	623/2	14220	83706	84808	
Elmdon	534	70112	64251	15114	784//	11217	84711	87814	
Cardington	559	70312	62216	13517	4857/	13109	82820	84640	87360
Wittering	462	70215	68802	14415	6843/	12314	85815	84650	
Watnall	354	70213	75036	15315	6847/	11214	84816	83625	87359
Shawbury	414	70316	64044	16316	685/2	10221	84825	84635	
Finningley	360	70113	82256	15915	785//	09216	83822	85635	87656
Spurn Point	396	50118	66026	15116	32570	12221	83820	85360	
Leeming	257	70221	75016	17614	6847/	09218	84815	85650	87359
Tynemouth	262	63626	69016	18213	29604	10221	82930	86075	
Carlisle	222	30310	75016	18415	38500	08115	82828		
Valley	302	70513	70616	18113	753//	10230	81709	83812	87640
Ringway	334	80310	65616	16814	885//	10220	82820	83630	88656
Squires Gate	318	70309	78606	17714	48378	11118	81709	83813	85460
Ronaldsway	204	60112	84016	18714	685//	08117	84828	84656	
Mull of Galloway	131	70510	84026	19615	725//	09218	87825		
Eskdalemuir	162	60114	86036	19612	685//	05120	84825	84638	
Prestwick	135	70405	86021	20414	786//	04113	84830	86648	
Abbotsinch	140	60607	86031	20215	685//	04109	82828	84645	
Leuchars	171	50211	86021	20015	58600	02215	81835	85645	
Dyce	091	73415	86021	20213	785//	06219	84825	85645	
Lerwick	005	70216	81038	20012	784//	07211	83815	83625	85635
Wick	075	60211	88031	21413	684//	07211	81818	83820	
Sule Skerry	010	50110	81021	22712	58500	10212	81820	85625	
Cape Wrath	049	40508	84011	22811	48500	07214	83820	84625	
Stornoway	026	20609	82018	22813	28500	07207	81825		
Benbecula	022	60309	84031	23013	685//	07105	84820	83630	
Tiree	100	20112	89030	22113	28405	08009	81816		
Aldergrove	917	73508	82158	20812	784//	08215	81713	84818	
Malin	980	40316	89031	21813	42501	08111	84820		
Belmullet	976	33612	84018	23415	28502	07208	82821		
Birr	965	60112	82022	20615	685//	06006	86821		
Dublin	969	70115	80216	19812	754//	09114	84715	84622	87638
Shannon	962	30214	86021	21615	22602	03106	82830		
Roches Point	952	53221	84031	19915	58500	05113	85820		
Valentia	953	33614	86021	22715	38500	07210	82825		

OBSERVATIONS at 18h. 27 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
	746	50112	83252	16114	28432	12221	81818	83359	
	862	50212	70258	15715	58500	13322	83820	83630	85650
	797	70218	59028	13516	762//	14215	82705	87707	
	776	73507	57639	15113	5832/	13315	81708	83825	87459
	775	73607	65619	15814	5347/	13224	84718	81925	87358
	772	73608	60219	15414	4957/	13123	83820	81925	86358
	586	70118	80252	16215	754//	12323	87612		
	590								
	497	70130	66021	15615	745//	13214	87625		
	502	60217	84031	19815	58540	10226	83822	85628	
	628	60412	70036	17715	48531	11222	82822	83640	
	715	20510	68018	17816	28500	12225	81825		
	703	63220	74021	17716	624//	13221	86815		
	827	70405	56819	17914	794//	13233	85918		
	817	40206	82013	17914	28333	12216	82808		
	804	33517	64018	19115	32500	12212	83820		
	809	73609	60058	18015	7833/	13218	81708	85710	
	894	73611	64608	15514	6533/	13222	83707	86650	87359
	534	70311	70028	18614	784//	09220	81818	87640	
	559	70316	68022	17414	785//	12224	83820	86650	
	462	70113	82018	17914	784//	10225	81818	87645	
	354	70109	80018	19314	785//	08220	81820	83635	87650
	414	80110	75038	19614	4847/	09320	81816	84645	88362
	360	60111	86018	19315	685//	07216	81825	86650	
	396	20117	68018	18615	18570	09216	81820		
	257	60215	81012	21213	68500	07318	82822	85645	
	262	63622	69021	21513	3363/	07217	83930	86358	
	222	60308	84021	21814	686//	07217	81835	86645	
	302	70308	82156	21715	785//	10219	83820	87638	
	334	70211	75026	20214	7853/	07220	81825	83638	85650
	318	70609	82018	21014	756//	09219	85540	85656	
	204	70204	88031	22014	786//	07219	81832	87650	
	131	63616	86012	23413	685//	08216	82825	86630	
	162	60206	84011	22411	685//	05217	81825	86635	
	135	60203	84031	22514	686//	07212	81835	86656	
	140	40705	86021	22215	28601	05210	81835		
	171	50111	86012	22315	58600	04213	81835	85645	
	091	33308	89031	22712	38500	06216	83828		
	005	50212	82012	22011	58400	07209	81815	85630	
	075	60407	84018	23011	48430	07305	81818	85359	
	010	40000	82021	23612	48500	08203	81820	84625	
	049	40905	82011	23611	38505	08202	82820	83625	
	026	71006	82031	23411	18506	09202	81825	87070	
	022	73303	89032	23613	18506	09701	81820	84270	87072
	100	73407	89031	23213	14616	08102	81630	87275	
	917	43408	86031	22914	38501	07210	81820	83650	
	980	73505	89031	23812	12506	07204	81820	87272	
	976	53403	86021	24314	28538	07203	81822	84270	
	965	63606	83022	22815	28506	06209	81822	85270	
	969	30310	86031	22614	11502	07214	81828	83070	
	962	50105	88021	23815	38602	06213	83835	83075	
	952	23314	84011	22616	14501	05215	81627		
	953	13608	86010	24315	11530	07104	81825		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	02181	052	jp	prpr.
	862	01181	010	r.pr.pr	pr.
	797	02191	040	rr.pr.	lpr.
	776	34151	000	tl.rtlRTL	TlRtlrtl.
	775	03181	041	pr.tl.r.	tlrRr.
	772	09191	040	r.tl.	tl.R
	586	97191	010	+	pr.
	590				
	497		058		
	502	00171	099	+	+
	628	01171	015	r.r.rr.rr.	+
	715	97190	045	pr.	jp
	703	00160	107		
	827	04191	019	pr.	pr.tlRpr
	817	97171	073	pr.	+
	804	94171	033	id.ir	pr.
	809	97170	074	pr.	+
	894	97171	026	jp	pr.ir.
	534	93151	008	pr.r.	r.
	559	97181	004	ir.	+
	462	97171	002	pr.	pr.
	354	91161	006	d.	pr.
	414	97161	006	d.	pr.
	360	97161	001	pr.	+
	396	.....		pr.	+
	257	97161	025	r.	+
	262	00131	064	+	+
	222	00161	037	+	+
	302	02161	024	r.r.ir	+
	334	97161	016	d.r.r.r.	+
	318	01161	006	rrr.r.ir.pr.	+
	204	00170	050	+	+
	131	00161			
	162	00141	057	+	+
	135	00161	035	+	+
	140	00171	067	+	+
	171	00150	066	+	+
	091	00141	085	+	+
	005	97130	043	pr.	+
	075	97131	022	pr.	+
	010	00140			
	049	00121	075	+	+
	026	00130	091	+	+
	022	00151	091	+	+
	100	00141	119	+	+
	917	92151	047	pr.	+
	980	0014	090		
	976	9715	091		
	965	0016	085		
	969	0215	043		
	962	9712	107		
	952	0017	123		
	953	0016	107		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

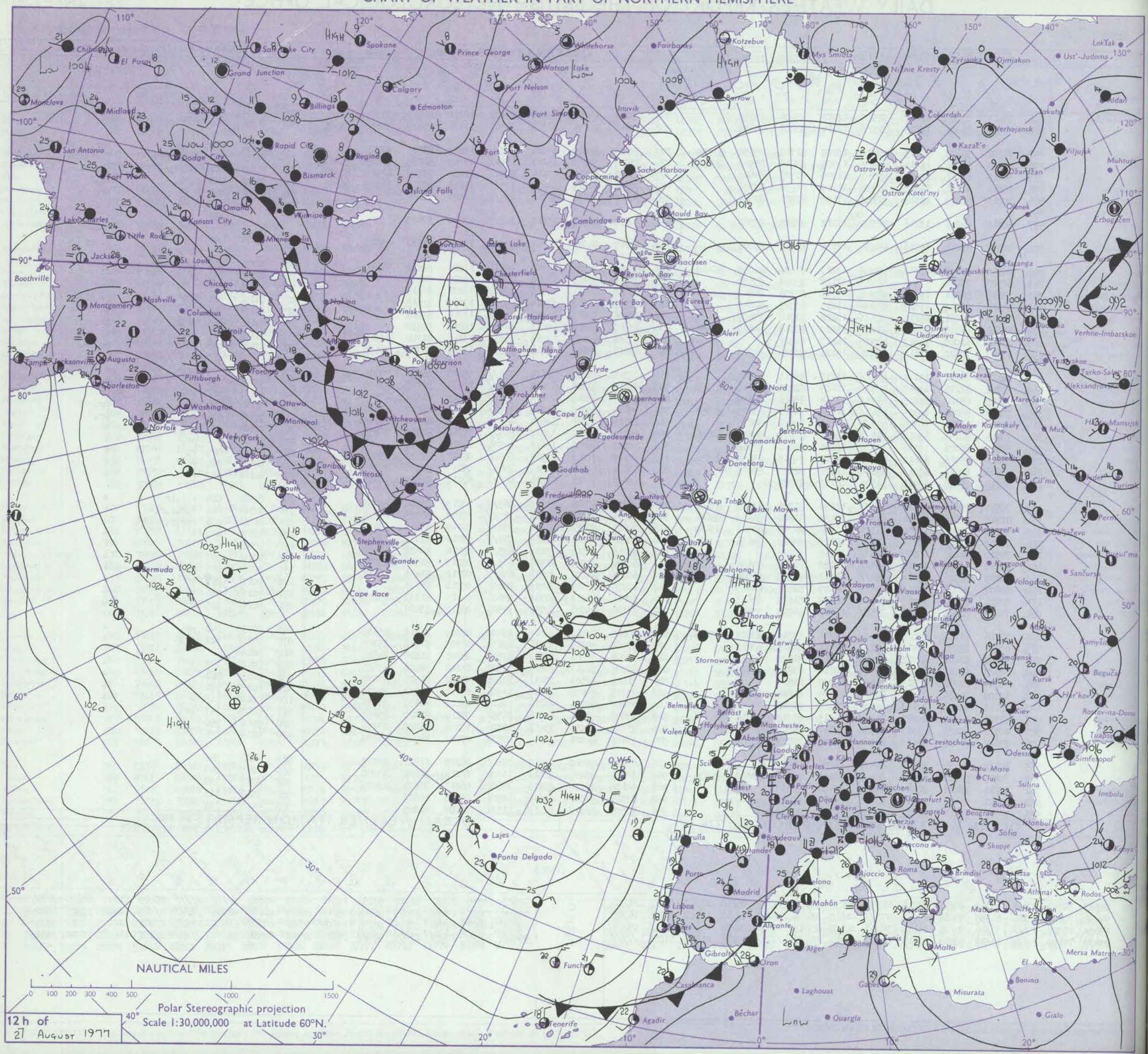
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	27121	62909	98016	08212	41551	00232	/////	/////	05210	11367	30503	21206
	99572	70205	27124	81938	95616	09713	872//	41629	86704	88707	0/13	11392	30808	16908
	99654	10027	27124	53316	98808	18108	59400	00109	83915	84820	0//04	11092	30503	99/03
	99470	70170	27124	13512	98010	29415	12501	00214	81820	/////	0/12	11698	31005	/////

OCEAN WEATHER STATION REPORTS at 18h.

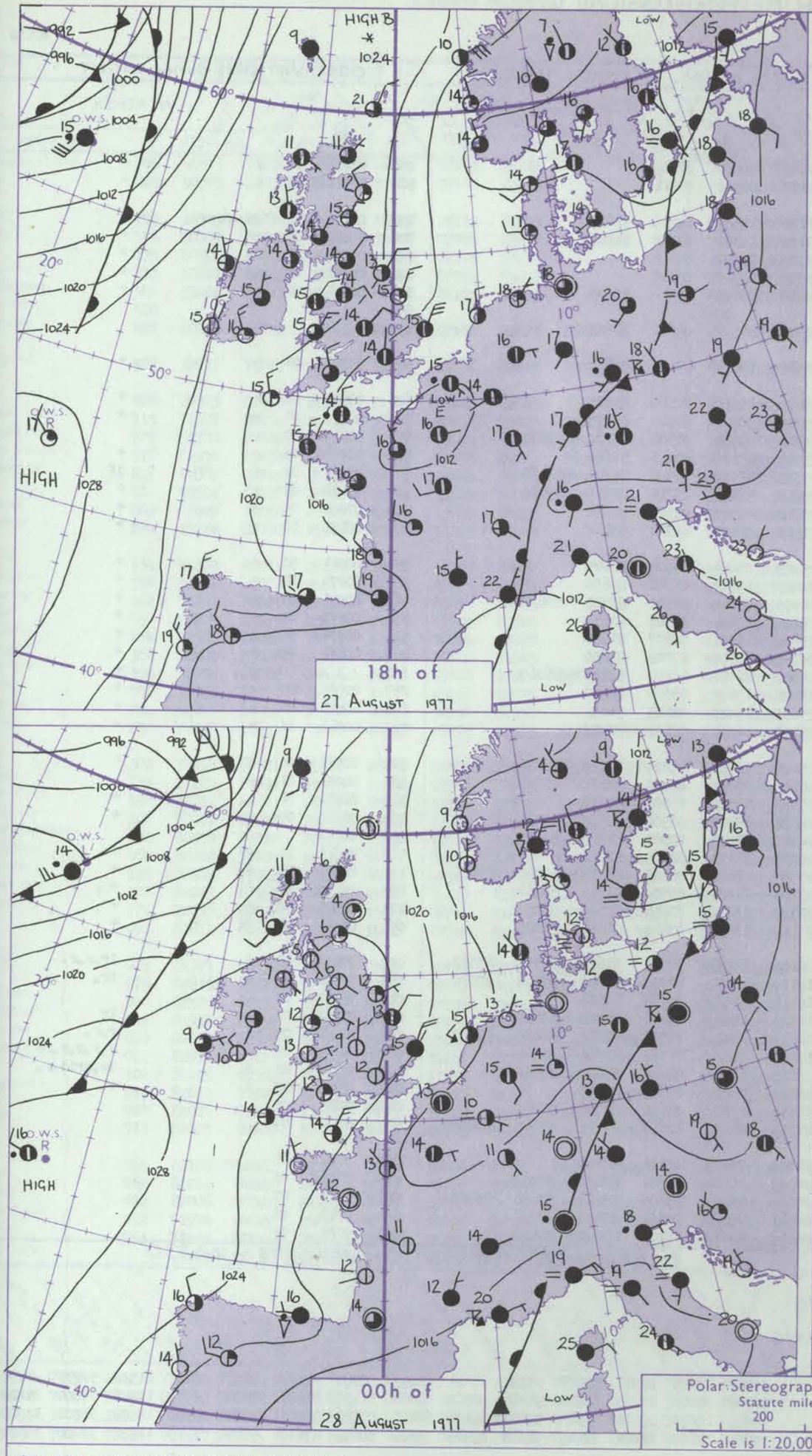
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	27181	82712	97258	10312	63402	00208	/////	/////	05109	11347	30605	/////
	99569	70205	27184	82029	96506	05814	862//	41621	88705	/////	0/15	11405	30807	16009
	99653	10027	27184	53116	98158	19808	59400	00206	81915	83822	0//03	11083	30503	99/03
	99469	70170	27184	23009	98020	29316	22501	00501	82830	/////	0/12	11746	30000	36805

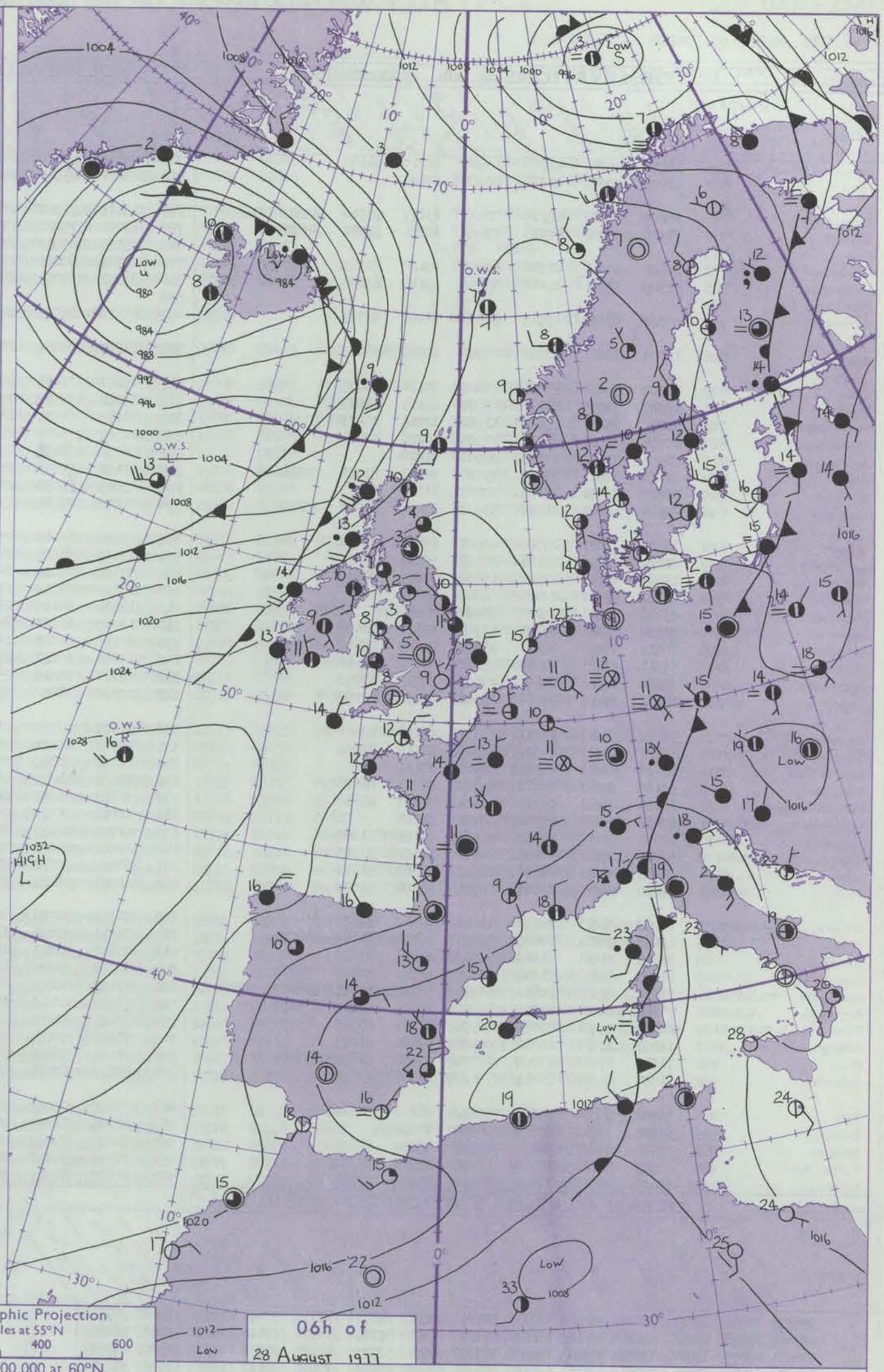
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE





Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours the shallow depression over northern France moved slowly west and filled. The ridge of high pressure from the Azores to the Faeroes moved southeast, extending from the Azores to northern England. A deep depression entered the Denmark Strait, and associated frontal troughs approached the northwest of the British Isles.

Issued at midday SUNDAY 28 AUGUST 1977

During the next 24 hours, the ridge of high pressure from the Azores is expected to move south from northern England to the English Channel. Frontal troughs associated with the deep depression near Iceland are expected to cross the northern half of the British Isles.

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

Code FM 11.V

OBSERVATIONS at 00h. 28 AUGUST 1977

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	10110	84011	21810	15800	08219	81657		
Hurn	862	03605	80021	21511	00900	09124			
Manston	797	70219	68252	18215	724//	13217	83710	83825	86840
Gatwick	776	73510	80026	20713	754//	10221	82714	85616	
Kew	775								
Heathrow	772	10108	80011	21312	10930	09120	81360		
Honington	586	53509	75011	20412	55600	09113	85645		
Wattisham	590								
Gorleston	497	80222	66252	19815	8097/	11216	88358		
Aberporth	502	10705	75011	23913	00901	10213	81075		
Filton	628	40207	75031	23311	45600	09224	84645		
Rhoose	715	10307	75011	23111	15600	09124	81645		
Hartland Point	703	30212	75031	23114	12530	12218	81825	83360	
Mount Batten	827	20405	75038	23113	22500	11226	82820		
St. Mawgan	817	00406	70020	23513	00900	11224			
Scilly	804	50113	70011	23514	38530	12223	82821	84360	
Culdrose	809	00210	57051	23112	00900	11122			
Guernsey	894	50214	65016	20414	58400	12121	81814	85650	
Elmdon	534	13603	70021	23509	00901	07116	81075		
Cardington	559	03610	68011	22111	00900	09118			
Wittering	462	13408	75011	22310	15600	07109	81635		
Watnall	354	03304	62021	23409	00900	07111			
Shawbury	414	03406	75011	24207	00900	06216			
Finningley	360	23209	69031	23109	15742	08111	81656		
Spurn Point	396	70312	70031	22113	4557/	09209	84625	87360	
Leeming	257	73311	80021	24310	756//	07110	87640		
Tynemouth	262	23210	69021	24609	23600	07211	82930		
Carlisle	222	11202	80021	24706	00901	05006	81075		
Valley	302	20104	80011	24712	25601	08107	82640		
Ringway	334	10103	70031	24509	15700	07012	81650		
Squires Gate	318	01106	80011	24806	00900	05111			
Ronaldsway	204	60105	84031	24411	657//	08203	86650		
Mull of Galloway	131	13607	86011	24810	15600	09207	81630		
Eskdalemuir	162	00000	81011	25901	00900	01105			
Prestwick	135	11303	82011	24605	00901	04105	81080		
Abbotsinch	140	50000	70021	24405	30931	04107	83365		
Leuchars	171	22408	84031	24306	18602	04104	81830		
Dyce	091	20000	80020	23604	00901	04806	82075		
Lerwick	005	10000	82011	21807	15601	04810	81630		
Wick	075	42102	84011	22606	10938	06712	81364	84072	
Sule Skerry	010	31412	81021	21410	35500	07722	83625		
Cape Wrath	049	61908	84031	21210	35504	06720	83620	84070	
Stornoway	026	71910	82032	20611	60976	08825	84362	86465	87270
Benbecula	022	51708	84021	21209	18432	08822	81818	83362	
Tiree	100	62109	89031	22709	30952	07713	83365	85075	
Aldergrove	917	11207	82021	24807	00901	04801	81075		
Malin	980	71511	89032	23809	1577/	07808	81650	87460	
Belmullet	976	71907	84022	24212	756//	08706	87640		
Birr	965	51902	80031	25907	5093/	06110	85362		
Dublin	969	02902	75010	25509	00900	07307			
Shannon	962	73501	84032	26110	757//	08207	87656		
Roches Point	952	12909	84020	26310	00901	08213	81075		
Valentia	953	60603	86031	27009	60930	08304	86362		

OBSERVATIONS at 06h. 28 AUGUST 1977

iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
746	03308	68020	24407	00900	07209			
862	03204	68020	24208	00900	07211			
797	10115	81018	21114	15500	10216	81625		
776	13204	75021	23109	11300	08312	81808		
775	03505	65020	23909	00900	08312			
772	03505	64020	23509	00900	08210			
586	53308	75031	22809	55600	08310	85645		
590								
497	80120	66038	22315	845//	08211	88625		
502	61808	75031	25510	657//	07104	86656		
628	10204	70030	25408	15600	07310	81635		
715	13202	70020	25708	00901	07310	81075		
703	41210	74031	25511	48500	07306	81820	83630	
827	10503	70020	25409	15630	09211	81640		
817	50000	56401	25710	45330	08308	81708	83635	
804	80106	70031	25914	854//	13211	82715	88620	
809	43609	60050	25810	40930	08309	84359		
894	30212	75011	23512	31400	11310	83811		
534	10000	62110	25505	00901	04308	81075		
559	13305	66020	24408	15700	08312	81650		
462	53307	70031	24509	58500	07310	82822	83630	
354	13304	58050	25208	15601	07208	81630		
414	12604	64100	25804	15501	04207	81620		
360	13005	62021	24807	15701	07308	81650		
396	63210	66028	24011	22570	10208	82825	86360	
257	13304	80021	25405	15600	05306	81640		
262	12711	69020	25007	10920	06105	81458		
222	20802	70020	25102	00901	02102	82075		
302	31404	82030	25408	11531	05204	81820	83075	
334	21802	40110	26107	25600	06309	82635		
318	21302	78030	25703	18502	03306	81820		
204	53402	84031	24608	18531	06500	81820	85078	
131	52313	86031	24312	28501	09500	81825	85075	
162	20000	01424	25951	26131	52601	82702		
135	61703	80031	23507	28432	06507	81816	83366	85075
140	60000	65031	23205	11451	05508	81815	86362	
171	60000	82031	22303	15732	03816	81650	86080	
091	61002	86031	21104	15734	03819	81656	85075	
005	71910	84021	18109	25572	07725	81620	83359	85362
075	71811	82031	18110	15672	07723	81640	85362	87070
010	71618	82021	16111	755//	09718	87625		
049	71914	84022	14911	1257/	07836	81820	87460	
026	82127	70602	14612	6542/	10736	82712	86620	88460
022	81824	40616	15911	853//	11732	83706	88614	
100	82021	86602	19113	3557/	09618	83620	88462	
917	71808	80021	23610	7093/	07509	87359		
980	71918	82606	20811	2547/	08614	81716	87460	
976	82022	62606	21214	6647/	12615	84716	83640	88459
965	71603	80022	24909	756//	08606	87640		
969	62305	82031	24809	25732	06504	82650	85360	
962	71804	89022	25012	6562/	09505	85647	83656	86462
952	73304	84031	26311	756/1	09501	87647	83072	
953	81607	82022	26013	3567/	10803	83640	88460	

OBSERVATIONS during NIGHT

iii	RRT T_n E	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97071	02	+	+
862	00071	05	+	+
797	01131	12	lpr.prpr.	+
776	00091	06	+	+
775	00091	05	+	+
772	00091	07	+	+
586	00081	06	+	+
590				
497				
502	00091	04	+	+
628	00080	03	+	+
715	00070	01	+	+
703	00110	09		
827	00091	05	+	+
817	00091	04	+	jf
804	00121	08	+	+
809	97091	05	+	+
894	00121	10	+	+
534	00041	50	+	+
559	00071	02	+	+
462	00081	06	+	+
354	00071	04	+	+
414	00031	51	+	+
360	00071	05	+	+
396			pr.	+
257	00051	00	+	+
262	00071	05	+	+
222	00011	52	+	+
302	00071	04	+	+
334	00051	01	+	+
318	00031	51	+	+
204	00060	04	+	+
131	00111			
162	00511	54	+	f
135	00041	03	+	+
140	00030	52	+	+
171	00021	50	+	+
091	00011	51	jf	+
005	97051	02	+	ir.r.r.
075	97051	50	+	ir.
010	96082	07		
049	02082	07	+	ir
026	01091	05	+	r.r.
022	04071	05	+	r.r.d.r.rr
100	95071	02	+	ir.drid.r.
917	93051	50	+	r.
980	9708	04		
976	9711	09		
965	9706	02		
969	9708	03		
962	9710	07		
952	9710	06		
953	9708	05		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	28001	73108	97018	13711	53550	00212	/////	/////	05309	11347	3////	///06
L	99566	70206	28004	82423	96616	05014	873//	41500	88706	/////	0//14	11423	30705	16008
M	99652	10029	28004	32809	98031	19207	38500	00806	82820	/////	0//03	11085	30301	99/03
R	99470	70170	28004	72708	97606	30316	756//	00102	87640	/////	0//13	11732	30000	35804

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	28061	83107	98028	11711	885//	00810	/////	/////	05407	11324	3////	///05
L	99566	70208	28064	62523	98016	06713	3843/	51103	81817	83630	0//09	11446	30504	24008
M	99655	10025	28064	71805	99158	16107	69401	00818	82915	84820	0//03	11094	30201	34703
R	99469	70170	28064	72414	98022	28815	756//	00608	87633	/////	0//10	11727	30000	35803

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42284

Date of Issue MONDAY 29 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 28 AUGUST 1977

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	43505	86030	25817	44601	07203	84635		
Hurn	862	30309	82030	26217	31601	07307	83835		
Manston	797	10115	86010	24517	18502	08112	81825		
Gatwick	776	30307	80020	25516	31600	07004	83838		
Kew	775	40306	82020	25917	44600	07103	83835		
Heathrow	772	53607	82021	25717	54600	07005	85838		
Honington	586	53406	82011	24816	54600	06103	85635		
Wattisham	590								
Gorleston	497	60214	66022	25015	2252/	07108	82825	86460	
Aberporth	502	32911	75011	26615	22532	11001	82825	83075	
Filton	628	20303	82030	26716	21501	09103	82828		
Rhoose	715	52307	80031	26817	38501	10104	83828	83075	
Hartland Point	703	62709	74021	27215	22531	11005	82825	86075	
Mount Batten	827	62210	83031	26917	58502	12003	84822	83072	
St. Mawgan	817	42807	70021	27117	28402	12003	82811	83075	
Scilly	804	53104	66021	27918	42502	13208	84825		
Culdrose	809	62409	65051	27117	52501	13002	85820		
Guernsey	894	23612	82030	26416	21402	11109	82814		
Elmdon	534	41802	82011	26215	31601	06000	83832		
Cardington	559	30104	80020	25817	31600	07001	83835		
Wittering	462	33303	83011	25616	35600	05000	83635		
Watnall	354	22704	82010	25616	21601	07000	82840		
Shawbury	414	32507	84030	25717	21502	06804	82828		
Finningley	360	12405	85020	24917	14601	06804	81845		
Spurn Point	396	50000	80022	25516	58500	07802	81820	85630	
Leeming	257	12308	89010	24417	11731	05809	81850		
Tynemouth	262	42006	80021	23516	20931	06714	82358		
Carlisle	222	72310	83031	23415	2857/	09709	81825	83358	87360
Valley	302	72214	80021	25817	28452	10802	81818	85362	87072
Ringway	334	22705	80030	25616	11602	05805	81835		
Squires Gate	318	62211	82021	25417	18631	11706	81830	83360	85075
Ronaldsway	204	72017	84022	24115	785//	11804	81820	87656	
Mull of Galloway	131	82330	80032	22613	2552/	10811	82625	88459	
Eskdalemuir	162	82012	70034	22712	2847/	09716	81710	84359	88460
Prestwick	135	82414	75022	21713	6847/	07510	81818	83627	85650
Abbotsinch	140	82217	60582	20612	4542/	09713	81616	84622	88459
Leuchars	171	72216	80026	19414	1557/	08719	81620	85360	87462
Dyce	091	81912	82602	16413	1567/	07824	81640	86358	88360
Lerwick	005	81921	65636	11810	2742/	10732	82710	88459	
Wick	075	81816	65636	12711	7542/	09728	84718	87650	88459
Sule Skerry	010	82326	66026	09412	855//	11735	88620		
Cape Wrath	049	81934	75816	08510	884//	09722	85815	88620	
Stornoway	026	82125	62606	10214	853//	13618	84606	85614	88618
Benbecula	022	82019	40516	11714	861//	14710	84702	86705	88710
Tiree	100	82025	60586	15813	853//	13715	86707	88615	
Aldergrove	917	82011	70206	22113	6632/	10610	81708	85712	88458
Malin	980	82026	81216	17815	6547/	12713	82714	86640	85459
Belmullet	976	82023	62106	19616	5642/	14705	84716	84637	88459
Birr	965	82108	82022	24315	5547/	10708	82717	84636	88460
Dublin	969	82212	84022	24014	5567/	08709	85645	88459	
Shannon	962	82006	89022	24316	6547/	12706	83716	85630	88458
Roches Point	952	71914	84022	26216	5647/	12805	84715	83645	87459
Valentia	953	72112	75012	25417	764//	14605	86717	87635	

OBSERVATIONS at 18h. 28 AUGUST 1977

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	23205	86011	24917	15602	09603	81645		
Hurn	862	23408	80011	25217	25601	07604	82640		
Manston	797	10604	86021	24716	15601	09501	81645		
Gatwick	776	12706	82010	24917	14600	08501	81835		
Kew	775	12601	82011	24918	14700	05705	81650		
Heathrow	772	12706	81011	24618	14601	07706	81645		
Honington	586	22703	84011	24117	15602	07704	81645		
Wattisham	590								
Gorleston	497	00406	66021	24815	00900	07604			
Aberporth	502	72410	80021	25015	3157/	09810	81825	83358	86360
Filton	628	32609	82031	25016	11635	11709	81835	83278	
Rhoose	715	32910	70011	25416	18531	11607	81828	83075	
Hartland Point	703	63102	84022	26215	28531	12608	82825	86075	
Mount Batten	827	53506	75031	25717	18532	11708	81825	85072	
St. Mawgan	817	33008	80011	26415	21432	11708	82812		
Scilly	804	22702	80011	26717	12502	13710	81825		
Culdrose	809	23210	82011	26515	11501	09606	81820		
Guernsey	894	10106	82020	26315	00902	09801	81075		
Elmdon	534	32207	75020	24317	10932	07610	81364	83075	
Cardington	559	22704	81030	24817	00901	08605	82075		
Wittering	462	22207	80020	24516	00901	06605	82075		
Watnall	354	32306	80030	23717	20951	09711	82362		
Shawbury	414	72510	84021	23916	1567/	08606	81640	84358	87361
Finningley	360	72406	75031	22917	25751	07609	82656	86362	
Spurn Point	396	41514	80031	23416	10941	11715	81360	84075	
Leeming	257	72410	84031	22416	1564/	08808	81630	87360	
Tynemouth	262	62310	69021	20916	6097/	08613	86358		
Carlisle	222	72410	82602	21014	1567/	09715	81638	84358	87460
Valley	302	72120	82022	23416	4857/	10717	81820	84630	87460
Ringway	334	72802	70021	23117	65732	09713	86650		
Squires Gate	318	72513	82012	23115	7097/	09714	87360		
Ronaldsway	204	72116	70212	21614	1543/	11717	81716	87360	
Mull of Galloway	131	72328	84012	19814	3567/	11714	83630	87360	
Eskdalemuir	162	82016	72602	20312	854//	09714	85713	88620	
Prestwick	135	72212	65212	18815	7547/	12716	84714	86620	87635
Abbotsinch	140	72114	70216	17814	6547/	12714	81714	84618	86650
Leuchars	171	72216	63606	16413	6542/	12715	83714	86624	87460
Dyce	091	71910	65606	14013	6547/	11710	81710	86645	87360
Lerwick	005	82226	20616	07512	871//	12614	85702	88705	
Wick	075	71912	88026	10015	55472	12611	81716	84645	86362
Sule Skerry	010	82328	50536	08113	874//	12202	88710		
Cape Wrath	049	81937	04638	08112	872//	12504	88703		
Stornoway	026	82113	58636	08714	853//	14709	82707	85711	88616
Benbecula	022	82119	20516	10414	860//	14711	86701	88703	
Tiree	100	82224	35206	13614	862//	14609	88704		
Aldergrove	917	71912	70216	18916	764//	12720	87712		
Malin	980	82221	70026	16216	864//	14612	85717	87632	
Belmullet	976	72026	61215	17216	763//	14718	81709	85718	85637
Birr	965	72210	81022	21417	7853/	13717	82820	86636	
Dublin	969	62112	84016	21017	4853/	10718	81828	83645	86362
Shannon	962	72308	82026	21417	58532	14718	83820	83635	
Roches Point	952	62016	75012	23516	664//	13714	84713	85640	
Valentia	953	71915	75032	22716	764//	13717	84715	86630	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00191	126 +		+
Hurn	862	00191	128 +		+
Manston	797	00181	122 +		+
Gatwick	776	00191	121 +		+
Kew	775	00191	122 +		+
Heathrow	772	00191	123 +		+
Honington	586	00190	096 +		+
Wattisham	590				
Gorleston	497		071		
Aberporth	502	00161	070 +		+
Filton	628	00180	119 +		+
Rhoose	715	00180	123 +		+
Mount Batten	703	00170	117		
St. Mawgan	827	00181	124 +		+
Scilly	817	00171	123 +		+
Culdrose	804	00190	107 +		+
Guernsey	809	00170	111 +		+
Elmdon	894	00161	124 +		+
Cardington	534	00180	114 +		+
Wittering	559	00191	121 +		+
Watnall	462	00180	119 +		+
Shawbury	354	00181	121 +		+
Finningley	414	00190	095 +		+
Spurn Point	360	00191	115 +		+
Leeming	396		+		+
Tynemouth	257	00180	084 +		+
Carlisle	262	00190	083 +		+
Valley	222	97160	046 ⁺⁰		⁺⁰
Ringway	302	00171	054 +		+
Squires Gate	334	00180	099 +		+
Ronaldsway	318	00191	069 +		+
Mull of Galloway	204	97160	021 +		r.
Eskdalemuir	131	00141			
Prestwick	162	97141	012 +		r.ir.
Abbotsinch	135	97151	002 +		ir.
Leuchars	140	97150	000 d.r.		id.r.r.
Dyce	171	93161	019 r.		ir.
Lerwick	091	05131	025 ir.r		rRir.
Wick	005	10122	000 r.r.rrR		rrr.d.ff
Sule Skerry	075	09151	001 ir.Rr.r.rr		ir.
Cape Wrath	010	06142			
Stornoway	049	11132	000 irpr		rrff
Benbecula	026	07141	000 r.r.d.r.dr		drd.r.rr
Tiree	022	09141	000 rrRdrd.d.		d.d.r.
Aldergrove	100	08151	000 r.rd.r.RDRdr		drd.r.d.d.
Malin	917	91161	000 r.d.r.d.-r.		r.
Belmullet	980	9117	000		
Birr	976	9717	002		
Dublin	965	9718	010		
Shannon	969	9717	001		
Roches Point	962	9717	002		
Valentia	952	0019	013		
	953	0018	016		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

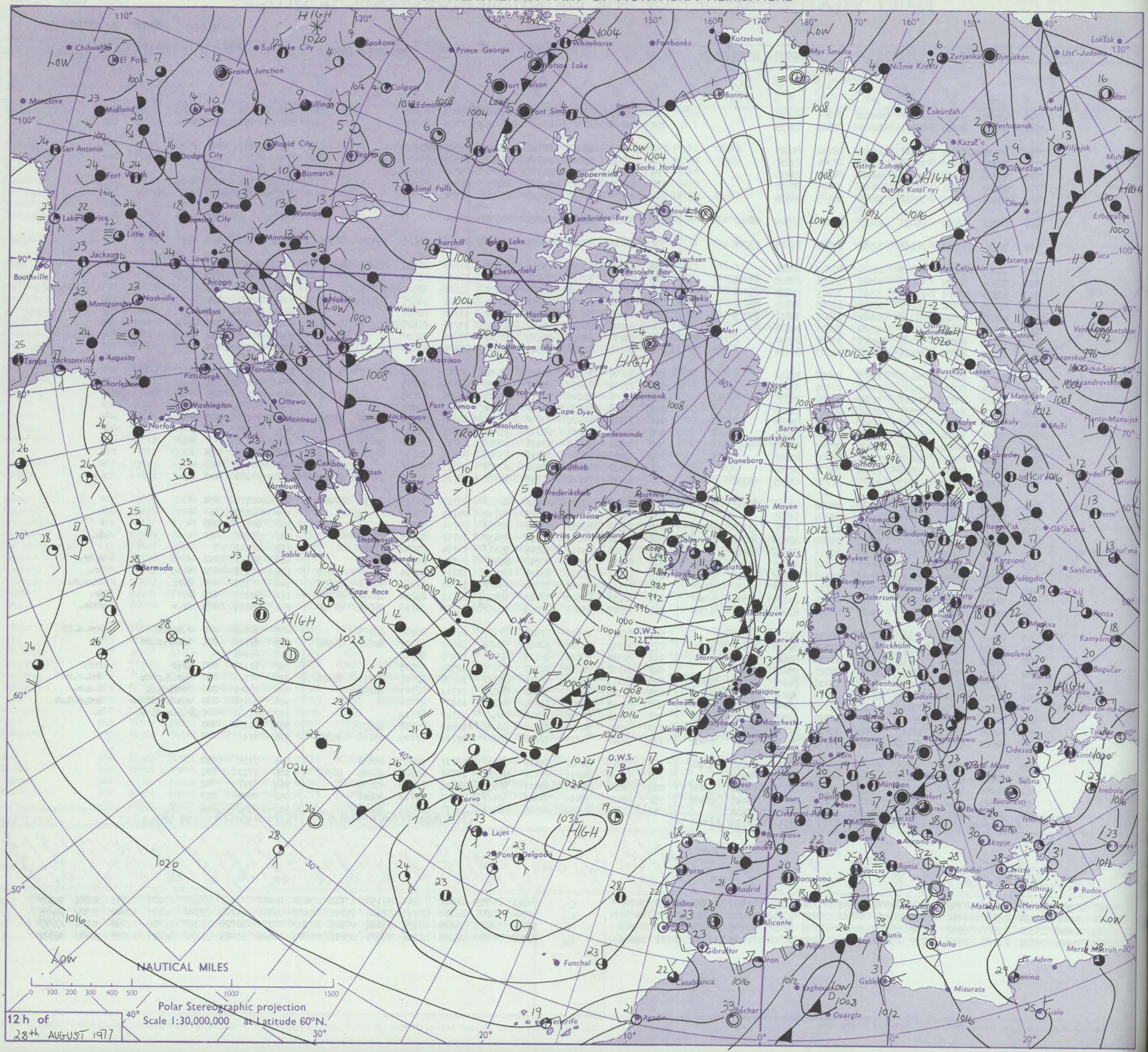
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28121	72811	97258	11511	73500	00202	/////	/////	05409	11345	30503	34106
L	99566	70207	28124	82610	97016	06512	855//	00806	88620	/////	0//08	11434	30302	24006
M	99655	10026	28124	81620	98802	10308	885//	00636	82828	88635	0//05	11095	30503	99/03
R	99468	70171	28124	62117	98022	28717	65600	00804	86633	/////	0//14	11743	30501	36802

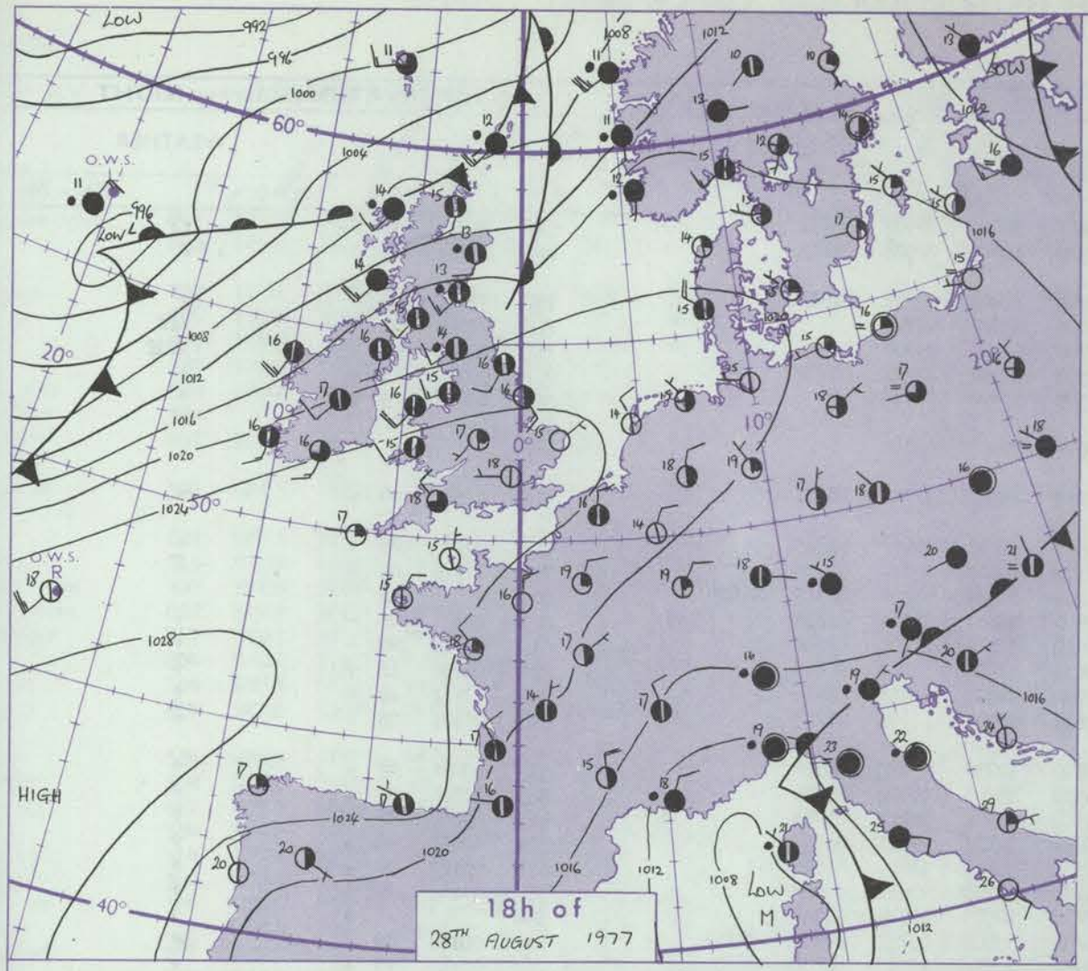
OCEAN WEATHER STATION REPORTS at 18h.

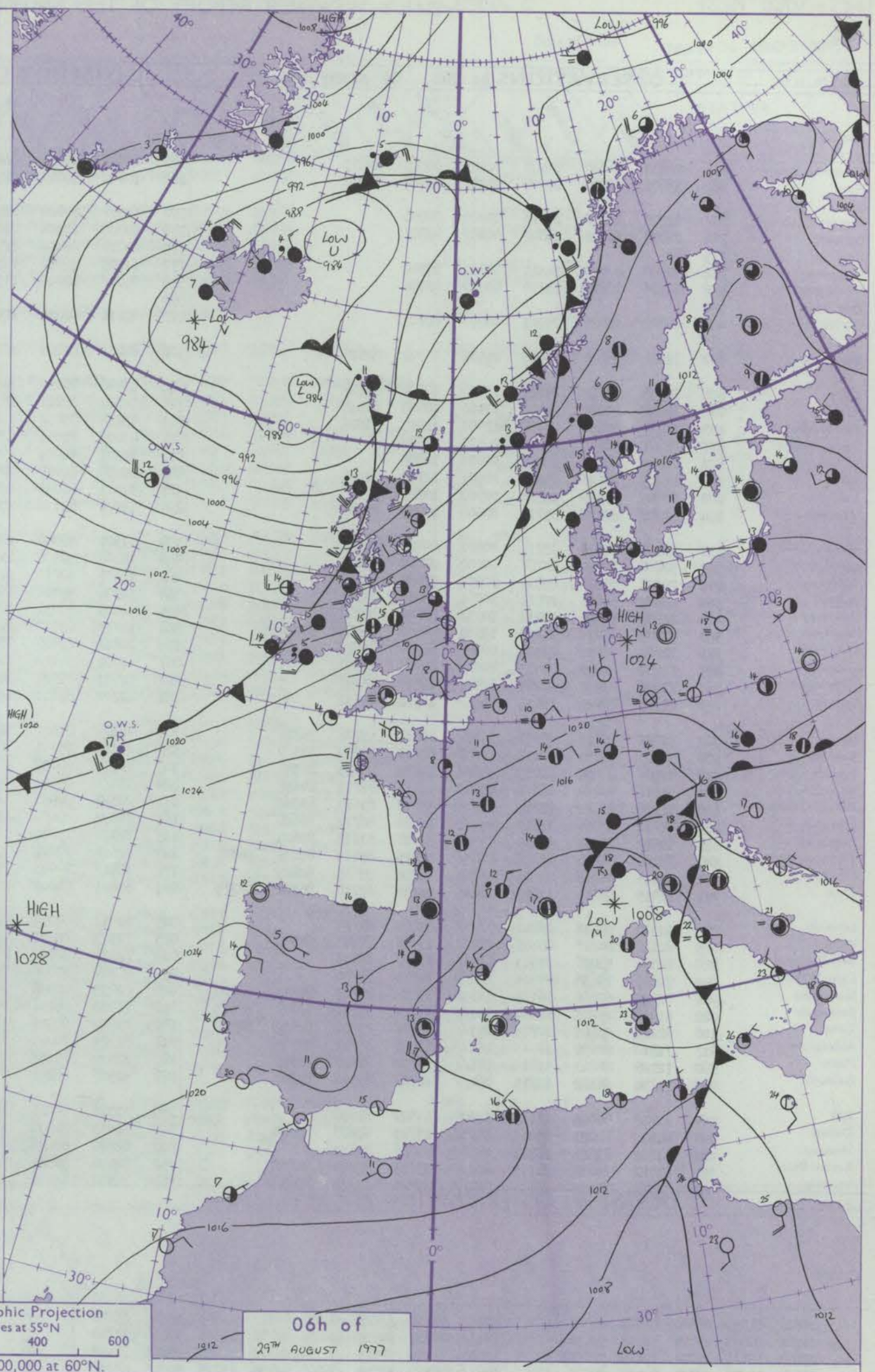
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28181	72711	97158	11712	63430	00400	/////	/////	05208	11353	30604	34207
L	99566	70207	28184	80113	97616	97611	6532/	00760	84708	85640	0//10	11444	30302	99/05
M	99656	10025	28184	81735	95618	00308	873//	00851	88709	/////	0//08	11098	30708	/////
R	99469	70170	28184	12124	98021	25817	00901	00602	81073	/////	0//15	11727	30602	36802

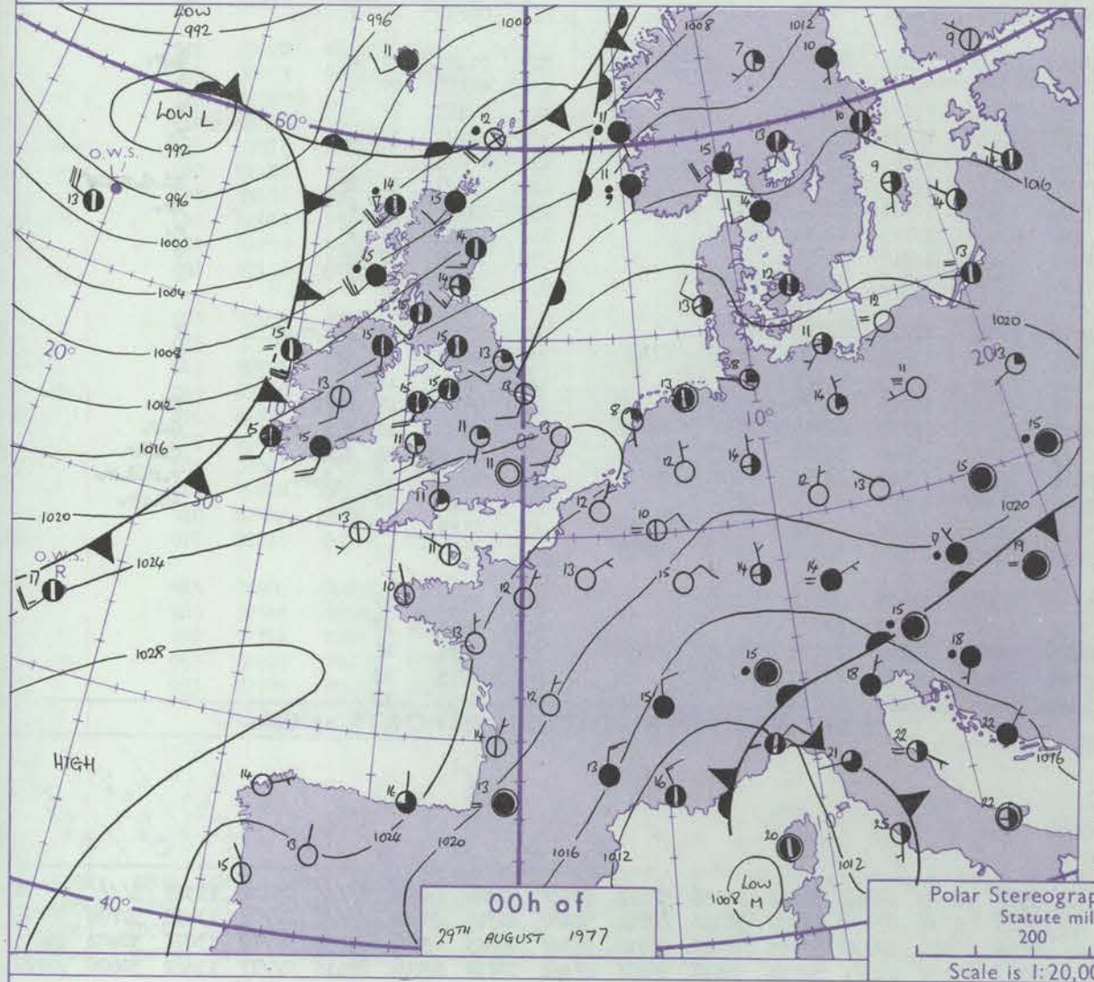
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 29 AUGUST 1977

During the past 24 hours a deep low off southwest Iceland has drifted slowly northeast and started to fill while a secondary low in mid-Atlantic moved rapidly northeast towards northwestern Britain and deepened. An anticyclone between the Azores and Spain has remained stationary and a ridge of high pressure which extended northeast to the Norwegian Sea has moved south into the English Channel as frontal troughs moved quickly east across northern parts of the British Isles. During the next 24 hours the complex area of low pressure near Iceland is expected to move away northeast, and the frontal troughs over northern parts of the British Isles will move slowly south as the ridge of high pressure moves slowly south into Northern France.

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

Code FM 11.V

OBSERVATIONS at 00h. 29 AUGUST 1977

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	22602	66020	24509	00901	08805	82075		
Hurn	862	13602	70020	24609	00901	08807	81070		
Manston	797	02305	84020	24210	00900	09806			
Gatwick	776	00000	68120	24607	00900	07807			
Kew	775								
Heathrow	772	00000	65010	24311	00900	09705			
Honington	586	01605	70020	23710	00900	08804			
Wattisham	590								
Gorleston	497	02008	66020	24013	00900	09711			
Aberporth	502	31911	83031	23411	25531	10709	82620		
Filton	628	12405	70020	24312	11400	10704	81818		
Rhoose	715	12904	80021	24311	11400	10705	81815		
Hartland Point	703	12715	84020	24914	12500	12605	81825		
Mount Batten	827	02902	70011	25211	00900	11804			
St. Mawgan	817	02005	80020	25011	00900	10808			
Scilly	804	12205	80020	25213	00902	12710	81075		
Culdrose	809	02505	80010	25312	00900	10709			
Guernsey	894	12906	82020	25711	00902	09808	81075		
Elmdon	534	21905	64010	23711	00902	09704	82075		
Cardington	559	32406	62020	24107	00902	07000	83075		
Wittering	462	22107	57020	23510	00901	07607	82075		
Watnall	354	22408	66011	22811	10971	09808	81365		
Shawbury	414	21907	81021	22412	20932	09709	82360		
Finningley	360	31803	65011	21410	10932	08810	81365	83075	
Spurn Point	396	12008	75011	22313	00901	08709	81075		
Leeming	257	71504	84022	20413	7097/	09815	87359		
Tynemouth	262	72306	81022	19214	7097/	10813	87358		
Carlisle	222	72110	80026	18615	756//	11716	87632		
Valley	302	72022	70012	20915	5633/	13817	85708	86360	
Ringway	334	51806	80031	22113	15750	08710	81650	85360	
Squires Gate	318	72306	80032	21015	3567/	12814	83635	87359	
Ronaldsway	204	51916	70032	18714	45430	12815	81712	84656	
Mull of Galloway	131	72128	83022	17014	3557/	13718	83625	85360	
Eskdalemuir	162	81712	70026	17813	854//	11816	86710	88620	
Prestwick	135	72012	75032	16315	754//	12717	81618	87625	
Abbotsinch	140	72208	65026	15215	7543/	12815	81618	85624	86634
Leuchars	171	52115	80016	14514	55400	12714	83615	84625	
Dyce	091	72015	86016	11914	16478	12710	81710	86362	87275
Lerwick	005	92118	05636	06812	9////	12807	89/00		
Wick	075	82112	84216	08415	7567/	13711	87645	88360	
Sule Skerry	010	82336	58026	05513	864//	13722	88710		
Cape Wrath	049	91826	10636	05514	9////	12711	89/00		
Stornoway	026	72123	62806	06114	6833/	13817	82707	84815	86625
Benbecula	022	81922	45205	07414	852//	14724	84704	86707	88615
Tiree	100	82125	58605	10715	853//	13724	85706	86612	88618
Aldergrove	917	71810	80032	16015	764//	12721	83711	86715	
Malin	980	72128	80012	11815	785//	12732	82820	86645	
Belmullet	976	71834	64102	10815	764//	12739	85716	85640	
Birr	965	11812	80018	17313	15600	11829	81636		
Dublin	969	42111	82021	18015	3563/	13723	83648	83360	
Shannon	962	12012	82021	17814	15500	11726	81625		
Roches Point	952	81920	75032	21115	864//	13713	86714	88632	
Valentia	953	72018	75022	18715	784//	12724	83819	87630	

OBSERVATIONS at 06h. 29 AUGUST 1977

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	81807	19281	22407	860//	07507	88701		
862	10000	50011	22508	12400	07508	81712		
797	12307	84020	22509	12400	08710	81812		
776	00000	13284	23004	00900	04709			
775	00000	03414	22705	00900	05708			
772	11503	59050	22308	00901	07609	81080		
586	01807	62020	21509	00900	07610			
590								
497	02110	66020	22012	00900	09710			
502	62012	80021	20013	6554/	11709	86620		
628	12406	70030	21611	11400	10609	81815		
715	12708	68011	21113	18400	12710	81810		
703	42418	83031	21213	48401	13709	82815	84625	
827	40000	62031	22710	48401	09509	81710		
817	32207	80011	22212	35400	11808	83614		
804	22208	82010	22014	22500	12709	82823		
809	32511	81021	22214	31400	11813	83816		
894	12904	82110	23611	00902	11608	81075		
534	11907	59040	20710	10930	09612	81359		
559	12108	59100	21509	15700	09612	81656		
462	12007	50010	20909	00901	08717	81075		
354	12306	50100	19909	10971	09711	81362		
414	61909	80031	19212	5544/	10611	85616		
360	11908	62020	18211	15741	08613	81656		
396	11812	66020	19012	10970	10714	81360		
257	61910	66012	16613	35640	09712	83630	84359	
262	62013	80022	14516	2167/	11719	82830	86358	
222	42210	82011	14015	15570	11721	81622	83360	
302	72129	80012	17415	754//	11511	87616		
334	21911	75031	18712	25580	09609	81620		
318	71908	70032	17315	754//	13714	87611		
204	12021	65011	14114	16430	12618	81712		
131	22343	80011	11413	25600	12721	82630		
162	81822	50582	12913	872//	12624	86705	88708	
135	71916	75031	10914	784//	11622	82816	87628	
140	62014	70022	10114	48440	11723	81818	84622	
171	32411	70011	09514	28430	11719	81814		
091	51821	84012	06314	25470	11836	82616	84362	
005	61911	62016	02112	20982	12725	82360	85070	
075	71923	80022	02314	2857/	11734	81820	85359	87362
010	72329	82022	99114	755//	11733	87625		
049	82314	81808	98913	885//	11723	85820	83625	
026	82035	40598	96313	852//	12758	84704	85708	88614
022	81930	65216	98113	853//	13646	83708	86613	88625
100	81934	60056	02614	853//	12741	84707	86710	88616
917	61921	70021	10014	653//	10529	81709	86616	
980	72128	75258	05715	784//	12628	84710	85817	85640
976	52526	68256	09814	534//	11324	82715	83640	82919
965	82316	60216	14115	864//	13509	86712	87633	
969	72215	81031	13514	756//	10713	87630		
962	62520	65206	14415	5547/	12605	81715	85635	85459
952	82124	56586	16715	864//	15516	87711	88632	
953	82611	75216	16214	864//	12204	88711		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_h$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00071	04 +		fF
862	00061	05 +		f F
797	97071	05 +		+
776	97041	01 +		ff
775	00041	51 1F		1F1f
772	00081	03 +		+
586	00090	05 +		+
590				
497				
502	97101	09 +		r.
628	00100	05 +		+
715	00110	06 +		+
703	00130	12		
827	00091	06 +		+
817	00111	08 +		+
804	00130	11 +		+
809	97111	10 +		+
894	00101	08 +		+
534	00091	07 +		+
559	00061	02 +		+
462	00080	07 +		+
354	00091	08 +		+
414	00100	07 +		+
360	00101	07 +		+
396		+		+
257	00120	09 +		+
262	00140	13 +		+
222	00130	11 +		+
302	91151	13 +		d.r.
334	00110	10 +		+
318	00121	11 +		+
204	97140	13 r.		r.
131	00131			
162	94121	11 ir.		id.d.r.d.
135	91141	12 +		ir.
140	92141	11 +		r.
171	00121	12 +		+
091	00131	12 +		+
005	05121	11 FFr.r.rr		+
075	01141	11 ir		+
010	02112	11		
049	03112	11 rrff		pr.
026	04111	12 d.r.pr.		d.r.
022	02131	12 d.d.		r.rir.
100	96131	12 r.d.r.		r.r.d.r.
917	91121	11 +		id.pr.
980	9713	12		
976	9213	12		
965	9713	11		
969	0013	10		
962	9214	11		
952	9715	13		
953	0114	12		

Code FM 21.V

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29001	81907	96818	11011	834//	00812	/////	/////	05311	11349	3////	///06
L	99566	70206	29004	72828	97036	98012	784//	00216	84815	86625	0//06	11425	30606	99/08
M	99655	10021	29004	72418	97036	97710	75400	51109	87615	/////	0//10	11036	30403	19808
R	99468	70170	29004	72118	98022	23717	756//	00719	87640	/////	0//16	11715	30603	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29061	82712	97158	07112	834//	00706	/////	/////	05112	11327	3////	///06
L	99566	70204	29064	52730	98168	00612	52400	61311	85812	/////	0//07	11433	30706	99/08
M	99656	10017	29064	82016	97022	96510	5532/	00813	83707	84635	0//10	11077	30402	21806
R	99467	70169	29064	82224	96616	19817	873//	00719	83706	87616	0//17	11681	30606	/////

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42285

Date of Issue TUESDAY 30 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 29 AUGUST 1977

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	12607	86024	19019	11600	10617	81830		
Hurn	862	12307	82024	20019	11530	11715	81825		
Manston	797	11411	82020	20318	11500	11715	81827		
Gatwick	776	11909	75020	19719	11600	12718	81830		
Kew	775	11910	70024	19819	11600	11719	81830		
Heathrow	772	12008	72030	19519	11501	10717	81826		
Honington	586	02012	78020	18020	00900	08722			
Wattisham	590								
Gorleston	497	01721	66020	18817	00900	09711			
Aberporth	502	82015	70206	17415	855//	13812	85620	88640	
Filton	628	42617	82011	19018	48500	12718	83825		
Rhoose	715	52714	81031	19318	38531	11714	83822	83072	
Hartland Point	703	72620	81031	19315	6843/	13714	81815	86630	
Mount Batten	827	52512	86011	20317	18532	14716	81825	84072	
St. Mawgan	817	52513	86021	20017	38432	12715	82815	84075	
Scilly	804	62312	81031	20117	65500	14711	86623		
Culdrose	809	62413	81021	20117	38472	13716	81816	83628	
Guernsey	894	52708	83031	22116	48402	12608	84812		
Elmdon	534	42409	81011	17419	41601	11721	84830		
Cardington	559	12510	70030	18420	15700	11622	81650		
Wittering	462	12513	81010	17719	11600	11619	81830		
Watnall	354	22413	80010	17019	21500	12618	82828		
Shawbury	414	72513	78021	16918	6557/	13513	86622	86360	
Finningley	360	12315	78020	15621	11540	12816	81828		
Spurn Point	396	12309	68030	16319	00901	12711	81075		
Leeming	257	62315	80011	14617	55540	12613	85622	83362	
Tynemouth	262	72320	69021	12817	755//	12601	87625		
Carlisle	222	52417	75016	12318	48541	13804	84824		
Valley	302	82222	45586	15915	872//	14609	81703	87704	88708
Ringway	334	72213	80021	16817	755//	11511	86620		
Squires Gate	318	82320	65606	16016	854//	14606	81712	85616	85628
Ronaldsway	204	42115	75016	14217	38431	13000	81818		
Mull of Galloway	131	72310	84022	13315	785//	12313	83825	87630	
Eskdalemuir	162	81923	65505	10814	873//	12809	81706	85708	88712
Prestwick	135	72616	62806	11914	6843/	12322	81712	83816	86645
Abbotsinch	140	62618	75256	10215	48432	11317	82818	84635	
Leuchars	171	72230	82211	07118	785//	11102	84820	84640	
Dyce	091	72126	82021	04419	58540	12511	85824	85364	
Lerwick	005	72033	70022	96415	68472	11724	81818	86640	86362
Wick	075	72722	82212	01715	48432	13310	81818	84640	85070
Sule Skerry	010	52521	70018	99913	2555/	11223	82625	83360	
Cape Wrath	049	72530	70018	99612	785//	08252	84820	87625	
Stornoway	026	62629	70806	02514	684//	08249	83818	85625	
Benbecula	022	22420	80038	05815	12402	11242	81819		
Tiree	100	32521	75018	08715	28570	11234	81820		
Aldergrove	917	72614	80158	12917	785//	11221	83821	86645	
Malin	980	62402	81038	11616	28532	10223	81820	85075	
Belmullet	976	72217	70031	12815	43438	11004	81716	83820	81920
Birr	965	72308	81032	15316	785/2	11201	84822	85636	
Dublin	969	52513	84028	14718	48531	10001	83824	84635	
Shannon	962	72714	70808	16016	735//	12002	85820	83635	82920
Roches Point	952	52608	81016	16519	584/2	11803	85818		
Valentia	953	72709	75021	16817	32502	13803	83820	86070	

OBSERVATIONS at 18h. 29 AUGUST 1977

iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
746	32211	82020	16916	28502	13705	81820		
862	32610	82010	17616	11542	13713	81822		
797	11911	68020	17017	10931	12510	81360		
776	12209	81011	17118	00902	13710	81080		
775	12008	81020	16820	00901	12609	81075		
772	12208	81020	16720	14631	12506	81635		
586	12508	81020	15520	10930	10709	81364		
590								
497	01813	66020	16317	00900	13711			
502	62210	80016	15216	36332	14711	83707	83362	
628	82708	80031	17016	854//	14807	82712	84625	88640
715	82510	56202	16815	872//	15712	85703	88708	
703	82620	16505	16815	872//	15715	88703		
827	82511	65022	17716	884//	14716	81818	85625	88640
817	82308	57025	17515	862//	14717	82704	86706	88710
804	82209	56025	16915	863//	15719	88707		
809	82212	15516	17715	850//	15716	82700	85702	88604
894	32810	82011	18915	11432	13721	81812	83075	
534	82609	80021	16017	855//	13703	82623	86630	88650
559	32610	68030	16620	25701	13501	82650		
462	72507	81031	16119	3567/	13601	83640	87359	
354	82507	72581	15817	2542/	14502	82616	88460	
414	81906	73216	15317	854//	15708	84613	88616	
360	72208	73801	15018	784/2	13703	83818	86645	
396	82407	66031	15918	856//	13204	88630		
257	72512	86036	14317	25544	11501	82625	87072	
262	42712	69021	13518	10941	09204	81358	83075	
222	52407	82018	13116	48532	10303	82824	83640	
302	72110	82036	14716	48532	13708	81820	84632	85075
334	72017	65218	14916	754//	15606	82710	86615	87640
318	72507	70016	14416	48432	14606	81815	84635	86072
204	72008	82021	13614	15632	13606	81630	83361	86075
131	72310	84031	12815	18538	12807	81825	87275	
162	72206	82015	12614	58542	07202	82824	84630	
135	62510	82028	12015	18502	10802	81822	86075	
140	52813	82031	11315	28502	09205	81828	84070	
171	42415	82021	10416	38602	08106	82830		
091	62110	89038	08715	24504	07112	81828	86075	
005	62329	65031	02012	16432	09315	81710	86078	
075	72421	82028	05814	18542	07212	81820	87072	
010	62322	70021	03613	25501	11216	82625	86075	
049	62311	70031	03313	53401	07220	85915		
026	52522	70018	04813	48501	08212	83825		
022	72217	70038	07113	38432	10204	81815	83362	87072
100	72318	62031	09413	18434	11101	81818	87075	
917	62607	82011	12217	28541	11707	81825	86080	
980	62418	80031	11515	5854/	11500	84820	83642	
976	42312	78028	12914	18532	10702	81820		
965	52505	82012	14116	32502	10509	83823	84070	
969	62707	86022	13417	38532	09608	81825	84359	
962	32507	83018	14316	18532	10608	81825		
952	72008	80022	14616	68432	13711	81816	86636	
953	72903	75258	14315	785//	12717	85820	86637	

OBSERVATIONS during DAY

iii	RRT $T_x T_n$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00211	086	+	+
862	00201	102	+	+
797	00200	123	+	+
776	00201	115	+	+
775	00210	126	+	+
772	00211	126	+	+
586	00220	126	+	+
590				
497		107		
502	92171	013	ir.id.	d.d.r.
628	00190	083	+	+
715	97190	055	+	id.
703	94152	044		
827	97171	074	+	d.d.
817	93191	068	+	d.d.
804	92181	044	+	ir.
809	97171	078	+	ir.d.d.f
894	00171	108	+	+
534	00200	074	+	+
559	00221	118	+	+
462	00210	107	+	+
354	97200	075	+	d.r.
414	97200	042	r.	r.
360	97220	077	+	pr.
396			+	+
257	97190	040	r.	+
262	00200	059	+	+
222	97180	050	d.r.pr.	+
302	93181	039	d.r.	d.r.
334	91180	037	r.pr.	r.
318	01181	022	ir.rd.r.dr	+
204	97180	051	r.	+
131	00170			
162	01161	010	d.did.	+
135	01171	042	r.rRpr.	+
140	97180	062	ir.pr.	+
171	97191	086	r.	+
091	97191	074	+	pr.
005	00151	033	+	+
075	01161	043	irpr.	+
010	92141			
049	95151	059	pr.	+
026	93161	066	pr.	+
022	93151	075	pr.	pr.
100	97161	052	pr.	+
917	92191	079	pr.	pr.
980	0017	054		
976	9716	066		
965	0019	043		
969	9719	061		
962	9218	056		
952	9720	037		
953	9717	050		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

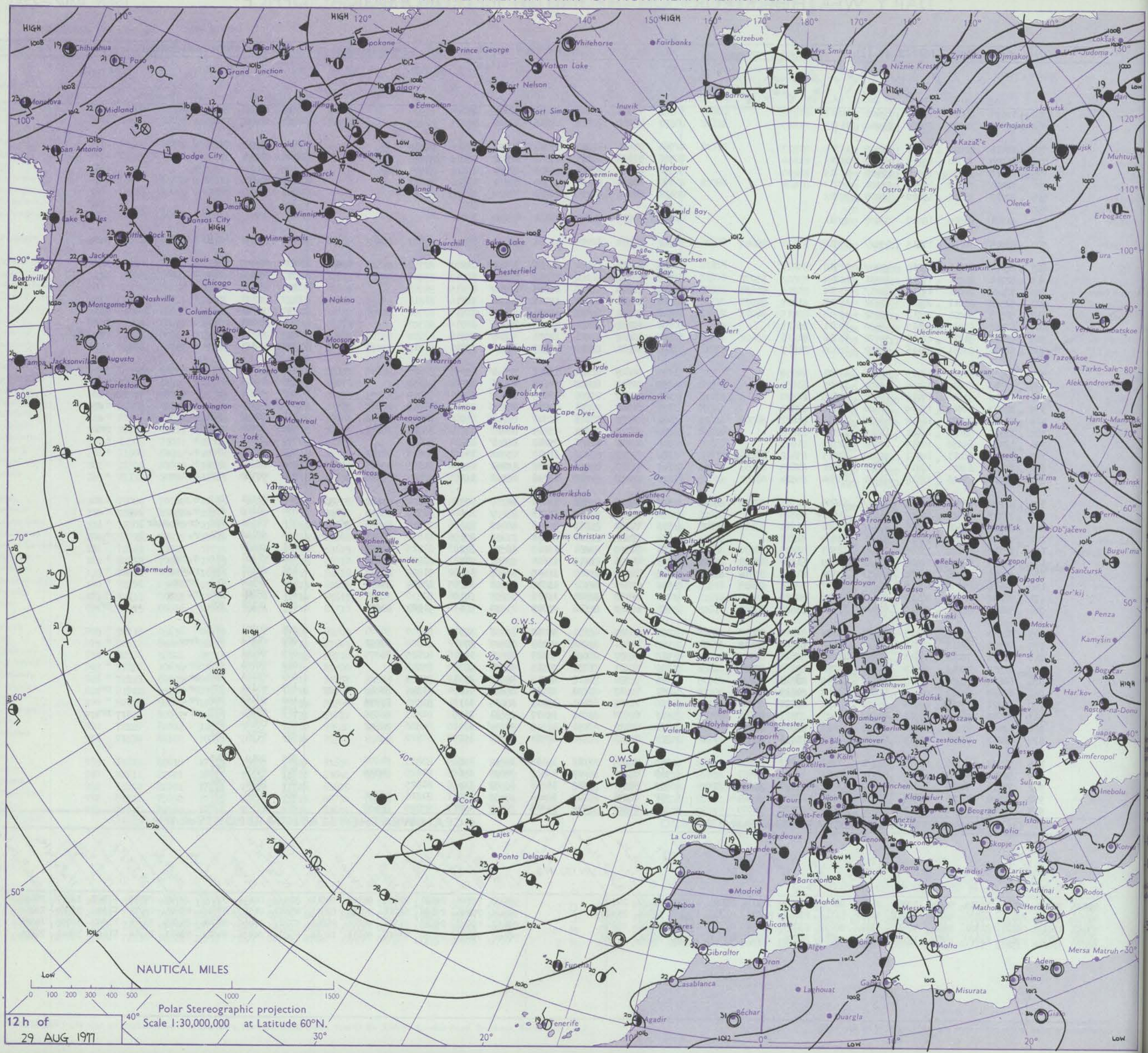
O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	29121	73003	98038	10311	21550	00112	/////	/////	05309	11348	3////	26206
L	99567	70207	29124	62726	98168	04012	38432	61110	83812	85078	0//07	11422	30805	28009
M	99657	10019	29124	81521	95606	92110	5732/	00832	85707	88456	0//10	11085	30503	27806
R	99467	70170	29124	82222	95616	17217	872//	00719	88705	/////	0//17	11684	30706	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	29181	82604	98022	09012	825//	00612	/////	/////	05210	11367	3////	26105
L	99568	70206	29184	62716	97158	02811	48432	21707	83815	83645	0//07	11398	30504	29010
M	99657	10019	29184	81726	94214	81011	5722/	00362	85706	88515	0//11	11092	30705	14806
R	99467	70168	29184	83414	96616	14614	6522/	00302	84705	85613	0//14	11698	30401	24704

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 29th AUGUST 1977

00h of 30th AUGUST 1977

06h of 30th AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 30 AUGUST 1977

During the past 24 hours a deep low west of Scotland moved rapidly northeast into the Norwegian Sea. A shallow developing low approached southern Ireland from the southwest. A ridge extending northeast into southern England declined and moved southwards into northern France while frontal troughs crossed northern and central Britain. During the next 24 hours the low over southern Ireland will transfer to Orkney and deepen and the associated cold front will move southeast across southern Britain.

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

Code FM 11.V **OBSERVATIONS at 00h.** 30 AUGUST 1977

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	81707	65031	16413	856//	13605	88640		
Hurn	862	61503	80021	16714	60930	14704	86360		
Manston	797	01907	62020	16312	00900	11812			
Gatwick	776	20000	57111	17111	25701	11705	82656		
Kew	775								
Heathrow	772	12105	65011	16414	15500	13803	81628		
Honington	586	32003	70030	15713	35702	10704	83650		
Wattisham	590								
Gorleston	497	02309	66011	15715	00900	11708			
Aberporth	502	81708	70032	13614	854//	13817	83712	88633	
Filton	628	82404	58502	15515	853//	14814	86709	88616	
Rhoose	715	81806	68016	15216	853//	14813	81708	86614	88643
Hartland Point	703	82112	56515	15315	871//	15810	88702		
Mount Batten	827	82512	45585	16315	871//	15813	88702		
St. Mawgan	817	81910	20515	15715	870//	15714	86700	88701	
Scilly	804	82012	62216	14715	854//	14718	88615		
Culdrose	809	82014	15515	15715	870//	14714	83700	88703	
Guernsey	894	72106	82031	18314	4845/	13706	81810	84622	87358
Elmdon	534	82409	62602	14815	856//	14711	83630	88656	
Cardington	559	71906	63021	16214	757//	13803	87656		
Wittering	462	72103	64602	15715	757//	13805	87656		
Watnall	354	82404	57056	15015	856//	14806	88637		
Shawbury	414	81705	75026	14215	854//	14708	86612	88645	
Finningley	360	71402	58108	14614	7097/	13704	87360		
Spurn Point	396	72506	68022	15116	7097/	14604	87360		
Leeming	257	30000	86011	14611	20932	09704	82363		
Tynemouth	262	62502	81021	14313	6093/	11602	81359		
Carlisle	222	51305	75031	13411	50931	09801	85361		
Valley	302	51507	80031	13614	45330	12808	81707	84656	
Ringway	334	71704	60036	14315	755//	14706	83620	86640	
Squires Gate	318	71405	13284	14110	784//	10708	81813	87650	
Ronaldsway	204	70000	75031	12811	752//	09709	81704	87650	
Mull of Galloway	131	73208	84031	12913	4563/	12008	84635	87360	
Eskdalemuir	162	71808	65012	13212	753//	11805	84706	85710	87630
Prestwick	135	71706	80022	12512	6553/	10802	81620	83642	85650
Abbotsinch	140	72004	75021	11913	35552	09802	81625	83645	86075
Leuchars	171	52306	75021	11910	15735	08500	81650	84075	
Dyce	091	71809	86022	11011	60932	08208	86364	83075	
Lerwick	005	62223	65012	04811	10936	09306	81359	86070	
Wick	075	72217	83022	07711	30932	08001	83362	86075	
Sule Skerry	010	72521	74032	05912	3555/	10208	83625	87360	
Cape Wrath	049	62319	80022	06211	58401	09214	83815	85625	86070
Stornoway	026	42312	80021	07011	15631	08110	81630	83070	
Benbecula	022	32314	80018	08412	12404	09203	81818	83070	
Tiree	100	82210	66032	10112	12407	11400	81816	88270	
Aldergrove	917	70000	80028	12112	756//	10808	87642		
Malin	980	82211	80032	11213	2567/	10807	82640	88462	
Belmullet	976	71905	69011	10913	6547/	11613	81717	86640	86359
Birr	965	81101	70606	11911	864//	10817	85714	88633	
Dublin	969	72702	80031	12014	6563/	10716	86638	84359	
Shannon	962	80000	65616	11813	853//	12714	82709	88640	
Roches Point	952	80000	58636	12113	863//	12720	88708		
Valentia	953	80503	60616	11312	3642/	12822	83719	88556	

OBSERVATIONS at 06h. 30 AUGUST 1977

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	72009	62012	12414	751//	13812	81702	87650	
862	72206	70022	13315	754//	13710	81615	84625	86645
797	62107	03461	14111	654//	11805	86612		
776	70000	16284	14212	7603/	12610	84701	86702	
775	72002	27104	13812	751//	12810	82702	87617	
772	71604	12281	13412	760//	12712	87701		
586	41702	59011	12812	15732	11714	81656	84360	
590								
497	22307	66020	13513	20970	11505	82360		
502	82014	30516	08714	872//	14613	87705	88712	
628	82009	65205	11815	853//	14613	84708	85615	88650
715	82011	64036	11315	853//	14616	84707	87709	88645
703	72624	66025	10114	6842/	14819	86610	87360	
827	82216	75026	12715	854//	13611	82715	88620	
817	71811	62016	11014	6533/	12718	81706	86622	
804	82118	71022	09815	884//	13624	82818	86625	
809	72120	62025	11115	755//	12721	87626		
894	72210	84031	15213	4843/	11506	83813	86360	
534	81507	62026	11314	7622/	14716	83703	86706	88458
559	71707	58052	12713	756//	13713	87633		
462	71805	57606	12314	3557/	13612	83625	85359	87462
354	81706	25586	11315	871//	14614	86702	88705	
414	81506	62216	09915	852//	14615	81703	84708	88613
360	81402	20216	11114	861//	14714	88702		
396	81707	32506	12315	864//	15613	88710		
257	82003	30586	11610	853//	10511	82707	84614	88630
262	80000	61601	11612	8092/	11712	88458		
222	81104	75212	09512	2547/	11720	81712	88460	
302	81310	25596	07013	872//	13733	84703	88705	
334	81508	56636	09615	852//	14719	84705	88640	
318	81108	20586	08912	872//	12729	88704		
204	80708	50632	07513	851//	12832	83702	85705	88616
131	80310	62616	08512	6851/	11725	83825	84630	88460
162	80000	70612	09810	6552/	10819	86625	88459	
135	80902	65636	09511	1562/	10614	81640	88459	
140	80702	56636	09710	3542/	10610	81712	83622	88458
171	80000	60606	10610	6572/	09605	86656	88459	
091	82105	84602	10211	2567/	08500	82645	88360	
005	12322	70021	06311	16401	09306	81710		
075	72004	84021	08210	50972	07502	81359	85362	87075
010	62516	74021	06311	15501	11801	81625	86075	
049	62309	80022	06611	684//	08601	83815	86625	
026	62007	80021	06911	48532	10703	81825	83630	
022	82009	80808	07512	5841/	10503	81816	85630	88460
100	81910	62032	08112	18427	11608	81815	87460	88270
917	80702	30636	08511	2732/	10720	82708	88550	
980	81509	75616	08810	4542/	09710	81710	84640	88459
976	81704	72616	08311	5642/	11609	85719	88550	
965	83505	40636	08111	6732/	10614	86708	88458	
969	83206	30636	06812	862//	12625	83704	85707	88710
962	83601	80216	08211	4527/	11612	81705	84625	88458
952	73513	75606	06612	754//	11517	82711	87640	
953	70000	62606	09111	754//	10505	81717	87650	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	TgTg	WEATHER 21h.--03h.	WEATHER 03h.—09h.
746	00131	13	+	+
862	00141	12	+	+
797	97100	08	+	iffjf
776	97101	07	iff	fFF-d.
775	00091	05	+	if
772	00121	09	+	f
586	00120	08	+	+
590				
497				
502	01131	12	ir.	r.r.d.d.id.
628	97150	14	d.d.	d.-r.
715	02151	14	d.dd.r.-r.	d.r.rd.r.d.r.
703	01141	14		
827	95151	13	d.d.d-d.r.	id.
817	01141	13	d.d.	r.
804	96141	13	ir.	id.
809	02132	06	Fddd.id.	id.ir.r.
894	00121	08	+	+
534	02141	14	ir.rrdrd.r.	d.d.-d.-.-.
559	00120	09	+	+
462	97141	14	r.	r.r.
354	01141	12	rr.d.r.	d.r.drr.
414	04141	09	r.d.r.drd.	d.r.drr.r.r
360	01141	11	r.d.r.	d.r.drr.Rrd.
396			+	id.r.r.
257	03092	05	+	r.r.d.r.rr
262	93111	09	+	ir.
222	05102	05	+	r.ir.rr
302	08131	10	r.r	rrrdrdir.
334	06141	13	r.r	rrRrrdrd.
318	02091	07	ff	d.r.rRr.r.
204	21111	08	r.	RR
131	13101			
162	05092	07	+	rr.rr
135	07101	08	+	ir.r.r.rr
140	05092	04	+	r.r.rr
171	05092	05	+	ir.rr
091	97101	08	+	r.r.
005	00101	09	+	+
075	00081	04	+	+
010				
049	00101	09	+	+
026	00090	07	+	+
022	04111	09	pr.	r.pRpr.
100	00111	09	+	+
917	09101	08	pr.r.	r.rrRrrdr
980	0310	09		
976	0311	10		
965	1210	08		
969	0911	07		
962	1211	10		
952	2412	12		
953	0710	09		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_ap_ap$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30001	82404	98028	09112	845//	00707	/////	/////	05209	11344	3////	32/05
	99568	70205	30004	62811	98032	03511	48431	00301	82815	83645	0//06	11397	30403	29007
	99659	10019	30004	82450	94635	82109	872//	51343	88705	/////	0//08	11072	30814	/////
	99468	70168	30004	42710	98030	15315	22501	00806	82820	/////	0//13	11682	30000	27905

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_ap_ap$	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30061	81706	97152	06113	5345/	00818	/////	/////	00012	11333	3////	///04
	99567	70204	30064	33012	98251	02011	38430	00501	82818	/////	0//06	11403	30302	30006
	99656	10015	30064	62532	96076	89310	68301	51230	82707	84815	0//08	10960	30808	/////
	99468	70167	30064	62807	98031	12616	22502	00612	82820	86073	0//14	11670	30000	27602

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42286

Date of Issue WEDNESDAY 31 AUGUST 1977

Code FM 11.V

OBSERVATIONS at 12h. 30 AUGUST 1977

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	72017	84022	11315	754//	11812	87618		
Hurn	862	72018	80036	12316	754//	12711	84718	87630	
Manston	797	22014	80014	12420	18502	13813	81825		
Gatwick	776	52214	82015	12717	18531	11710	81820	84359	
Kew	775	62013	80012	12317	38531	11813	82820	84358	
Heathrow	772	62213	80012	12018	5153/	12712	85826	85360	
Honington	586	52015	70021	10621	28631	13716	81830	84075	
Wattisham	590								
Gorleston	497	61512	58011	11319	20971	13716	82360	86075	
Aberporth	502	82121	70506	06115	873//	13509	81707	88709	
Filton	628	72212	81016	10216	754//	13614	82710	85618	87625
Rhoose	715	71909	70155	09516	75432	13514	87613		
Hartland Point	703	72430	83026	08615	7843/	14509	84815	87625	
Mount Batten	827	82316	60205	11415	852//	15606	86705	88620	
St. Mawgan	817	52516	80025	10917	38434	13308	83814	85075	
Scilly	804	52505	80035	11317	12572	14112	81820	83360	
Culdrose	809	52515	75016	11217	32402	13307	83818	84070	
Guernsey	894	72014	82022	14015	7563/	12812	87645		
Elmdon	534	71914	72026	09316	6557/	11613	86622	87359	
Cardington	559	72116	65022	10818	5573/	12715	85650	84359	
Wittering	462	61917	80026	09619	31531	11716	83822	84359	
Watnall	354	82014	62605	09015	853//	13712	83709	88616	
Shawbury	414	72018	81026	07317	784//	12715	83817	84630	87645
Finningley	360	81912	63506	08117	854//	13714	82712	85614	88622
Spurn Point	396	81910	57036	09517	855//	15719	88625		
Leeming	257	81712	40046	06417	853//	15820	82706	85712	87624
Tynemouth	262	81608	32606	06814	863//	14728	88706		
Carlisle	222	83502	58606	05313	853//	13622	83708	86712	88625
Valley	302	81727	32606	04215	853//	14719	82707	88612	
Ringway	334	71815	65206	07217	754//	14610	81712	84620	87640
Squires Gate	318	81813	65016	05817	7847/	15713	81814	86650	88462
Ronaldsway	204	81708	56636	03914	871//	14609	81702	83704	88708
Mull of Galloway	131	80124	60616	04311	3742/	11718	83715	88525	
Eskdalemuir	162	80307	60636	06210	853//	10723	83708	85712	88625
Prestwick	135	80412	56596	06611	6532/	09620	81706	83710	86640
Abbotsinch	140	80704	60616	07012	7532/	11721	82709	84616	86630
Leuchars	171	80409	60636	08011	7532/	09721	81706	83710	86626
Dyce	091	81302	57636	08612	3542/	10812	81710	83645	88458
Lerwick	005	72214	70031	08213	12436	10206	81812	86364	87275
Wick	075	71707	82022	07713	18578	10808	81820	84364	87072
Sule Skerry	010	82510	81032	07113	3557/	11802	83625	88360	
Cape Wrath	049	82309	80022	06612	884//	09605	84815	88625	
Stornoway	026	82110	70802	06413	5842/	11703	83816	84640	88462
Benbecula	022	72013	82028	06413	4837/	12808	81708	83813	87462
Tiree	100	81911	81216	07213	3842/	11608	82816	88460	
Aldergrove	917	83607	56586	06911	5622/	10607	82703	84710	88458
Malin	980	70705	81216	07313	3843/	10608	82818	86360	
Belmullet	976	71811	83806	07115	23432	11606	81819	85358	81919
Birr	965	62906	83031	07615	625//	09803	86822		
Dublin	969	83310	82216	06911	6537/	10207	81707	86635	87458
Shannon	962	22808	86016	07617	22500	09706	82825		
Roches Point	952	72206	81036	09216	714/2	10210	87819	83072	
Valentia	953	72409	84016	09016	785//	12502	83825	87635	

OBSERVATIONS at 18h 30 AUGUST 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
	746	72113	68585	11115	753//	13507	84707	87612	
	862	72311	64506	12115	753//	14606	82706	87708	
	797	32212	75031	12415	35572	11211	83625		
	776	82212	63021	12315	854//	13001	86711	88618	
	775	82012	75022	12016	854//	13400	87712	88620	
	772	82008	70602	11316	854//	13002	85712	88615	
	586	72111	80011	10417	45532	11108	84626	85075	
	590								
	497	52612	60021	10318	50970	14208	85360		
	502	72510	82015	10513	2843/	11105	81818	87360	
	628	72812	75026	10915	15432	11306	81618	85360	86075
	715	73010	81036	10915	18438	11308	81814	86275	
	703	72710	86022	11314	3857/	13801	81820	87460	
	827	72908	86032	11517	28436	12702	81815	87270	
	817	72806	84022	11714	18478	11802	81810	83358	87466
	804	70000	80022	11615	2857/	13707	81820	87360	
	809	73602	80022	11715	4531/	12502	81709	83645	87460
	894	82412	68022	13415	853//	14608	81708	84615	87620
	534	72513	82028	09416	785/2	10310	82823	85656	
	559	82213	66022	10316	855//	14400	84628	88640	
	462	72112	75016	09017	68531	12504	82822	85650	
	354	62415	81018	08116	48432	11302	81818	83625	
	414	72613	75032	09514	7841/	10232	81817	83625	86645
	360	72218	70035	06617	656/2	11504	86630		
	396	62110	58022	08218	3557/	12003	83620	86360	
	257	81710	62026	04617	6552/	13707	82622	85630	88463
	262	81913	56026	04116	7557/	15605	87625		
	222	72312	75026	03414	6841/	13500	82710	84618	86650
	302	72607	84026	09113	18408	11116	81812	87070	
	334	72513	62212	08214	3557/	11321	83620	87360	
	318	72818	75016	08714	3841/	11242	83815	87464	
	204	72711	82016	07713	48402	10127	83812	83634	87075
	131	73412	84036	07312	785//	09222	82820	87630	
	162	72410	70026	03213	783//	11502	83706	84818	87638
	135	73607	62206	06211	754//	10213	81712	83617	87624
	140	82503	60606	05811	853//	10303	81706	84714	88627
	171	80107	35656	04710	7722/	09709	82704	86706	88509
	091	83605	40636	05410	870//	09614	81701	86703	87712
	005	71905	80022	07211	11482	10806	81812	86362	
	075	71905	82012	05813	2567/	09713	82645	85360	87465
	010	80000	81022	06412	3557/	11703	83625	88360	
	049	82304	75022	05911	854//	09703	88615		
	026	82206	75618	05812	6542/	11602	81711	86642	88459
	022	72012	80608	06112	5547/	11400	81710	85630	87460
	100	72510	88216	06312	38476	10804	81815	86359	87270
	917	62505	86028	06914	68431	10102	84816	83645	
	980	52703	88031	06813	58502	10602	81820	83656	
	976	42014	85018	06615	48500	12706	83820		
	965	62804	85038	08215	585/2	08202	83822	83636	
	969	72308	84258	08314	6343/	10108	82916	86638	
	962	50000	86258	08415	58505	11101	82825	84640	
	952	72013	80808	09315	635/2	13701	83820	85638	81920
	953	42108	86031	08915	32502	11504	83825		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	97161	005	d.d.	d.d.-d.r.
	862	92171	013	r.-d.	d.d.r.
	797	00200	108	+	+
	776	92191	053	+	d.r.-d.d.
	775	00190	039	+	+
	772	97191	024	+	r.
	586	00220	095	+	+
	590				
	497		090		
	502	92161	001	id.d.r.	+
	628	97190	039	r.	+
	715	97180	023	d.-r.	+
	703	97160	010		
	827	91181	025	d.	r.
	817	00191	038	+	+
	804	92181	041	+	ir.
	809	97171	055	id.	pr.ir.
	894	97161	013	+	ir.
	534	97181	008	d.	pr.
	559	97200	018	+	ir.
	462	97190	016	r.	r.
	354	94171	001	d.d-drr.	pr.
	414	97181	001	r.d.	+
	360	97181	001	d.r.d.	+
	396			ir.	+
	257	01181	001	r.r.d.r.	+
	262	02171	000	ir.	ir.
	222	07161	000	rrr.ir.rr.r.r	rir.rr.Rr.pr.
	302	08161	008	ir.drRrr.	+
	334	97171	001	d.	r.
	318	94191	000	rr.d.r.	d.r.Rr.
	204	02151	019	rdrr.	+
	131	05121			
	162	20132	000	rrR	Rr
	135	05121	000	r.r.dd	d.d.pr.
	140	04121	000	rrr.r.d.r.	d.r.ir.
	171	17112	000	rrRdr	drrrRd.r. d.√.
	091	16121	000	r.r.rrdr	rrRir.d.r.
	005	00140	042	+	+
	075	00141	004	+	+
	010	00130			
	049	00141	008	+	+
	026	01131	000	pr.	pr.r.r.ir.
	022	91141	001	pr.	pr.ir.
	100	97141	002	ir.	ir.
	917	02141	014	d.r.d.r.pr.	+
	980	0114	042		
	976	9517	069		
	965	9717	043		
	969	0815	011		
	962	9118	069		
	952	9717	057		
	953	9117	057		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

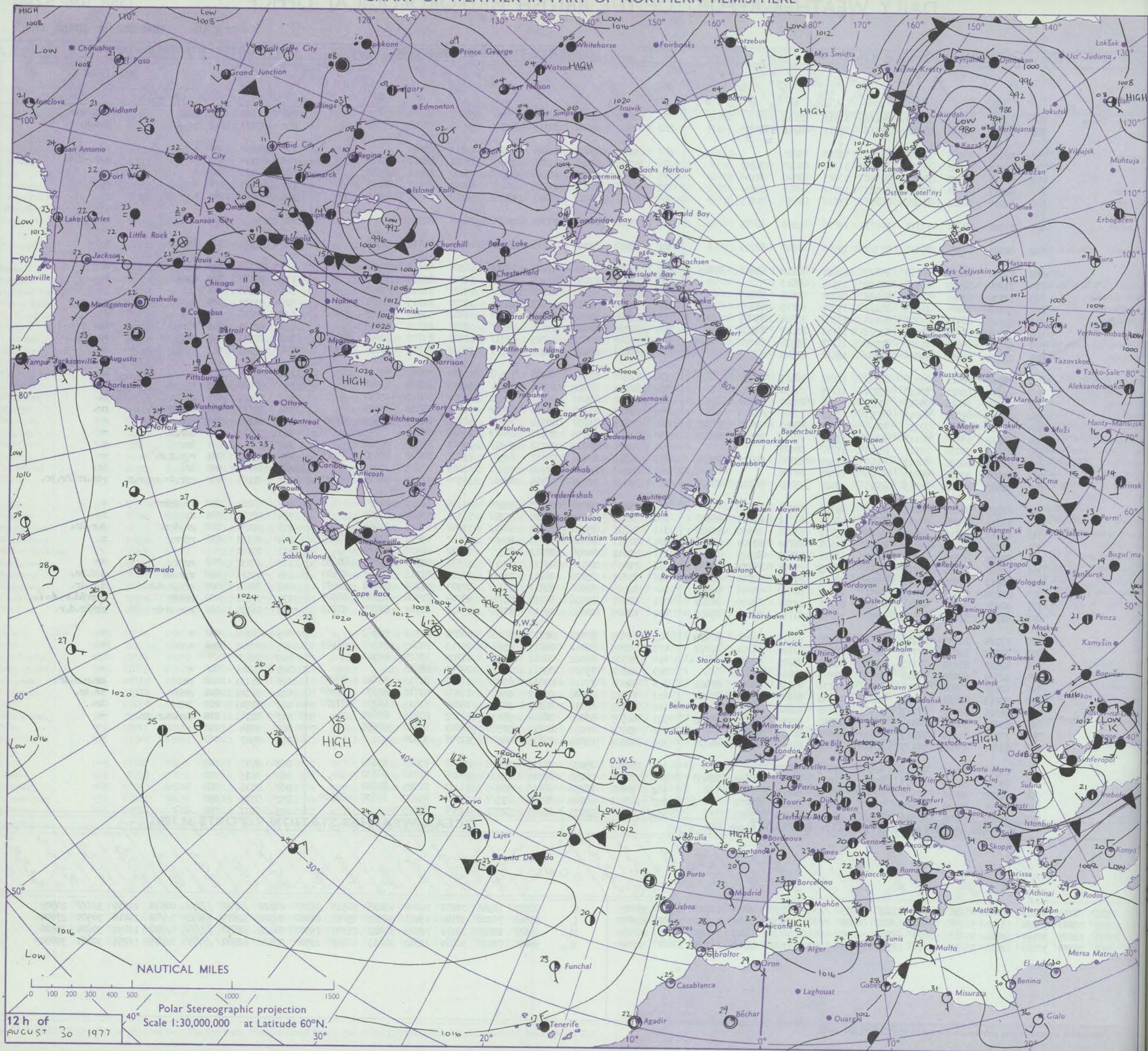
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	30121	81609	96636	02613	8742/	00823	/////	/////	00013	11346	3////	35005
L	99568	70205	30124	53320	97258	03511	53400	00309	81912	84815	0//07	11399	30404	29905
M	99656	10009	30124	62624	98012	96009	68400	51240	81815	86625	0//07	11049	30605	25808
R	99469	70170	30124	62606	98022	12016	22542	71603	82820	83460	0//14	11743	30000	27604

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	30181	92009	92476	96513	9////	00728	/////	/////	00114	11339	3////	20905
L	99568	70204	30184	43415	98021	05011	48400	00302	82815	83618	0//04	11416	30505	27904
M	99657	10020	30184	72520	98022	01909	75500	00125	87630	/////	0//07	11034	30604	25806
R	99470	70169	30184	22812	98011	11117	22500	00502	82820	/////	0//15	11755	30601	30004

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


NAUTICAL MILES
0 100 200 300 400 500 1000 1500
Polar Stereographic projection
Scale 1:30,000,000 at Latitude 60°N.
12 h of AUGUST 30 1977
HIGH
Low
Chihuahua
El Paso
Midland
San Antonio
Dodge City
Fort Worth
Lake Charles
Little Rock
Jackson
Boothville
Montgomery
Nashville
Tampa
Jacksonville
Augusta
Charleston
Pittsburgh
Washington
Norfolk
New York
Boston
Chicago
Detroit
Toronto
Ottawa
Montreal
Columbus
Omaha
Kansas City
St. Louis
Rapid City
Bismarck
Billings
Grand Junction
Salt Lake City
Spokane
Prince George
Calgary
Edmonton
Regina
Winnipeg
Island Falls
Churchill
Nakina
Winisk
Moosonee
Port Harrison
Nottingham Island
Fort Chimo
Nitchequon
Caribou
Anticosti
Gaspe
Sable Island
Bermuda
Stephenville
Gander
Cape Race
Fort Smith
Fort Nelson
Watson Lake
Whitehorse
Fairbanks
Inuvik
Baker Lake
Chesterfield
Coppermine
Sachs Harbour
Cambridge Bay
Resolute Bay
Arctic Bay
Eureka
Alert
Thule
Clyde
Lake Harbour
Frobisher
Lake Dyer
Resolution
Upernavik
Godthab
Frederikshab
Narssarssuaq
Angmagssalik
Kap Tobin
Jan Mayen
Reykjavik
Galtarhamn
Thorshavn
Lerwick
Stornoway
Belmullet
Valentia
Shannon
Manchester
Birmingham
London
Scilly
Brussels
Cherbourg
Paris
Brest
Tours
Dijon
Clermont-Ferrand
Bordeaux
La Coruña
Santander
Porto
Madrid
Lisboa
Barcelona
Mahón
Alicante
Gibraltar
Tenerife
Funchal
Lajes
Ponta Delgada
Corvo
Casablanca
Agadir
Oran
Alger
Tunis
Malta
Benina
Misurata
Gabes
Laghouat
Béchar
Ouargla
El Adem
Gialo
Mersa Matruh
Tripoli
Rodos
Athinai
Larissa
Istanbul
Konya
Ankara
Skopje
Sofija
Bucuresti
Beograd
Zagreb
Klagenfurt
München
Bern
Milano
Venezia
Genova
Ajaccio
Roma
Napoli
Cagliari
Sulina
Satu Mare
Cluj
Oradea
Sinferopol'
Odesa
Lwów
Częstochowa
Berlin
Hamburg
Warszawa
Gdańsk
Kobenhavn
Minsk
Smolensk
Moskva
Penza
Kamyšin
Saratov
Volgograd
Astrahan'
Orsk
Kazan'
Vjatka
Kirov
Arhangel'sk
Murmansk
Tromsø
Bodø
Mo
Trondheim
Myken
Nordøyan
Ona
Oslo
Stockholm
Utsira
Vaasa
Oulu
Oster Sund
Leningrad
Vyborg
Petrozavodsk
Vologda
Kargopol'
Reboly
Santursk
Bugul'ma
Perm'
Obljachovo
Ust'-Cil'ma
Inta
Vorkuta
Amderma
Dikson Ostrov
Mys Čeljuskin
Hatanga
Tura
Erbogačen
Olenek
Ostrov Kotel'nyj
Ostrov Zonov
Verhojansk
Oymjakon
Zyrjanka
Mižnie Krosty
Ust'-Judoma
Lokšak
Čokurdah
Jakutsk
Vilujsk
Muhtuja
Kazačje
Mys Šmidta
Barrow
Kotzebue
Point Barrow
Point Simpson
Point Separation
Point Lay
Wainwright
Barter Island
Aklavik
Fort Yukon
Dawson
Whitehorse
Watson Lake
Fort Nelson
Fort Smith
Yellowknife
Prince George
Edmonton
Calgary
Grande Prairie
Lethbridge
Swift Current
Regina
Rapid City
Billings
Grand Junction
Salt Lake City
Spokane
Winnipeg
Duluth
Minneapolis
Sault Ste. Marie
Thunder Bay
Kapuskasing
Timmins
Sudbury
Toronto
Ottawa
Montreal
Quebec
Fredericton
Moncton
Halifax
Yarmouth
Sydney
Goose Bay
Labrador City
Wabush
Schefferville
Knob Lake
Great Whale River
Port Harrison
Nottingham Island
Cape Dyer
Resolution
Frobisher
Lake Harbour
Arctic Bay
Resolute Bay
Eureka
Alert
Thule
Clyde
Upernavik
Godthab
Frederikshab
Narssarssuaq
Angmagssalik
Kap Tobin
Jan Mayen
Reykjavik
Galtarhamn
Thorshavn
Lerwick
Stornoway
Belmullet
Valentia
Shannon
Manchester
Birmingham
London
Scilly
Brussels
Cherbourg
Paris
Brest
Tours
Dijon
Clermont-Ferrand
Bordeaux
La Coruña
Santander
Porto
Madrid
Lisboa
Barcelona
Mahón
Alicante
Gibraltar
Tenerife
Funchal
Lajes
Ponta Delgada
Corvo
Casablanca
Agadir
Oran
Alger
Tunis
Malta
Benina
Misurata
Gabes
Laghouat
Béchar
Ouargla
El Adem
Gialo
Mersa Matruh
Tripoli
Rodos
Athinai
Larissa
Istanbul
Konya
Ankara
Skopje
Sofija
Bucuresti
Beograd
Zagreb
Klagenfurt
München
Bern
Milano
Venezia
Genova
Ajaccio
Roma
Napoli
Cagliari
Sulina
Satu Mare
Cluj
Oradea
Sinferopol'
Odesa
Lwów
Częstochowa
Berlin
Hamburg
Warszawa
Gdańsk
Kobenhavn
Minsk
Smolensk
Moskva
Penza
Kamyšin
Saratov
Volgograd
Astrahan'
Orsk
Kazan'
Vjatka
Kirov
Arhangel'sk
Murmansk
Tromsø
Bodø

18h of 30TH AUGUST 1977

00h of 31ST AUGUST 1977

06h of 31ST AUGUST 1977

Polar Stereographic Projection
Statute miles at 55°N
200 400 600
Scale is 1:20,000,000 at 60°N.

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 31 AUGUST

A low has moved from the Irish Sea to near southern Norway and deepened a little while a shallow frontal wave has moved northeast into the Southwest Approaches. A low has been slow-moving and filling southeast of Iceland. A deepening Atlantic depression has continued moving eastwards. During the next 24 hours the Atlantic low will become the dominant feature. It will continue a steady eastwards progress towards western Scotland and deepen further. Associated fronts will affect western areas of the British Isles later preceded by strengthening winds.

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

Code FM 11.V

OBSERVATIONS at 00h. 31 AUGUST 1977

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	71803	70606	12413	6557/	12500	86622	87360	
Hurn	862	71502	70035	12714	60932	14101	86362		
Manston	797	82009	80032	13215	854//	13002	86612	88630	
Gatwick	776	82004	58036	13214	852//	14202	84705	88650	
Kew	775								
Heathrow	772	81805	68026	12415	6557/	14203	86622	88359	
Honington	586	72106	65022	11814	1567/	11209	81635	87360	
Wattisham	590								
Gorleston	497	72008	62032	12016	757//	13306	87650		
Aberporth	502	61810	80032	11411	60911	10001	86464		
Filton	628	81803	70582	12213	5562/	12303	85645	88460	
Rhoose	715	83302	84602	12013	884//	11301	81814	88650	
Hartland Point	703	81805	66606	12212	3542/	12101	81710	83635	88460
Mount Batten	827	81302	70616	12214	1742/	13002	81715	88461	
St. Mawgan	817	81203	70616	12113	8092/	12000	88460		
Scilly	804	80000	80026	11413	3562/	12802	83630	88458	
Culdrose	809	80905	62616	11713	855//	12705	88620		
Guernsey	894	81909	62216	13415	853//	14500	83708	88617	
Elmdon	534	72403	75022	11812	7097/	10107	81359	87362	
Cardington	559	72206	64606	12414	756//	13208	87641		
Wittering	462	72606	75012	11813	7097/	10110	87360		
Watnall	354	72406	68022	11812	757//	10214	87656		
Shawbury	414	71804	75012	10712	756//	10502	81640	87656	
Finningley	360	72006	64022	10512	2577/	10109	82656	87360	
Spurn Point	396	72411	65032	10714	7097/	11213	87360		
Leeming	257	72509	82022	09312	2573/	08117	82650	87362	
Tynemouth	262	52805	82012	08212	55500	10332	85625		
Carlisle	222	72402	70028	08811	25408	10114	81715	87273	
Valley	302	72216	80022	09814	15678	12804	81630	86360	87270
Ringway	334	71706	70022	10811	1553/	09108	81625	87360	
Squires Gate	318	82513	80012	09714	11407	12003	81818	88272	
Ronaldsway	204	72903	82022	09112	35608	11400	83634	87275	
Mull of Galloway	131	42305	83011	09011	18570	10104	81825	84460	
Eskdalemuir	162	72206	65205	08509	784//	09112	81712	87622	
Prestwick	135	32607	70018	08210	18441	09108	81714	83080	
Abbotsinch	140	52407	70026	07809	18431	08210	81712	85075	
Leuchars	171	82105	80026	06710	855//	09208	83625	88635	
Dyce	091	82907	60106	05910	852//	09303	81704	86630	88640
Lerwick	005	72604	80022	05509	7097/	09710	87360		
Wick	075	72705	75616	05510	4547/	09804	82710	84642	85359
Sule Skerry	010	82007	81216	05311	2557/	11709	82620	88360	
Cape Wrath	049	82306	81022	05111	3553/	09708	83620	88360	
Stornoway	026	22012	80016	04711	20930	10706	82364		
Benbecula	022	71710	84036	04911	754//	10807	82710	87618	
Tiree	100	51915	86012	06112	25531	11706	82625		
Aldergrove	917	11607	75011	08310	15630	09802	81630		
Malin	980	11913	86011	07011	15600	09706	81648		
Belmullet	976	72210	81258	06713	735//	12602	84821	84640	81921
Birr	965	71703	80032	09012	756//	11001	87636		
Dublin	969	72602	70031	09112	756//	10001	87640		
Shannon	962	11402	62101	08912	15600	11704	81630		
Roches Point	952	60000	75028	09512	18402	12501	81818	86072	
Valentia	953	70000	84022	08812	785//	11804	82823	87640	

OBSERVATIONS at 06h. 31 AUGUST 1977

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	80804	45635	11512	851//	12502	86702	88614	
862	80504	40636	11513	7532/	13201	85706	85640	88540
797	71405	65022	12715	45478	14301	81710	84640	86359
776	81604	56206	12115	7537/	14501	82707	84618	86640
775	80000	25636	12314	872//	13503	84704	88708	
772	83302	28585	11814	872//	13502	83705	88708	
586	71202	57032	12213	6563/	12303	86640	87360	
590								
497	72403	58022	12914	7097/	12107	87358		
502	71812	80032	10711	16478	10301	81710	87270	
628	80902	60586	11613	7542/	12303	82710	83640	87656
715	81801	82216	11113	1532/	11301	81708	88460	
703	71808	86016	11212	5531/	11502	81706	85630	87460
827	81305	68216	10913	7547/	12503	81715	87618	
817	81102	65028	10713	6537/	12605	83706	85613	88460
804	80000	80022	10313	1562/	12704	81630	88460	
809	80000	70026	10613	852//	12400	82704	83708	88645
894	72209	62026	12115	7543/	14302	81818	87645	
534	80000	60616	12011	8087/	10305	81357	88461	
559	81702	57616	12213	3567/	13500	81630	83645	88359
462	80000	62606	12111	855//	11500	82628	88650	
354	82102	37616	12111	1142/	10303	81812	88460	
414	71502	80022	11111	2567/	10303	82645	85358	87459
360	71803	62022	11311	10548	10204	81360	87270	
396	72106	62012	12213	3567/	10306	83630	87360	
257	71905	65022	10612	3563/	10307	83636	87360	
262	72302	82022	10510	00906	09316	87275		
222	70802	81021	09407	68542	07205	81822	86625	
302	72014	60802	10014	6847/	12303	81710	84816	86630
334	81605	70022	11011	15677	10303	81640	88270	
318	81608	60022	10411	28437	10305	82817	83360	88272
204	70000	68021	09211	782//	11303	82704	83650	87656
131	72106	86031	08912	756//	12303	87630		
162	90000	02474	10405	9////	04209	89//		
135	21306	80010	08508	25531	07003	81625		
140	72203	50044	08308	763//	07105	81709	86712	
171	12310	70021	08407	15302	07314	81709		
091	10000	80111	07207	15602	06310	81640		
005	52305	80012	04709	25332	09302	81706	84360	
075	11806	89026	05209	15632	08501	81640		
010	51710	89031	04011	45530	10606	84625		
049	72312	82031	03012	55531	07707	85620		
026	72020	62808	02612	783//	11710	81708	84815	85620
022	72610	75256	03612	783//	11500	81708	83815	86625
100	72212	62808	05712	782//	11304	82704	84815	87635
917	61706	75031	08509	683//	08304	81706	85650	
980	51915	86031	06911	584//	09303	81714	83820	
976	72902	81028	07211	784//	09206	81716	87640	
965	61604	80031	09208	656//	07306	86636		
969	22705	82011	09311	25600	10305	82640		
962	71304	82028	09111	755//	10205	82625	86650	
952	10000	02464	09411	13400	11304	81918		
953	50000	84028	09211	52400	10306	81712	84822	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	05121	12	ir.r.[illegible]r.r.	d.r.rrr.r.
862	09131	13	r.R	d.r.Rrr
797	00140	13	+	+
776	01141	13	d.r.d.d.	d.-d.r.dr
775	03141	12	d.	r.rrRrd.d.
772	04141	13	r.	d.dd-DR-d.r.
586	97121	09	+	d.-d.r.-r.
590				
497				
502	00111	09	+	+
628	02121	10	d.r.d.r.	drd.r.d.r.rr.
715	02121	10	r.r.rr.	r.rr.r.ir.
703	95122	11		
827	05121	12	r.r.r	r.r.ir.
817	01121	11	r.r.	d.
804	92121	09	ir.	+
809	05122	12	r.	ir.rr
894	97151	13	ir.	ir.
534	01111	09	r.	r.r.
559	06121	10	ir.	r.r.rr
462	02111	09	+	r.r.r
354	01111	09	+	r.r.
414	00081	06	+	+
360	97101	08	+	d.r.
396			+	ir.
257	97111	08	+	r.
262	00101	06	+	+
222	00071	03	+	+
302	96141	12	+	pr.
334	00101	09	+	+
318	00111	09	+	+
204	00070	05	+	+
131	95010			
162	93041	02	d.1d.	fff
135	00051	01	+	+
140	00051	00	+	+
171	91071	05	d.r.d.r.	+
091	92071	03	d.r.	+
005	00081	06	+	+
075	91071	04	ir.r.r.	+
010	97090	11		
049				
026	02111	09	r.	prpr.
022	02101	07	pr.	Rpr.
100	01101	11	+	pr.pr
917	00071	02	+	+
980	9709	06		
976	9511	09		
965	9707	03		
969	9711	06		
962	9709	09		
952	9711	07		
953	9710	08		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG i_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31001	82715	96026	95313	3747/	00310	/////	/////	00013	11335	3//06	/////
L	99568	70203	31004	53211	98011	05710	35531	00706	81820	83645	0//06	11409	30503	27905
M	99658	10021	31004	72706	97018	03909	78400	00001	82816	87620	0//08	11030	30402	25805
R	99468	70169	31004	53010	98031	12715	58500	00105	82820	84633	0//13	11705	30000	30004

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG i_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31061	82818	98026	97011	885//	00111	/////	/////	05308	11329	3//09	/////
L	99567	70203	31064	71907	98151	02210	6857/	00718	82820	86640	0//06	11409	30100	99/05
M	99658	10020	31064	61608	98018	04109	68401	00000	82810	86650	0//09	11026	30301	99/05
R	99468	70167	31064	12604	98031	12314	18500	00400	81820	/////	0//12	11704	30000	30004

RATES OF SUBSCRIPTION Can be obtained from The Secretary, Meteorological Office, Met O 18c (DWR), London Road, Bracknell, Berks. RG12 2SZ.

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