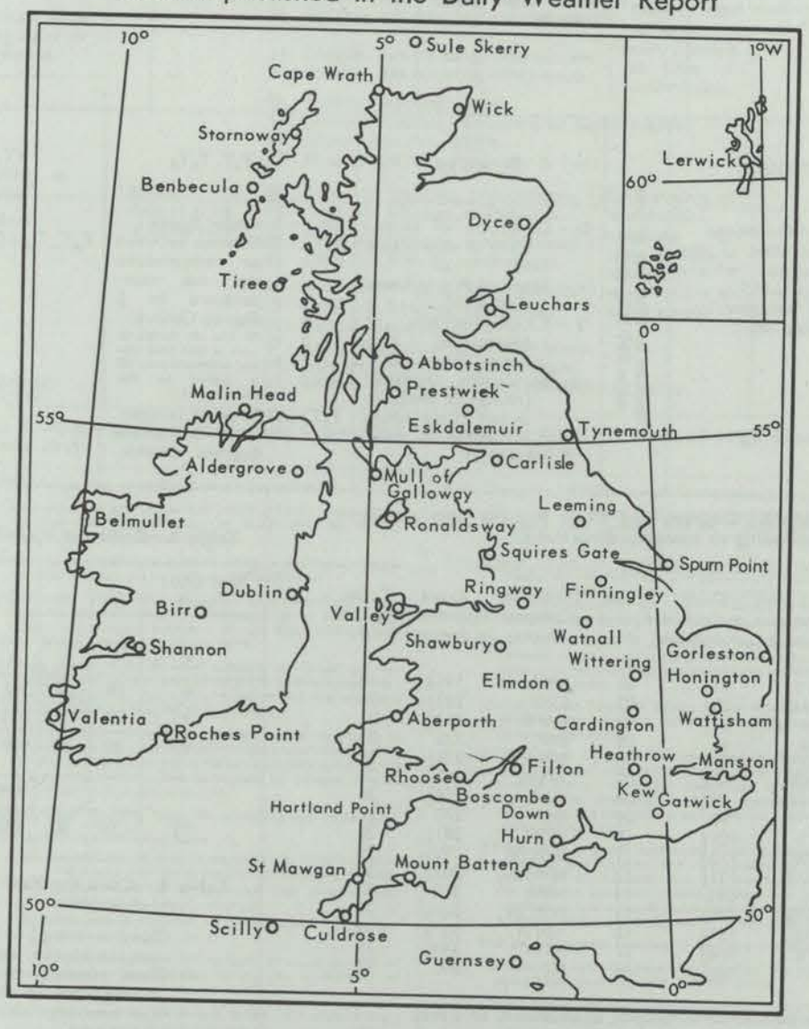
THE DAILY WEATHER REPORT

(INTRODUCTION)

80

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 sss RRT_nT_nE T_gT_g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius. *Note.*—In reports from ocean weather stations (FM 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 11 V 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. (Characteristic change of the state of the sky during the past hour.)
	01	Clouds generally dissolving or becoming less developed. (Characteristic change of the state of the sky during the past hour.)
	02	State of sky on the whole unchanged. (Characteristic change of the state of the sky during the past hour.)
	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. (Fog not deeper than about 2 metres on land or 10 metres at sea.)
	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. (at or within sight of the station during the preceding hour or at the time of observation.)
	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. (Not falling as shower(s).)
	21	Rain (not freezing). (Not falling as shower(s).)
	22	Snow. (Not falling as shower(s).)
	23	Rain and snow or ice pellets type (a). (Not falling as shower(s).)
	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. (generally low.)
	37	Heavy drifting snow. (generally low.)
	38	Slight or moderate blowing snow. (generally high.)
	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. (has become thinner during the preceding hour.)
	43	Fog or ice fog, sky not discernible. (has become thinner during the preceding hour.)
	44	Fog or ice fog, sky discernible. (no appreciable change during the preceding hour.)
	45	Fog or ice fog, sky not discernible. (no appreciable change during the preceding hour.)
	46	Fog or ice fog, sky discernible. (has begun, or has become thicker during the preceding hour.)
	47	Fog or ice fog, sky not discernible. (has begun, or has become thicker during the preceding hour.)
	48	Fog, depositing rime, sky discernible.
	49	Fog, depositing rime, sky not discernible.
50–59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent. (slight at time of observation.)
	51	Drizzle, not freezing, continuous. (slight at time of observation.)
	52	Drizzle, not freezing, intermittent. (moderate at time of observation.)
	53	Drizzle, not freezing, continuous. (moderate at time of observation.)
	54	Drizzle, not freezing, intermittent. (heavy (dense) at time of observation.)
	55	Drizzle, not freezing, continuous. (heavy (dense) at time of observation.)
	56	Drizzle, freezing, slight.
	57	Drizzle, freezing, moderate or heavy (dense).
	58	Drizzle and rain, slight.
	59	Drizzle and rain, moderate or heavy.
60–69 Rain at time of observation.	60	Rain, not freezing, intermittent. (slight at time of observation.)
	61	Rain, not freezing, continuous. (slight at time of observation.)
	62	Rain, not freezing, intermittent. (moderate at time of observation.)
	63	Rain, not freezing, continuous. (moderate at time of observation.)
	64	Rain, not freezing, intermittent. (heavy at time of observation.)
	65	Rain, not freezing, continuous. (heavy at time of observation.)
	66	Rain, freezing, slight.
	67	Rain, freezing, moderate or heavy.
	68	Rain or drizzle, and snow, slight.
	69	Rain or drizzle and snow, moderate or heavy.
70–79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes. (slight at time of observation.)
	71	Continuous fall of snow flakes. (slight at time of observation.)
	72	Intermittent fall of snow flakes. (moderate at time of observation.)
	73	Continuous fall of snow flakes. (moderate at time of observation.)
	74	Intermittent fall of snow flakes. (heavy at time of observation.)
	75	Continuous fall of snow flakes. (heavy at time of observation.)
	76	Ice prisms (with or without fog).
	77	Snow grains (with or without fog).
	78	Isolated starlike snow crystals (with or without fog).
	79	Ice pellets type (a).
80–90 Showery precipitation	80	Rain shower(s), slight.
	81	Rain shower(s), moderate or heavy.
	82	Rain shower(s), violent.
	83	Shower(s) of rain and snow, slight.
	84	Shower(s) of rain and snow, moderate or heavy.
	85	Snow shower(s), slight.
	86	Snow shower(s), moderate or heavy.
	87	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. (slight)
	88	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. (moderate or heavy.)
	89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. (slight.)
	90	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. (moderate or heavy.)
91–99 Precipitation with current or recent thunderstorm	91	Slight rain at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	92	Moderate or heavy rain at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	93	Slight snow, rain and snow mixed, or hail* at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	94	Moderate or heavy snow, rain and snow mixed or hail* at time of observation. (thunderstorm during the preceding hour, but not at time of observation.)
	95	Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation. (thunderstorm during the preceding hour, but not 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. (thunderstorm at time of observation.)
	98	Thunderstorm combined with duststorm or sandstorm at time of observation. (thunderstorm 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		

H M S O Press, Bracknell, Berks.

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 261

MONTHLY SUMMARY

CHANGEABLE; OFTEN RATHER DRY

For SEPTEMBER 1977

From the 1st to the 12th frontal systems and intervening ridges from the Atlantic repeatedly crossed most parts of the British Isles. Towards the end of this period an anticyclone developed over the middle of the North Atlantic and drifted eastwards. By the 13th the anticyclone had become established over central and southern districts of the British Isles although weak fronts continued to influence the weather over northern Scotland. The main centre of high pressure transferred to the north of the British Isles on the 15th but thereafter it remained almost stationary until the 22nd. On the 23rd the anticyclone drifted away to the east and during the last week frontal systems from the Atlantic crossed many districts from time to time.

During most of the first two weeks winds were mostly southwesterly and there were gales at times in exposed western and northern districts. Showers or outbreaks of rain were occasionally heavy but were interspersed with clear or sunny periods. Fog patches developed at times overnight but soon dispersed after dawn. Few thunderstorms occurred during this period but on the 8th an area of heavy showers and scattered thunderstorms moved southeastwards over Wales and northern England during the afternoon and over the Midlands, East Anglia and southern England during the evening. Towards mid-month the weather became mostly dry. Significant rainfall was confined to northern and western Scotland while elsewhere and especially in eastern, central and southern districts there were long clear or sunny periods and overnight fog patches. From the 15th to the 22nd, winds blew mostly from points between north and east and were strong at times in eastern England. Except for occasional rain in northern and eastern districts the weather was dry generally. It was also mostly cold and cloudy, although there were clear or sunny periods and some more sheltered places had a few warm days. For example, at Tummel Bridge (Tayside) the temperature rose to 21°C (70°F) on the 18th. Air frost occurred overnight in Scotland and Northern Ireland at times and ground frost was reported fairly frequently in Scotland but only occasionally in England and Northern Ireland. With the approach of a deep depression from the Atlantic on the 23rd, winds veered to the southeast and increased to strong to gale in places. These winds were gradually replaced from the west by less boisterous southwesterlies during the following two days. However, by 28th, the winds had veered and increased again and during the last few days of the month, fresh or strong westerly winds blew almost everywhere and there were gales at times especially in exposed places in the west and north. During the last week the weather was changeable over the whole of the British Isles but heavy rainfall was confined mainly to northern districts. Showers were heavy on the 25th and there were occasional thunderstorms over England. On the 28th showers were heavy and squally in Scotland and were accompanied by hail at times.

In most districts mean monthly temperatures ranged from about 0.5°C to 1°C below the long term average.

Rainfall totals of up to about 30 per cent above average were recorded in parts of northern and northwestern Scotland but in all other districts rainfall was below average. The percentage was often below 50 in England and Wales and in scattered parts of central and eastern England monthly rainfall was less the one quarter of average.

Sunshine totals were near to or a little above average in the Western and Northern Isles of Scotland, in southwestern England and the Channel Islands. Elsewhere they were rather below average, percentages ranging from about 75 to 95.

PLACE	TEMPERATURE										SUNSHINE										RAINFALL												
																Highest and lowest totals on record for month										Highest and lowest totals on record for month							
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% of average	First year of record	Highest hrs.	Year	Lowest hrs.	Year	Days of no rainfall (0·1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or rain and snow	Days with fog (Vis. < 200 metres at 09 h.)
Kew Thorney Island	17.6	-0.9	09.6	-0.7	21.7	15	03.2	14	07	00	02	11.1	03	127	089	1880	224	1911	064	1945	21	07	02	013	025	1866	145	1918	03	1959	01	00	00
Cardington	18.0	-0.9	09.2	+0.1	23.3	11	02.1	13	03	00	04	11.6	03	123	090	1949	192	1964	097	1967	19	05	02	014	030	1947	090	1960	01	1959	01	00	00
Boscombe Down	16.8	-1.3	09.3	-0.4	20.8	(a)	04.2	14	02	00	04	11.5	09	118	087	1932	241	1959	071	1945	19	07	01	024	037	1931	165	1974	03	1959	00	00	00
Rhoose	16.3	-1.7	10.5	-0.2	18.8	(b)	05.5	(c)	01	00	06	11.7	03	124	093	1954	249	1959	074	1956	18	08	01	038	043	1954	223	1974	14	1959	00	00	00
Mount Batten	16.8	-0.7	10.9	-0.7	19.6	(d)	05.5	04	00	00	05	12.1	03	154	103	1921	265	1959	079	1956	20	14	24	046	053	1921	181	1974	00	1959	01	00	00
Elmdon	16.7	-1.0	09.5	+0.4	21.9	11	02.9	13	01	00	04	11.6	03	109	087	1945	185	1964	066	1945	22	03	30	012	021	1940	125	1976	03	1959	01	00	00
Valley	15.9	-1.0	11.4	+0.2	18.3	06	04.4	19	00	00	09	11.0	03	113	083	1946	214	1949	096	1948	15	10	24	047	053	1941	174	1950	21	1959	00	00	00
Ringway	15.8	-1.5	10.1	+0.1	21.5	11	05.2	09	00	00	06	10.9	18	098	082	1945	197	1959	069	1948	18	22	30	064	084	1942	171	1965	05	1959	01	00	00
Watnall	16.7	-0.9	09.6	+0.1	22.7	15	05.3	13	00	00	05	11.0	03	103	089	1948	165	1959	082	1972	22	23	25	043	072	1941	147	1957	02	1959	01	00	00
Finningley	17.6	-0.7	09.3	-0.5	24.5	11	04.0	08	01	00	03	12.0	03	107	086	1958	167	1964	076	1972	19	02	(a)	013	027	1958	130	1976	00	1959	01	00	00
Tynemouth	16.1	+0.2	10.2	-0.4	22.1	06	04.9	13	00	00	07	11.8	03	092	076	1936	174	1963	065	1976	21	08	25	016	029	1864	154	1944	05	1909	00	00	00
Eskdalemuir	13.5	-1.4	07.6	+0.3	18.0	15	00.7	07	05	00	09	11.4	18	080	082	1911	153	(a)	055	1946	12	37	27	212	140	1911	308	1950	18	1972	02	00	00
Abbotsinch	15.1	-1.2	08.4	-0.7	18.7	15	00.7	17	07	00	03	10.0	18	103	097	1921	152	1928	068	1965	13	21	29	136	131	1921	208	1950	11	1972	00	00	00
Leuchars	15.1	-1.1	08.2	-0.7	22.2	14	00.6	16	02	00	06	10.2	18	113	087	1922	179	1942	077	1956	14	19	27	046	079	1922	149	1950	05	1972	00	00	00
Dyce	14.4	-1.1	07.9	-0.1	20.2	14	03.2	13	01	00	09	10.0	03	102	086	1941	170	1959	070	1968	15	14	05	063	094	1942	173	1976	15	1959	00	00	00
Stornoway	12.9	-1.5	07.9	-0.9	15.7	25	03.3	09	02	00	05	11.2	19	134	126	1880	175	1903	070	1965	11	15	27	119	112	1943	182	1948	34	1968	00	00	00
Aldergrove	15.2	-0.8	08.6	-0.7	19.4	11	01.4	19	05	00	06	10.6	12	098	094	1927	175	1933	070	1962	11	12	27	054	061	1927	152	1950	10	1972	00	00	00

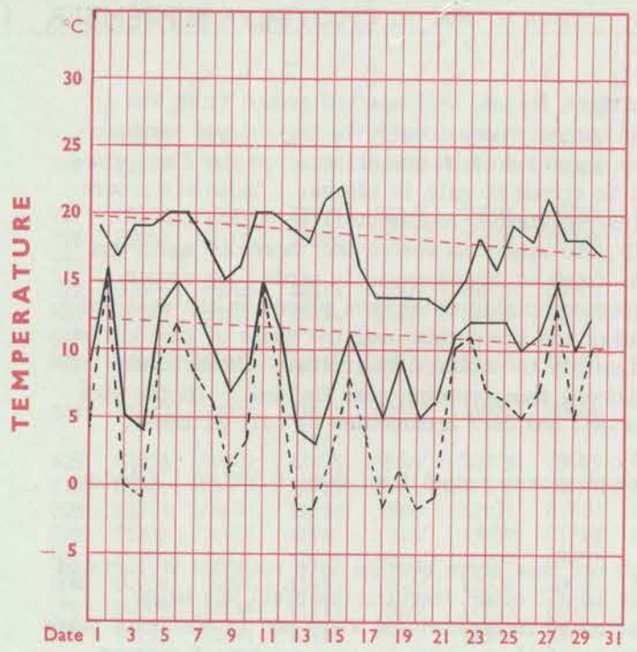
(a) 05, 11 (c) 09, 17
(b) 04, 06 (d) 12, 15

(a) 1933, 1959

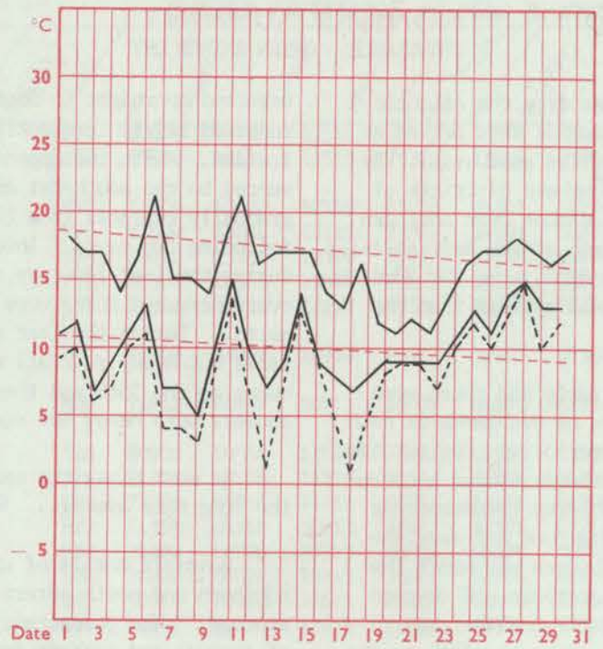
(a) 08, 25

Correction to MONTHLY SUMMARY No.260 for AUGUST 1977
KEW:- Lowest minimum delete * and footnote (New lowest)

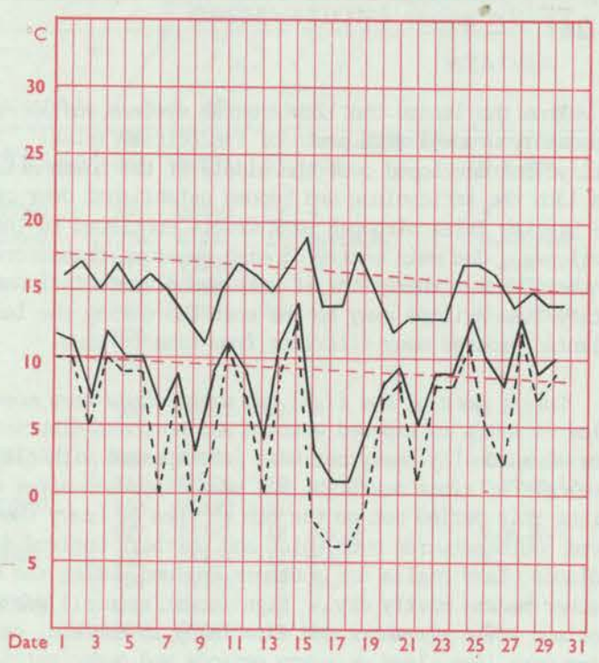
LONDON (Kew)



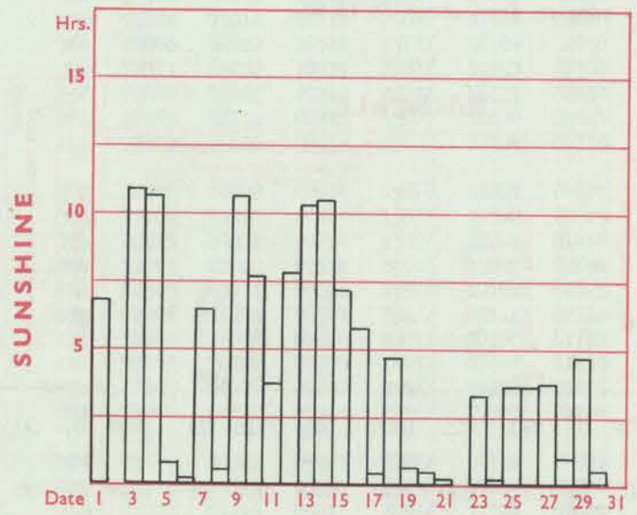
MANCHESTER (Ringway)



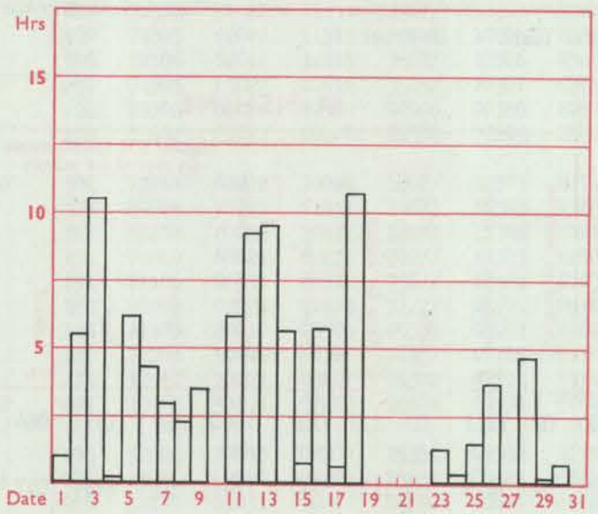
GLASGOW (Abbotsinch)



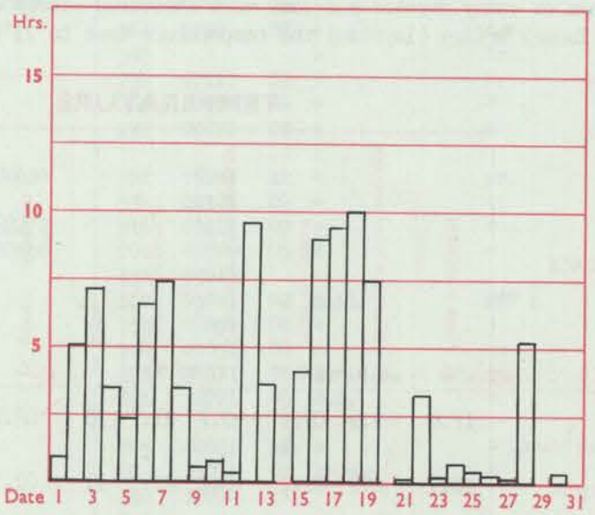
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)
Normals for Kew are based on North Wall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



Total for month 127 30-year (1941-1970) average 143 hrs.

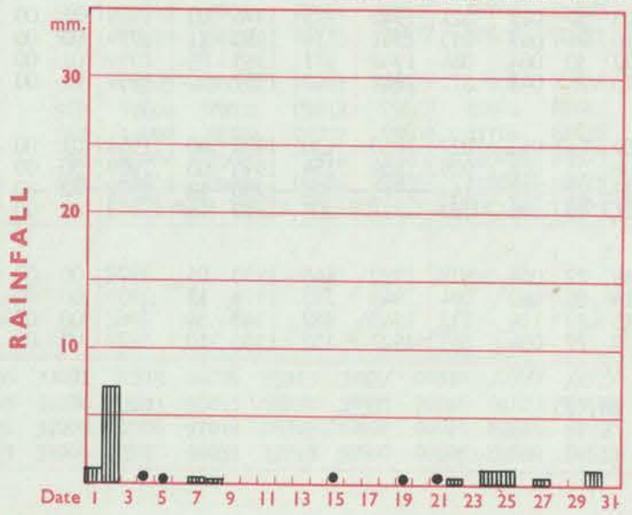


Total for month 98 30-year (1941-1970) average 119 hrs.

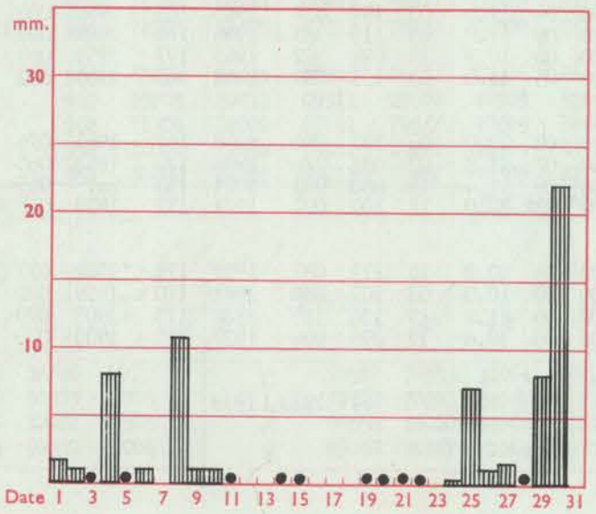


Total for month 103 30-year (1941-1970) average 106 hrs.

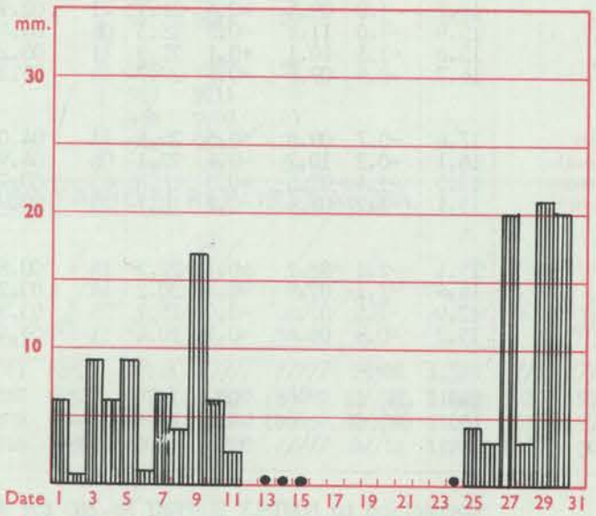
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 13 30-year (1941-1970) average 52 mm.



Total for month 64 30-year (1941-1970) average 76 mm.



Total for month 136 30-year (1941-1970) average 104 mm.

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE ISSN 0307-2541

42287

Date of Issue THURSDAY 1 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 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	71612	70216	11317	48412	14705	83810	87072	
Hurn	862	72312	80016	12017	5557/	13400	83820	87359	
Manston	797	72013	65022	13019	3847/	12601	81818	87360	
Gatwick	776	81807	56636	12916	4542/	14801	82711	83618	88556
Kew	775	80000	60626	13115	5742/	13000	82710	85718	88540
Heathrow	772	81401	38655	12715	854//	14000	82710	85616	88635
Honington	586	83008	20046	12415	854//	15604	83711	86618	88628
Wattisham	590								
Gorleston	497	81105	58606	13516	857//	14803	88650		
Aberporth	502	72106	86031	11616	785//	11101	87820		
Filton	628	80703	80036	12115	885//	13502	87820		
Rhoose	715	61506	72016	11916	2847/	12400	82818	83359	86362
Hartland Point	703	50000	86028	12115	3243/	13500	82710	83820	
Mount Batten	827	72108	75016	12316	4833/	14303	81708	84818	86358
St. Mawgan	817	61608	80025	11916	68400	14303	81710	83819	
Scilly	804	20000	81031	12118	12641	14207	81830		
Culdrose	809	60908	70808	11617	53430	14306	82916	83820	
Guernsey	894	82505	50606	12916	7621/	15102	84705	85710	85620
Elmdon	534	81405	66606	12614	6831/	12503	83706	84811	88462
Cardington	559	80504	60216	13014	6542/	14702	85715	86640	88459
Wittering	462	81005	56616	13313	6722/	12601	82705	86706	88556
Watnall	354	81605	65606	12815	4131/	12702	84809	88462	
Shawbury	414	62005	80012	11617	58432	11805	81818	84825	85070
Finningley	360	81807	68216	12615	2242/	11501	82818	88460	
Spurn Point	396	81710	60606	13519	4552/	12000	84620	88460	
Leeming	257	71712	75036	11417	685/8	11504	85826	85645	87272
Tynemouth	262	72006	61022	11315	3567/	11103	83630	87358	
Carlisle	222	71907	65808	10015	784//	14801	82710	84818	87640
Valley	302	32013	81018	11217	38430	14204	81814		
Ringway	334	61608	72012	11517	12532	10705	81825	85070	
Squires Gate	318	71909	75022	11417	49532	13500	81920	83640	
Ronaldsway	204	42111	81031	10216	49402	13205	81710	81918	
Mull of Galloway	131	12113	80018	09816	18500	13102	81825		
Eskdalemuir	162	71707	75808	09914	784//	11500	82717	86828	
Prestwick	135	52507	82021	09315	58430	10203	81816	83820	
Abbotsinch	140	42310	81011	08817	48500	10301	83828		
Leuchars	171	61909	75031	09017	4253/	09201	84822	83360	
Dyce	091	21912	89020	07617	21542	09500	82827		
Lerwick	005	31716	75011	05314	28431	11400	81818	83360	
Wick	075	41916	82011	05715	38530	10206	81822	83360	
Sule Skerry	010	61410	81012	04614	685//	12308	84820	86625	
Cape Wrath	049	42712	84018	04812	32531	10214	83820	83360	
Stornoway	026	62512	84038	05215	685//	09110	86820		
Benbecula	022	22212	84028	06514	22530	10209	82820		
Tiree	100	62512	84028	07614	684//	10211	83818	85656	
Aldergrove	917	72508	82031	09016	784//	11003	82818	86650	
Malin	980	72609	84018	08315	785//	11206	82820	87647	
Belmullet	976	72110	85031	08515	685/5	09104	83821	86642	
Birr	965	72506	84031	09616	785//	11201	85822	86636	
Dublin	969	62009	84011	09618	685//	10102	84824	84640	
Shannon	962	72706	84021	09617	785//	11202	83825	86645	
Roches Point	952	51609	81034	10216	53402	14301	85818	81918	
Valentia	953	52705	84011	10116	32502	10104	83822	83070	

OBSERVATIONS at 18h. 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	72008	84158	13115	794/2	11206	81912	84630	
Hurn	862	61706	78012	13516	48572	14206	81827	84657	85360
Manston	797	72007	57212	13715	3577/	14007	83656	87358	
Gatwick	776	72007	56046	13516	11438	14001	81815	84360	86270
Kew	775	72008	60256	13417	5843/	13301	83815	84656	86360
Heathrow	772	71908	68256	13017	48432	13002	82818	83656	85362
Honington	586	82202	57606	12915	4537/	14103	81706	84656	88360
Wattisham	590								
Gorleston	497	82605	56216	13715	855//	13209	88620		
Aberporth	502	32109	86018	12016	28501	11400	81820		
Filton	628	22203	70021	12517	28600	13201	82830		
Rhoose	715	22405	80031	12217	28530	12500	81825		
Hartland Point	703	52705	88021	12915	22501	14101	82820	85075	
Mount Batten	827	12206	68021	13316	18500	14302	81820		
St. Mawgan	817	22705	89028	13116	12405	11202	81815		
Scilly	804	42105	80030	13216	11505	13000	81820	84075	
Culdrose	809	22410	82018	13216	12502	13305	81820		
Guernsey	894	12006	61016	14015	12501	14105	81820		
Elmdon	534	21603	70016	12416	12531	11801	81824		
Cardington	559	80705	56606	12815	6547/	15803	82712	85625	88359
Wittering	462	71302	68016	13114	755//	13000	82628	87650	
Watnall	354	11303	75016	12615	18441	12602	81815		
Shawbury	414	61906	81032	11717	68630	12500	82832	85656	
Finningley	360	21605	68021	12216	12541	12702	81825		
Spurn Point	396	31306	72016	13715	15571	12301	81620	83360	
Leeming	257	51507	60012	11317	58600	11801	81835	85657	
Tynemouth	262	70000	61028	11515	756//	13703	87630		
Carlisle	222	72207	82018	10516	785//	12302	81825	86657	
Valley	302	32015	84030	11215	18435	13801	81815	83072	
Ringway	334	31505	68011	11317	38600	12802	81830	83650	
Squires Gate	318	22102	75018	11017	28501	12706	81822		
Ronaldsway	204	61912	82031	10215	55232	13604	81705	84656	
Mull of Galloway	131	62122	75012	09214	58332	12804	81706	84630	
Eskdalemuir	162	71810	84028	10313	785//	11205	83824	86656	
Prestwick	135	62012	82258	08915	685//	11601	81825	86656	
Abbotsinch	140	72408	80801	08715	5853/	10400	83826	84645	85360
Leuchars	171	71808	75038	08916	786//	10500	83830	87650	
Dyce	091	71711	80021	08215	785//	10203	81820	87650	
Lerwick	005	52313	80146	06811	39283	11212	82705	81915	83358
Wick	075	73214	86808	07113	4847/	11304	82818	84645	87360
Sule Skerry	010	62005	86151	06512	685//	10204	82820	86625	
Cape Wrath	049	42306	84011	06113	32531	10202	83820		
Stornoway	026	52210	82018	05912	38402	11802	82818	85070	
Benbecula	022	61910	86031	06513	12506	09703	81820	86075	
Tiree	100	62010	87031	07313	38532	10705	81825	83635	85072
Aldergrove	917	71909	81028	08216	58531	11604	82822	85645	85362
Malin	980	71009	84258	07414	28538	10807	81822	87270	
Belmullet	976	71916	85032	06814	4853/	08714	82821	83642	85359
Birr	965	72003	82012	08417	18502	11808	81820	87070	
Dublin	969	71506	84022	08618	585/2	12707	84825	85070	
Shannon	962	72503	86022	08816	48634	09801	82830	83645	85075
Roches Point	952	72012	82011	10215	18478	12500	81818	86462	
Valentia	953	71912	84022	09215	2257/	12709	82825	87360	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92181	013	r.r.	pr.
Hurn	862	00181	005	+	jp
Manston	797	93191	018	+	ir.-r.r.
Gatwick	776	02171	001	d.r.rr.	r.r
Kew	775	07171	001	d.rRr.	pr.
Heathrow	772	07181	001	DRr.r.R	pr.
Honington	586	01171	000	r.d.-d.r.rR	r.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	91171	048	pr.	pr.
Filton	628	91191	048	r.r.	+
Rhoose	715	97190	063	ir.	+
Hartland Point	703	00180	074		
Mount Batten	827	95181	052	r.r.	+
St. Mawgan	817	97171	072	pr.	+
Scilly	804	00180	104	+	+
Culdrose	809	91180	071	pr.	+
Guernsey	894	97171	033	ir.r.r.	+
Elmdon	534	96171	035	r.r.rr.r.ir.	+
Cardington	559	05161	000	rrr.r.	r.Rr.r.
Wittering	462	03151	000	rrr.r.	r.r.
Watnall	354	95171	027	r.r.ir.	+
Shawbury	414	00190	035	+	+
Finningley	360	97181	030	d.r.ir.	+
Spurn Point	396			ir.	+
Leeming	257	00191	009	+	+
Tynemouth	262	04161	021	pr	+
Carlisle	222	01181	044	prpr.	+
Valley	302	97181	082	pr.	+
Ringway	334	00191	056	+	+
Squires Gate	318	97190	044	jp	pr.
Ronaldsway	204	00171	084	+	+
Mull of Galloway	131	00171			
Eskdalemuir	162	03171	036	pr.pr	pr.
Prestwick	135	97181	048	+	pr.
Abbotsinch	140	97181	073	+	pr.
Leuchars	171	97181	078	pr.	pr.
Dyce	091	00191	113	+	+
Lerwick	005	01151	078	ir.	ir.irR
Wick	075	01151	054	pr.	pr.pr
Sule Skerry	010	00150			
Cape Wrath	049	93131	079	pr.	+
Stornoway	026	96161	079	pr.	pr.pr
Benbecula	022	00151	095	+	+
Tiree	100	00151	048	jp	+
Aldergrove	917	91181	062	pr.	+
Malin	980	9716	025		
Belmullet	976	0016	046		
Birr	965	9718	042		
Dublin	969	9719	069		
Shannon	962	9718	045		
Roches Point	952	9718	069		
Valentia	953	0017	047		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

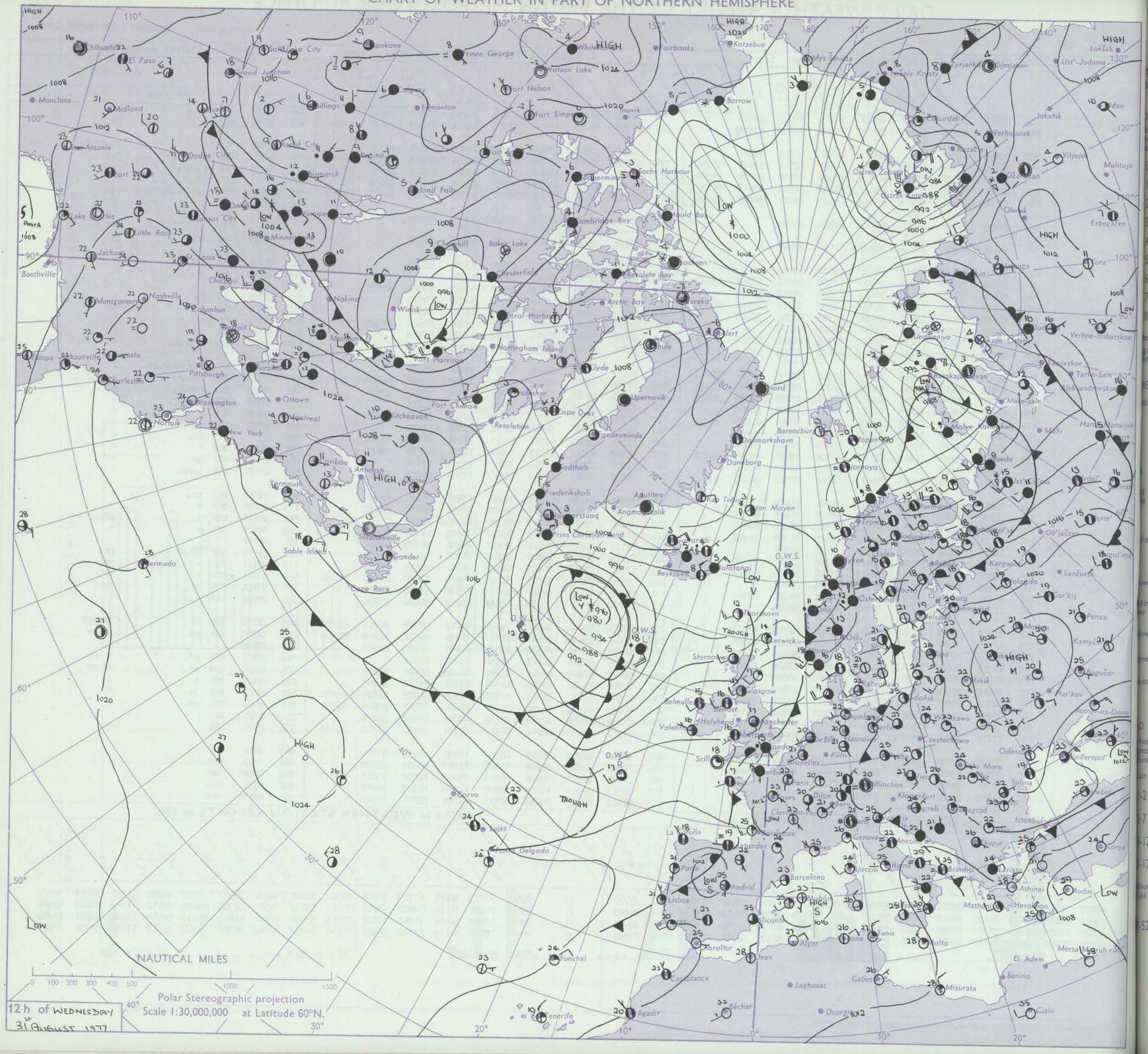
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31121	52820	98022	99712	53500	00108	/////	/////	05108	11281	31111	/////
L	99569	70203	31124	81427	96618	93912	5742/	00849	85710	88556	0//10	11390	30605	18905
M	99658	10020	31124	71707	97028	03210	38471	00709	81810	83630	0//09	11031	30201	99/05
R	99470	70168	31124	62117	98031	12816	25550	00803	82630	86360	0//14	11698	30701	25903

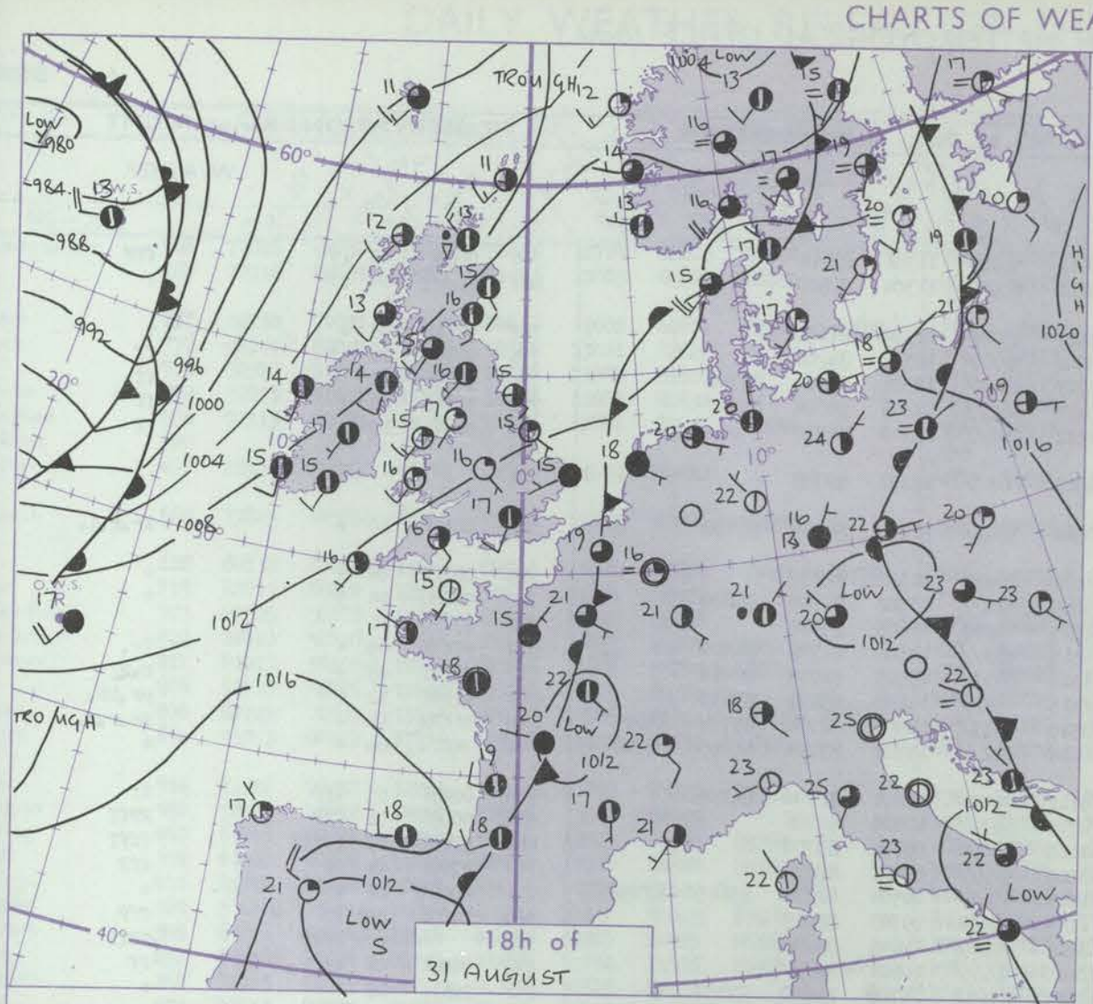
OCEAN WEATHER STATION REPORTS at 18h.

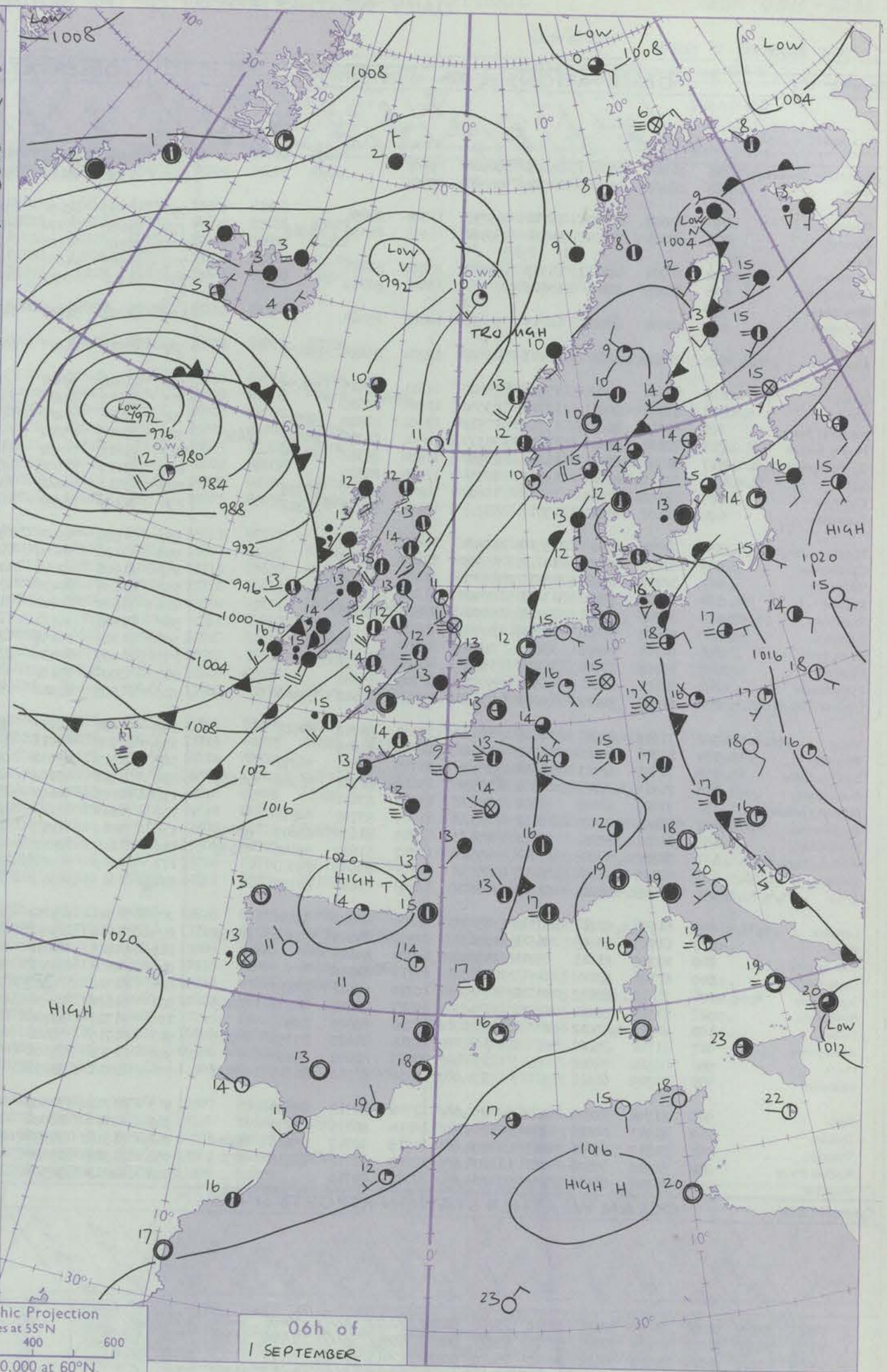
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	31181	62720	97158	98512	63400	00801	/////	/////	05207	11301	31213	/////
L	99570	70204	31184	72622	97216	85512	5533/	00522	82708	84620	0//12	11388	30605	18908
M	99660	10020	31184	71512	97022	03010	58432	00801	81815	85630	0//10	11000	30301	99/04
R	99471	70167	31184	82222	98022	10816	8097/	00709	88360	/////	0/15	11699	30704	/////

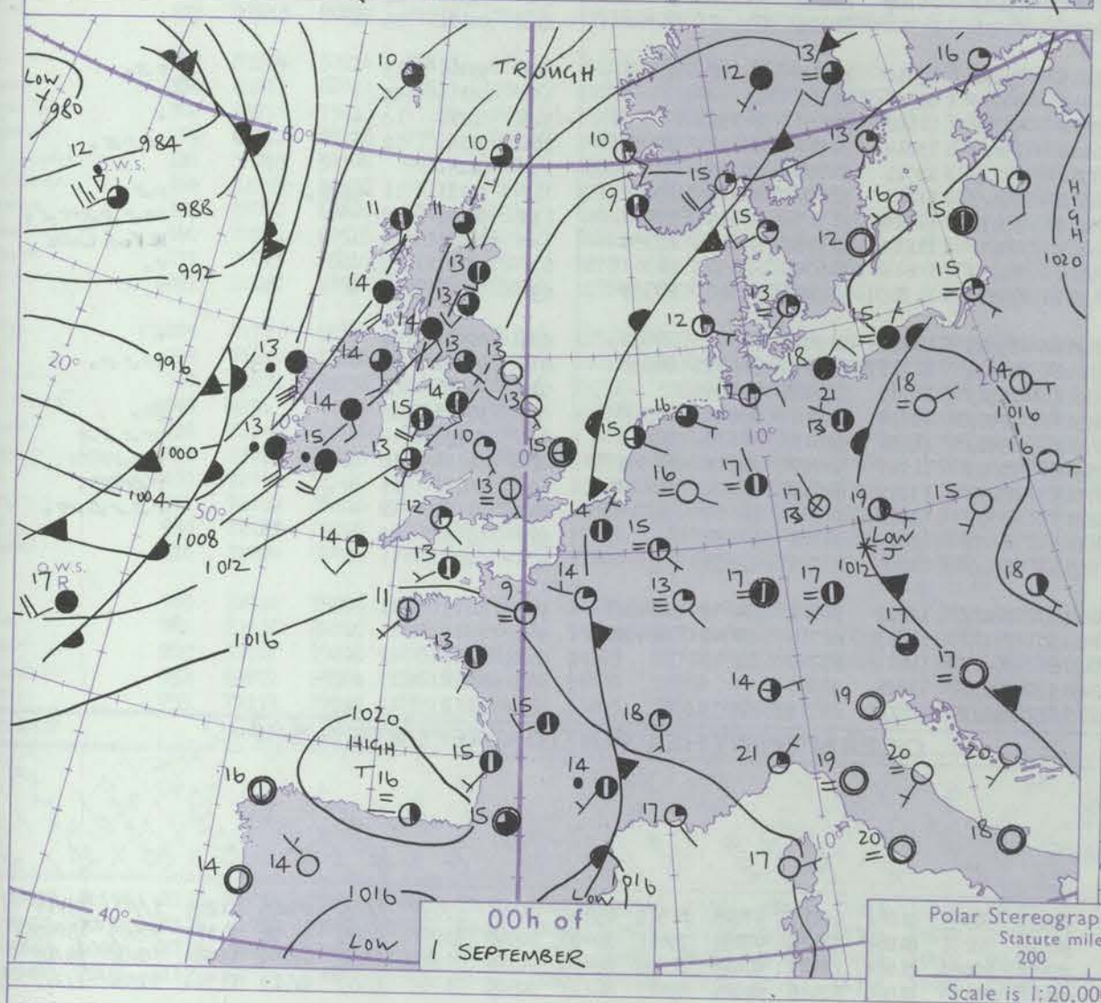
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 THURSDAY 1 SEPTEMBER 1977

During the past 24 hours a frontal trough moved slowly eastwards over southern and southeast England. A further frontal system, associated with a vigorous Atlantic depression moved eastwards from the Atlantic, reaching western Ireland. During the next 24 hours these fronts will continue their eastward movement, crossing Northern Ireland, Scotland and approaching west Wales and southwest England, whilst their associated depression continues to make steady eastward progress towards northwest Scotland.

Code FM 11.V

OBSERVATIONS at 00h. 01 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	01705	03461	14609	00900	09102			
Hurn	862	00000	05464	14509	00900	09802			
Manston	797	72006	60022	14714	6573/	12304	86656		
Gatwick	776	52206	34104	15111	50970	11305	81359	84362	
Kew	775								
Heathrow	772	11704	40101	14713	16200	13205	81705		
Honington	586	72005	30106	13613	7093/	13601	87359		
Wattisham	590								
Gorleston	497	50000	60012	14215	50930	14602	85360		
Aberporth	502	51910	82031	12413	45541	12704	81625	83650	
Filton	628	52204	60031	13913	55400	12601	83615	83635	
Rhoose	715	23002	84011	13712	25500	11801	82620		
Hartland Point	703	62510	86021	13813	2253/	13604	82820	86360	
Mount Batten	827	72802	65031	14614	783//	14501	81706	84814	86630
St. Mawgan	817	51808	86031	14212	20932	11804	82360	83075	
Scilly	804	32211	83011	13814	22531	13704	82820		
Culdrose	809	62112	70031	14115	11432	14805	81815	85359	
Guernsey	894	72607	65021	15713	722//	13102	85705	86812	
Elmdon	534	21704	62111	13510	00904	10604	82075		
Cardington	559	42504	30106	14112	40930	12204	84360		
Wittering	462	32704	01464	13811	35700	11001	83650		
Watnall	354	02101	25100	13411	00900	11804			
Shawbury	414	31702	62101	12511	00904	10803	83078		
Finningley	360	01602	12100	12709	00900	09804			
Spurn Point	396	01705	60020	13813	00900	12000			
Leeming	257	11606	22101	12211	15830	10804	81657		
Tynemouth	262	62111	60011	11513	50931	12708	85360		
Carlisle	222	61404	80022	10013	45631	11811	84640	85360	
Valley	302	71919	80021	11015	754//	13805	84710	87618	
Ringway	334	11706	60020	12313	15601	11703	81635		
Squires Gate	318	71708	65011	11514	25636	13705	82645	86072	
Ronaldsway	204	71919	72022	09214	35332	13610	82708	86360	86075
Mull of Galloway	131	72028	82022	07513	756//	13714	87630		
Eskdalemuir	162	71609	75258	10112	783//	11709	83708	84818	
Prestwick	135	81612	80032	07314	856//	12815	81630	83640	88656
Abbotsinch	140	70302	75028	07712	4557/	10712	81622	83645	87359
Leuchars	171	62109	68028	08713	3573/	10707	83650	85360	
Dyce	091	71808	82022	08013	3567/	10808	81640	87358	
Lerwick	005	61906	82011	07310	55631	08804	81640	85656	
Wick	075	61705	83038	06511	35632	07809	83640	83360	85072
Sule Skerry	010	42305	81011	05711	45500	10708	84625		
Cape Wrath	049	62306	83022	04911	4253/	07717	84820		
Stornoway	026	71810	80032	03711	755//	10720	82622	87635	
Benbecula	022	71511	80022	02712	1547/	10827	81618	84359	87465
Tiree	100	81820	80032	03514	5552/	12726	85629	88460	
Aldergrove	917	61711	75012	06014	15572	11718	81625	83359	85365
Malin	980	81818	88022	03813	2567/	07823	82640	88458	
Belmullet	976	81729	61616	01113	874//	13734	83712	86716	87637
Birr	965	81708	80028	07014	854//	12716	82718	88636	
Dublin	969	81913	80022	07815	60977	10814	86459	83270	
Shannon	962	81813	65636	06314	854//	11715	82717	85625	88640
Roches Point	952	81920	70606	09115	874//	12708	82712	85718	88723
Valentia	953	81718	65616	05513	864//	12726	88715		

OBSERVATIONS at 06h. 01 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	51606	01464	14611	56000	11301	85701		
Hurn	862	21502	40114	15111	28500	11304	81820		
Manston	797	12309	40101	15512	15700	12309	81650		
Gatwick	776	91602	03474	15812	9////	12307	89/02		
Kew	775	81803	32104	15713	862//	12308	85704	88706	
Heathrow	772	82005	44054	15413	862//	12306	85704	88707	
Honington	586	81906	10282	14512	860//	12310	88700		
Wattisham	590								
Gorleston	497	82207	32101	14913	863//	13207	88708		
Aberporth	502	72015	81021	10514	784//	12504	84815	86650	
Filton	628	21806	50101	14012	20931	11302	82359		
Rhoose	715	62110	84031	13213	683//	13502	81709	86620	
Hartland Point	703	52418	84022	12515	50930	13605	85360		
Mount Batten	827	72215	65022	14515	783//	14500	81708	84814	
St. Mawgan	817	71810	64022	13314	3637/	13505	82709	87460	
Scilly	804	72014	81608	12415	785//	14608	85820	87630	
Culdrose	809	72113	60606	13515	6533/	14503	82706	83708	85625
Guernsey	894	72109	81031	16414	722//	14304	83703	85705	85709
Elmdon	534	71809	38104	13112	7623/	11701	82704	86705	
Cardington	559	82106	50104	14710	863//	10304	88706		
Wittering	462	51806	02444	14009	56000	09304	85700		
Watnall	354	92106	01474	13009	9////	09501	89///		
Shawbury	414	71607	63041	11911	3567/	10504	81630	83645	87359
Finningley	360	21803	06424	12009	00902	09703	82075		
Spurn Point	396	91708	03454	13011	9////	11605	89/00		
Leeming	257	91405	02434	10910	9////	10603	89///		
Tynemouth	262	72008	23102	10011	4563/	11709	84630	87358	
Carlisle	222	71508	68012	07513	38531	11712	81820	83640	86360
Valley	302	71926	80022	08415	55472	13610	83714	84622	87358
Ringway	334	31706	62011	11412	30930	09505	83360		
Squires Gate	318	71512	68032	09712	4573/	11608	84650	86359	
Ronaldsway	204	71920	72602	06414	754//	13614	82711	85632	87656
Mull of Galloway	131	82038	70602	03714	872//	13721	84705	88710	
Eskdalemuir	162	71614	75028	06612	753//	11717	83706	84710	85645
Prestwick	135	72019	70022	03815	3547/	11720	81715	83645	87460
Abbotsinch	140	71608	85022	03615	4547/	11819	81716	83634	87359
Leuchars	171	71713	80022	05314	5567/	10616	81630	85650	86362
Dyce	091	71613	80212	04913	5537/	11718	82708	84612	87359
Lerwick	005	71511	65032	03911	75078	11721	81701	86640	87657
Wick	075	71714	75022	02112	55578	11723	82625	84635	85358
Sule Skerry	010	81421	74031	00012	3552/	11733	83625	88460	
Cape Wrath	049	81806	83022	98513	3257/	10739	80012	83820	88360
Stornoway	026	81716	75252	96812	6842/	11836	81815	86635	88460
Benbecula	022	81620	40636	95512	7532/	11743	84707	86616	88550
Tiree	100	81727	33596	97313	852//	13735	84703	86707	88614
Aldergrove	917	81715	50606	02313	873//	12721	81707	86709	88710
Malin	980	81926	75606	98013	4647/	12625	84718	88458	
Belmullet	976	72211	78036	98713	754//	12205	83719	87638	
Birr	965	81712	70506	02614	7642/	12622	85712	84630	88458
Dublin	969	82117	80026	04115	7547/	11619	82718	87640	88459
Shannon	962	81716	70586	01816	864//	14617	82710	87716	
Roches Point	952	81923	25586	04915	872//	15521	88703		
Valentia	953	82213	57506	03216	864//	15502	86710	88635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00091	05	ff	fff
Hurn	862	00081	06	ff	f
Manston	797	97110	08	+	+
Gatwick	776	00101	06	if	ff
Kew	775	97091	04	ff	ff
Heathrow	772	97111	08	f	ff
Honington	586	91111	10	+	ff
Wattisham	590				
Gorleston	497				
Aberporth	502	91121	10	+	ir.r.d.
Filton	628	00111	06	+	+
Rhoose	715	00100	04	+	+
Hartland Point	703	97130	11		
Mount Batten	827	97131	09	+	ir.
St. Mawgan	817	01111	08	+	r.r
Scilly	804	91142	12	+	pr.ir.
Culdrose	809	01122	11	+	ir.r.r.
Guernsey	894	00121	09	+	+
Elmdon	534	00081	05	iff	if
Cardington	559	00081	03	fff	ffff
Wittering	462	97081	07	ffffff	ffff
Watnall	354	97091	04	ff	fff
Shawbury	414	00081	02	+	+
Finningley	360	00091	05	ff	fff
Spurn Point	396			ffff	ffff
Leeming	257	00091	07	iff	ff
Tynemouth	262	00111	07	+	+
Carlisle	222	00121	10	+	+
Valley	302	93141	13	+	r.r.
Ringway	334	00111	09	+	+
Squires Gate	318	00121	10	+	+
Ronaldsway	204	91141	12	+	ir.r.r.
Mull of Galloway	131	91131			
Eskdalemuir	162	01131	11	prpr.	r.r
Prestwick	135	96131	12	+	ir.r.r.rrr.r.
Abbotsinch	140	01121	10	+	Rad Ddo.
Leuchars	171	97111	09	+	r.
Dyce	091	97111	09	+	r.
Lerwick	005	00081	06	+	+
Wick	075	93111	06	+	ir.r.r.
Sule Skerry	010	94091	08		
Cape Wrath	049	97121	08	+	pr.
Stornoway	026	03102	10	+	pr.r.r.r
Benbecula	022	04111	10	ir.	r.r.rrRdr
Tiree	100	05131	11	ir.	r.drRdd.
Aldergrove	917	01131	12	+	r.d.r.d.-r.
Malin	980	9313	10		
Belmullet	976	0213	11		
Birr	965	9713	11		
Dublin	969	9714	11		
Shannon	962	0113	12		
Roches Point	952	0214	13		
Valentia	953	0812	12		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	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	01001	73119	97808	03310	73400	00244	/////	/////	05408	11268	3//15	/////	
L	99571	70202	01004	62425	97808	85711	634//	00807	85912	/////	0//09	11396	30505	17109	
M	99659	10020	01004	81619	96618	99710	75470	00826	87615	88359	0//10	11000	30403	99/03	
R	99470	70167	01004	82321	97022	10817	864//	00604	88710	/////	0//17	11705	30805	/////	

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	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	01061	63217	97018	11510	65500	00241	/////	/////	05405	11268	3//11	28/14	
L	99572	70201	01064	32120	97258	79612	39400	00840	83912	/////	0//08	11374	30505	18009	
M	99659	10020	01064	22117	97016	01709	28400	00308	81815	/////	0//09	10968	30402	99/03	
R	99469	70165	01064	82416	94424	09417	861//	00609	88702	/////	0//17	11704	30804	/////	

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. 42288

Date of Issue FRIDAY 2 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 1 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72016	84034	14917	784//	12703	82818	86650	
Hurn	862	72116	80031	16217	5257/	13003	85822	86359	
Manston	797	62214	70031	16118	644//	13602	82817	83630	85645
Gatwick	776	42114	81014	16219	38531	13001	82828		
Kew	775	32310	81021	15819	22530	11803	82828		
Heathrow	772	32013	81011	15320	38630	11805	82830		
Honington	586	72113	62034	14617	785//	12604	84825	86634	
Wattisham	590								
Gorleston	497	22116	58021	14918	21500	11705	82820		
Aberporth	502	71824	60586	08015	7537/	15815	85706	87650	
Filton	628	82118	80036	13618	6857/	13801	82820	85657	88359
Rhoose	715	82011	68606	12916	855//	14804	88622		
Hartland Point	703	82525	56606	11316	873//	15810	88706		
Mount Batten	827	82020	58216	14616	853//	15801	85707	88625	
St. Mawgan	817	81915	56616	12616	872//	15803	85705	88707	
Scilly	804	91919	09476	11616	9////	16805	89/01		
Culdrose	809	82120	22585	13115	870//	15706	81701	83704	88707
Guernsey	894	71913	80022	17716	5573/	14102	85650	86360	
Elmdon	534	71917	72252	12217	38531	11710	83820	83362	
Cardington	559	52116	75022	14419	58500	13807	84825		
Wittering	462	62016	80034	13318	5853/	12809	85822	83360	
Watnall	354	62114	80804	11817	5855/	11710	84820	85359	
Shawbury	414	81814	75036	10317	7557/	12710	87620		
Finningley	360	52016	75024	10719	48540	11811	82825	83656	
Spurn Point	396	62011	65034	12516	41410	12709	84815	86360	
Leeming	257	81918	80034	08317	1457/	11712	81628	86359	88465
Tynemouth	262	72015	69022	07217	7097/	10616	87458		
Carlisle	222	71813	80032	04616	7857/	12718	81822	83630	86645
Valley	302	81934	58216	05615	862//	14822	81704	83706	88708
Ringway	334	81817	68031	09317	7547/	11712	81618	87622	88358
Squires Gate	318	81716	75036	07217	7857/	13714	83825	87637	88459
Ronaldsway	204	81927	57216	03515	862//	14617	82703	88704	
Mull of Galloway	131	82145	58106	00514	872//	13712	83704	88710	
Eskdalemuir	162	81720	50586	03713	872//	13717	87705	88710	
Prestwick	135	82020	62606	00815	853//	14613	81706	84707	87612
Abbotsinch	140	82016	60516	00315	873//	14816	81708	83710	88712
Leuchars	171	72023	76216	01218	7847/	12720	81712	83824	86645
Dyce	091	81620	58586	00716	853//	12724	81707	86709	88618
Lerwick	005	81723	60602	99913	6537/	12724	83707	85625	88459
Wick	075	71618	75026	96914	3557/	11721	81625	83645	85359
Sule Skerry	010	81824	81036	94813	7851/	11721	82820	87625	
Cape Wrath	049	82311	80025	94514	3357/	12712	83920	88360	
Stornoway	026	72119	75156	93914	784//	11603	83818	87645	
Benbecula	022	72016	80026	94614	58478	11001	82818	85635	87360
Tiree	100	72019	75016	96615	6537/	13804	81708	86622	87358
Aldergrove	917	72209	70216	00216	753//	16509	82706	85712	87621
Malin	980	72123	84026	98215	68432	10504	81717	85635	85360
Belmullet	976	72020	78026	98016	754//	11706	81718	86637	
Birr	965	72412	75206	01917	764//	14704	86715	85628	
Dublin	969	82118	82026	02119	864//	15713	81712	86714	87622
Shannon	962	82416	70206	02516	863//	14103	81708	85716	87624
Roches Point	952	81920	25504	04616	861//	16604	88702		
Valentia	953	72113	70215	03915	784//	13003	84712	85635	

OBSERVATIONS at 18h. 1 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82019	80026	12916	854//	13811	87712	88645	
Hurn	862	82113	68026	14517	854//	14709	85615	88645	
Manston	797	12114	84021	15216	11439	13503	81818		
Gatwick	776	72113	83031	15217	58451	14606	83616	83820	
Kew	775	72115	80038	14317	4853/	12807	82822	86362	
Heathrow	772	62014	81038	13818	685//	13708	81822	86645	
Honington	586	42113	81031	12218	11680	10606	81830	84360	
Wattisham	590								
Gorleston	497	11916	66021	12619	10930	13712	81360		
Aberporth	502	82019	50616	07416	872//	16302	82703	88704	
Filton	628	82215	65216	11116	854//	15610	82712	88615	
Rhoose	715	82215	67606	10417	853//	15609	81708	87612	88620
Hartland Point	703	82628	56636	09816	871//	16706	88702		
Mount Batten	827	82223	58206	12816	872//	15708	83704	88707	
St. Mawgan	817	82017	50616	11516	871//	16605	85702	88704	
Scilly	804	82015	18516	10616	871//	16602	88702		
Culdrose	809	82121	30106	11816	860//	15707	82701	88702	
Guernsey	894	72112	82026	16117	5577/	15707	85656	87360	
Elmdon	534	81916	75212	09417	854//	13813	88613		
Cardington	559	72116	72036	12118	5857/	14808	84825	87359	
Wittering	462	62020	82012	10317	5563/	12715	83630	83656	
Watnall	354	72114	80218	08817	7547/	13712	86615	86650	
Shawbury	414	81813	50626	07416	854//	15614	83711	84616	88625
Finningley	360	72017	78022	07518	6553/	13811	85622		
Spurn Point	396	61917	70031	09318	1557/	12710	81625	86360	
Leeming	257	71821	58606	04617	7553/	13518	84620	86645	85359
Tynemouth	262	72028	66022	02718	5567/	14724	85630		
Carlisle	222	82106	75616	01116	854//	15618	81710	88625	
Valley	302	82127	57606	04116	872//	15506	83704	88705	
Ringway	334	71823	65022	06018	754//	13715	81715	84620	86650
Squires Gate	318	81916	60602	04117	874//	16714	88710		
Ronaldsway	204	82419	28536	01914	852//	14503	85703	86706	88622
Mull of Galloway	131	72328	70804	00413	723//	12016	82708	87820	
Eskdalemuir	162	81824	15596	99915	871//	14615	88702		
Prestwick	135	62212	70216	98815	684//	12502	81710	85656	
Abbotsinch	140	42117	68216	97815	38431	13506	82710		
Leuchars	171	81816	45616	97516	854//	15716	83712	85618	88656
Dyce	091	71817	65216	96315	7721/	14821	83705	87708	
Lerwick	005	81822	58606	94112	7532/	12828	81706	85708	87620
Wick	075	72114	80026	93714	5553/	11715	81620	85635	86359
Sule Skerry	010	52023	81016	92913	4857/	11709	81820	84625	
Cape Wrath	049	62316	80015	91813	4853/	10718	82820	84625	86360
Stornoway	026	52022	75158	90913	58400	10719	83816	83640	
Benbecula	022	31825	75258	90513	39460	12822	83915		
Tiree	100	42123	70038	93914	48400	10715	83818		
Aldergrove	917	22315	84016	99616	28500	10500	82822		
Malin	980	32128	84808	95916	38500	09506	82820		
Belmullet	976	52027	72258	97515	534//	11303	81714	84920	83920
Birr	965	52312	81016	03016	525//	10307	85822		
Dublin	969	32212	80016	02316	38500	13110	81820	83635	
Shannon	962	62318	75156	03116	5854/	10205	84823		
Roches Point	952	72211	80036	05916	784//	13207	86815	83640	
Valentia	953	32320	70036	05316	38500	12209	82820		

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97181	031	ir.	ir.d.r.
Hurn	862	97191	063	r.	r.
Manston	797	00200	113	+	+
Gatwick	776	00201	080	+	+
Kew	775	97191	068	+	pr.
Heathrow	772	97211	049	+	pr.
Honington	586	00210	060	+	+
Wattisham	590				
Gorleston	497		102		
Aberporth	502	05161	000	d.r.d.d.	d.d.rr.
Filton	628	01181	018	r.	r.rRr.r
Rhoose	715	01171	014	ir.irr.r.d.r.	ir.r
Hartland Point	703	13162	000		
Mount Batten	827	02171	001	r.r.d.	id.ir.
St. Mawgan	817	06172	000	ir.rd.r.d.r.	d.r.d.r.rr.
Scilly	804	04172	000	ir.id.f	d.d.ir
Culdrose	809	09162	000	r.r.d.d.	ir.
Guernsey	894	97180	020	ir.	+
Elmdon	534	97181	021	pr.	r.d.-d.r.-r.
Cardington	559	97211	045	+	ir.
Wittering	462	97201	028	+	r.
Watnall	354	01201	032	pr.	r.rR
Shawbury	414	04181	007	ir.r.	rrRr.r.
Finningley	360	01211	047	+	r.rR
Spurn Point	396			+	ir.
Leeming	257	01191	031	+	ir.r
Tynemouth	262	91181	019	+	ir.
Carlisle	222	10172	001	r.r	r.r.drd.r.RDR
Valley	302	05161	000	r.r.rrir.	id.d.d.ir.
Ringway	334	96181	010	+	r.rr.
Squires Gate	318	06181	000	ir.	r.rR
Ronaldsway	204	02151	000	r.r.d.	d.Rir.
Mull of Galloway	131	02151			
Eskdalemuir	162	19151	000	rr.r.d.r.drdr	drdrDRr
Prestwick	135	05161	011	r.rrd.	d.r.
Abbotsinch	140	05161	010	dd.r.rd.dr.	d.r.rRrd.r.
Leuchars	171	03191	009	r.pr.	d.r.drir.
Dyce	091	02171	006	r.d.r.id.	d.d.id.r.r
Lerwick	005	05132	002	ir.r.r.	r.r.RRpr.
Wick	075	91151	010	+	ir.
Sule Skerry	010	01131			
Cape Wrath	049	97151	013	id.	id.
Stornoway	026	07151	008	rr.pr.	pr.prpR
Benbecula	022	01151	025	pr.	pr.
Tiree	100	92161	035	d.r.pr.	pr.
Aldergrove	917	94181	025	d.r.	+
Malin	980	0117	024		
Belmullet	976	0117	042		
Birr	965	0318	024		
Dublin	969	0319	019		
Shannon	962	0118	028		
Roches Point	952	0117	016		
Valentia	953	0118	037		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

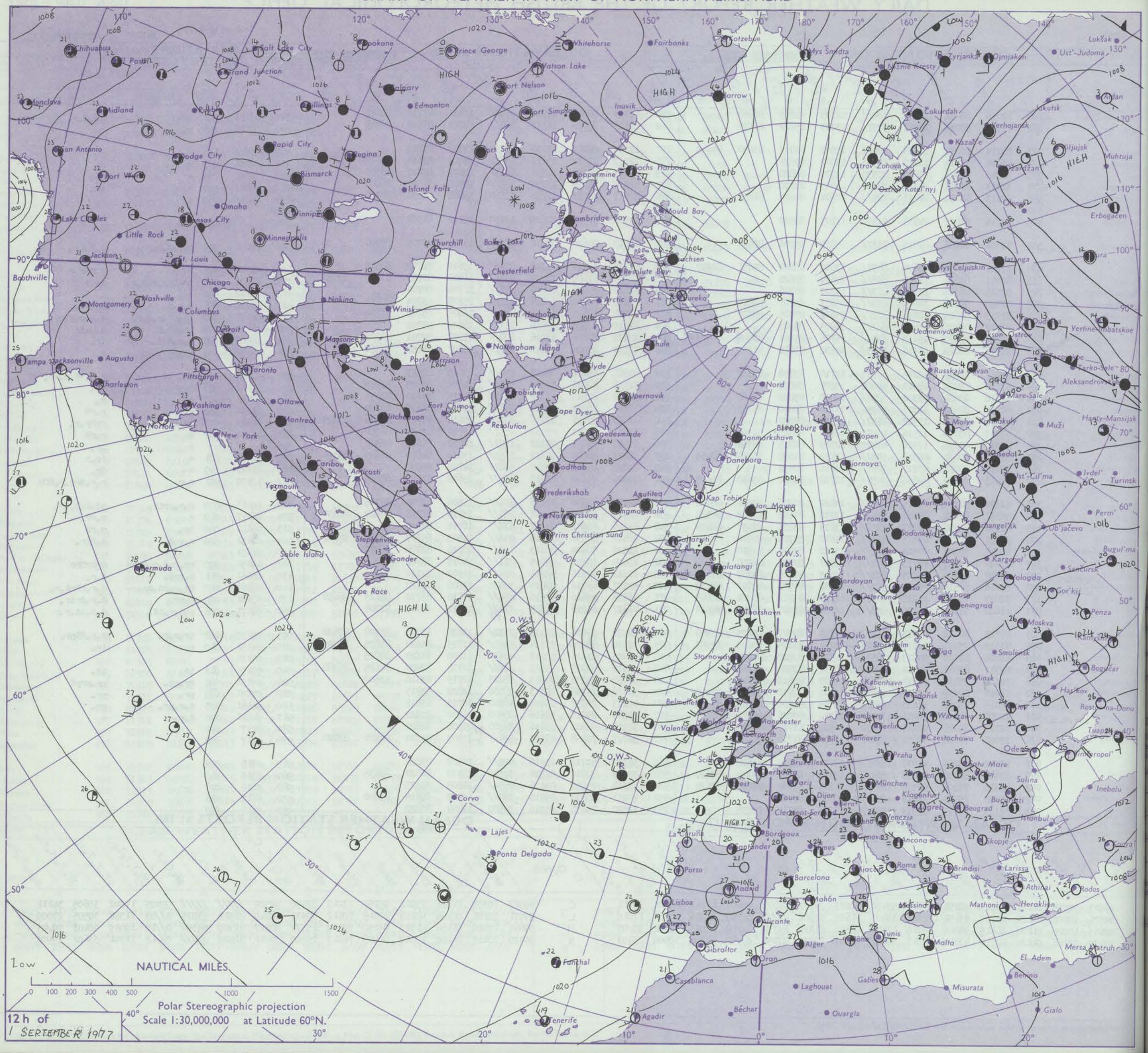
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01121	63013	97258	16610	53450	00223	/////	/////	05406	11243	30605	29111
L	99571	70202	01124	41707	97158	72712	39403	51628	82912	/////	0//09	11386	30201	17010
M	99663	10020	01124	51815	98018	02910	12574	00303	81820	84358	0//09	10983	30402	99/03
R	99470	70166	01124	82714	97214	11817	4642/	00309	84720	87456	0//17	11702	30000	23803

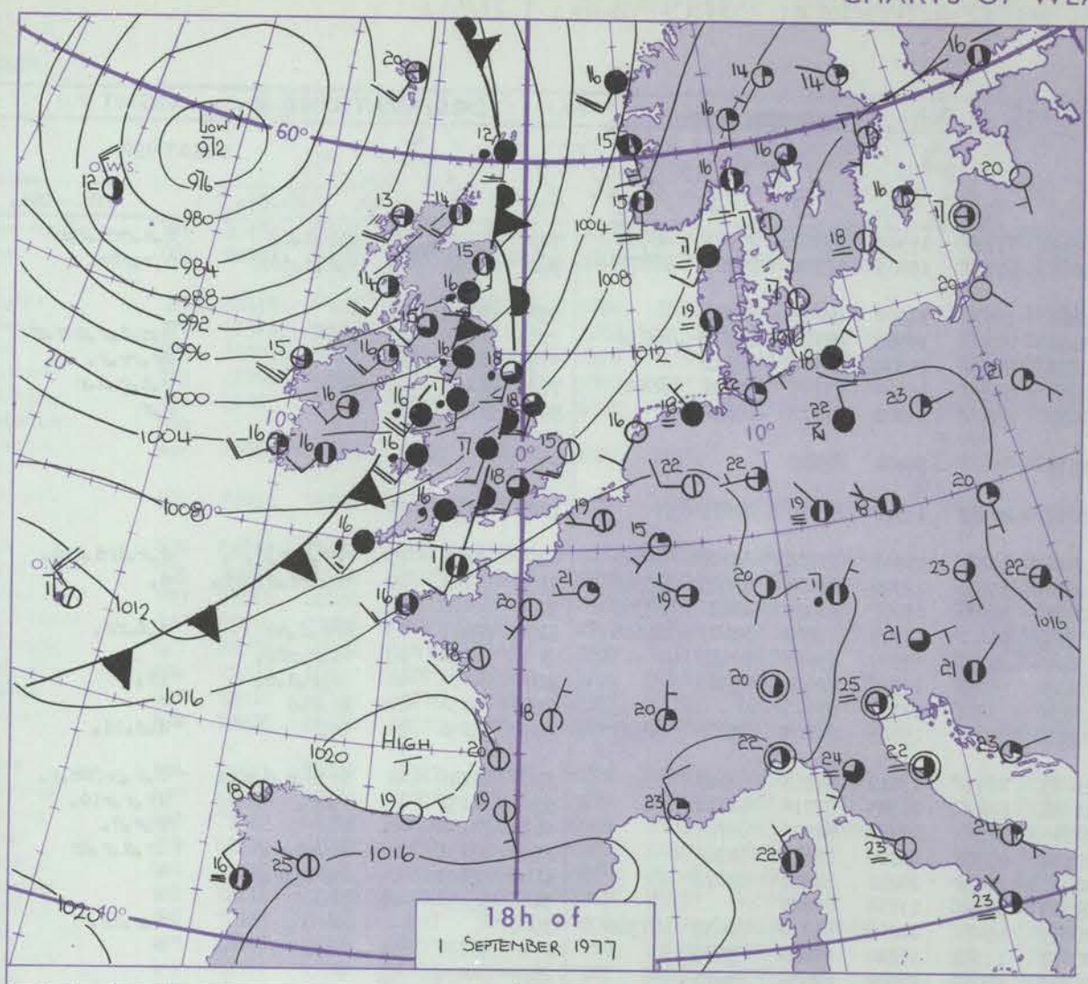
OCEAN WEATHER STATION REPORTS at 18h.

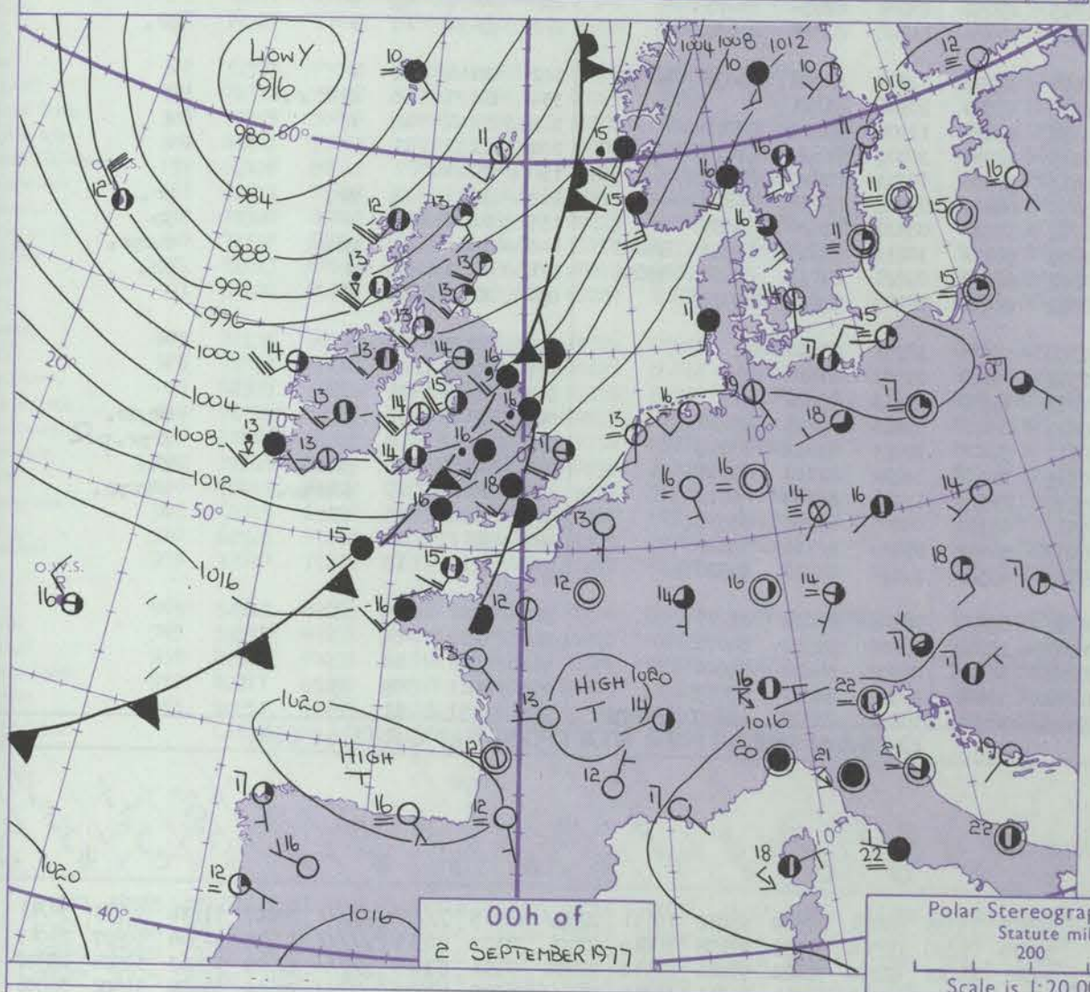
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01181	73012	98158	17210	53450	00502	/////	/////	05405	11242	30605	34111
L	99571	70201	01184	43123	97018	80812	39432	00249	81912	83075	0//09	11386	30505	23009
M	99664	10020	01184	81319	97252	99209	1537/	00827	81709	88358	0//10	10989	30403	99/03
R	99470	70165	01184	13020	98016	14017	18500	00211	81820	/////	0//12	11701	30602	29903

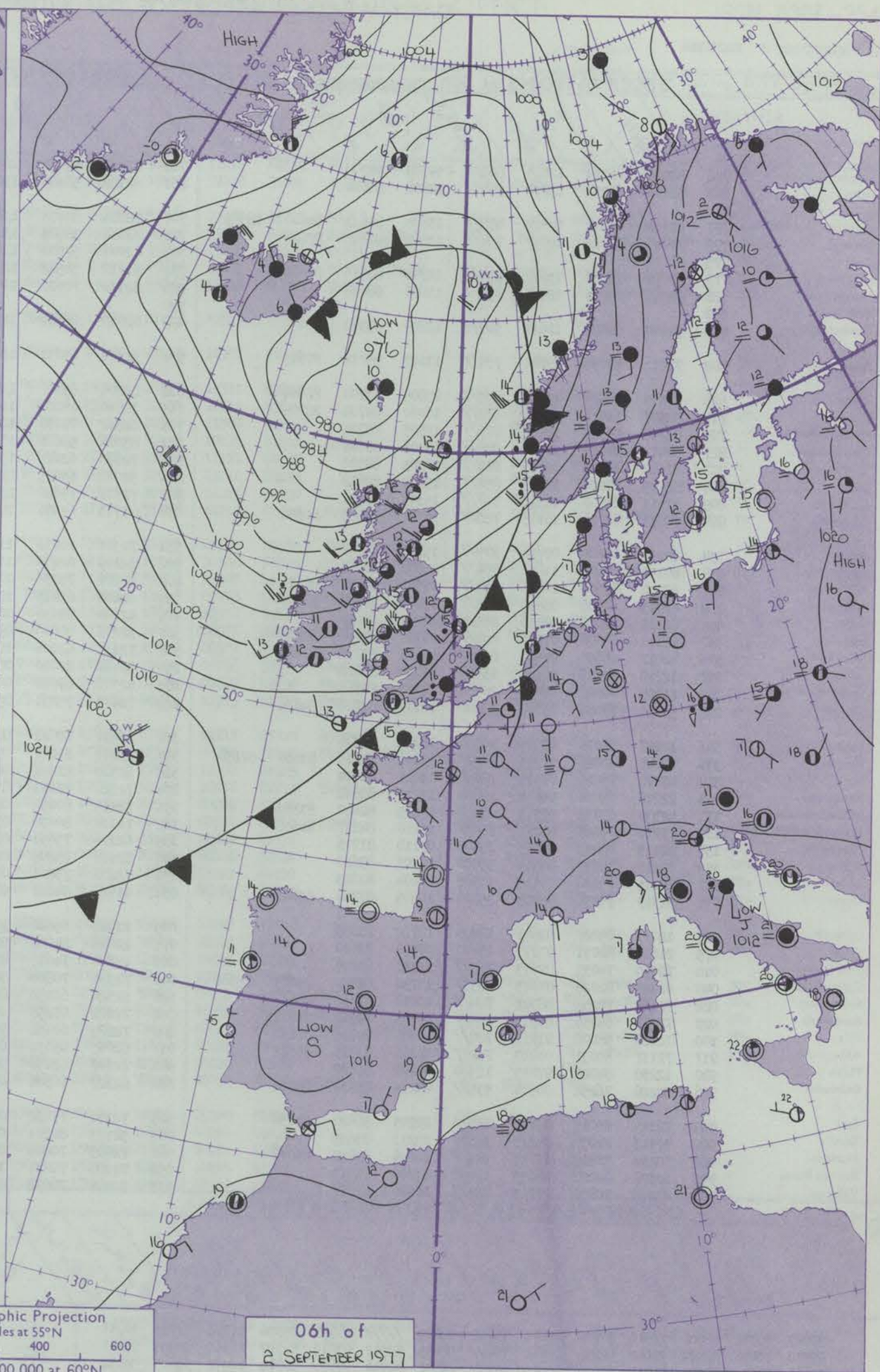
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 2 SEPTEMBER 1977

During the past 24 hours a deep depression to the northwest of the British Isles moved northeast whilst associated frontal troughs moved eastwards and became slow-moving over southern and southeastern districts. During the next 24 hours the frontal trough is expected to clear all areas whilst the filling depression to the northwest of Scotland continues to move away northeastwards and a weak ridge of high pressure move eastwards into western districts.

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

Code FM 11.V

OBSERVATIONS at 00h. 02 SEPTEMBER 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	82016	66215	12615	863//	14708	88708		
Hurn	862	82216	75212	13817	854//	14806	88614		
Manston	797	82116	81021	14917	4557/	13808	81622	84640	88359
Gatwick	776	72013	70012	14917	754//	13803	81618	87622	
Kew	775								
Heathrow	772	82016	75022	13618	854//	14704	82615	88618	
Honington	586	82016	70031	12117	854//	13606	88616		
Wattisham	590								
Gorleston	497	51920	66021	12617	50970	13709	85360		
Aberporth	502	72211	70036	09614	754//	13107	85714	87643	
Filton	628	82110	58586	10816	853//	15805	83708	88614	
Rhoose	715	82307	56516	10616	872//	16400	84704	88709	
Hartland Point	703	82718	00536	10915	870//	15305	88701		
Mount Batten	827	82417	24516	12316	870//	15706	88701		
St. Mawgan	817	82512	15636	12116	870//	16303	88700		
Scilly	804	82405	60206	12015	854//	15204	88618		
Culdrose	809	92511	05606	12315	9////	15303	89/01		
Guernsey	894	71914	82022	16115	755//	15702	84625	86656	
Elmdon	534	82014	60605	09716	873//	15701	88707		
Cardington	559	82113	70606	11817	854//	15606	88613		
Wittering	462	82116	82606	10216	853//	15501	86708	88611	
Watnall	354	82015	58586	08816	872//	15400	84704	88707	
Shawbury	414	82310	72026	08716	855//	14209	88626		
Finningley	360	82111	65606	07717	854//	16102	83710	88618	
Spurn Point	396	82017	66606	08516	854//	15804	83715	88625	
Leeming	257	12210	80016	06115	15500	12210	81620		
Tynemouth	262	21908	80026	04715	20930	12320	82359		
Carlisle	222	52311	75036	03914	58500	12111	82820	84635	
Valley	302	12227	65016	07014	16300	13204	81708		
Ringway	334	72008	80026	07915	784//	13111	81815	83630	87650
Squires Gate	318	42318	75016	07115	28430	13211	81814		
Ronaldsway	204	22218	75026	04914	28600	13210	82832		
Mull of Galloway	131	42330	80031	02913	25530	11215	82620	83359	
Eskdalemuir	162	71916	70028	03212	784//	11210	84817	86630	
Prestwick	135	22113	75031	01013	25400	09110	81716		
Abbotsinch	140	32221	68030	99514	35500	09107	83620		
Leuchars	171	22215	75026	99113	11502	09204	81823		
Dyce	091	31919	75036	96513	35400	10805	81714	83626	
Lerwick	005	12011	65028	92611	18400	10710	81815		
Wick	075	21614	82031	93213	25600	09500	82640		
Sule Skerry	010	72030	74031	89913	755//	11720	87625		
Cape Wrath	049	62328	82028	87613	5853/	10730	82820	85625	85360
Stornoway	026	72127	70258	88312	784//	10710	82816	86637	
Benbecula	022	72027	65258	89013	784//	09705	84816	87630	
Tiree	100	72228	58808	93913	784//	10301	84815	87630	
Aldergrove	917	72117	80031	01813	754//	10211	83715	86622	
Malin	980	12230	84020	97013	12500	09109	81820		
Belmullet	976	52226	76258	00314	535//	09215	85920	84920	
Birr	965	72115	75011	05213	785//	09205	86820	84634	
Dublin	969	32113	82030	05313	35600	09211	83635		
Shannon	962	72214	70808	05713	785//	10106	83820	86640	
Roches Point	952	12308	80028	08613	18400	11208	81817		
Valentia	953	82216	70808	07713	825//	10209	88820		

OBSERVATIONS at 06h. 02 SEPTEMBER 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	82011	56635	12315	7712/	15302	85702	86705	88550
Hurn	862	82112	56585	13016	872//	15603	82704	85705	88706
Manston	797	72014	81031	13916	3547/	14504	83615	87359	
Gatwick	776	82014	38505	13815	873//	14503	82706	86708	88712
Kew	775	82007	57602	13316	873//	15604	86708	88712	
Heathrow	772	81912	56582	12816	873//	15500	81707	85709	88712
Honington	586	82112	70022	12017	854//	14302	86711	88630	
Wattisham	590								
Gorleston	497	82016	66022	12617	855//	14400	88620		
Aberporth	502	52111	65031	11011	28402	11306	81710	84075	
Filton	628	82504	65206	11814	852//	14208	81705	83708	88617
Rhoose	715	72810	68206	11614	35232	12306	81704	83625	85359
Hartland Point	703	62812	74036	12414	3853/	13207	81825	83637	85360
Mount Batten	827	83006	56606	13315	851//	14309	81702	83707	88616
St. Mawgan	817	72607	62026	13214	3557/	13308	83624	87459	
Scilly	804	52808	65015	13413	25539	12307	82625	85360	
Culdrose	809	72707	75026	13414	756//	14308	87645		
Guernsey	894	81913	65216	14515	852//	15605	81703	83708	88611
Elmdon	534	72307	70016	11015	7843/	13310	82818	85628	
Cardington	559	82210	62216	11916	874//	16303	85710	88712	
Wittering	462	82009	75036	10815	872//	15105	84705	88707	
Watnall	354	62406	65215	10414	45532	13210	83625	84360	
Shawbury	414	42109	78031	10411	11432	10210	81818	83072	
Finningley	360	32208	80016	09513	28532	11210	81820		
Spurn Point	396	72113	62606	10015	6547/	14208	84710	86630	87360
Leeming	257	32112	80020	08013	11542	10210	81820	83075	
Tynemouth	262	42306	69030	06013	23634	10204	82930	84075	
Carlisle	222	72413	75031	05213	784//	11208	82818	87638	
Valley	302	62421	70021	08614	38302	11209	81708	83630	86072
Ringway	334	21811	81021	09312	18589	10106	81825		
Squires Gate	318	62320	81021	08114	48432	12209	83812	83072	
Ronaldsway	204	72320	82011	06113	18532	10308	81824	87070	
Mull of Galloway	131	72435	80031	04413	38505	10211	82825	87075	
Eskdalemuir	162	72117	80038	03911	68431	09308	85713	84820	
Prestwick	135	62214	75031	02712	5853/	08310	82820	84635	
Abbotsinch	140	82218	65808	01013	584/2	10211	81818	84826	86070
Leuchars	171	72216	75801	00812	684/2	09220	81713	83818	85632
Dyce	091	61916	84021	98012	28442	08209	82818	85072	
Lerwick	005	21927	65010	91112	15631	10707	81640		
Wick	075	22026	84020	92312	15430	09501	81618		
Sule Skerry	010	42340	74011	87413	35580	11613	83620		
Cape Wrath	049	72334	70808	88011	784//	09219	82815	87620	
Stornoway	026	52324	68158	89211	59400	10223	83912	83818	
Benbecula	022	72122	65258	91813	784//	11222	81710	85814	
Tiree	100	72225	60158	95913	723//	11214	82708	86818	
Aldergrove	917	62015	65031	03511	45331	08209	81708	83630	
Malin	980	72127	62158	99213	58432	09211	82716	83820	
Belmullet	976	62327	66808	01713	635//	11310	85920	84920	
Birr	965	72111	75032	06911	656/2	08108	86634	85070	
Dublin	969	52113	82021	06912	15702	08210	81650	84070	
Shannon	962	72013	70808	07612	785//	09209	84822	85640	
Roches Point	952	72209	70031	10412	18404	09311	81817	87073	
Valentia	953	72414	70038	09713	48502	10212	81820	84640	86070

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	07141	14	d.r.d.d.	d.d.drd.r.rR
Hurn	862	07152	15	r.d.r.dddr	d.r.rRr.
Manston	797	00150	12	+	+
Gatwick	776	02151	15	d.	d.d.d.r.drr.r
Kew	775	01161	15	+	Rr.rr.r.
Heathrow	772	01161	15	+	r.d.r.d.r
Honington	586	01161	15	+	r.r
Wattisham	590				
Gorleston	497				
Aberporth	502	00111	09	+	+
Filton	628	03141	13	rRr.d.r.d.r.	d.r.drd.did.
Rhoose	715	07141	12	ir.ird.d.rdd.	d.
Hartland Point	703	00142	12		
Mount Batten	827	09131	13	Rrd.d.dr	d.d.rr.
St. Mawgan	817	04141	13	rd.r.rfd.	+
Scilly	804	01131	11	irir.d.d.	id.
Culdrose	809	03131	12	ir.Fid	+
Guernsey	894	97151	14	ir.	d.r.id.
Elmdon	534	02141	12	ir.r.r.d.r.dr	d.r.prDRd.r.
Cardington	559	01151	15	r.ir.	ir.r.rid.
Wittering	462	01151	14	r.r	d.r.d.
Watnall	354	03131	13	ir.rd.r.R	ir.d.r.dr
Shawbury	414	95101	05	r.r.d.r.r	+
Finningley	360	95131	09	ir.r	+
Spurn Point	396			irr.r.	r.r.ir.
Leeming	257	91131	09	d.r.	+
Tynemouth	262	00130	09	+	+
Carlisle	222	97131	10	+	pr.
Valley	302	00141	12	+	+
Ringway	334	01121	10	drRd.r.	+
Squires Gate	318	00141	12	+	+
Ronaldsway	204	00131	11	+	+
Mull of Galloway	131	95121			
Eskdalemuir	162	91111	09	pr.	pr.
Prestwick	135	00121	11	+	jp
Abbotsinch	140	01111	10	pr.	r.rpr.
Leuchars	171	91111	10	+	pr.
Dyce	091	00111	07	+	+
Lerwick	005	00101	09	+	+
Wick	075	00121	09	+	+
Sule Skerry	010	00111	08		
Cape Wrath	049	02102	10	pr.	pr.ir.
Stornoway	026	07111	10	pr.	prpr.pR
Benbecula	022	02111	10	prpr.	pr.
Tiree	100	03111	10	pRprpr.	pRprpr.
Aldergrove	917	00101	08	+	+
Malin	980	9712	10		
Belmullet	976	0112	10		
Birr	965	0011	09		
Dublin	969	0012	09		
Shannon	962	9311	10		
Roches Point	952	9711	09		
Valentia	953	9711	11		

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	02001	72910	97258	19010	73400	00209	/////	/////	05306	11216	3//03	34/11	
L	99570	70198	02004	73140	97258	91812	794//	00155	84912	83815	0//07	11360	30808	25011	
M	99663	10022	02004	81536	95636	90910	872//	24751	88706	/////	0//10	10972	30605	99/02	
R	99471	70167	02004	53112	98258	17916	55500	00216	85630	/////	0//12	11691	30803	/////	

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	02061	82509	98032	17111	2255/	00715	/////	/////	05207	11234	3//03	34/11	
L	99570	70200	02064	33132	97158	00010	22401	71129	82815	/////	0//05	11346	30807	28013	
M	99661	10023	02064	72120	97026	88110	72400	41211	87815	/////	0//09	10963	30504	18807	
R	99471	70165	02064	53218	98011	19015	555//	71208	85630	/////	0//09	11684	30502	36006	

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. 42289

Date of Issue SATURDAY 3 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 2 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	83102	65616	14013	6522/	12205	82704	85625	88550
Hurn	862	83207	60636	14313	6522/	13106	81705	86614	88525
Manston	797	82115	60605	14617	873//	15000	88707		
Gatwick	776	81911	32516	14116	872//	16604	84704	86706	88710
Kew	775	82006	20626	13717	872//	16604	82704	86706	88708
Heathrow	772	82008	42596	13317	872//	17501	82703	87705	88710
Honington	586	81907	58616	12717	872//	16802	86705	88709	
Wattisham	590								
Gorleston	497	81910	56606	13517	874//	16101	88710		
Aberporth	502	72713	72022	13115	58438	09108	85818	86360	87270
Filton	628	82713	75031	13517	7852/	12301	83820	85645	88460
Rhoose	715	82811	70252	13915	6847/	12206	82818	85635	88462
Hartland Point	703	73010	66026	14615	784//	12011	83815	84625	
Mount Batten	827	83010	70256	15017	6857/	12207	83820	85635	88360
St. Mawgan	817	82709	75028	15415	884//	13308	81810	88630	
Scilly	804	72708	68022	16015	4857/	12211	82825	84630	87360
Culdrose	809	82912	68028	15716	4147/	12307	81712	83820	85462
Guernsey	894	83208	24606	15514	870//	14305	82700	88701	
Elmdon	534	72511	75021	12317	32576	10000	83828	85468	87272
Cardington	559	82408	50506	13216	854//	15102	86710	88615	
Wittering	462	72310	68215	12816	3857/	10104	81822	83630	87462
Watnall	354	82410	81032	11717	44577	10000	82825	88270	
Shawbury	414	72515	80021	11916	3152/	10105	83826	87460	
Finningley	360	72213	82021	11118	52608	11302	85830	86075	
Spurn Point	396	72309	70036	11917	3857/	09204	81820	83640	87460
Leeming	257	72319	82021	09917	41632	07210	84830	87075	
Tynemouth	262	72311	69021	08017	23604	07209	82930	87075	
Carlisle	222	72517	80028	07716	58532	10210	84825	86072	
Valley	302	52323	75012	11316	18502	09207	81820	85075	
Ringway	334	72312	75028	11116	38538	09006	83822	87272	
Squires Gate	318	72317	80038	10716	28552	11208	81822	85362	87070
Ronaldsway	204	62217	70012	09115	48532	10209	81826	84632	85073
Mull of Galloway	131	62428	80012	06914	685//	11210	82825	86630	
Eskdalemuir	162	72019	70808	06612	734//	10213	84918	83820	
Prestwick	135	72320	68022	05415	68532	09213	82822	83628	85638
Abbotsinch	140	72218	60808	04114	684/2	11217	81714	86820	
Leuchars	171	72223	80038	03116	626/2	08216	86830		
Dyce	091	52020	84011	00716	38502	09220	81825	83630	
Lerwick	005	72133	50258	94113	7843/	11319	85815	83625	
Wick	075	72520	86158	97117	6243/	09233	86818	85359	
Sule Skerry	010	42325	75021	93814	43500	11236	83820	81920	
Cape Wrath	049	72318	65628	93811	774//	09223	87715		
Stornoway	026	72416	65258	96713	794//	11134	83912	86816	
Benbecula	022	32318	81038	98715	39400	10232	81916		
Tiree	100	72419	61808	01314	5336/	11227	81708	84912	
Aldergrove	917	62315	65258	06712	58432	10220	82712	85820	
Malin	980	62523	75258	04915	634/2	11335	81716	86918	
Belmullet	976	12619	75018	08715	18500	09233	81820		
Birr	965	52612	82258	10414	435/2	12214	84920	83070	82920
Dublin	969	52315	82258	09415	48532	10210	83825		
Shannon	962	42614	80258	11614	435/2	12221	84920	83070	
Roches Point	952	42317	85258	12517	48402	10203	84815		
Valentia	953	42810	75258	13714	49500	11221	84921		

OBSERVATIONS at 18h. 2 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	72708	81016	15414	4843/	11216	81815	84656	86358
Hurn	862	62904	80016	15916	18530	14108	81820	85360	
Manston	797	82908	40632	14715	872//	14307	83704	88705	
Gatwick	776	82104	64216	15114	6542/	13108	81710	85650	88462
Kew	775	72103	70216	15114	5567/	13209	81630	85645	87460
Heathrow	772	72004	63216	14915	4567/	13307	81630	84650	87462
Honington	586	82105	64216	13413	856//	13203	86640	88657	
Wattisham	590								
Gorleston	497	82505	58216	13614	872//	12303	88705		
Aberporth	502	22613	80031	14714	28500	11309	81820		
Filton	628	22712	80011	15316	28530	11311	82822		
Rhoose	715	32814	75251	15315	32530	10311	83822		
Hartland Point	703	22915	80021	16415	22500	11308	82825		
Mount Batten	827	33212	82011	16916	34430	10115	81818	83625	
St. Mawgan	817	12812	75011	17115	12500	11214	81820		
Scilly	804	32811	68021	17916	32500	13212	83825		
Culdrose	809	32813	75021	17515	38500	11215	82820		
Guernsey	894	72808	78026	17314	5123/	14212	81703	84706	86360
Elmdon	534	72711	75022	13916	11678	08310	81830	84360	86363
Cardington	559	72306	65016	14114	1457/	14306	81825	83359	87462
Wittering	462	82106	62026	13215	3557/	13307	81620	83645	88462
Watnall	354	72507	75012	13215	1167/	09308	81830	87361	
Shawbury	414	22510	81011	13615	18630	08307	81830		
Finningley	360	72506	75012	12316	1467/	08307	81630	87364	
Spurn Point	396	72609	66022	12717	2567/	08309	82630	87360	
Leeming	257	62414	70012	11116	35602	09106	83630	84070	
Tynemouth	262	52514	69022	09916	32644	09209	83830	84075	
Carlisle	222	72712	75038	09515	6843/	11313	81715	83825	85645
Valley	302	62708	82251	13214	6356/	11213	81920	85645	
Ringway	334	72309	82022	12716	58502	08208	82825	84635	85070
Squires Gate	318	22519	75011	11615	18531	12002	81825		
Ronaldsway	204	52614	82018	11514	58431	10217	81713	84650	
Mull of Galloway	131	23209	81018	10914	22500	09224	82825		
Eskdalemuir	162	62615	70259	09511	684//	08218	82712	83824	
Prestwick	135	32717	66018	09414	28431	08323	81616		
Abbotsinch	140	22513	80018	08114	28500	08126	82824		
Leuchars	171	22416	81028	06315	11642	08221	81830		
Dyce	091	32611	86018	04216	28532	08322	81825		
Lerwick	005	42222	68028	99212	38430	10218	81815	83630	
Wick	075	32422	83028	01614	18501	08223	81822		
Sule Skerry	010	62316	74031	99813	625//	10215	86820		
Cape Wrath	049	32318	80808	00811	38500	09232	83820		
Stornoway	026	52616	80028	02513	59400	09237	82915	84818	
Benbecula	022	72620	62808	05111	784//	10232	85814	87635	
Tiree	100	72716	62258	07412	734//	08224	81710	83916	85645
Aldergrove	917	32614	82018	10814	21630	08223	82830		
Malin	980	32724	75038	09713	23502	08222	82920		
Belmullet	976	52516	80031	12813	39433	08215	81717	83920	
Birr	965	12712	83018	14414	12500	08220	81822		
Dublin	969	12812	82018	12816	12500	08221	81825		
Shannon	962	22812	80018	15414	23500	08220	82922		
Roches Point	952	32814	75018	15716	38400	10215	82817		
Valentia	953	42710	75258	17014	38530	08219	82824	83640	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	03151	004	r.rRr.	+
Hurn	862	06171	005	r.d.r.Rrr.	+
Manston	797	03171	001	d.ir.	r.rRrrr.
Gatwick	776	09171	000	rd.r.d.d.DR-R	r.r.r
Kew	775	07171	000	r.d.rRr.r.	ir.
Heathrow	772	07171	000	d.r.d.r.drR	r.
Honington	586	09171	000	r.r.d.r.rRR	rr.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	92161	054	+	pr.
Filton	628	00171	011	+	+
Rhoose	715	97171	030	pr.	pr.
Hartland Point	703	00160	059		
Mount Batten	827	97171	026	pr.	+
St. Mawgan	817	91171	058	pr	+
Scilly	804	00180	058	+	+
Culdrose	809	94170	052	pr.	+
Guernsey	894	16161	001	id.irrrRfrr	rr
Elmdon	534	00171	029	+	+
Cardington	559	05171	000	id.rrR	+
Wittering	462	97181	010	r.	+
Watnall	354	00181	026	+	+
Shawbury	414	00171	042	+	+
Finningley	360	00191	046	+	+
Spurn Point	396			+	+
Leeming	257	00170	058	+	+
Tynemouth	262	00170	057	+	+
Carlisle	222	94171	070	pr.	pr.pR
Valley	302	92170	063	+	pr.
Ringway	334	97170	055	pr.	+
Squires Gate	318	97171	027	pr.	+
Ronaldsway	204	97171	063	pr.	pr.
Mull of Galloway	131	96151			
Eskdalemuir	162	03141	026	pr.tl.r.	tl.r.prpr.pR
Prestwick	135	02161	036	pr	pr.
Abbotsinch	140	97171	050	pr.	pr.
Leuchars	171	91171	091	+	pr.
Dyce	091	97181	094	pr.	pr.
Lerwick	005	92141	093	pr.	pr.
Wick	075	92141	096	pr.	pr.
Sule Skerry	010	00140			
Cape Wrath	049	05141	083	irpr	pr
Stornoway	026	05151	073	pr.pRpr.	pr.
Benbecula	022	01151	080	pr.	pr.
Tiree	100	94151	071	pr.pr	pr.
Aldergrove	917	01171	074	pr.pR	pr.
Malin	980	9615	067		
Belmullet	976	9716	088		
Birr	965	0216	063		
Dublin	969	9117	076		
Shannon	962	0417	061		
Roches Point	952	0117	073		
Valentia	953	0116	068		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

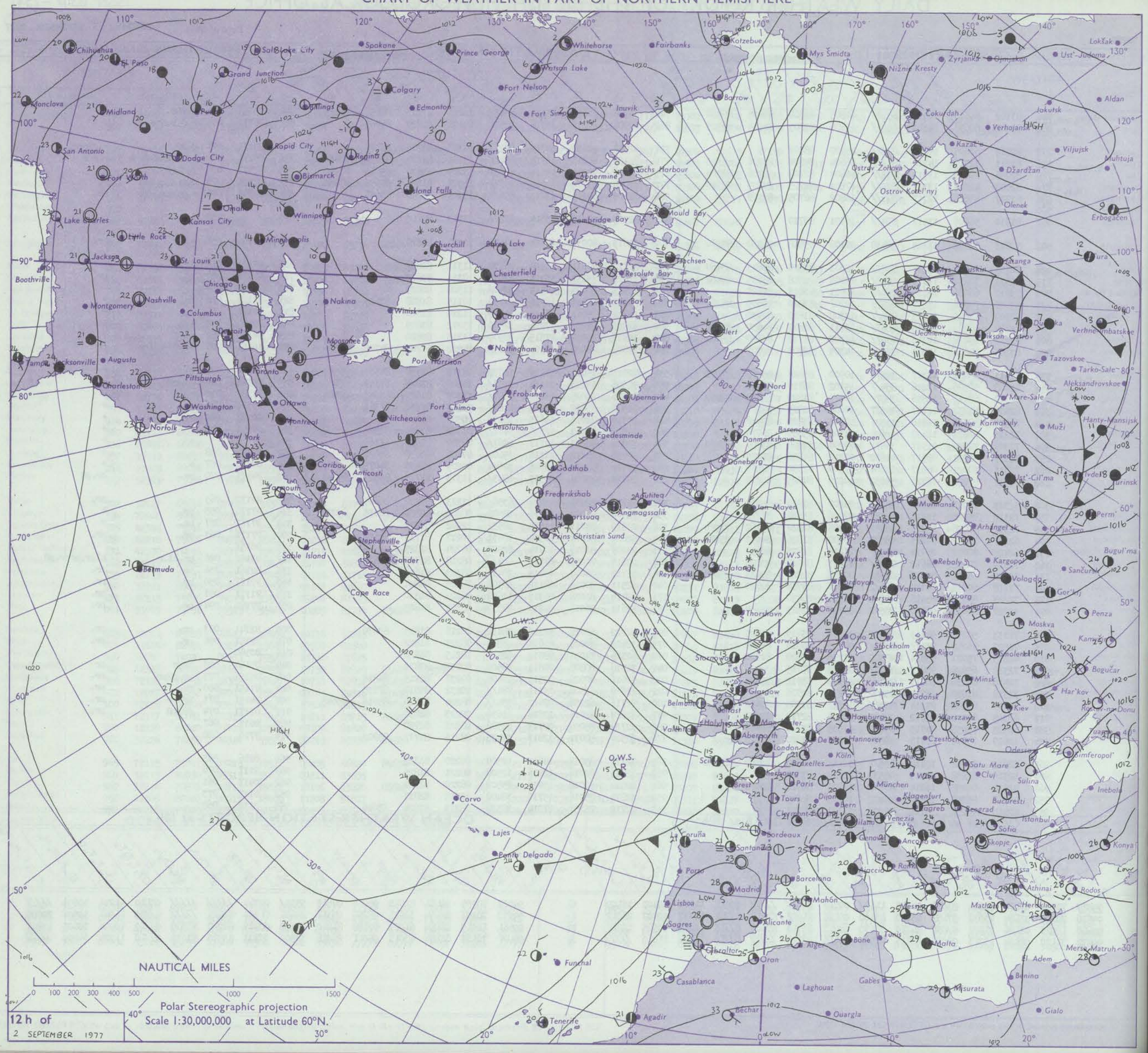
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02121	82211	98028	14212	1155/	00716	/////	/////	00011	11244	30403	35109
L	99570	70199	02124	43032	97158	05410	43400	00126	81912	83818	0//02	11337	30807	28012
M	99660	10020	02124	71822	97031	86710	75470	00717	85710	87649	0//10	10968	30505	18806
R	99472	70170	02124	23213	98031	22815	22501	00116	82820	/////	0//10	11704	31010	/////

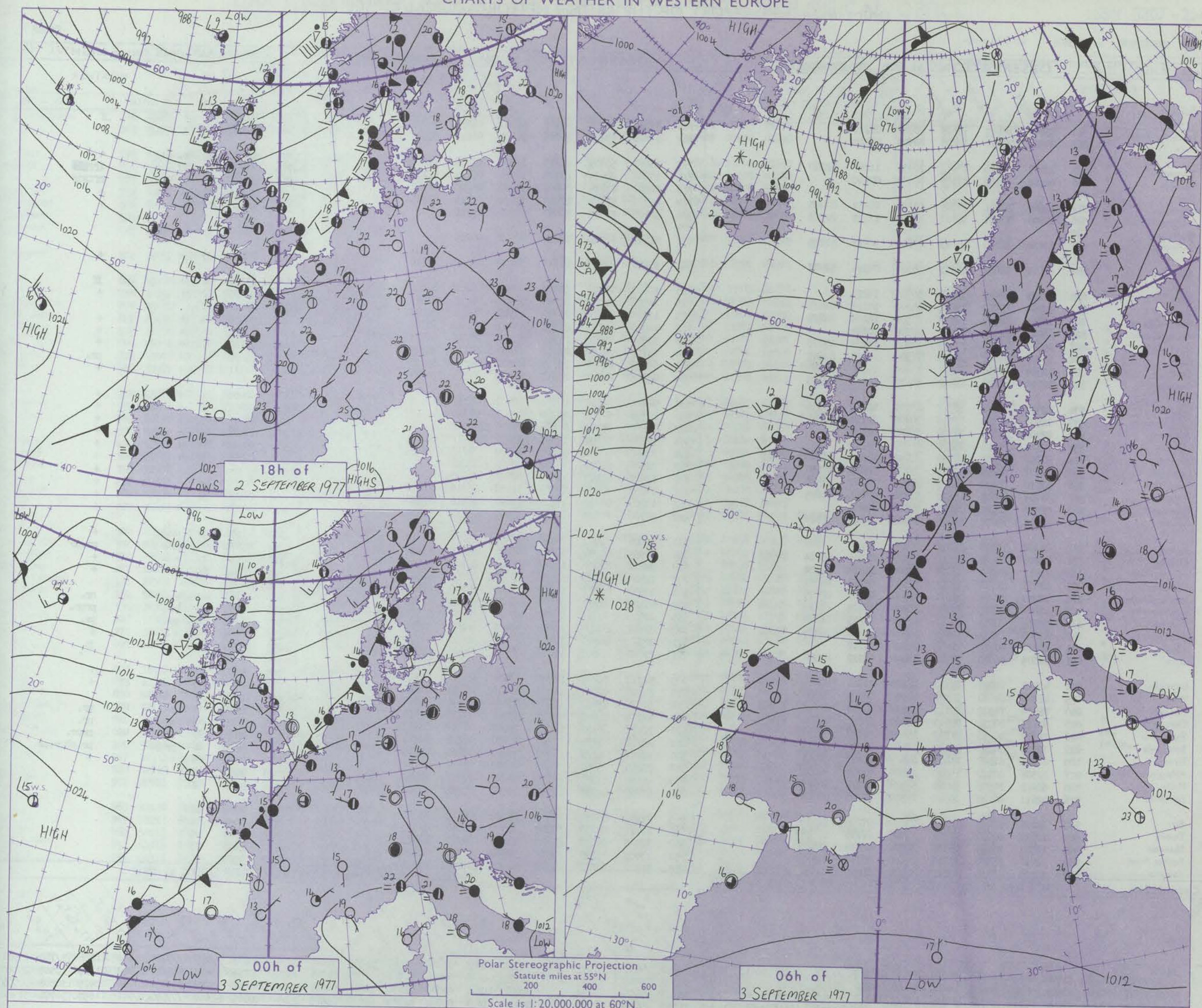
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02181	82015	98032	04513	5555/	00764	/////	/////	00110	11241	30708	/////
L	99570	70202	02184	32821	98251	09311	28401	71003	82818	/////	0//05	11341	30504	29009
M	99661	10019	02184	61927	97158	81410	49470	00825	82910	85360	0//10	10994	30605	17807
R	99471	70168	02184	43013	98011	24016	32502	00203	83820	83073	0//10	11724	31208	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 3 SEPTEMBER 1977

During the past 24 hours a deep depression between Scotland and Iceland moved northeast into the Norwegian Sea. A trough of low pressure moved eastwards over central and eastern districts followed by a ridge of high pressure extending from the Azores anticyclone.

During the next 24 hours a depression will approach Iceland from the southwest with associated frontal troughs reaching western Britain. An anticyclone will move northeastwards into northern France.

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

Code FM 11.V

OBSERVATIONS at 00h. 03 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	02403	65021	18409	00900	08211			
Hurn	862	00000	75011	18808	00900	08210			
Manston	797	22707	65016	17012	20931	11107	82360		
Gatwick	776	02102	58106	18109	00900	09110			
Kew	775								
Heathrow	772	12604	59031	17809	00901	09212	81075		
Honington	586	12508	45101	16611	10930	11113	81360		
Wattisham	590								
Gorleston	497	10000	66016	16413	00901	12213	81075		
Aberporth	502	23211	81028	18213	28500	09214	81825		
Filton	628	02804	80020	18012	00900	10211			
Rhoose	715	13202	75010	18011	12400	10110	81818		
Hartland Point	703	23008	74020	18714	22500	12208	82825		
Mount Batten	827	03002	62010	19511	00900	10109			
St. Mawgan	817	12910	75020	19613	11400	11209	81815		
Scilly	804	13008	65020	20613	12500	11210	81825		
Culdrose	809	12810	70030	20211	15600	10109	81630		
Guernsey	894	33210	81020	19812	20932	11208	82363		
Elmdon	534	12503	75021	16911	15700	08210	81656		
Cardington	559	02506	50101	17308	00900	08112			
Wittering	462	02508	70011	16709	00900	07110			
Watnall	354	02502	60011	16809	00900	08212			
Shawbury	414	52706	74021	16909	20942	08216	82360	85075	
Finningley	360	22103	62021	15709	25700	08213	82650		
Spurn Point	396	22410	75021	15313	20970	09209	82360		
Leeming	257	51802	80031	15311	55600	09121	85645		
Tynemouth	262	02510	69021	14211	00900	09216			
Carlisle	222	12102	65018	14609	18500	08219	81820		
Valley	302	03107	75018	17612	00900	08219			
Ringway	334	72206	70808	16612	784//	09216	83814	87640	
Squires Gate	318	13011	80031	16014	12500	11218	81824		
Ronaldsway	204	12808	82031	16011	12500	08118	81822		
Mull of Galloway	131	42415	82031	14811	45600	08211	84635		
Eskdalemuir	162	12207	70021	14307	16400	06115	81715		
Prestwick	135	32514	70011	13711	28531	08215	81820		
Abbotsinch	140	62508	75251	12611	68500	08118	82825	85640	
Leuchars	171	02214	80010	11108	00900	06217			
Dyce	091	22605	86020	09310	15640	06219	81640		
Lerwick	005	42519	70021	03110	48400	10321	82815	83630	
Wick	075	42309	84020	07409	40930	08225	84359		
Sule Skerry	010	72720	74502	05111	3357/	09220	83920	87360	
Cape Wrath	049	52717	80038	05910	58500	08220	82820	85625	
Stornoway	026	22309	80018	07709	28400	07117	81818		
Benbecula	022	32714	80258	09711	32400	08219	83819		
Tiree	100	62416	61808	11610	694//	08217	84915		
Aldergrove	917	22508	80020	15510	25600	07219	82632		
Malin	980	62818	70808	14010	695//	07218	86920		
Belmullet	976	22611	80028	16611	22500	07216	82820		
Birr	965	12206	80020	18108	15600	07208	81636		
Dublin	969	12612	82010	17509	12500	07218	81828		
Shannon	962	12504	80028	19109	18500	07314	81825		
Roches Point	952	12910	75020	19910	15600	08113	81635		
Valentia	953	32203	80038	20013	32500	09009	83824		

OBSERVATIONS at 06h. 03 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	13205	30100	20507	00901	06314	81075		
Hurn	862	10000	65110	20705	18501	05211	81820		
Manston	797	13007	56101	19210	15501	10312	81625		
Gatwick	776	10000	02414	20105	16031	05311	81701		
Kew	775	10000	03414	20405	10930	05220	81360		
Heathrow	772	12902	57100	20009	10930	09213	81365		
Honington	586	02708	56100	19009	00900	08316			
Wattisham	590								
Gorleston	497	02807	66020	18810	00900	09215			
Aberporth	502	33009	82010	21311	38400	08212	82818		
Filton	628	12603	70110	20909	15601	08216	81630		
Rhoose	715	13202	68020	20808	18401	08215	81816		
Hartland Point	703	13508	82020	21313	12500	09111	81825		
Mount Batten	827	10000	60020	21608	11401	08212	81815		
St. Mawgan	817	33505	80030	21910	38400	08213	81813	83650	
Scilly	804	13107	80020	22212	12500	10210	81825		
Culdrose	809	63209	57258	22111	68500	11210	85820		
Guernsey	894	43308	82021	21412	41402	11209	84814		
Elmdon	534	02405	62020	20208	00900	07315			
Cardington	559	02706	59100	20206	00900	06316			
Wittering	462	02806	65010	19808	00900	08317			
Watnall	354	12502	56100	19907	11400	07217	81810		
Shawbury	414	12605	80021	20205	18400	04316	81815		
Finningley	360	02508	62020	18709	00900	08218			
Spurn Point	396	02607	60010	18611	00900	09220			
Leeming	257	11202	89031	18009	11400	06316	81816		
Tynemouth	262	12707	69020	17210	11600	08316	81830		
Carlisle	222	22706	70020	17309	28500	08219	81820		
Valley	302	23006	81021	20710	22400	08217	82814		
Ringway	334	41905	60258	19809	48400	08216	83818		
Squires Gate	318	32812	82030	19113	32500	08318	83822		
Ronaldsway	204	12808	86020	19009	12501	08216	81820		
Mull of Galloway	131	22918	82011	18410	22500	07220	82825		
Eskdalemuir	162	42108	80028	17207	48400	05217	83818		
Prestwick	135	22613	75018	16710	29400	08114	81915		
Abbotsinch	140	42407	80258	15608	48400	06217	81716	83640	
Leuchars	171	22311	80020	14407	18430	06219	81812		
Dyce	091	22002	86020	13207	20970	04220	82360		
Lerwick	005	52312	75011	07710	43431	09217	82912		
Wick	075	22210	82011	11007	12530	05219	81820		
Sule Skerry	010	52710	74038	09011	33560	08216	82920	83358	
Cape Wrath	049	32714	82018	09710	33500	09223	83920		
Stornoway	026	22407	80258	11507	29400	06319	82915		
Benbecula	022	42717	83028	12911	42400	06216	84818		
Tiree	100	22712	82278	14909	29400	05216	81915		
Aldergrove	917	22009	75010	18408	26200	07212	82704		
Malin	980	42314	83038	16710	43500	07211	84820	81920	
Belmullet	976	62209	82038	17911	28502	07202	82820	86070	
Birr	965	21906	80030	20806	28502	06112	81820		
Dublin	969	12411	84030	20408	18500	06217	81825		
Shannon	962	32003	84038	20809	38500	08205	82823		
Roches Point	952	13403	75020	22009	18500	07309	81820		
Valentia	953	51202	80038	21309	42502	07204	84824		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.--03h.	WEATHER 03h.—09h.
Boscombe Down	746	91071	01	+	f
Hurn	862	00041	02	+	+
Manston	797	91091	08	r∘	+
Gatwick	776	00051	02	1f	1ff[redacted]
Kew	775	00051	50	ff	ff1F1f
Heathrow	772	00081	02	+	+
Honington	586	97081	06	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00111	08	+	+
Filton	628	00091	04	+	Jf
Rhoose	715	00080	02	+	+
Hartland Point	703	00130	10		
Mount Batten	827	00081	04	+	+
St. Mawgan	817	00101	05	+	+
Scilly	804	00120	07	+	+
Culdrose	809	93092	+	+	pr∘
Guernsey	894	00111	07	+	+
Elmdon	534	00061	01	+	+
Cardington	559	00051	01	+	+
Wittering	462	00071.	05	+	+
Watnall	354	97071	02	+	+
Shawbury	414	00041	00	+	+
Finningley	360	00070	04	+	+
Spurn Point	396			+	+
Leeming	257	00070	03	+	+
Tynemouth	262	00090	03	+	+
Carlisle	222	00081	03	+	+
Valley	302	97101	06	pr∘	+
Ringway	334	01071	06	pr∘	pr∘pr
Squires Gate	318	00131	11	+	+
Ronaldsway	204	00091	06	+	+
Mull of Galloway	131	00101			
Eskdalemuir	162	97061	01	+	pr∘
Prestwick	135	01091	07	pr∘	prpr∘
Abbotsinch	140	95071	05	pr∘	pr∘
Leuchars	171	00071	04	+	+
Dyce	091	00061	00	+	Jp
Lerwick	005	00091	07	+	+
Wick	075	00071	03	+	+
Sule Skerry	010	02091	07		
Cape Wrath	049	01092	09	pr∘	pr∘
Stornoway	026	92071	05	pr∘	pr∘
Benbecula	022	01091	07	pr∘	prpr∘
Tiree	100	02091	06	pr∘pr	pr∘ph∘r∘pr
Aldergrove	917	00061	05	+	+
Malin	980	0509	05		
Belmullet	976	9310	07		
Birr	965	9706	02		
Dublin	969	0008	04		
Shannon	962	9709	05		
Roches Point	952	9708	03		
Valentia	953	0108	07		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03001	82320	95616	91014	8732/	00760	/////	/////	00413	11233	3/Λ10	/////
L	99570	70201	03004	52316	98038	10111	58400	00802	81818	85640	0//05	11346	30303	29007
M	99664	10019	03004	82235	97038	85009	854//	41120	83710	88630	0//08	10963	30707	/////
R	99471	70171	03004	12810	98021	25715	12500	00603	81820	/////	0/Λ11	11705	31206	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03061	72817	96258	97011	78500	00232	/////	/////	05109	11236	3/Λ10	27/Λ1
L	99570	70198	03064	71924	97035	04011	35558	00738	83620	85362	0//08	11329	30505	29007
M	99662	10017	03064	72630	96808	92608	79300	61146	83807	85915	0//06	10975	30808	/////
R	99471	70171	03064	42313	98020	25015	25631	00605	82640	/////	0/Λ11	11695	30701	31904

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. 42290

Date of Issue SUNDAY 4 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 03 SEPTEMBER 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	43205	85014	22617	48601	08107	84832		
Hurn	862	30104	80030	23118	31600	10209	83830		
Manston	797	43308	68020	22116	11404	12212	81818	84075	
Gatwick	776	43206	80014	22518	32601	09208	83832		
Kew	775	33505	82024	22817	32601	08201	83832		
Heathrow	772	23205	81020	22518	22601	08207	82835		
Honington	586	52709	82011	21617	41601	07208	84832		
Wattisham	590								
Gorleston	497	43109	66020	21616	41500	08211	84825		
Aberporth	502	23007	80020	24013	21501	09211	82825		
Filton	628	43005	80030	23017	42600	10108	84830		
Rhoose	715	12512	84020	23117	12601	09107	81835		
Hartland Point	703	23304	93010	24114	12601	08010	81830		
Mount Batten	827	23106	89030	23718	28500	10106	82825		
St. Mawgan	817	23108	86020	24415	22401	10210	82818		
Scilly	804	30000	80030	24818	32500	12211	83820		
Culdrose	809	43409	80021	24615	48600	10109	84830		
Guernsey	894	33409	82031	23616	21402	13209	82810		
Elmdon	534	43107	75011	22316	42600	06106	84830		
Cardington	559	33006	81030	22318	32501	09105	83825		
Wittering	462	42710	80030	22016	41601	07303	84830		
Watnall	354	42509	82030	21717	42600	07107	84835		
Shawbury	414	52909	83021	22117	52600	08105	85830		
Finningley	360	22713	81010	20918	22600	05108	82835		
Spurn Point	396	32908	70020	21415	32500	07210	83820		
Leeming	257	42711	89020	20616	42600	04110	84840		
Tynemouth	262	42714	80020	19815	42500	05206	84825		
Carlisle	222	42611	82020	19915	42501	08109	81822	83825	
Valley	302	22510	83020	22915	12501	08207	81822		
Ringway	334	32810	82028	22215	32500	06109	83828		
Squires Gate	318	22612	84020	22315	22501	08214	82825		
Ronaldsway	204	22315	86020	21515	22501	09107	82825		
Mull of Galloway	131	22509	83030	20415	12541	08105	81825		
Eskdalemuir	162	52211	81251	19412	59500	07309	81920	84824	
Prestwick	135	32316	82158	19514	28504	08110	81820		
Abbotsinch	140	52314	82258	18213	48502	08105	82825	83645	
Leuchars	171	22416	86020	17315	21600	04213	82830		
Dyce	091	62610	86151	15714	68600	03110	81830	85838	
Lerwick	005	12418	83011	11212	11430	10220	81812		
Wick	075	62716	82808	13614	48532	06213	83822		
Sule Skerry	010	42512	74158	12511	33501	07217	83920		
Cape Wrath	049	52714	82028	12610	58500	06208	83820	85625	
Stornoway	026	72516	82038	13713	785//	05208	83825	85640	
Benbecula	022	52315	87258	14914	58402	08101	81818	85635	
Tiree	100	52316	82038	16715	28501	08204	82824	83075	
Aldergrove	917	32112	84020	19715	32501	07000	83822	83080	
Malin	980	42215	83258	18113	48502	09801	83820		
Belmullet	976	62019	81021	18415	635//	09000	84821	84635	81921
Birr	965	42110	84011	21315	48500	08801	83822		
Dublin	969	72211	84031	21215	525/2	08602	85828		
Shannon	962	52212	86011	21416	58502	09801	82827	83645	
Roches Point	952	61916	83031	22815	685/1	09001	86820		
Valentia	953	62111	82031	22115	68500	09000	85824		

OBSERVATIONS at 18h. 03 SEPTEMBER 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	22905	86020	23017	14601	09203	81835		
Hurn	862	13107	84011	23517	11601	07201	81840		
Manston	797	11405	80021	22916	14701	11203	81650		
Gatwick	776	12503	83020	23017	14602	11205	81840		
Kew	775	12601	82010	23218	11601	06400	81840		
Heathrow	772	22002	83030	22618	11601	06703	81840		
Honington	586	22803	84031	22617	24601	08305	81832		
Wattisham	590								
Gorleston	497	51306	66021	23215	52500	10206	85825		
Aberporth	502	12310	82020	23514	11502	07704	81825		
Filton	628	12708	84010	23616	14601	10203	81835		
Rhoose	715	12911	84020	24015	12501	09303	81828		
Hartland Point	703	22908	83020	24614	12601	10802	81830		
Mount Batten	827	12811	89010	24316	18631	11301	81832		
St. Mawgan	817	12906	86020	24914	12501	09102	81821		
Scilly	804	22305	81020	24816	11501	12706	81820		
Culdrose	809	33508	80030	25115	11601	08303	81830	83070	
Guernsey	894	13505	80020	24514	12402	12103	81815		
Elmdon	534	42406	81030	22816	24601	04501	81835	83075	
Cardington	559	42706	83021	22918	32601	09301	83830	83080	
Wittering	462	13005	81020	22816	14601	06303	81640		
Watnall	354	22602	82030	22616	14601	08102	81640		
Shawbury	414	42509	83021	22515	18602	05304	81835	83075	
Finningley	360	12807	85020	22116	14601	05304	81645		
Spurn Point	396	32910	75030	22416	28561	06205	81825	83360	
Leeming	257	12509	89010	22115	14604	04209	81645		
Tynemouth	262	22510	80020	21215	15501	04207	81625		
Carlisle	222	42408	83031	20113	18542	08802	81824	84075	
Valley	302	52119	83031	22314	14631	09806	81630	85075	
Ringway	334	22808	82011	22416	18601	07400	81840		
Squires Gate	318	22408	85021	22214	11601	09703	81840		
Ronaldsway	204	71918	75031	20614	18536	10806	81823	87075	
Mull of Galloway	131	72130	82021	18813	6855/	10712	81820	86630	
Eskdalemuir	162	52011	84031	19911	18542	07002	81825	85075	
Prestwick	135	72014	82021	18614	745/2	08811	81825	83638	87645
Abbotsinch	140	72108	82022	17914	7857/	07808	81822	83635	87650
Leuchars	171	32313	82011	17914	18602	06001	81830	83075	
Dyce	091	52404	86031	16215	24634	04000	81835		
Lerwick	005	32317	82020	13111	18432	09104	81812	83072	
Wick	075	72111	86038	14612	24534	07400	81625	86075	
Sule Skerry	010	72320	74028	12912	28548	09805	81820	83360	87275
Cape Wrath	049	72314	82032	12112	58531	08712	81820	85625	
Stornoway	026	72021	70158	11512	5847/	09722	83818	84640	87462
Benbecula	022	81919	82038	12312	5847/	10718	82818	83630	85650
Tiree	100	72018	82038	14713	45438	09714	81715	83630	87270
Aldergrove	917	72112	89021	18215	58576	08707	81826	84645	86275
Malin	980	72117	88018	15714	48538	08813	81820	83640	
Belmullet	976	71925	80216	14814	764/8	10723	84718	86640	87269
Birr	965	72108	83031	19715	585/2	07610	82822	84638	
Dublin	969	72111	84032	19716	585/2	07710	81827	85645	86070
Shannon	962	72115	88022	19915	48638	09709	81830	84645	
Roches Point	952	72017	80022	22014	38508	09705	83820	87275	
Valentia	953	72017	82031	20015	32572	10714	83823	86070	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00191	113	+	+
Hurn	862	00201	112	+	+
Manston	797	00190	116	+	+
Gatwick	776	00191	117	+	+
Kew	775	00191	111	+	+
Heathrow	772	00191	117	+	+
Honington	586	00191	105	+	+
Wattisham	590				
Gorleston	497		091		
Aberporth	502	00151	114	+	+
Filton	628	00180	115	+	+
Rhoose	715	00170	117	+	+
Hartland Point	703	00150	114		
Mount Batten	827	00181	121	+	+
St. Mawgan	817	00161	114	+	+
Scilly	804	00180	115	+	+
Culdrose	809	00170	090	+	+
Guernsey	894	00161	126	+	+
Elmdon	534	00180	116	+	+
Cardington	559	00190	116	+	+
Wittering	462	00181	119	+	+
Watnall	354	00180	110	+	+
Shawbury	414	00180	110	+	+
Finningley	360	00190	120	+	+
Spurn Point	396			+	+
Leeming	257	00170	109	+	+
Tynemouth	262	00170	118	+	+
Carlisle	222	00161	118	+	+
Valley	302	00160	110	+	+
Ringway	334	00170	106	+	+
Squires Gate	318	00160	106	+	+
Ronaldsway	204	00151	106	+	+
Mull of Galloway	131	00160			
Eskdalemuir	162	97151	098	pr.	+
Prestwick	135	91151	065	pr.	+
Abbotsinch	140	01151	071	prpr.	+
Leuchars	171	00161	091	+	+
Dyce	091	00171	100	jp	jp
Lerwick	005	00130	101	+	+
Wick	075	92151	094	pr.	+
Sule Skerry	010	94131			
Cape Wrath	049	97120	071	pr.	+
Stornoway	026	92151	055	pr.	pr.
Benbecula	022	97151	069	pr.	pr.ir.
Tiree	100	97151	073	pr.	+
Aldergrove	917	00171	081	+	+
Malin	980	9116	050		
Belmullet	976	9716	045		
Birr	965	9717	078		
Dublin	969	0017	077		
Shannon	962	9717	059		
Roches Point	952	0016	093		
Valentia	953	0017	065		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

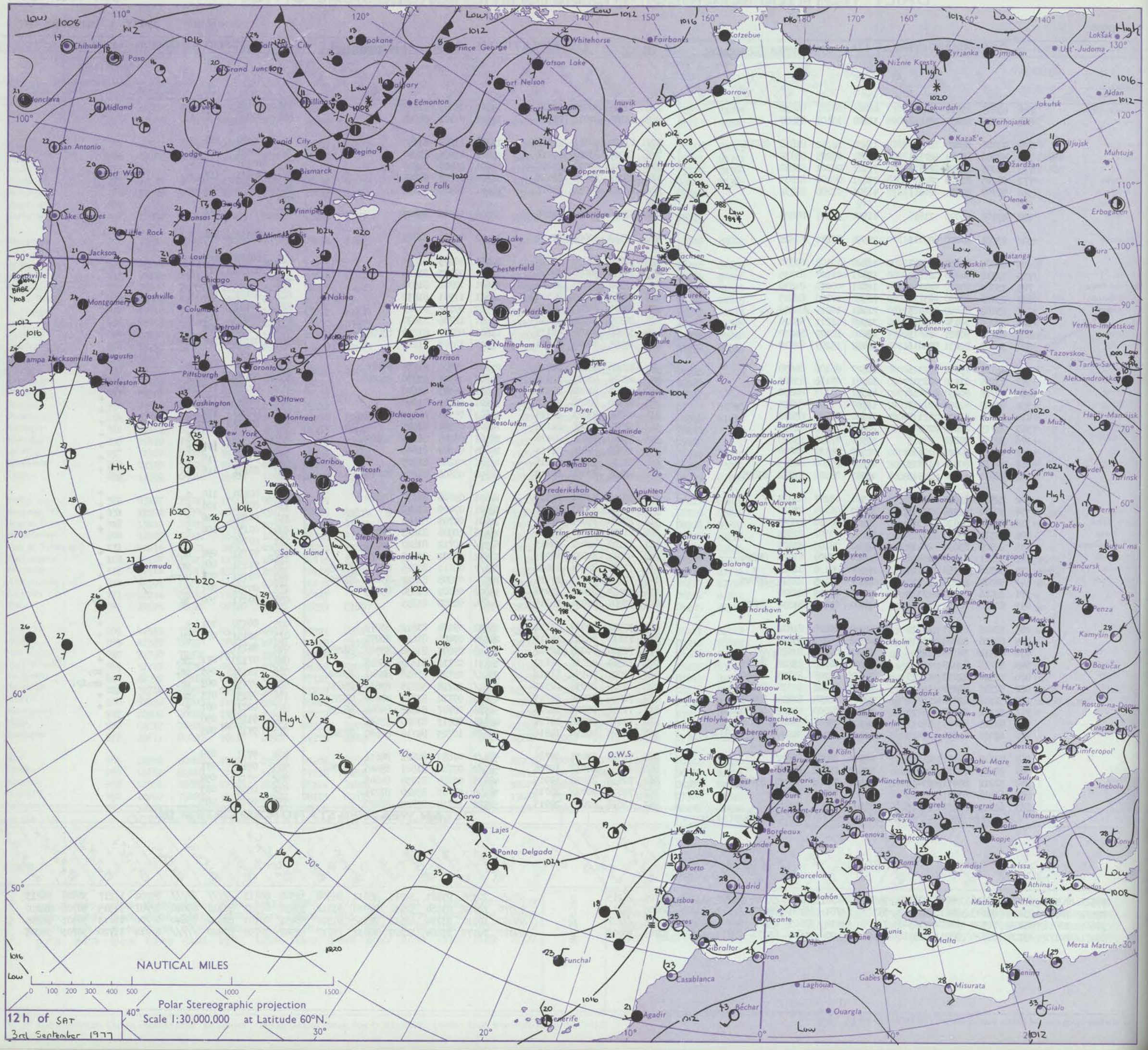
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_w'P_w'H_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03121	32916	98018	05109	34500	00232	/////	/////	05303	11169	30709	26213
L	99572	70197	03124	81743	94616	88212	6732/	21784	86708	88550	0//12	11313	30808	99/11
M	99661	10016	03124	72524	98024	00508	75400	61232	87615	/////	0//05	10986	30808	/////
R	99471	70172	03124	32320	98011	25316	15601	00400	81640	83070	0//12	11693	30703	30006

OCEAN WEATHER STATION REPORTS at 18h.

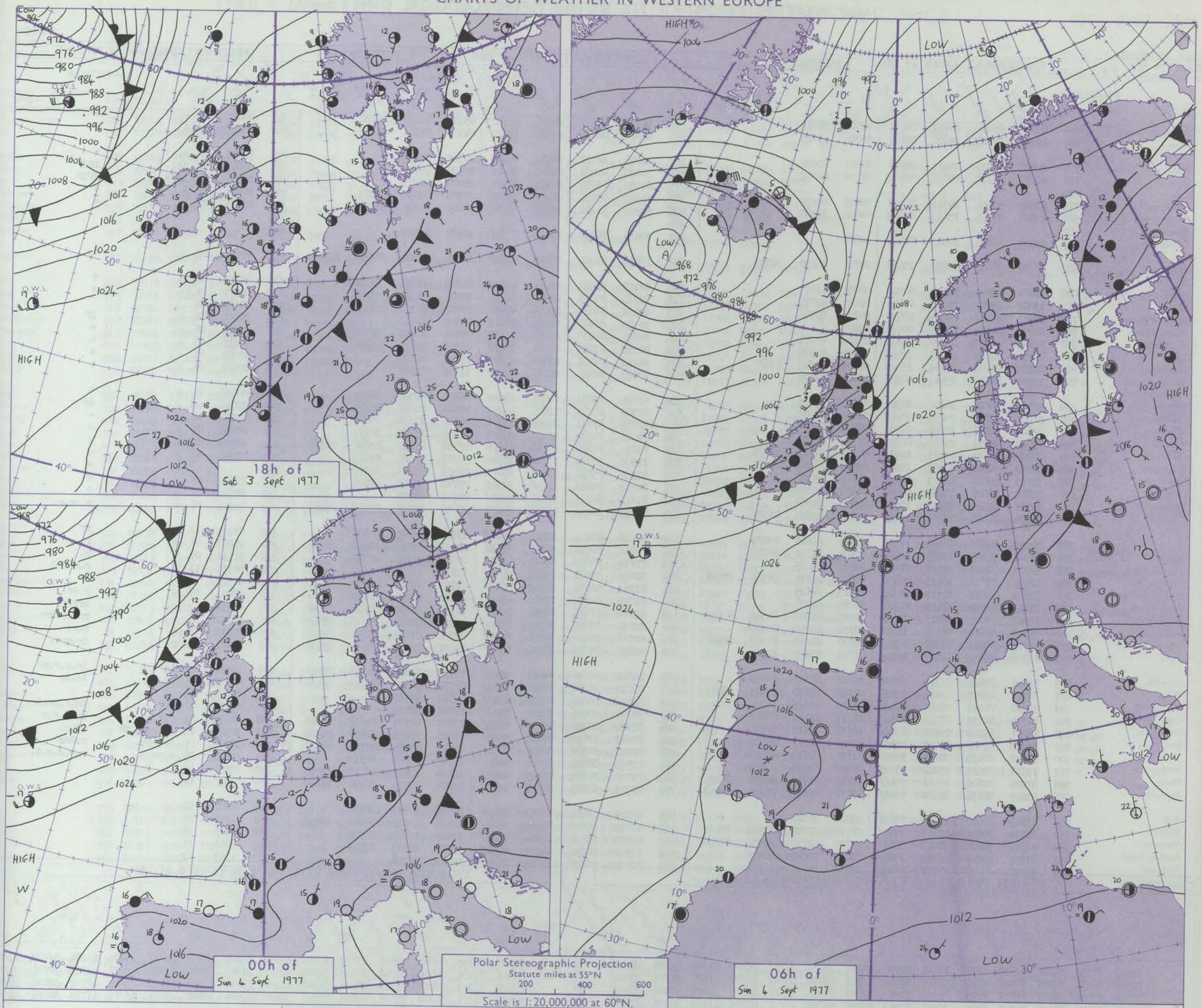
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGG_{iw}$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_w'P_w'H_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03181	32915	98011	08508	32500	00112	/////	/////	05704	11217	30608	26213
L	99570	70192	03184	52430	97018	91812	38432	00323	81818	83640	0//07	11345	30706	18010
M	99660	10010	03184	62612	98158	01308	58431	00101	82810	85640	0//06	11013	30301	26805
R	99470	70173	03184	22220	98031	23717	12542	00708	81820	/////	0//14	11720	30703	30005

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 4 SEPTEMBER 1977

During the past 24 hours a deep depression between south Greenland and Iceland moved slowly eastnortheast with an associated cold front reaching the northwestern coasts of Ireland and Scotland. A ridge of high pressure from the Azores to East Anglia drifted slowly south. During the next 24 hours the deep depression west of Greenland is expected to move eastnortheast to reach southern Iceland, filling slowly. The associated cold front will move south to reach the southeast of England. The ridge of high pressure from the Azores will move slowly south into France.

Code FM 11.V

OBSERVATIONS at 00h. 4 SEPTEMBER 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	43102	80011	24509	00901	07000	84078		
Hurn	862	20000	80020	24808	00901	07000	82075		
Manston	797	22008	68030	24411	25600	09001	82640		
Gatwick	776	20000	24110	24708	00902	07102	82080		
Kew	775								
Heathrow	772	42803	57050	24311	00901	09003	84075		
Honington	586	21703	57101	23610	00902	09002	82080		
Wattisham	590								
Gorleston	497	02010	66021	24013	00900	10803			
Aberporth	502	41810	75031	22809	15602	08711	81630	84070	
Filton	628	22004	75011	24410	00902	08001	82075		
Rhoose	715	13002	84020	24309	00901	08000	81075		
Hartland Point	703	22111	85011	24411	20930	09803	82360		
Mount Batten	827	00902	80011	25009	00900	08802			
St. Mawgan	817	31605	86020	25109	00902	08803	83075		
Scilly	804	22111	82020	24413	12502	10707	81820		
Culdrose	809	42105	82031	24809	15602	08805	81640	83070	
Guernsey	894	13303	82020	25411	00902	10400	81075		
Elmdon	534	51501	66021	24006	00902	05000	85075		
Cardington	559	52302	70021	24006	00901	06000	85075		
Wittering	462	32605	62030	23708	00901	06802	83075		
Watnall	354	62402	60031	23409	00901	07802	86078		
Shawbury	414	50000	81011	23106	10932	05804	81362	84072	
Finningley	360	62602	60041	22308	10942	05803	81362	86075	
Spurn Point	396	52003	70031	22913	50970	07704	85360		
Leeming	257	21702	80020	21807	00902	05808	82070		
Tynemouth	262	12305	69020	20710	10930	07812	81360		
Carlisle	222	71904	80031	18511	2563/	08718	82648	86364	
Valley	302	32125	80021	20614	15502	09713	81626	83075	
Ringway	334	61609	75021	22409	10942	05809	81362	86075	
Squires Gate	318	52011	81021	21112	00902	09710	85075		
Ronaldsway	204	72021	75012	18413	16432	10810	81714	86362	87073
Mull of Galloway	131	72327	83031	17113	755//	11811	87625		
Eskdalemuir	162	81711	60032	17611	863//	09720	88708		
Prestwick	135	72013	70022	16013	25638	10718	81630	84362	87275
Abbotsinch	140	51810	68012	15113	15710	09719	81650	85460	
Leuchars	171	82109	80021	15612	2577/	08820	82650	87360	88462
Dyce	091	71706	82022	14811	3573/	07718	83650	87364	
Lerwick	005	51816	82021	11311	58430	10819	81812	84650	
Wick	075	71716	81022	11012	55638	08722	83630	84645	85359
Sule Skerry	010	82020	74022	08312	855//	03739	88625		
Cape Wrath	049	82314	80032	07211	885//	10733	85820	88625	
Stornoway	026	82027	65216	05612	854//	10737	83618	88635	
Benbecula	022	81825	60586	05611	854//	11838	85711	88615	
Tiree	100	81827	60636	08913	3742/	11735	83715	88535	
Aldergrove	917	71817	80022	15012	2572/	07824	82656	87459	
Malin	980	81926	70606	10512	5542/	10731	82716	84650	88458
Belmullet	976	81829	58636	08514	6642/	13737	84710	84637	88550
Birr	965	71913	80022	17013	756//	09818	87641		
Dublin	969	82014	80022	17813	3557/	07718	82628	83648	88465
Shannon	962	81916	58606	16413	3642/	11720	82717	83630	88556
Roches Point	952	81923	75022	19715	3567/	10816	83640	88459	
Valentia	953	82020	60636	17014	864//	13818	88715		

OBSERVATIONS at 06h. 4 SEPTEMBER 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	51705	74111	24106	11531	05500	81820	85080	
Hurn	862	43002	07460	24504	16031	04301	81701	84075	
Manston	797	21806	64020	24611	00901	10302	82075		
Gatwick	776	70000	01464	24805	56001	05500	85701		
Kew	775	60000	75284	24404	00901	04400	86073		
Heathrow	772	41503	61031	24109	15701	07500	81656	84078	
Honington	586	51802	58031	23308	15602	07000	81640	85080	
Wattisham	590								
Gorleston	497	32010	66030	23612	00901	10400	83075		
Aberporth	502	71812	81021	20412	4853/	10609	81820	84650	87360
Filton	628	62107	83021	23507	15732	06500	81656	85078	
Rhoose	715	62310	83031	22912	10931	09505	81360	86075	
Hartland Point	703	62114	85031	22611	40931	09607	84360	86075	
Mount Batten	827	31102	86400	24206	38401	05502	81712		
St. Mawgan	817	31810	86030	23610	18432	09605	81818	83075	
Scilly	804	52213	82031	22914	38532	10706	82820	83358	
Culdrose	809	52211	80031	23512	42501	11703	84820		
Guernsey	894	10000	82020	24712	00902	11602	81075		
Elmdon	534	61605	63031	22807	20932	06605	82362	86075	
Cardington	559	62307	62281	23605	15704	05601	81656	86075	
Wittering	462	52105	57031	22905	15701	05606	81656	85075	
Watnall	354	71908	60031	21907	30971	06709	82360	86078	
Shawbury	414	71811	81022	20710	38578	07710	81820	83650	86360
Finningley	360	71906	68031	21106	30948	05706	83360	87075	
Spurn Point	396	52306	75031	21911	20971	07503	82360	85075	
Leeming	257	71513	70021	18910	30942	07712	83363	87070	
Tynemouth	262	71915	66021	17410	7097/	08717	87359		
Carlisle	222	82313	80212	14813	25477	09719	81714	83362	86465
Valley	302	82027	80211	17514	2547/	11713	82615	88459	
Ringway	334	71811	80021	20210	16432	07611	81710	84362	86075
Squires Gate	318	71714	70602	18411	5567/	09612	85635	87359	
Ronaldsway	204	82026	59602	14713	6542/	11717	83713	85618	88459
Mull of Galloway	131	82142	59616	10312	3642/	12733	83715	88535	
Eskdalemuir	162	81820	60602	13611	854//	09722	86710	88625	
Prestwick	135	82021	57636	10512	7542/	11733	82710	83628	86640
Abbotsinch	140	82018	58636	08912	7542/	11835	84714	86618	88550
Leuchars	171	82016	80212	10513	2557/	08728	81620	87359	88460
Dyce	091	81820	75636	08312	6532/	09837	83708	85645	88460
Lerwick	005	71822	60616	04811	2577/	11733	82650	84358	87469
Wick	075	81820	65216	03612	5552/	09736	82620	84628	88458
Sule Skerry	010	81624	66616	00112	874//	09741	88715		
Cape Wrath	049	82314	60586	99112	874//	10745	88710		
Stornoway	026	72314	70216	99711	4523/	11514	81705	83618	85360
Benbecula	022	72213	63016	01412	4533/	12303	83708	84630	85365
Tiree	100	82221	30596	03912	7722/	12510	83705	87708	88520
Aldergrove	917	81918	60616	10012	863//	11725	83708	88710	
Malin	980	71929	70606	05213	6642/	12714	83712	86717	85645
Belmullet	976	72313	62215	07113	7547/	12204	81714	86638	87450
Birr	965	82015	60606	12413	864//	11618	87710	88634	
Dublin	969	82019	65616	13114	5542/	11726	81714	85640	88458
Shannon	962	82017	65615	12314	854//	13614	83713	88632	
Roches Point	952	81932	58606	16314	6642/	13717	85715	88556	
Valentia	953	82023	56636	13015	863//	14615	88708		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00051	01	+	+
Hurn	862	00031	04	+	f
Manston	797	97090	07	+	+
Gatwick	776	00041	01	1f	1ffF
Kew	775	00041	51	1FFF	FF1F
Heathrow	772	00081	02	+	+
Honington	586	97071	03	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	97091	05	+	r.
Filton	628	00070	00	+	+
Rhoose	715	00070	01	+	+
Hartland Point	703	00100	08		
Mount Batten	827	00051	04	+	jf
St. Mawgan	817	00091	05	+	+
Scilly	804	00130	08	+	+
Culdrose	809	97080	03	+	+
Guernsey	894	00111	05	+	+
Elmdon	534	00050	01	+	+
Cardington	559	00040	51	+	1f
Wittering	462	97051	00	+	+
Watnall	354	00060	03	+	+
Shawbury	414	00050	02	+	+
Finningley	360	00040	00	+	+
Spurn Point	396			+	+
Leeming	257	00060	03	+	+
Tynemouth	262	00090	07	+	+
Carlisle	222	92101	07	+	r.-r.r.
Valley	302	03131	12	+	rr
Ringway	334	97090	07	+	r.
Squires Gate	318	97111	09	+	r.
Ronaldsway	204	04131	11	+	r.r.rrR
Mull of Galloway	131	01121			
Eskdalemuir	162	06091	07	+	r.rr
Prestwick	135	09111		r.	rrr.r.
Abbotsinch	140	08121	10	+	rrd.r.drr.
Leuchars	171	91111	10	+	r.r.
Dyce	091	01101	07	r.	ir.rrr.
Lerwick	005	04101	09	+	ir.r.r.rr
Wick	075	01111	09	ir.	ir.ir
Sule Skerry	010	04091	09		
Cape Wrath	049	04112	09	pr.	id.r.pr.ir.
Stornoway	026	04112	10	r.r.r	rr.d.r.r
Benbecula	022	10101	10	ir.rd.r.rR	rd.r.
Tiree	100	10111	11	ir.rrR	rrRdr
Aldergrove	917	06101	09	r.rr.	r.r.d.r.d.
Malin	980	0311	10		
Belmullet	976	1312	12		
Birr	965	0212	10		
Dublin	969	9313	10		
Shannon	962	0413	12		
Roches Point	952	9213	11		
Valentia	953	1113	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04001	22918	97018	10110	22500	00212	/////	/////	05304	11161	3//09	26/13
L	99568	70184	04004	52427	97808	93910	58400	21303	83818	83640	0//06	11317	30707	20010
M	99660	10010	04004	72719	98032	02907	75500	00209	87630	/////	0//03	11003	30402	26804
R	99470	70172	04004	52223	98031	22417	00902	00709	85070	/////	0//15	11724	30805	/////

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	04061	52816	97018	11409	53400	00204	/////	/////	05404	11208	3//08	26/13
L	99566	70174	04064	62245	97258	94009	633//	21305	83709	85920	0//07	11326	30709	20012
M	99660	10012	04064	71818	97602	01309	65470	00817	81710	86625	0//08	10992	30402	26802
R	99469	70171	04064	32325	98021	21017	35630	00604	83640	/////	0//16	11724	30806	/////

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. Brackn

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 42291

ISSN 0307–2541

Date of Issue MONDAY 5 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 04 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62015	84031	22517	21634	07711	82830	85075	
Hurn	862	42310	80034	23817	11602	09804	81830		
Manston	797	52110	83011	23819	14601	07706	81835	84075	
Gatwick	776	42013	80024	23519	38601	09808	82835		
Kew	775	22213	81021	23218	11601	07812	81835		
Heathrow	772	22110	80011	22819	11602	08711	81835		
Honington	586	72116	86021	21718	18602	05807	81830	87078	
Wattisham	590								
Gorleston	497	71920	66021	22318	52602	09812	85830	84075	
Aberporth	502	82020	65616	19014	6842/	12809	81712	83816	86640
Filton	628	72413	87032	21717	38538	09811	82825	83272	86078
Rhoose	715	72313	85022	21719	24531	11709	82625	84360	87075
Hartland Point	703	72424	86022	21315	48578	09606	81820	84650	87360
Mount Batten	827	72314	86031	23416	22536	12805	82820	87272	
St. Mawgan	817	72216	86021	22417	31588	11706	83825	87275	
Scilly	804	62020	82022	22216	48502	14703	82820	83633	86080
Culdrose	809	62216	82022	22716	28532	12805	81822	86070	
Guernsey	894	32107	82021	24816	12402	11601	81818		
Elmdon	534	72117	70212	20615	11572	08713	81825	87360	
Cardington	559	62214	80022	21918	38532	10815	82825	86078	
Wittering	462	62218	82032	20817	38602	05716	81840	83657	85075
Watnall	354	72117	80212	19516	11572	09612	81824	85359	87072
Shawbury	414	82115	62606	18814	855//	11609	86620	88635	
Finningley	360	72315	80032	18416	2157/	08514	82825	84360	87464
Spurn Point	396	72020	70022	19217	50978	04717	85360	87275	
Leeming	257	72022	86022	15015	45502	08823	84620	87073	
Tynemouth	262	81920	66258	13314	8092/	11721	88558		
Carlisle	222	82319	65616	11814	853//	13611	83708	88618	
Valley	302	82135	50616	15514	5732/	12712	81709	85712	88525
Ringway	334	81914	59636	18613	6552/	11503	86622	88556	
Squires Gate	318	82019	64626	16114	7542/	12709	85714	86625	88550
Ronaldsway	204	82131	45606	12314	873//	13506	83708	88710	
Mull of Galloway	131	82344	60022	09414	874//	12007	88715		
Eskdalemuir	162	81921	18636	10013	873//	12614	85707	88710	
Prestwick	135	82715	58616	09212	7841/	11307	82710	84713	86624
Abbotsinch	140	72606	81216	08113	754/2	12309	82710	83622	87634
Leuchars	171	82118	50586	07314	854//	13507	84710	88616	
Dyce	091	81815	70606	05514	6547/	12814	85711	86624	88460
Lerwick	005	72024	60216	01511	783//	11609	83708	83815	86630
Wick	075	62211	83216	02114	38532	10000	82822	83360	85072
Sule Skerry	010	62324	64036	99814	655//	11809	86625		
Cape Wrath	049	62318	70018	00113	5853/	10202	83820	85625	
Stornoway	026	52421	81038	00914	58500	06107	84820		
Benbecula	022	62122	75031	02314	684//	08205	82818	86640	
Tiree	100	62221	70016	05215	684//	10209	82816	85640	
Aldergrove	917	42213	82026	09615	22531	12213	82825		
Malin	980	62525	72256	07515	684//	12211	83716	83820	
Belmullet	976	32323	78018	09415	38400	09109	81716		
Birr	965	82110	66216	12615	7732/	12108	85706	87711	88458
Dublin	969	82117	80216	12016	864//	13803	82710	88716	
Shannon	962	72513	80016	13117	585/2	13208	83820	83640	85070
Roches Point	952	81926	30616	15115	873//	14606	88709		
Valentia	953	72211	70026	14317	11472	14206	81816	85360	85070

OBSERVATIONS at 18h. 04 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72111	84032	20914	60976	08706	83360	85465	87275
Hurn	862	72211	82031	22015	11676	10707	81830	85270	87075
Manston	797	52112	81031	21915	15734	09607	81656	85075	
Gatwick	776	62111	83031	21715	15736	06803	81656	86280	
Kew	775	72313	82031	21417	40936	06703	84362	86275	
Heathrow	772	72010	83031	21017	25736	07803	82656	86275	
Honington	586	72010	82022	19517	50972	07607	83363	84468	87075
Wattisham	590								
Gorleston	497	41820	66021	20217	40970	13708	84362		
Aberporth	502	81920	56596	16714	5732/	13611	85707	88540	
Filton	628	72413	81032	19916	4567/	10505	82630	83460	87362
Rhoose	715	82313	81022	19716	45577	11709	82622	83640	85360
Hartland Point	703	82730	80022	19515	5851/	12708	81820	85640	88460
Mount Batten	827	72417	68022	22015	3857/	12704	81820	83640	87462
St. Mawgan	817	82213	82022	21215	31477	12802	83812	88270	
Scilly	804	82218	75022	20816	6851/	14705	81820	86630	88460
Culdrose	809	82313	70022	21415	48477	14705	81816	84620	88268
Guernsey	894	72106	80021	23514	10938	10503	81362	86275	
Elmdon	534	82113	68616	18815	1157/	10609	81822	83358	88462
Cardington	559	72113	75022	19817	7097/	10708	85359	87364	
Wittering	462	82009	83032	19116	5562/	08707	83645	85656	88460
Watnall	354	82012	62616	18013	1572/	12710	81650	88557	
Shawbury	414	82115	75606	16915	5557/	11808	82624	85650	88360
Finningley	360	72110	70216	16514	1577/	11714	81656	87458	
Spurn Point	396	82112	64606	18114	3557/	11804	83625	88460	
Leeming	257	71913	78152	14515	754//	11608	85619	87650	
Tynemouth	262	52318	69026	12115	25604	12706	82630	85075	
Carlisle	222	72117	75216	10315	58432	13810	83710	85625	85363
Valley	302	82127	25616	13815	872//	14607	88703		
Ringway	334	71812	65216	15913	6557/	11614	83620	85645	87359
Squires Gate	318	82119	40596	14114	873//	14709	86707	88710	
Ronaldsway	204	82114	70036	11614	4547/	12705	81711	84640	88462
Mull of Galloway	131	72130	84028	09414	4853/	12807	81825	84630	87360
Eskdalemuir	162	72119	62256	09613	32338	11703	83708	83362	87274
Prestwick	135	72208	75028	08415	685/2	11808	82824	83830	85645
Abbotsinch	140	72307	75021	07715	38532	09805	81822	84365	86070
Leuchars	171	72417	82036	07215	18532	08002	81828	87072	
Dyce	091	62018	84036	05115	21642	07003	82830	86072	
Lerwick	005	32121	62158	01011	38400	09801	81812	83630	
Wick	075	62314	82031	02014	35632	05801	83630	83359	
Sule Skerry	010	42332	70011	99013	11530	08717	81820	84360	
Cape Wrath	049	32323	80018	98813	38530	08713	81820	83625	
Stornoway	026	22126	65258	98712	22400	08817	82818		
Benbecula	022	22225	70258	00111	28400	10817	82816		
Tiree	100	62126	60051	03913	3563/	09813	83630	85359	
Aldergrove	917	72414	80021	09515	3552/	09102	83628	87460	
Malin	980	62326	80258	07513	684//	09301	81716	84820	
Belmullet	976	52324	74011	09314	554//	09503	82717	84638	
Birr	965	72514	82022	12815	785//	11303	85821	86638	
Dublin	969	72210	80036	11716	3557/	12706	81622	83640	87460
Shannon	962	62412	82012	13615	38532	10309	81822	83650	
Roches Point	952	72108	75026	15316	4847/	14305	84713	87361	
Valentia	953	72514	75022	15215	5647/	11309	85719	87460	

OBSERVATIONS during DAY

Station	iii	RRTTxxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00181	087	+	+
Hurn	862	00181	100	+	+
Manston	797	00190	110	+	+
Gatwick	776	00191	102	+	+
Kew	775	00191	107	+	+
Heathrow	772	00201	104	+	+
Honington	586	00200	093	+	+
Wattisham	590				
Gorleston	497		085		
Aberporth	502	06141	000	r.r.ir.dr.	d.r.drr
Filton	628	00180	061	+	+
Rhoose	715	91191	067	+	ir.
Hartland Point	703	97161	037		
Mount Batten	827	00171	088	+	+
St. Mawgan	817	00181	054	+	+
Scilly	804	00170	053	+	+
Culdrose	809	00171	055	+	+
Guernsey	894	00171	113	+	+
Elmdon	534	01151	018	ir.r.r.	ir.r.r.
Cardington	559	00200	090	+	+
Wittering	462	97180	047	+	r.
Watnall	354	02171	014	r.ir.r.r.	r.r.r
Shawbury	414	01151	000	ir.rd.r.	r.d.r.
Finningley	360	93171	009	r.r.	r.r.
Spurn Point	396			ir.	ir.r.r.
Leeming	257	97150	001	+	r.
Tynemouth	262	01161	001	pr	ir.
Carlisle	222	03151	000	r.r.rr.r.rr.	r.r.
Valley	302	07151	000	rrr.r.ir.	rrd.d.
Ringway	334	08141	001	r.r.rr	r.r
Squires Gate	318	11152	001	r.r.r	r.rRdrd.r.
Mull of Galloway	204	03151	000	r.r.rir.	ir.
Eskdalemuir	131	92141			
Prestwick	162	17131	000	rrRrr.dr	drd.r.pr.
Abbotsinch	135	01171	021	r.r.ir	pr.
Leuchars	140	03171	036	rrdrd.r.	pr.
Dyce	171	93181	039	r.r.d.r.	+
	091	97191	031	r.r.d.r.	+
Lerwick	005	03151	028	r.r.	pr.
Wick	075	96171	052	ir.	+
Sule Skerry	010	02141			
Cape Wrath	049	04132	059	id.pr.	pr.
Stornoway	026	01151	075	pr.	pr.pR
Benbecula	022	03151	039	pr.	pr.pR
Tiree	100	01151	056	+	pr.pr
Aldergrove	917	02181	034	d.-d.r.Rr.	+
Malin	980	0316	043		
Belmullet	976	9716	044		
Birr	965	0218	020		
Dublin	969	0117	011		
Shannon	962	0419	021		
Roches Point	952	0516	002		
Valentia	953	0518	006		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

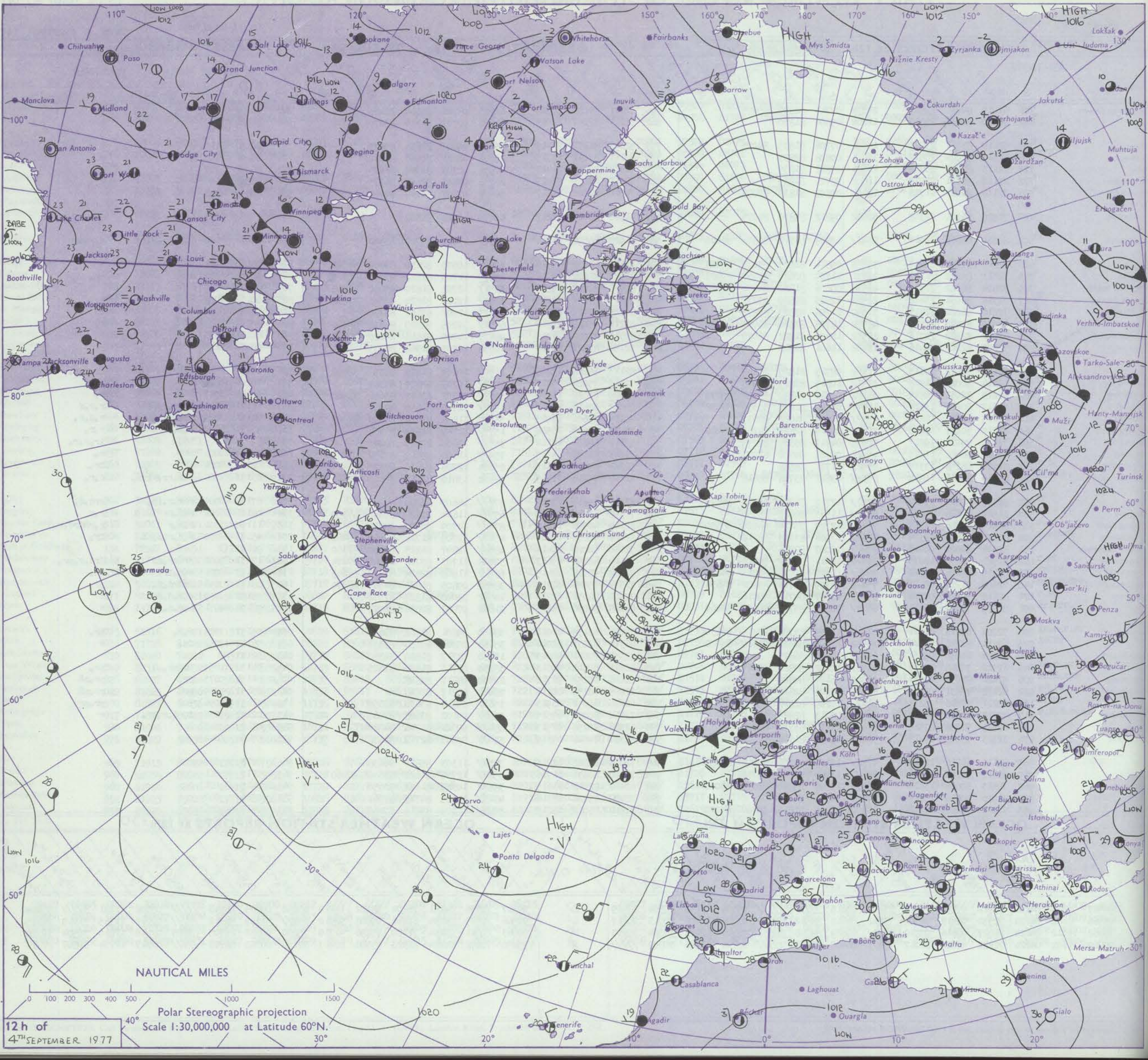
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04121	62910	97151	14510	63400	00215	/////	/////	05304	11130	30504	27409
L	99566	70176	04124	72350	96818	91008	73462	51612	84912	83815	0//08	11346	30913	20117
M	99662	10012	04124	81627	96616	97210	4732/	00829	84708	88557	0//09	10973	30504	99/03
R	99469	70172	04124	72222	98021	21017	756//	00400	87633	/////	0//16	11726	30809	/////

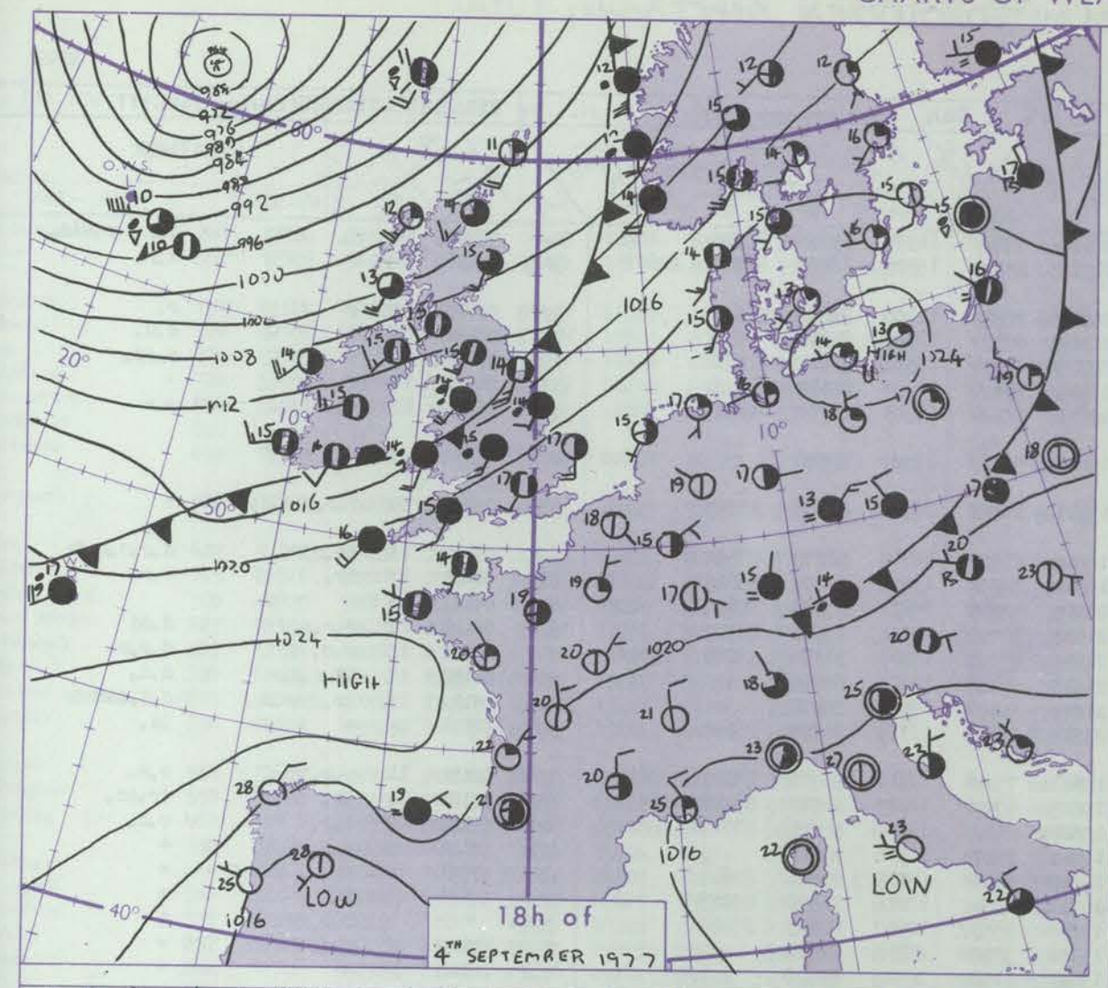
OCEAN WEATHER STATION REPORTS at 18h.

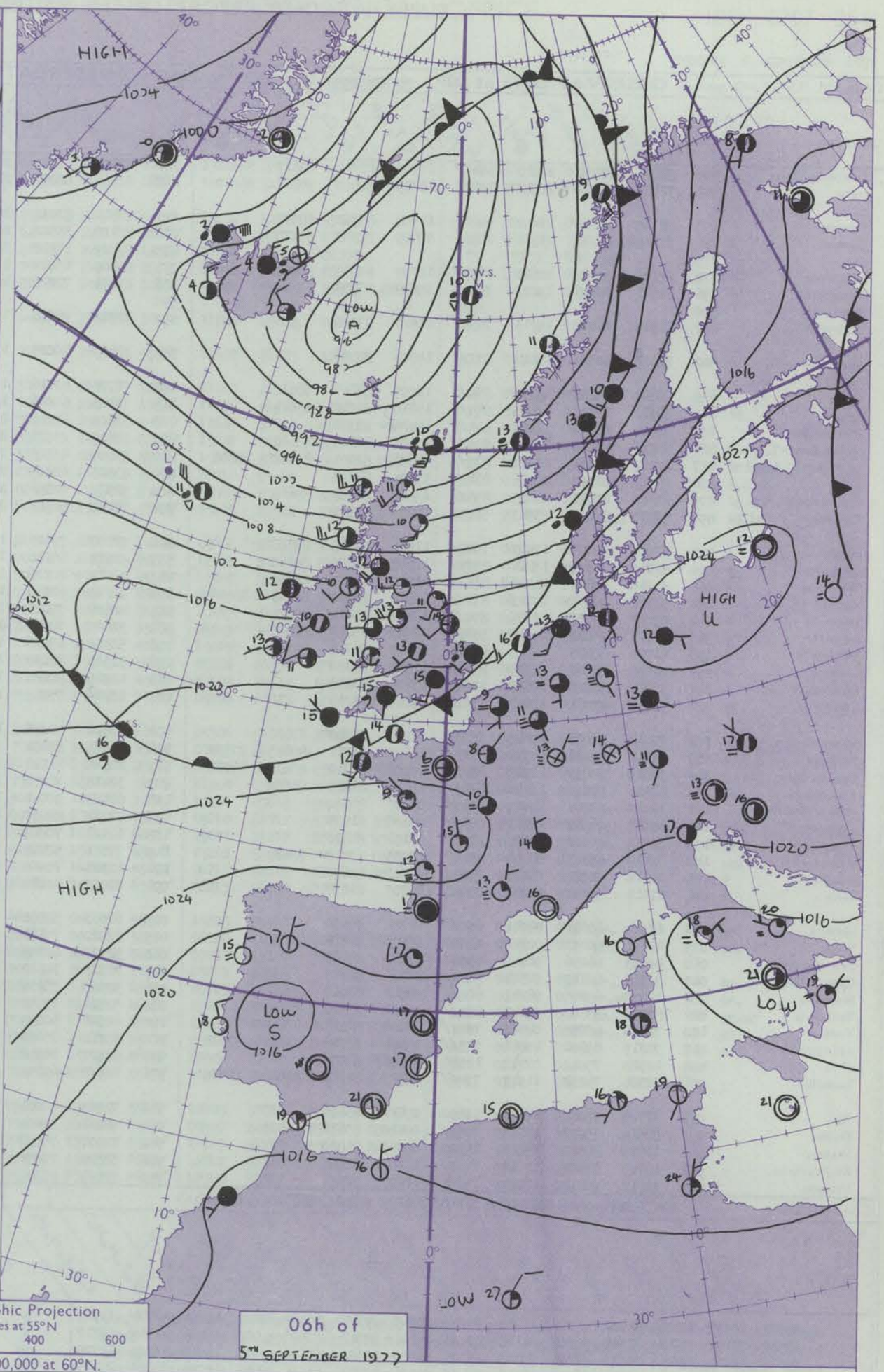
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04181	73204	98022	14210	65650	00805	86643	/////	05302	11181	3////	33409
L	99566	70179	04184	62646	95808	92910	634//	51329	86912	/////	0//10	11365	31019	24425
M	99663	10011	04184	72120	95286	91710	75200	00622	85705	87625	0//10	11010	30504	18706
R	99470	70172	04184	82320	95586	20317	871//	00602	88703	/////	0//17	11734	30807	/////

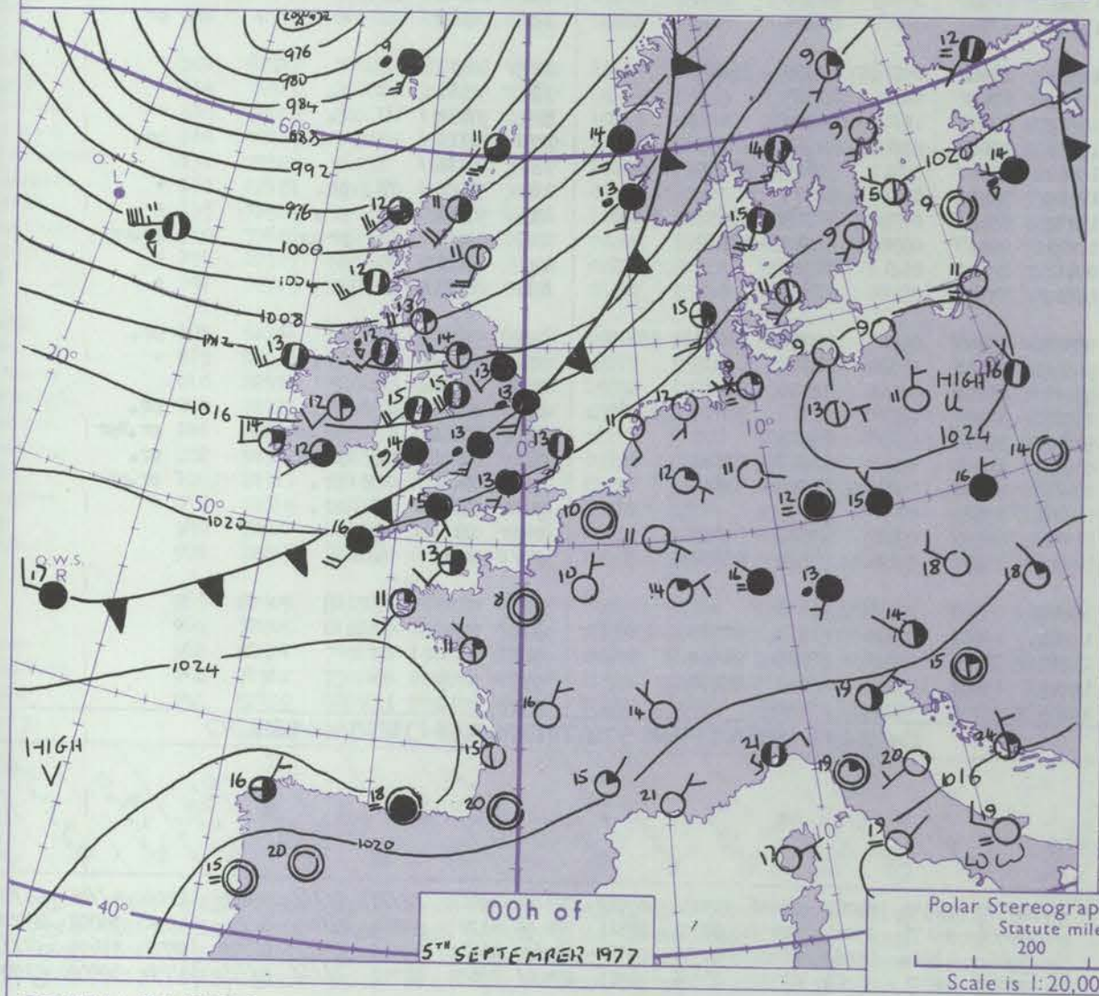
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 5 SEPTEMBER 1977

During the past 24 hours a deep and vigorous depression moved northeastwards between Scotland and Iceland whilst an associated frontal trough moved eastwards over most districts of the British Isles. During the next 24 hours this low will continue to move away and fill but a further depression moving east over the Atlantic will approach western Ireland, its associated warm front moving northeast over some southwestern districts of England.

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

Code FM 11.V

OBSERVATIONS at 00h. 05 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82011	75032	20213	6542/	11709	83712	85632	88460
Hurn	862	72105	70012	21514	15632	12705	81640	84362	86070
Manston	797	82110	63032	21412	30947	11708	83362	88272	
Gatwick	776	72110	75022	21511	20938	09609	82362	87275	
Kew	775								
Heathrow	772	82106	80032	20613	8097/	10709	84360	88468	
Honington	586	71911	70606	19213	7097/	08609	87358		
Wattisham	590								
Gorleston	497	71913	66031	19213	7093/	10813	87360		
Aberporth	502	82418	50516	17014	873//	14306	88706		
Filton	628	82312	75602	18815	854//	12709	83617	88627	
Rhoose	715	82312	75026	18615	854//	13710	81710	88614	
Hartland Point	703	82424	56616	18814	871//	14805	88702		
Mount Batten	827	82416	65022	21215	854//	14806	83614	88618	
St. Mawgan	817	82112	35586	20614	870//	14602	82701	85702	88706
Scilly	804	82118	62205	20216	864//	15704	88612		
Culdrose	809	82313	68022	21115	853//	14801	82708	88618	
Guernsey	894	52210	82021	23513	50932	11704	85364		
Elmdon	534	82015	70606	17413	7542/	11806	87618	88557	
Cardington	559	82210	70606	19214	2577/	11812	82650	88460	
Wittering	462	81910	64616	18013	856//	11810	84639	88656	
Watnall	354	81910	60036	16313	854//	12810	84710	84713	88616
Shawbury	414	82013	74026	15715	854//	13707	83614	88620	
Finningley	360	82211	75026	14814	5547/	12709	85618	88459	
Spurn Point	396	81920	65606	15513	6747/	12717	86715	88360	
Leeming	257	22008	82016	12515	25700	12808	82650		
Tynemouth	262	31804	82011	11614	30930	13104	83358		
Carlisle	222	32715	75011	10914	25430	09205	81715		
Valley	302	72418	70026	15215	753//	14214	81707	87630	
Ringway	334	72114	82026	14714	5543/	13604	81711	84623	87358
Squires Gate	318	72419	80036	13915	6843/	15206	82710	83635	86360
Ronaldsway	204	62516	80012	13214	684//	11215	81818	86650	
Mull of Galloway	131	12425	83011	11413	15600	08807	81630		
Eskdalemuir	162	12013	84018	10611	00901	08206	81074		
Prestwick	135	32518	70011	09613	28501	07104	81820		
Abbotsinch	140	72416	65808	08212	6843/	07205	83817	85636	
Leuchars	171	22116	70021	06411	25600	08707	82630		
Dyce	091	12111	82011	04711	15602	06703	81630		
Lerwick	005	62024	60031	98011	657//	08727	86650		
Wick	075	42121	80251	00311	48400	06709	81818	84650	
Sule Skerry	010	42028	66036	96011	45500	08717	84625		
Cape Wrath	049	82318	60818	94811	824//	07728	88815		
Stornoway	026	62225	65258	96212	694//	07812	83915	84818	
Benbecula	022	82230	58808	99312	884//	09504	85817	88632	
Tiree	100	72426	60038	04012	784//	08002	81818	87640	
Aldergrove	917	72215	65801	10412	783//	09001	82708	83814	87645
Malin	980	12328	75018	07712	12500	08003	81820		
Belmullet	976	72326	76258	11913	734//	09218	81716	85920	86638
Birr	965	32309	75021	14812	35600	09111	83636		
Dublin	969	52514	75032	13913	3563/	09110	83630	83359	
Shannon	962	12515	80011	15413	18500	09309	81820		
Roches Point	952	62307	75031	17112	2563/	11108	82648	85361	
Valentia	953	22512	80011	17214	25601	10207	82637		

OBSERVATIONS at 06h. 05 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72108	60505	20114	772//	14305	85703	87706	
Hurn	862	82307	62032	21315	853//	15303	83708	86710	88622
Manston	797	72314	82032	20913	55672	11500	82635	85650	
Gatwick	776	82108	58502	21314	874//	12306	88712		
Kew	775	72209	75212	20715	754//	12302	86615	87650	
Heathrow	772	82009	65032	20315	854//	13203	88612		
Honington	586	82011	72216	18813	854//	12303	86710	88626	
Wattisham	590								
Gorleston	497	82212	56616	19013	8072/	12302	88556		
Aberporth	502	32407	70025	19811	10932	09314	81365	83075	
Filton	628	72705	62216	19915	27372	14314	82708	87358	
Rhoose	715	72905	65016	19814	55331	13216	81708	85625	
Hartland Point	703	82609	69216	20515	852//	15221	85703	88630	
Mount Batten	827	82615	23536	21015	872//	15303	85703	88707	
St. Mawgan	817	83007	45216	21115	850//	15310	81700	85706	88612
Scilly	804	83005	60205	21515	864//	15214	88710		
Culdrose	809	92514	02596	21015	9////	15305	89/01		
Guernsey	894	72411	80021	23514	75332	12305	84709	85650	
Elmdon	534	72307	70026	18613	753/1	12214	81706	83618	86628
Cardington	559	82314	65216	19015	854//	14105	84712	85717	88630
Wittering	462	82210	20506	18514	853//	13310	85706	87710	88620
Watnall	354	42202	62036	17912	28372	11316	81708		
Shawbury	414	42607	75028	18210	38504	09218	81820	83645	
Finningley	360	32607	70011	16712	18542	10218	81822	83075	
Spurn Point	396	52310	65016	17014	3557/	12217	83625	85460	
Leeming	257	32509	82030	15312	38500	07218	82820		
Tynemouth	262	12010	82020	13511	11500	08313	81820		
Carlisle	222	22713	75018	13112	28500	08214	81820		
Valley	302	62616	80031	18313	48502	09216	83820	86075	
Ringway	334	22409	68031	17312	18432	08214	81818		
Squires Gate	318	22619	81011	16513	18432	10315	81712		
Ronaldsway	204	32418	70251	15812	28402	09216	81713	83075	
Mull of Galloway	131	62423	80021	14312	4563/	08217	84630	86360	
Eskdalemuir	162	32224	84031	12510	38500	07314	82825		
Prestwick	135	62421	70018	12112	684//	07312	81718	83632	85656
Abbotsinch	140	72314	57818	10211	784//	08310	82712	86818	
Leuchars	171	12324	75010	07411	18500	06210	81820		
Dyce	091	22017	84010	04910	15540	06204	81625		
Lerwick	005	62033	58801	95510	684//	09505	82710	83815	85630
Wick	075	22222	75151	99811	18431	06304	81818		
Sule Skerry	010	52324	62608	95411	21520	09108	82820	85460	
Cape Wrath	049	72323	70028	96911	6843/	08220	82810	86615	87360
Stornoway	026	32525	75258	99611	39400	08227	83916		
Benbecula	022	52524	75158	03211	59400	09230	82917	83640	
Tiree	100	42526	60038	07012	48400	08219	81710	83640	
Aldergrove	917	32212	70028	14310	35500	07217	83624		
Malin	980	62527	70258	11112	685//	09218	85820	84640	
Belmullet	976	72420	69258	14712	735//	09114	85920	85638	
Birr	965	72305	80031	18010	756//	08316	87636		
Dublin	969	52411	34031	17210	15632	08214	81630	83360	85070
Shannon	962	72307	75258	18311	785/2	08216	82820	86635	
Roches Point	952	52509	70031	19711	15631	08213	81643	83074	
Valentia	953	52403	82022	19213	55700	11209	85650		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	93121	10	d.	d.d.d.r.did.
Hurn	862	93131	11	+	d.r.
Manston	797	97110	09	+	r.
Gatwick	776	97111	09	+	d.d.
Kew	775	97131	09	+	r.id.
Heathrow	772	00131	11	+	+
Honington	586	95131	12	r.ir.	r.r
Wattisham	590				
Gorleston	497				
Aberporth	502	02091	07	r.r.r.d.d.	+
Filton	628	96141	13	ir.d.r.	d.r.d.r.dr
Rhoose	715	01131	13	ir.	r.r
Hartland Point	703	04141	13		
Mount Batten	827	01151	13	d.r.r	d.dd
St. Mawgan	817	06141	13	d.r.	d.r.r
Scilly	804	01152	15	id.d.d.	d.d.
Culdrose	809	03132	13	ir.id.d.d.	d.d.dddrdr
Guernsey	894	97121	09	+	id.
Elmdon	534	92131	11	r.r.ir.	r.r.
Cardington	559	97131	11	ir.	ir.id.
Wittering	462	93121	12	r.r.	r.d.
Watnall	354	92121	06	r.r.rr.	+
Shawbury	414	97091	04	pr.	+
Finningley	360	97121	05	r.	+
Spurn Point	396			r.r.ir.	+
Leeming	257	97120	08	r.ir.	+
Tynemouth	262	00110	08	+	+
Carlisle	222	01110	08	+	pr
Valley	302	00131	11	+	+
Ringway	334	97111	10	r.	+
Squires Gate	318	97131	11	r.	+
Ronaldsway	204	91121	10	+	pr.
Mull of Galloway	131	00111			
Eskdalemuir	162	97091	07	pr.	+
Prestwick	135	97111	10	pr.	+
Abbotsinch	140	03101	09	pr.pr	pr.pr
Leuchars	171	00101	08	+	+
Dyce	091	00081	05	+	+
Lerwick	005	97091	07	+	pr.
Wick	075	97091	06	pr.	+
Sule Skerry	010	05081	11		
Cape Wrath	049	05071	07	pr.	pr.
Stornoway	026	10082	07	pr.prpRpr	pr.Rpr
Benbecula	022	01091	09	pr.	pr.
Tiree	100	01101	09	pr.	pr.pR
Aldergrove	917	97091	07	pr.	+
Malin	980	0211	09		
Belmullet	976	9211	09		
Birr	965	9709	07		
Dublin	969	9710	07		
Shannon	962	9711	09		
Roches Point	952	9709	06		
Valentia	953	0012	10		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05001	81002	99022	11910	8095/	00715	/////	/////	05403	11234	3////	33/08
L	99567	70168	05004	72545	96808	01110	794//	21141	87912	/////	0//07	11268	31115	28217
M	99662	10010	05004	21820	97031	92309	25500	41400	82620	/////	0//09	11019	30403	17705
R	99469	70172	05004	82710	96205	21316	861//	00206	88703	/////	0//16	11726	30806	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05061	70606	98032	09910	75600	00614	/////	/////	05405	11200	3//01	33/08
L	99566	70171	05064	72830	97808	07311	784//	61225	84814	86640	0//06	11291	30807	29214
M	99660	10014	05064	71826	95811	89710	69463	41616	85915	/////	0//09	10992	30605	/////
R	99469	70171	05064	82312	97506	21916	874//	00101	88713	/////	0//16	11754	30000	23907

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. 42292

ISSN 0307–2541

Date of Issue TUESDAY 6 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 05 SEPTEMBER 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	72506	83026	21319	784/8	13801	85818	86640	
Hurn	862	72306	81036	22419	38472	15104	81714	83625	85360
Manston	797	82511	68026	22317	854//	15307	84612	88615	
Gatwick	776	82308	59516	22417	873//	15105	83706	86708	88710
Kew	775	82307	65025	22018	7552/	14102	82620	87640	88459
Heathrow	772	82406	70022	21719	885//	14104	83820	88640	
Honington	586	82612	80032	20319	11507	12004	81827	88273	
Wattisham	590								
Gorleston	497	72709	66012	20718	4251/	12204	84820	87460	
Aberporth	502	72908	75031	21715	18532	10003	81822	86360	
Filton	628	72807	81022	21718	28502	13206	81825	87075	
Rhoose	715	22811	72011	22118	18531	11108	81824		
Hartland Point	703	42809	74012	22816	12531	14210	81825	83360	
Mount Batten	827	72309	80025	22918	785//	15206	82820	87635	
St. Mawgan	817	52707	80031	23017	58400	13304	81810	85625	
Scilly	804	62005	62012	22918	68500	15005	85820	86630	
Culdrose	809	72609	70032	23217	783//	15205	81706	83818	86640
Guernsey	894	82314	15501	24615	870//	15102	84700	87701	
Elmdon	534	72609	80021	21116	21606	08107	82830	87272	
Cardington	559	82710	75025	21218	2851/	11103	81825	88465	
Wittering	462	82511	81035	20916	15627	08105	81630	88270	
Watnall	354	72409	80021	20417	11606	09106	81833	86275	
Shawbury	414	72811	78021	20616	21536	09108	82828	83364	87272
Finningley	360	72713	75021	19417	35608	07217	83632	87280	
Spurn Point	396	72518	70012	19217	15606	08304	81630	87275	
Leeming	257	72512	80021	18515	58602	07315	83830	83640	
Tynemouth	262	52716	80031	16716	43630	07212	84930		
Carlisle	222	72717	80031	15915	685/2	09008	84825	85650	
Valley	302	62317	78012	20316	48508	10105	81820	84645	86272
Ringway	334	72511	75021	20315	785//	06114	83825	85640	
Squires Gate	318	72616	80011	19516	38531	10113	82820	86075	
Ronaldsway	204	72417	75021	18115	11539	10209	81820	83362	86170
Mull of Galloway	131	72520	81032	16714	785//	10209	81825	87630	
Eskdalemuir	162	42121	81011	14814	38502	06216	83825		
Prestwick	135	72520	70031	15315	48531	10210	83820	83645	87075
Abbotsinch	140	72616	75258	13414	48402	09205	81712	83824	86070
Leuchars	171	62327	83031	11315	28502	07216	81825	86075	
Dyce	091	62317	89031	08817	54601	05217	85840	83072	
Lerwick	005	62331	60258	98811	694//	09330	81912	84630	
Wick	075	62526	81258	04715	5846/	08223	85818		
Sule Skerry	010	22538	58016	02113	22500	10242	82820		
Cape Wrath	049	72723	70038	03011	724//	08231	87815		
Stornoway	026	62630	62808	05612	5833/	08226	81707	83818	
Benbecula	022	52522	75258	08913	43460	08226	81915	84635	
Tiree	100	72523	70158	12014	48402	08221	82815	83640	86072
Aldergrove	917	52314	80011	16814	26431	09211	82714	83359	
Malin	980	72521	80258	14614	38506	10112	82820	87270	
Belmullet	976	72215	74028	16513	6347/	09206	82717	85638	86460
Birr	965	82509	81032	19114	7847/	09301	82714	83820	88461
Dublin	969	72414	81022	18515	5547/	08801	82717	84635	86462
Shannon	962	82511	75022	19615	38575	09400	81823	83650	86460
Roches Point	952	71912	75021	20915	1643/	11501	81715	87360	
Valentia	953	82109	80801	20015	4857/	10801	81822	83640	88359

OBSERVATIONS at 18h. 05 SEPTEMBER 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	42310	82011	21818	22439	13103	81715		
Hurn	862	42310	80031	22918	18331	14105	81709		
Manston	797	62312	75012	22417	55332	15201	82708	83645	
Gatwick	776	72008	62036	22717	3643/	15305	82711	87362	
Kew	775	62108	80018	22019	1253/	15301	81820	86360	
Heathrow	772	62008	70022	21719	2865/	15203	81830	86360	
Honington	586	73103	80022	20818	1467/	12002	81635	83359	86365
Wattisham	590								
Gorleston	497	40102	66021	21518	30932	11203	83358	83075	
Aberporth	502	52106	70012	20914	38532	11807	81825	83650	
Filton	628	22808	82011	21717	20931	11002	82360		
Rhoose	715	32907	70031	22016	18531	11000	81822	83362	
Hartland Point	703	82709	78032	22415	4541/	12603	82715	84630	88460
Mount Batten	827	82307	35601	22916	854//	15601	86710	88616	
St. Mawgan	817	81708	35515	22216	870//	15803	83701	86702	88710
Scilly	804	92114	02515	21616	9////	16710	89/00		
Culdrose	809	82213	02586	22216	870//	16809	85701	88703	
Guernsey	894	82413	60505	25016	851//	15106	82702	83703	86708
Elmdon	534	42605	81011	20917	14640	09601	81630	84362	
Cardington	559	62510	70022	21219	60932	12302	82362	86366	
Wittering	462	72608	80012	20917	70971	10002	85362		
Watnall	354	52606	78011	20517	28670	08103	81840	83363	
Shawbury	414	52708	80012	20315	38530	10803	81825	83645	85362
Finningley	360	72407	72022	19816	35678	08203	81635	83657	85368
Spurn Point	396	82205	61022	20516	8097/	10209	88460		
Leeming	257	72411	82022	19614	5863/	07206	81830	85640	85359
Tynemouth	262	82508	80032	18315	4562/	07107	84630	88458	
Carlisle	222	72309	75802	17714	7853/	09206	83823	86645	
Valley	302	72218	80601	20115	1867/	09506	81830	87459	
Ringway	334	42505	75021	20515	38642	07001	81830		
Squires Gate	318	72413	81022	19915	2847/	10702	81818	85459	87362
Ronaldsway	204	82112	75802	18614	5867/	11400	85832	88358	
Mull of Galloway	131	82208	80022	17913	3562/	10201	83635	88459	
Eskdalemuir	162	71905	80258	17211	784//	09210	81712	83822	85650
Prestwick	135	72515	80038	16612	6847/	09003	81712	83635	85650
Abbotsinch	140	72510	82028	15312	685/2	07203	81822	84628	86650
Leuchars	171	72314	82012	14214	45442	06212	82618	83630	86363
Dyce	091	72407	84022	12513	6567/	06217	86640	87360	
Lerwick	005	42325	62258	04210	49401	10225	83912		
Wick	075	72518	82038	09212	38532	06220	81820	83635	87072
Sule Skerry	010	72724	66031	06812	5253/	09227	85820	85360	
Cape Wrath	049	42723	70018	06811	32401	05210	83815		
Stornoway	026	32516	82028	09612	18533	05115	81820		
Benbecula	022	72314	75018	11412	48438	09004	83817	83635	85362
Tiree	100	72414	70018	13912	4847/	09003	81818	84640	87360
Aldergrove	917	72706	75022	17413	4547/	09502	81618	84624	87459
Malin	980	82417	72608	15712	5647/	08501	83717	83635	88459
Belmullet	976	71910	72216	15613	5547/	10711	82717	84636	87349
Birr	965	80000	68606	18213	5647/	10709	83711	85634	88458
Dublin	969	82205	75026	18415	6557/	08807	82625	85650	88460
Shannon	962	81605	75606	17315	3547/	11618	81715	83635	88458
Roches Point	952	71808	70028	19015	2547/	12712	82715	87359	
Valentia	953	81714	70508	17215	864//	12719	88717		

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97211	044	id.	+
Hurn	862	97211	046	d.	+
Manston	797	00190	004	+	+
Gatwick	776	97191	014	d.-d.r.	+
Kew	775	97201	008	pr.	+
Heathrow	772	00211	008	+	+
Honington	586	00200	023	+	+
Wattisham	590				
Gorleston	497		036		
Aberporth	502	00161	069	+	+
Filton	628	00190	092	+	+
Rhoose	715	97190	095	+	id.
Hartland Point	703	00170	076		
Mount Batten	827	02181	037	+	r.d.r.f
St. Mawgan	817	01191	054	+	drdrd.d.
Scilly	804	01181	015	id.	d.d.ff
Culdrose	809	02171	018	+	ir.d.r.FFdd
Guernsey	894	97161	000	id.f	id.if
Elmdon	534	00191	081	+	+
Cardington	559	00210	052	+	+
Wittering	462	00191	060	+	+
Watnall	354	00181	063	+	+
Shawbury	414	00180	059	+	+
Finningley	360	00180	051	+	+
Spurn Point	396			+	+
Leeming	257	00180	057	+	+
Tynemouth	262	00170	074	+	+
Carlisle	222	97160	058	pr.	pr.
Valley	302	97161	048	+	ir.
Ringway	334	00171	061	+	+
Squires Gate	318	00181	055	+	+
Ronaldsway	204	97151	043	+	pr.
Mull of Galloway	131	00151			
Eskdalemuir	162	97151	065	pr.	pr.
Prestwick	135	94151	032	pr.	pr.
Abbotsinch	140	01151	024	pr.	pr.
Leuchars	171	00171	070	+	+
Dyce	091	00170	071	+	+
Lerwick	005	01131	055	pr.	pr.
Wick	075	97151	072	pr.	pr.
Sule Skerry	010	94140			
Cape Wrath	049	04111	052	pr.	pr.
Stornoway	026	01141	075	pr.pr	pr.
Benbecula	022	01141	044	pr.	pr.pr
Tiree	100	97141	021	pr.	pr.
Aldergrove	917	00151	020	+	+
Malin	980	0215	013		
Belmullet	976	9314	005		
Birr	965	9115	014		
Dublin	969	9716	011		
Shannon	962	9716	009		
Roches Point	952	9716	039		
Valentia	953	9716	014		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

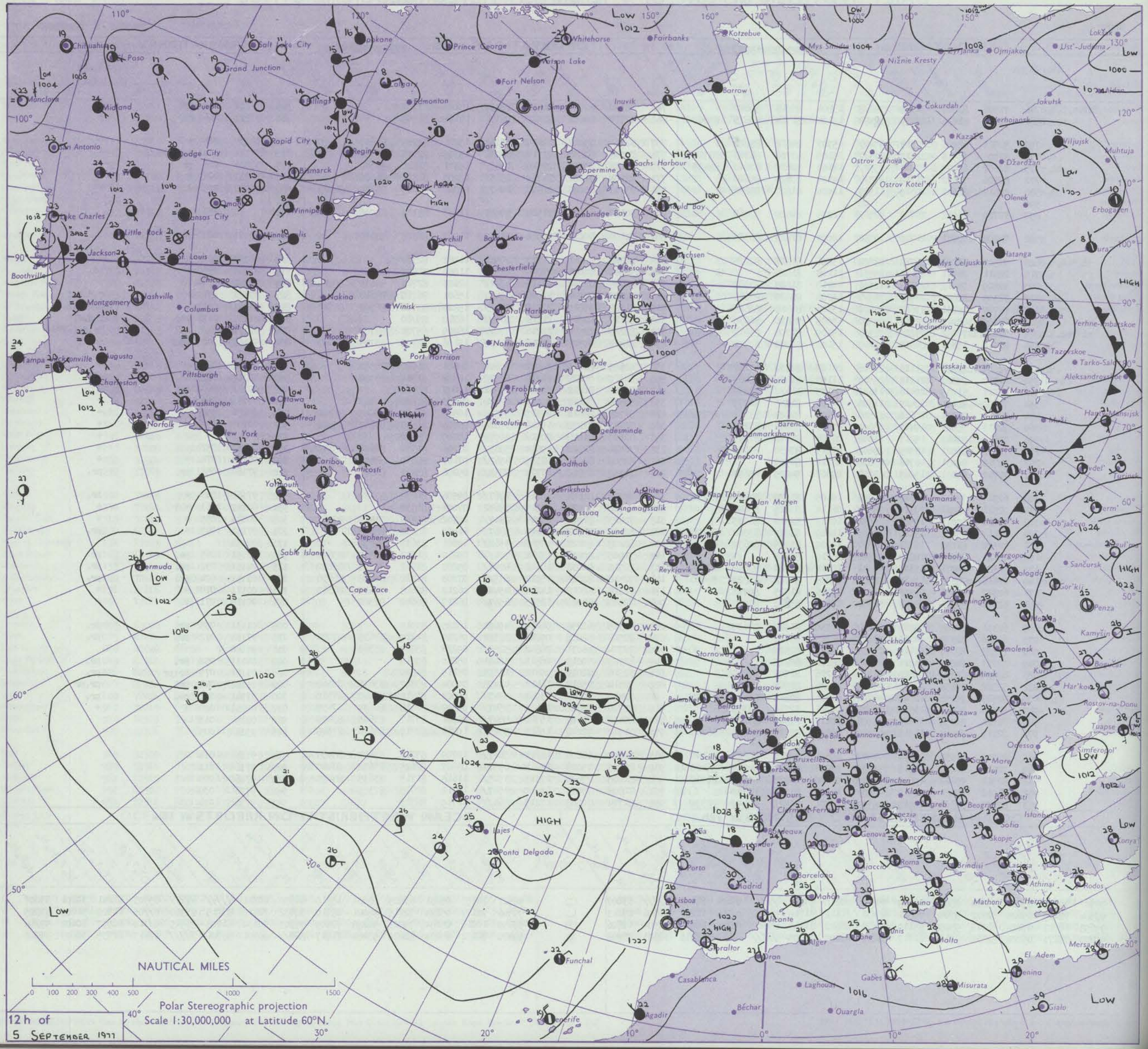
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	05121	73604	98012	12309	75600	00210	87643	/////	05404	11198	3////	33007
	99564	70169	05124	72722	97038	09811	48431	21112	81710	83630	0//04	11281	30706	29213
	99658	10017	05124	61718	98258	85110	29473	00622	81918	83360	0//09	10973	30504	17806
	99470	70173	05124	82320	95105	21717	862//	00005	88705	/////	0/17	11716	30803	28908

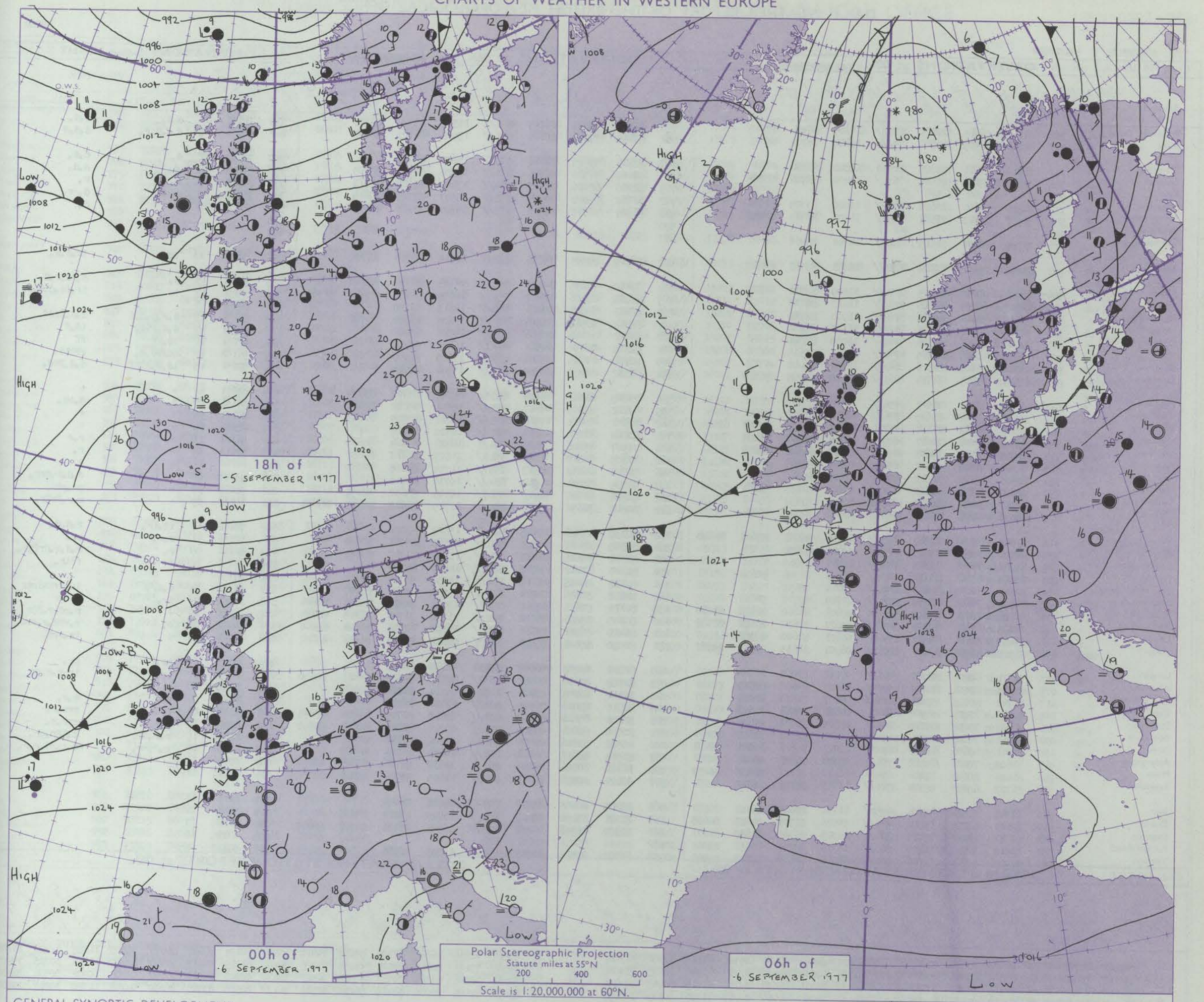
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	05181	63205	98031	15810	44550	00221	/////	/////	05503	11241	30201	33007
	99566	70177	05184	72715	98021	08710	32432	71810	83815	85360	0//05	11309	31008	33805
	99659	10016	05184	79903	96258	78409	79303	00634	81708	83915	0//10	10997	30402	99/08
	99470	70172	05184	82420	93464	21717	860//	00301	88701	/////	0/17	11735	30803	30910

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday · TUESDAY 6 SEPTEMBER 1977

During the past 24 hours a deep low near Iceland moved away northeastwards and its associated cold front became slow-moving over the extreme southeast of England whilst a wave depression moved rapidly northeast to Northern Ireland. During the next 24 hours the depression over Northern Ireland is expected to move rather quickly eastwards to southern Norway whilst a weak ridge of high pressure moves over the British Isles from the Atlantic.

Code FM 11.V

OBSERVATIONS at 00h. 06 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	82110	56515	22215	870//	15605	86701	88703	
Hurn	862	82210	30515	23016	872//	16604	86704	88706	
Manston	797	22212	70011	23015	20930	14202	82362		
Gatwick	776	72208	58101	23415	763//	15400	82706	87708	
Kew	775								
Heathrow	772	81804	50601	22615	872//	14000	83705	88711	
Honington	586	51907	60012	21315	1553/	11803	81625	85358	
Wattisham	590								
Gorleston	497	82109	62031	21415	8091/	14704	88460		
Aberporth	502	81812	25502	19014	872//	14713	87703	88712	
Filton	628	81804	80031	21115	854//	12809	85712	88618	
Rhoose	715	81607	68035	20716	864//	14812	88710		
Hartland Point	703	82628	56616	20316	872//	16710	88703		
Mount Batten	827	92312	07516	22616	9////	16502	89/00		
St. Mawgan	817	82410	05586	22016	870//	16000	88700		
Scilly	804	72116	60025	21815	754//	15801	87614		
Culdrose	809	92513	01516	22516	9////	16301	89/00		
Guernsey	894	62113	63015	24715	663//	14809	83708	86710	
Elmdon	534	71904	70021	20913	756//	10806	87630		
Cardington	559	82306	62022	21915	856//	12802	84630	88641	
Wittering	462	62406	70012	21114	15731	09804	81650	85362	
Watnall	354	72203	58042	20612	60971	10708	86363	86078	
Shawbury	414	81605	68212	19613	854//	11710	84616	88657	
Finningley	360	71702	70012	19612	65638	10709	86645		
Spurn Point	396	80000	68022	20514	8097/	11803	88360		
Leeming	257	81905	80032	18612	1563/	08812	81635	88361	
Tynemouth	262	32205	80011	18212	30910	10508	83458		
Carlisle	222	72006	70028	16612	7563/	10710	82640	86656	
Valley	302	81918	65036	17914	853//	13714	82708	85628	88650
Ringway	334	71807	75021	19413	757//	09810	87650		
Squires Gate	318	31707	70016	18313	30930	10714	83360		
Ronaldsway	204	62015	65018	16314	653//	12716	81708	86650	
Mull of Galloway	131	82118	80032	15913	856//	10714	88630		
Eskdalemuir	162	71502	70608	16709	784//	08709	82715	86640	
Prestwick	135	71806	70031	15609	35635	08808	81630	83650	86070
Abbotsinch	140	72008	68032	14812	3563/	09607	82634	83650	87359
Leuchars	171	72110	80021	14911	2567/	08603	82640	87362	
Dyce	091	71907	86032	13311	2567/	06802	81635	85359	86362
Lerwick	005	72524	60808	06907	794//	07212	87912		
Wick	075	72208	82036	10710	5573/	06103	85650	85359	
Sule Skerry	010	62712	80038	08011	4251/	09107	84820	86459	
Cape Wrath	049	42717	75028	07910	38401	07601	82815	83625	
Stornoway	026	82209	70038	09210	855//	08809	83622	88642	
Benbecula	022	82214	70608	10211	854//	10812	82712	83617	88630
Tiree	100	82011	65606	11712	7542/	10823	85616	87621	88458
Aldergrove	917	71608	70026	14212	755//	09724	83623	86638	
Malin	980	81408	80606	12011	6547/	10832	81717	86632	88459
Belmullet	976	81722	60615	08314	863//	13747	84709	88714	
Birr	965	81711	75026	13714	7552/	11731	87621	88458	
Dublin	969	82011	80026	15014	854//	09726	81716	84625	88635
Shannon	962	81711	74606	13215	864//	14725	86715	88620	
Roches Point	952	81918	30515	16115	860//	15724	88701		
Valentia	953	81917	50606	14116	864//	16815	88710		

OBSERVATIONS at 06h. 06 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	81912	56205	20715	861//	15507	85702	88705	
Hurn	862	82110	59026	21616	862//	15508	86705	88707	
Manston	797	82216	58505	21716	872//	15607	88704		
Gatwick	776	82110	57505	21716	871//	16506	84702	88703	
Kew	775	82210	62026	21217	864//	15609	83710	88713	
Heathrow	772	71910	65016	20817	753//	15507	82709	87614	
Honington	586	81908	30515	19515	872//	15710	87703	88705	
Wattisham	590								
Gorleston	497								
Aberporth	502	81919	20505	15716	872//	16614	87703	88706	
Filton	628	72110	70035	19117	753//	15505	82707	85710	87625
Rhoose	715	82008	62206	18917	7537/	16608	81706	87612	88360
Hartland Point	703	82423	08606	18616	870//	16613	88700		
Mount Batten	827	82312	03516	21516	870//	16608	85700	88701	
St. Mawgan	817	82112	30106	20916	870//	16503	88701		
Scilly	804	92218	02454	20516	9////	16603	89/00		
Culdrose	809	92315	01455	20916	9////	16605	89/00		
Guernsey	894	82317	20285	24615	860//	15501	87700		
Elmdon	534	72015	61022	16716	6633/	15722	83707	85709	
Cardington	559	82212	64505	19417	853//	16611	85708	88618	
Wittering	462	72011	75011	17916	753//	15717	85709	87618	
Watnall	354	82010	61032	16215	863//	14720	88707		
Shawbury	414	71907	75026	15116	754/2	14623	85614	86635	
Finningley	360	71908	68012	15213	3547/	11625	81617	83650	87360
Spurn Point	396	71810	64032	16513	2557/	11724	82625	87360	
Leeming	257	81509	57021	12812	864//	10736	88710		
Tynemouth	262	81814	61021	11612	5567/	10746	85630	88358	
Carlisle	222	82010	56656	09213	854//	12745	84710	86615	88640
Valley	302	82130	15516	12415	870//	15624	88700		
Ringway	334	71815	65026	13715	754//	13730	83711	87650	
Squires Gate	318	81612	60616	11913	7547/	13738	81712	87620	88360
Ronaldsway	204	82023	11212	08915	870//	14640	88700		
Mull of Galloway	131	82138	58205	05814	872//	14754	84705	88740	
Eskdalemuir	162	81612	30636	07811	871//	11750	84702	88707	
Prestwick	135	82115	57626	05314	7847/	13655	81710	84716	87624
Abbotsinch	140	80805	35596	05312	872//	11754	81704	86710	88714
Leuchars	171	81410	56586	07111	5542/	10750	82712	84624	88460
Dyce	091	80000	65606	08410	6542/	09828	81618	86650	88457
Lerwick	005	62212	62258	06009	59430	08709	83912		
Wick	075	82008	65636	07410	4542/	09718	81715	83625	88550
Sule Skerry	010	82512	66258	06410	1152/	09714	81820	88460	
Cape Wrath	049	82706	68616	06509	874//	07711	88715		
Stornoway	026	82103	65636	06409	853//	08619	81709	83620	88645
Benbecula	022	80306	65636	06309	5532/	09727	83708	84618	88550
Tiree	100	80905	33616	02412	7732/	12748	87706	88518	
Aldergrove	917	81914	56616	05414	872//	14640	83704	88706	
Malin	980	82116	56586	02815	863//	14630	82706	85716	88630
Belmullet	976	82422	40586	06215	863//	14305	83706	88710	
Birr	965	82215	60605	09717	873//	15511	88709		
Dublin	969	82221	75026	08418	864//	16729	84713	87616	
Shannon	962	82320	25596	10817	873//	16503	83706	84708	88710
Roches Point	952								
Valentia	953	82220	40516	12917	863//	16503	88706		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	94151	14	d.d.	d.d.
Hurn	862	96151	15	d.d.d.r.	d.d.d
Manston	797	97140	12	d.	d.d.
Gatwick	776	97131	12	d.	d.d.
Kew	775	97151	12	r.	r.
Heathrow	772	97151	13	r.-d.	d.-r.
Honington	586	97130	09	+	d.
Wattisham	590				
Gorleston	497				
Aberporth	502	91131	13	id.	id.d.d.
Filton	628	91151	13	d.	d.-d.r.d.
Rhoose	715	92151	13	+	ir.id.d.r.d.
Hartland Point	703	04152	13		
Mount Batten	827	01151	15	d.r.d.d.f	d.d.ffdf
St. Mawgan	817	95151	15	d.d.fid.	id.f
Scilly	804	92151	16	id.ff	ff
Culdrose	809	96152	15	ddFFd.d.	FFFid.
Guernsey	894	92151	15	id.d.d.if	d.d.Fid.
Elmdon	534	00131	11	+	+
Cardington	559	97131	07	d.	d.id.
Wittering	462	00131	09	+	+
Watnall	354	00121	09	+	+
Shawbury	414	94121	11	r.	r.r
Finningley	360	97110	08	+	r.
Spurn Point	396			+ +	+
Leeming	257	93101	06	+	d.d.r.drr.
Tynemouth	262	96111	10	+	pr.pr
Carlisle	222	10122	09	+	r.r.RrRr.
Valley	302	93141	13	id.ir.	r.d.d.
Ringway	334	97131	11	d.r.	pr.
Squires Gate	318	01111	09	r.	r.d.r.drRir.
Ronaldsway	204	03131	12	+	fRir.
Mull of Galloway	131	97131			
Eskdalemuir	162	21082	05	r.ir.	ir.frRtlrdr
Prestwick	135	12091	07	ir.	rRRrr
Abbotsinch	140	08101	09	+	r.rd.r.Rdr
Leuchars	171	04101	08	r.	r.rRd.r.rrd.
Dyce	091	14091	05	+	ir.rrR
Lerwick	005	03071	07	pr.	pr.
Wick	075	07092	07	ir.	ir.r.r.rr
Sule Skerry	010	05101	10		
Cape Wrath	049	04081	07	pr	r.r.
Stornoway	026	06081	07	pr.r.r.	rrr.r.
Benbecula	022	09081	08	r.r.r	rrr.r.
Tiree	100	20101	10	r.r.rd.	d.RRr.pr.
Aldergrove	917	04091	09	r.d.-r.	d.r.rd.r.r.
Malin	980	0711	09		
Belmullet	976	0212	11		
Birr	965	0113	11		
Dublin	969	9713	11		
Shannon	962	0114	13		
Roches Point	952	14	14		
Valentia	953	0214	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	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06001	82706	98022	19410	856//	00222	88646	/////	05302	11215	3//01	33/06
L	99567	70185	06004	82814	98028	08910	2567/	61303	82630	88463	0//04	11244	30805	33904
M	99660	10018	06004	82718	97032	85809	884//	00237	83810	88635	0//09	11016	30403	99/07
R	99472	70170	06004	82419	93505	22417	860//	00304	88701	/////	0//17	11723	30803	30909

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06061	62304	98032	19810	35550	00104	/////	/////	05305	11228	3////	33/06
L	99568	70193	06064	42818	96258	11808	48401	61219	84813	/////	0//07	11214	30705	35805
M	99660	10018	06064	72723	97808	90908	59470	00325	84910	/////	0//08	10978	30504	26806
R	99472	70168	06064	82419	96024	22818	861//	00303	83703	88630	0//18	11720	30803	29907

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. 42293

ISSN 0307–2541

Date of Issue WEDNESDAY 7 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 06 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	82117	68035	19918	863//	17703	86707	88709	
Hurn	862	82314	45515	21517	872//	16803	85703	88706	
Manston	797	72222	68035	20419	753//	16505	85708	87612	
Gatwick	776	82216	57515	21217	873//	16608	85707	88710	
Kew	775	82313	68026	20219	863//	16704	85709	88711	
Heathrow	772	72111	66016	19819	753//	17704	86709	87611	
Honington	586	72117	68015	17020	654/2	16712	83614	85617	86077
Wattisham	590								
Gorleston	497	72221	60032	16622	3257/	16719	83825	85360	
Aberporth	502	82422	61586	16917	872//	16208	87705	88710	
Filton	628	82514	62585	18519	873//	18001	81706	85708	88711
Rhoose	715	82617	64215	18519	852//	17000	82704	85707	88614
Hartland Point	703	82630	02505	18816	871//	16000	88702		
Mount Batten	827	82519	15285	21916	870//	16801	85700	88702	
St. Mawgan	817	82419	62215	21118	872//	18101	84704	87706	88708
Scilly	804	92220	03435	21917	9////	16305	89/00		
Culdrose	809	92313	01455	22217	9////	17306	89/00		
Guernsey	894	82215	64022	24816	862//	15601	83703	86704	
Elmdon	534	72014	68026	15620	784//	17806	82711	84813	86618
Cardington	559	82218	61505	17719	854//	18605	85710	88613	
Wittering	462	72116	68012	15220	754//	17812	82713	85615	87618
Watnall	354	82319	68016	13222	885//	17609	86820	88640	
Shawbury	414	82416	32596	14718	853//	18306	81706	83708	85615
Finningley	360	72322	78026	11323	68502	17713	85824	83075	
Spurn Point	396	72325	64012	12021	55571	16712	85620	85360	
Leeming	257	72317	70506	09119	754//	16301	87616		
Tynemouth	262	62720	69018	05822	626//	16713	86830		
Carlisle	222	72520	62806	07117	783//	17313	83709	85815	
Valley	302	62227	57015	13518	5523/	15211	85704		
Ringway	334	82421	68218	13119	854//	16308	82712	85615	88640
Squires Gate	318	72321	64016	11819	663/1	17211	86706		
Ronaldsway	204	72523	62156	10618	783//	15321	81709	83818	86633
Mull of Galloway	131	63435	80018	09714	656//	12238	86630		
Eskdalemuir	162	62528	84219	06616	624//	14316	82714	86822	
Prestwick	135	43225	80026	08515	48400	12347	81812	83818	
Abbotsinch	140	32919	84016	06215	38500	10336	82822		
Leuchars	171	73012	58806	05014	7833/	12333	81708	85815	87650
Dyce	091	83114	66216	05410	852//	09318	81705	85708	88635
Lerwick	005	72513	80212	05010	4847/	08802	81812	83645	87359
Wick	075	73113	75616	06710	4842/	09307	82814	83650	87459
Sule Skerry	010	70000	82028	07012	785//	10314	82820	87625	
Cape Wrath	049	73208	76156	07710	68532	08216	84820	83630	85360
Stornoway	026	63116	84036	09313	52531	06223	85825		
Benbecula	022	53119	85038	11212	58400	10234	82818	83635	
Tiree	100	63217	87158	12012	684//	09255	83818	84636	
Aldergrove	917	73214	80806	12214	784//	11259	83712	84815	85624
Malin	980	33121	81016	13912	32500	08262	83820		
Belmullet	976	33215	80018	17015	33400	10245	81716	81920	
Birr	965	73212	80026	15716	784//	12333	82716	83820	86630
Dublin	969	72924	84806	13419	785//	14338	86820	85628	
Shannon	962	43115	86016	16817	48540	12332	82823	84640	
Roches, Point	952	62416	82036	16519	685/1	14113	86821		
Valentia	953	73312	70206	18315	724//	14225	84711	87816	

OBSERVATIONS at 18h. 06 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	72211	56506	19617	752//	17304	82705	84708	86618
Hurn	862	82412	35505	20717	862//	17601	88703		
Manston	797	82317	58035	19718	862//	16304	82704	85705	88708
Gatwick	776	82314	58045	20218	862//	17301	82705	88706	
Kew	775	72312	65022	19519	764//	17306	87712		
Heathrow	772	82212	64602	19120	864//	17305	88712		
Honington	586	72416	75216	16920	754//	17311	83617	87640	
Wattisham	590								
Gorleston	497	52214	60012	16721	55500	17208	85625		
Aberporth	502	73610	65258	19615	5843/	14219	83811	84620	86359
Filton	628	72717	68206	20017	784//	15313	81711	87625	
Rhoose	715	62719	62016	19716	664//	14211	85712	83625	
Hartland Point	703	82722	62025	21015	852//	15216	87705	88625	
Mount Batten	827	62913	68035	22418	51301	14310	82708	85820	
St. Mawgan	817	72618	62036	22416	722//	15209	83705	86709	
Scilly	804	32414	60034	23117	30952	15208	83360		
Culdrose	809	42713	58106	23116	46230	15209	83704		
Guernsey	894	82417	01506	24316	870//	16001	88700		
Elmdon	534	42609	70026	17219	48530	15212	83822		
Cardington	559	62412	60056	18119	5857/	18214	81820	84635	
Wittering	462	72410	82036	16720	685//	16218	86825		
Watnall	354	42910	80258	17117	38530	13327	81820	83635	
Shawbury	414	73511	72256	18015	785//	12325	83822	84645	87656
Finningley	360	52914	83026	16318	58500	11236	82825	84645	
Spurn Point	396	52918	80012	15319	52540	13224	85820		
Leeming	257	12912	89015	15917	18601	08243	81830		
Tynemouth	262	70115	80022	15713	6567/	11253	86630		
Carlisle	222	23110	84018	16415	28502	08241	81826		
Valley	302	53510	75016	19914	55401	10229	82714	85640	
Ringway	334	33014	80018	18315	38502	09343	81820	83645	
Squires Gate	318	23215	81036	18314	28402	10234	81712		
Ronaldsway	204	13114	84016	18813	18401	07130	81818		
Mull of Galloway	131	23220	84011	18113	12501	08233	81825		
Eskdalemuir	162	12712	88011	16411	18502	05240	81825		
Prestwick	135	23318	86021	17413	28500	07235	81825		
Abbotsinch	140	22908	88020	16613	28600	06234	81830		
Leuchars	171	13008	88018	14613	14600	04132	81630		
Dyce	091	23017	82018	13411	28500	07240	81820		
Lerwick	005	62820	80258	06910	684//	09318	86814		
Wick	075	23016	80028	12510	28500	06235	81820		
Sule Skerry	010	32928	81018	11712	32500	08223	83820		
Cape Wrath	049	53210	80152	12310	48530	05220	83820	84625	85360
Stornoway	026	32913	84158	14911	32500	05225	83826		
Benbecula	022	12814	84011	16912	12500	08202	81823		
Tiree	100	33011	86011	17912	38400	07226	82818		
Aldergrove	917	63008	89018	19513	685//	08222	81824	83630	86638
Malin	980	43012	83018	19612	38530	07126	82820		
Belmullet	976	72711	82011	21614	785//	07221	82821	87638	
Birr	965	73406	84022	20914	785//	08320	81820	87633	
Dublin	969	73209	84028	20215	785//	09228	82828	87635	
Shannon	962	73209	86028	21615	785//	10218	83822	86630	
Roches, Point	952	13015	82028	21216	18402	10223	81818		
Valentia	953	73510	84031	22814	12502	10322	81822	87070	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92201	003	d.	d.d.r.
Hurn	862	97171	000	d.d.	d.
Manston	797	97190	007	d.	+
Gatwick	776	97181	000	d.d.	d.
Kew	775	00201	001	+	+
Heathrow	772	97211	002	+	r.
Honington	586	97220	005	+	r.
Wattisham	590				
Gorleston	497		038		
Aberporth	502	94191	024	d.d.d.r.	pr.
Filton	628	01191	000	d.-d.r.d.r.dr	drd.r.id.
Rhoose	715	96191	000	d.r.-r.d.r.	d.r.d.-d.r.
Hartland Point	703	92161	000		
Mount Batten	827	97181	021	fd.	d.
St. Mawgan	817	97191	022	ir.f	+
Scilly	804	92181	036	ffid.	ff
Culdrose	809	93171	007	FFd.Fr.F	F
Guernsey	894	97171	000	id.d.r.ifiF	ffid.FF
Elmdon	534	93211	031	ir.d.r.rr.	+
Cardington	559	97230	015	id.	r.
Wittering	462	97231	019	r.	d.r.
Watnall	354	91221	033	d.-r.pr.ir.	pr.
Shawbury	414	03211	035	r.rrdrd.r.	pr.
Finningley	360	91240	038	r.r	+
Spurn Point	396			+	+
Leeming	257	97210	056	r.r.id.	+
Tynemouth	262	00220	041	+	+
Carlisle	222	93191	069	r.r.prpr.	+
Valley	302	97181	031	d.r.	+
Ringway	334	01211	043	pr.r.Rpr.	+
Squires Gate	318	96191	050	r.Rd.r.	+
Ronaldsway	204	01181	072	r.R1r.	+
Mull of Galloway	131	96171			
Eskdalemuir	162	03171	061	drd.r.Rr.	+
Prestwick	135	01171	079	rrrd	+
Abbotsinch	140	92161	067	d.r.dr	+
Leuchars	171	01161	049	d.r.pRpr	+
Dyce	091	07131	052	rRd.r.pr.	prpr.
Lerwick	005	93121	034	ir.	pr.
Wick	075	05131	054	rrr.r.pr.	pr.
Sule Skerry	010	92131			
Cape Wrath	049	01121	051	r.r.	+
Stornoway	026	95141	082	pr.	pr.
Benbecula	022	94141	073	pr.	pr.
Tiree	100	00141	074	jp	+
Aldergrove	917	92161	015	rpr.	+
Malin	980	0114	059		
Belmullet	976	9117	068		
Birr	965	0118	021		
Dublin	969	9220	039		
Shannon	962	9718	036		
Roches, Point	952	9320	067		
Valentia	953	9516	063		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

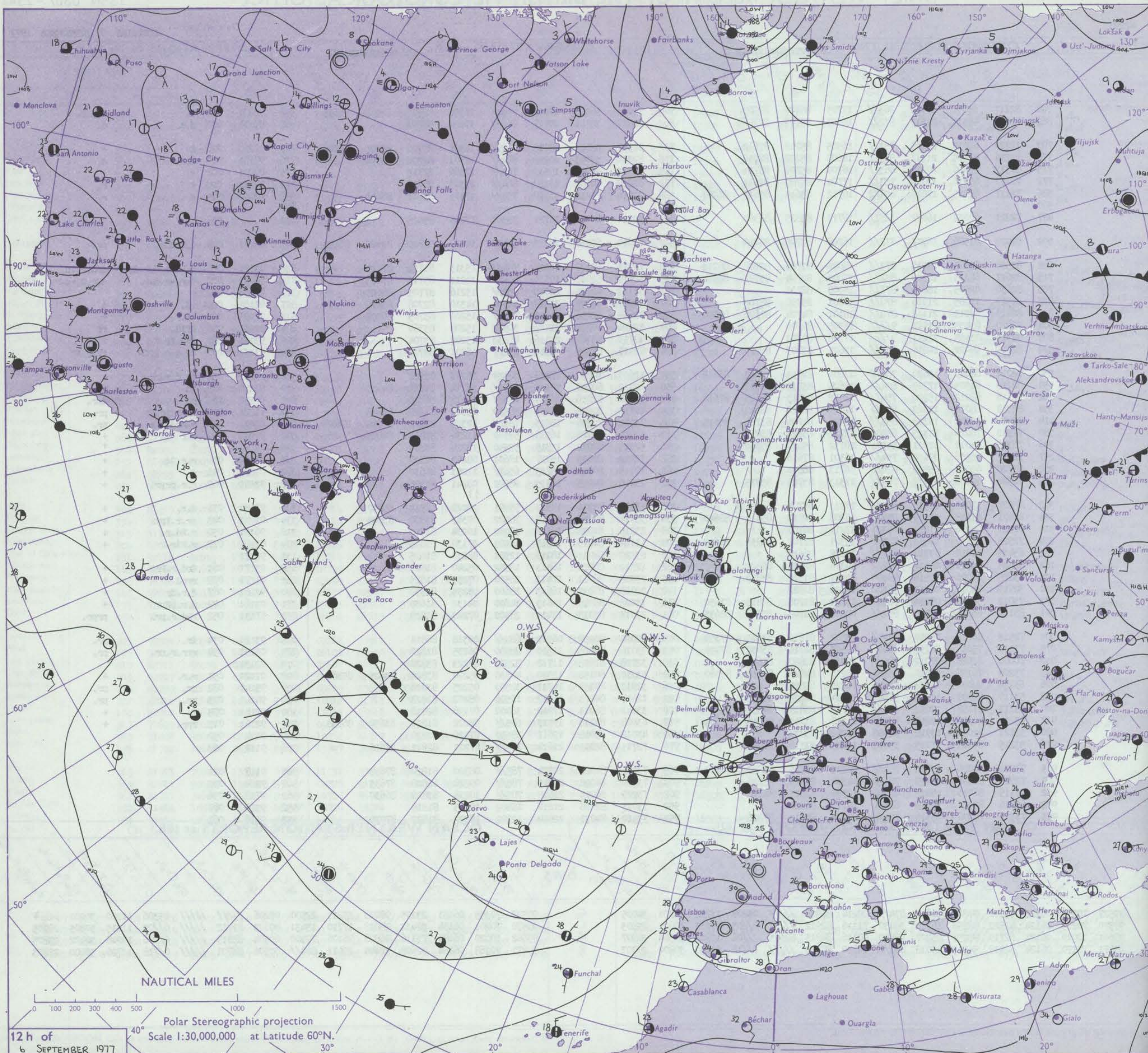
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06121	83106	97808	21611	834//	00214	86918	/////	05208	11232	30201	34005
L	99570	70203	06124	42822	98258	16310	39430	71116	82912	/////	0//03	11213	30805	25805
M	99661	10019	06124	62719	98258	95207	69440	00116	84815	82915	0//06	10963	30504	24807
R	99471	70170	06124	82418	94515	25018	861//	00110	88703	/////	0//18	11750	30804	29903

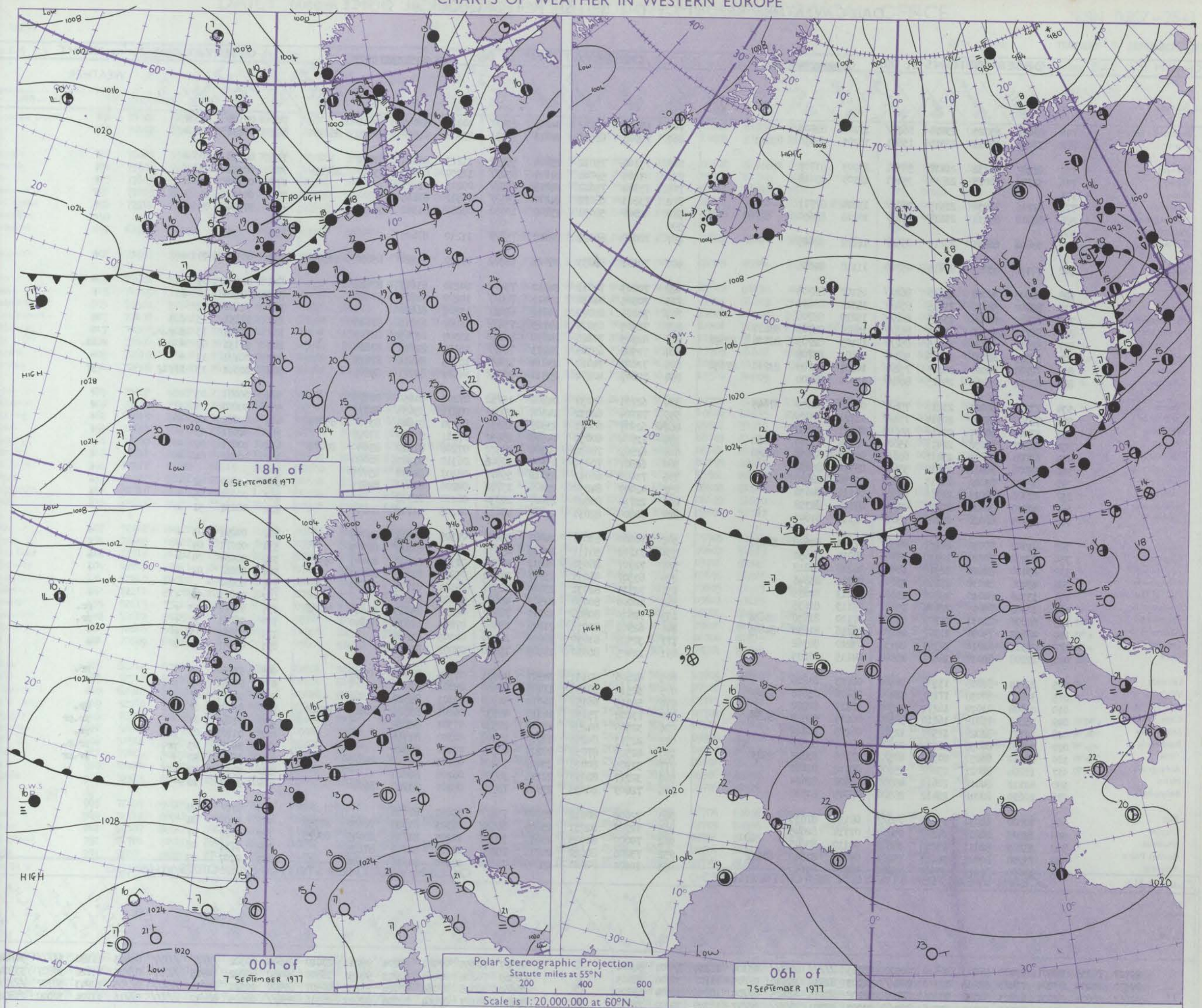
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06181	23205	98018	23211	22500	00206	/////	/////	05306	11260	30201	34904
L	99570	70201	06184	32422	98018	17710	13431	00103	81912	/////	0//05	11215	30805	28905
M	99662	10020	06184	73116	96808	96106	79400	00304	85915	/////	0//06	10948	30402	23805
R	99471	70168	06184	82608	92444	25917	860//	00306	88701	/////	0//18	11726	30000	27803

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 7 SEPTEMBER 1977

During the past 24 hours a deepening wave depression moved from Northern Ireland to the Baltic. The associated cold front became slow-moving over the English Channel while a ridge of high pressure moved into the British Isles from the west. During the next 24 hours a shallow wave depression is expected to move eastwards across southern England, with sympathetic troughing over northern districts. Renewed high pressure will ensue from the west.

Code FM 11.V

OBSERVATIONS at 00h. 07 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82402	65025	23014	862//	13109	88703		
Hurn	862	32408	65035	23315	15601	13205	81630	83075	
Manston	797	62307	62032	21417	553/1	16003	81707	85616	
Gatwick	776	32705	70015	22813	35401	12109	83618		
Kew	775								
Heathrow	772	72706	70036	22515	764//	13214	87711		
Honington	586	82810	65211	21215	856//	10218	88630		
Wattisham	590								
Gorleston	497	83614	66021	20715	855//	12222	88625		
Aberporth	502	40107	83011	23613	45700	11110	84656		
Filton	628	82605	57021	22716	862//	15107	88705		
Rhoose	715	82802	58016	22715	854//	15311	88615		
Hartland Point	703	82815	66026	23615	862//	15210	88704		
Mount Batten	827	82711	40522	24415	853//	15206	84708	88614	
St. Mawgan	817	82612	56036	24315	852//	15103	82703	86704	88626
Scilly	804	52513	62031	24815	56300	15101	85708		
Culdrose	809	72709	60021	24815	752//	14107	81703	83710	87630
Guernsey	894	82811	02465	25615	860//	15004	88700		
Elmdon	534	73208	68021	23213	756//	08118	82630	87645	
Cardington	559	73108	68021	22514	755//	11121	87629		
Wittering	462	53007	80031	22412	55600	08221	85638		
Watnall	354	42907	70030	22411	15601	08114	81640	84080	
Shawbury	414	63008	80012	23111	656//	09113	82636	86650	
Finningley	360	53006	81011	21512	55600	09116	85632		
Spurn Point	396	80506	75022	21713	856//	09230	88630		
Leeming	257	42906	84011	21911	45600	06120	84636		
Tynemouth	262	42710	80021	21410	40930	09218	84358		
Carlisle	222	13005	82020	21909	15600	07118	81640		
Valley	302	81502	80031	24111	855//	07113	82620	88636	
Ringway	334	22402	70021	22910	15701	08014	81650		
Squires Gate	318	23410	82020	22912	18402	06214	81818		
Ronaldsway	204	43406	84030	23210	35601	07212	83646		
Mull of Galloway	131	13310	84010	22809	15600	06213	81635		
Eskdalemuir	162	10102	75011	22404	15601	03113	81635		
Prestwick	135	62806	82031	21709	656//	07110	81630	86656	
Abbotsinch	140	40602	75030	21307	45600	05216	81630	84645	
Leuchars	171	22311	82010	20305	20932	03220	82362		
Dyce	091	22208	82010	18807	25600	04115	82635		
Lerwick	005	22714	82018	13308	28400	06223	81814		
Wick	075	32608	80038	17107	38400	05216	81818	83640	
Sule Skerry	010	22908	81020	16211	22500	07217	82820		
Cape Wrath	049	53208	75018	16610	58500	06215	83820	84625	
Stornoway	026	12307	82028	17507	12500	06205	81820		
Benbecula	022	22410	84038	18911	22500	09004	82820		
Tiree	100	62610	80251	20309	685//	07105	83820	85630	
Aldergrove	917	12004	84021	23407	15600	05112	81640		
Malin	980	42112	84018	21611	45500	08002	82624		
Belmullet	976	22610	80018	23412	28500	07005	81820		
Birr	965	70000	66031	25010	756//	08118	87635		
Dublin	969	22807	80011	24209	25600	07114	82645		
Shannon	962	33203	82011	25210	35600	08110	83645		
Roches Point	952	73208	80021	24611	15601	09007	81640	87072	
Valentia	953	10000	82011	25609	15600	08109	81640		

OBSERVATIONS at 06h. 07 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83605	68022	24213	854//	10212	83615	88645	
Hurn	862	72905	62031	24013	38531	13206	81820	83635	86070
Manston	797	73106	75012	23414	55532	11213	85622	83072	
Gatwick	776	83205	59041	24114	854//	12309	82711	83617	88622
Kew	775	73304	75022	24813	755//	09213	87627		
Heathrow	772	73203	68022	24214	755//	09312	87625		
Honington	586	62506	58031	23209	10932	08212	81362	86075	
Wattisham	590								
Gorleston	497	70000	66022	22913	755//	11210	87625		
Aberporth	502	70101	86031	25013	68572	09210	81820	85650	86360
Filton	628	70403	75012	24812	754/2	10210	81617	87622	
Rhoose	715	70805	74034	24412	784//	10209	81815	87640	
Hartland Point	703	70206	83022	24414	6562/	13305	86640		
Mount Batten	827	72505	65025	24715	754//	13207	83712	87615	
St. Mawgan	817	82305	70026	24814	862//	13304	83705	88709	
Scilly	804	72508	65505	24913	784//	13101	82818	87620	
Culdrose	809	72608	74022	25214	754//	12305	84616	87625	
Guernsey	894	72607	40104	25514	760//	14301	83701	85702	
Elmdon	534	62701	63031	24808	15732	07209	81650	86075	
Cardington	559	72704	62032	24308	55639	08211	85635	84173	
Wittering	462	62907	60021	23809	15632	07210	81645	83367	85075
Watnall	354	72704	60031	24508	15632	07211	81630	87075	
Shawbury	414	62902	78032	24308	38582	07206	81822	83650	86074
Finningley	360	62807	70031	23507	10946	06310	81365	86080	
Spurn Point	396	73009	66012	23012	55672	08207	84630	85075	
Leeming	257	42407	84030	23406	15702	04206	81650	84075	
Tynemouth	262	22710	80020	23007	20930	06210	82358		
Carlisle	222	60000	82031	23004	48432	04205	81712	84640	
Valley	302	70000	83031	24809	58402	07305	85818	85075	
Ringway	334	71702	56111	24408	25632	07304	82630	87075	
Squires Gate	318	72907	88031	24013	48405	06305	82818	83645	85073
Ronaldsway	204	63307	86031	23907	18442	05203	81818	86075	
Mull of Galloway	131	72710	82031	23410	48531	08101	81825	84630	
Eskdalemuir	162	40000	80030	23502	45602	02102	84635		
Prestwick	135	72810	80808	22210	7843/	08102	83818	84640	86656
Abbotsinch	140	62902	80018	21408	68440	07801	81814	85640	
Leuchars	171	32508	81030	20906	28530	04103	81820		
Dyce	091	12405	86010	19505	15630	03002	81640		
Lerwick	005	62606	80151	14907	49431	07304	81912	83635	
Wick	075	32510	80158	17406	28460	05001	81818		
Sule Skerry	010	52515	66158	16010	52500	09301	85820		
Cape Wrath	049	73208	75158	16310	4853/	06601	83820	83625	85360
Stornoway	026	32508	84258	17408	22530	07301	82824		
Benbecula	022	22513	84258	19010	23400	08302	81916		
Tiree	100	42510	87038	20209	42500	07400	84822		
Aldergrove	917	51905	80018	23409	58400	08101	82818	84628	
Malin	980	32717	88018	22211	38500	06205	82820		
Belmullet	976	72409	80038	23912	735//	08201	83920	86640	
Birr	965	72003	80012	25009	756//	08001	87638		
Dublin	969	72707	82031	25009	6853/	06303	81820	86650	87359
Shannon	962	70000	82025	25611	35432	10205	81718	83645	85075
Roches Point	952	73206	80022	25711	754//	08208	82717	87635	
Valentia	953	70000	82021	25809	785//	08400	81820	87636	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00121	09	+	+
Hurn	862	00131	10	+	+
Manston	797	00130	10	+	+
Gatwick	776	00131	08	+	+
Kew	775	00131	12	+	+
Heathrow	772	00131	11	+	+
Honington	586	97090	05	r.	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00121	09	+	+
Filton	628	00121	09	+	+
Rhoose	715	00110	10	f	+
Hartland Point	703	91141	12		
Mount Batten	827	97151	13	d.d	+
St. Mawgan	817	97141	13	d.r.r.	+
Scilly	804	97131	09	+	1d.
Culdrose	809	00131	11	+	+
Guernsey	894	00141	13	Fff1f	jf
Elmdon	534	00081	03	+	+
Cardington	559	00070	03	+	+
Wittering	462	00081	06	+	+
Watnall	354	00071	03	+	+
Shawbury	414	00071	02	+	+
Finningley	360	00070	04	+	+
Spurn Point	396			+	+
Leeming	257	00060	52	+	+
Tynemouth	262	00070	05	+	+
Carlisle	222	00031	51	+	+
Valley	302	00091	03	+	+
Ringway	334	00071	04	+	+
Squires Gate	318	00081	04	+	+
Ronaldsway	204	00061	02	+	+
Mull of Galloway	131	00090			
Eskdalemuir	162	00011	52	+	+
Prestwick	135	91071	02	+	pr.
Abbotsinch	140	96061	50	+	pr.
Leuchars	171	00051	03	+	+
Dyce	091	00051	01	+	+
Lerwick	005	97050	03	+	pr.
Wick	075	91051	02	pr.	+
Sule Skerry	010	92071	07		
Cape Wrath	049	92081	07	pr.	pr.
Stornoway	026	01061	04	+	pr.pr
Benbecula	022	01101	07	pr.	pr.
Tiree	100	96071	05	pr.	pr.r.
Aldergrove	917	96061	52	+	pr.pr
Malin	980	9710	07		
Belmullet	976	9210	10		
Birr	965	9707	04		
Dublin	969	0007	04		
Shannon	962	9709	07		
Roches Point	952	9711	08		
Valentia	953	9707	05		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07001	23005	98011	26610	22500	00215	/////	/////	05304	11214	3//01	34/04
L	99570	70200	07004	72423	98018	17810	784//	51103	82818	87640	0//05	11207	30806	28905
M	99662	10024	07004	62923	98038	98106	68400	00208	82815	86625	0//04	10935	30504	23805
R	99470	70167	07004	82502	92444	27016	860//	00003	88701	/////	0//17	11729	30000	27802

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07061	23004	98011	27010	25600	00302	/////	/////	05403	11180	3////	34/04
L	99569	70204	07064	42723	98251	16809	49460	00802	84915	/////	0//05	11226	30807	33904
M	99662	10026	07064	63026	97258	00507	69400	00321	85915	/////	0//05	10943	30707	/////
R	99471	70167	07064	82706	97022	26316	854//	00605	88610	/////	0//16	11724	30000	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

ISSN 0307–2541

No. 42294

Date of Issue THURSDAY 8 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 07 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73502	82022	25017	48632	08802	82835	83650	
Hurn	862	70402	65012	25318	785//	12601	83825	87645	
Manston	797	73005	75022	24716	756//	09000	85635	87650	
Gatwick	776	73604	72022	25118	15731	10805	81650	83360	86080
Kew	775	73305	81022	25817	11631	07802	81835	86360	
Heathrow	772	73205	81032	25517	18655	07803	81835	86360	86275
Honington	586	72811	80032	24415	11532	08602	81825	83362	87075
Wattisham	590								
Gorleston	497	62706	66022	23915	655//	10002	86625		
Aberporth	502	73507	89022	26314	785//	08203	81820	87650	
Filton	628	73604	83032	25318	785//	10804	82825	87656	
Rhoose	715	71205	72022	25616	785//	10801	81825	87650	
Hartland Point	703	70504	82022	25517	48571	14001	82825	83640	86360
Mount Batten	827	72408	75022	25317	28538	13603	82822	85365	86272
St. Mawgan	817	72807	80022	25716	62332	14101	83707	84812	
Scilly	804	73006	81025	26117	785//	15203	81820	87628	
Culdrose	809	72610	75022	25716	5843/	14602	81712	85650	
Guernsey	894	72806	70022	26317	7523/	14802	81704	83708	86645
Elmdon	534	73002	65022	25714	68532	07501	84828	85650	
Cardington	559	73308	77032	25716	12636	08500	81830	83363	85075
Wittering	462	63010	82022	25415	31631	05500	83830	83364	
Watnall	354	72607	80032	25214	78671	07501	81830	86656	
Shawbury	414	72509	84022	25115	745/2	09605	82825	83635	87650
Finningley	360	72911	80032	24416	686/2	05605	82832	85645	
Spurn Point	396	62812	75022	24615	21672	02000	82830	86075	
Leeming	257	72510	86031	23915	38608	04604	83840	87275	
Tynemouth	262	52710	81031	23214	12638	05805	81830	85275	
Carlisle	222	72811	84031	23415	785/2	07501	84827	85645	
Valley	302	72912	84022	26215	28502	08103	81825	87075	
Ringway	334	72608	68022	25514	785//	07301	82820	87645	
Squires Gate	318	72710	84032	25215	785/2	07202	82822	87645	
Ronaldsway	204	42613	88011	24714	28532	07001	82824	83075	
Mull of Galloway	131	72610	86022	24314	28505	08102	81825	87070	
Eskdalemuir	162	72211	82258	22812	58505	07500	83822	83640	
Prestwick	135	52615	75018	23015	38544	09500	83822	83075	
Abbotsinch	140	62612	84258	22112	58460	08301	81818	83822	
Leuchars	171	72616	83031	20514	6853/	04805	82828	85645	
Dyce	091	72609	84038	19114	38632	05604	83830	85075	
Lerwick	005	62212	82038	15111	28401	10501	82817	85070	
Wick	075	72712	82038	17411	49463	08601	81918	83820	85070
Sule Skerry	010	62710	81022	17012	4253/	09120	84820		
Cape Wrath	049	52710	80158	16611	48530	07302	82820	84625	85360
Stornoway	026	72519	70258	17513	6943/	08604	83915	84818	
Benbecula	022	52417	65258	19312	59463	10000	82912	84915	
Tiree	100	32516	84158	21114	39400	08400	81918	83822	
Aldergrove	917	72409	80251	24412	684/2	08001	83818	85645	
Malin	980	42414	84258	23113	43540	08005	82920		
Belmullet	976	32515	82011	25015	28502	08102	82821		
Birr	965	72607	84026	26114	785//	07500	83821	87636	
Dublin	969	72712	86012	25614	684/2	06001	82818	85648	87070
Shannon	962	62307	88012	26616	48508	10000	84825	85270	
Roches Point	952	71704	82022	26416	28532	10802	82820	86364	85072
Valentia	953	72204	84038	27015	78502	11802	83822	85656	

OBSERVATIONS at 18h. 07 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73504	83022	24117	58632	10603	81830	85650	
Hurn	862	72103	60112	24516	3563/	14603	83645	86360	
Manston	797	73105	70012	24315	15632	08602	81645	85362	
Gatwick	776	73502	75022	24617	686/9	09801	81840	86650	
Kew	775	63305	78021	25016	2563/	07601	82640	85360	
Heathrow	772	73403	75012	24617	35871	08503	83657	83359	85078
Honington	586	83005	78032	24215	856//	07500	86635	88650	
Wattisham	590								
Gorleston	497	83305	66012	24714	2557/	07304	82625	88360	
Aberporth	502	70401	89012	25813	30932	06503	83364	87075	
Filton	628	60204	84022	24816	48631	11502	81830	84650	
Rhoose	715	70104	80032	24716	68531	11602	81825	86656	
Hartland Point	703	73602	89032	25215	15731	10000	81650	87360	
Mount Batten	827	73613	80022	24218	78532	12501	86822	85365	86075
St. Mawgan	817	60105	82031	25415	18452	11002	81812	85360	
Scilly	804	53209	81022	25416	45579	13705	81628	84360	
Culdrose	809	63410	70012	25415	48431	12301	81818	83645	
Guernsey	894	52810	83022	25315	41332	13504	84809		
Elmdon	534	73307	72022	24714	38632	07701	81832	83638	85365
Cardington	559	72905	63022	24716	786//	10606	81835	87650	
Wittering	462	73103	68012	24514	48638	09506	81830	84650	87275
Watnall	354	62803	70012	24613	28502	07703	81825	85068	
Shawbury	414	73306	82022	25013	48571	08001	81827	84645	86460
Finningley	360	62807	81012	23714	58608	07703	82835	83650	
Spurn Point	396	62810	80012	24215	48570	05501	82820	84630	86360
Leeming	257	12708	89011	23214	18600	06802	81845		
Tynemouth	262	22715	80021	22514	11640	06603	81830		
Carlisle	222	32607	82251	22613	38440	08602	81717		
Valley	302	72408	89021	25414	65672	09505	81640	86656	
Ringway	334	32909	86031	24713	18642	06603	81835		
Squires Gate	318	12812	89011	24414	18501	08706	81825		
Ronaldsway	204	22506	86011	24013	28502	07606	81825		
Mull of Galloway	131	52908	86031	23413	58500	07605	81825	85630	
Eskdalemuir	162	32408	82018	22311	34500	05602	83625		
Prestwick	135	52913	84018	22313	58541	07706	81825	83642	
Abbotsinch	140	42512	82018	21313	48530	07803	81825	83650	
Leuchars	171	12613	86018	19813	18640	06704	81835		
Dyce	091	52605	89148	17914	58640	05804	84830		
Lerwick	005	52315	82018	13410	53402	09709	82910	83812	
Wick	075	72514	83038	16111	58532	07506	83820	84640	85070
Sule Skerry	010	42716	70038	14811	49500	09715	84920		
Cape Wrath	049	42309	80018	15211	38530	08708	81820	83625	
Stornoway	026	52516	62808	15811	594//	07611	83914	85818	
Benbecula	022	62417	70258	18011	684//	09505	81714	84818	85640
Tiree	100	32517	82018	20012	33400	09707	81712	81918	
Aldergrove	917	32611	84018	23514	38502	06601	81826	83645	
Malin	980	32521	84018	22213	38500	08806	83820		
Belmullet	976	32414	82021	24413	28502	09706	81821		
Birr	965	72603	84032	25214	35702	07705	83656	87070	
Dublin	969	72905	84022	24414	5857/	08705	82826	84650	85462
Shannon	962	63005	88012	25414	14508	08706	81625	86270	
Roches Point	952	72008	82032	25714	684/6	09706	81818	86636	86272
Valentia	953	72805	84022	25914	1852/	09705	81827	87465	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00191	050 +		+
Hurn	862	00181	009 +		+
Manston	797	00170	026 +		+
Gatwick	776	00181	035 +		+
Kew	775	00181	065 +		+
Heathrow	772	00190	054 +		+
Honington	586	00170	046 +		+
Wattisham	590				
Gorleston	497		009		
Aberporth	502	00151	015 +		+
Filton	628	00180	051 +		+
Rhoose	715	00180	025 +		+
Hartland Point	703	00170	067		
Mount Batten	827	00191	073 +		+
St. Mawgan	817	00181	069 +		+
Scilly	804	97181	003 +		ir.
Culdrose	809	00170	013 +		+
Guernsey	894	00171	033 +		+
Elmdon	534	00161	020 +		+
Cardington	559	00180	047 +		+
Wittering	462	00171	046 +		+
Watnall	354	00150	036 +		+
Shawbury	414	00160	032 +		+
Finningley	360	00160	054 +		+
Spurn Point	396		+		+
Leeming	257	00170	069 +		+
Tynemouth	262	00160	105 +		+
Carlisle	222	97151	075 +		pr.
Valley	302	00161	076 +		+
Ringway	334	00151	030 +		+
Squires Gate	318	00151	080 +		+
Ronaldsway	204	00151	067 +		+
Mull of Galloway	131	00150			
Eskdalemuir	162	97141	083 pr.		pr.
Prestwick	135	97151	067 pr.		pr.
Abbotsinch	140	95151	074 pr.		pr.
Leuchars	171	95151	097 pr.pr		pr.
Dyce	091	97161	098 pr.		jp
Lerwick	005	01121	083 pr.		pr
Wick	075	91151	052 pr.		+
Sule Skerry	010	01141			
Cape Wrath	049	03121	072 pr.		prpr.
Stornoway	026	02141	083 pr.		pr.pr
Benbecula	022	03141	068 pr.pr		pr.pr
Tiree	100	93151	083 jp		pr.pr
Aldergrove	917	97161	061 pr.		pr.
Malin	980	0115	063		
Belmullet	976	0015	074		
Birr	965	9116	019		
Dublin	969	0016	028		
Shannon	962	9717	037		
Roches Point	952	0016	033		
Valentia	953	9116	018		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

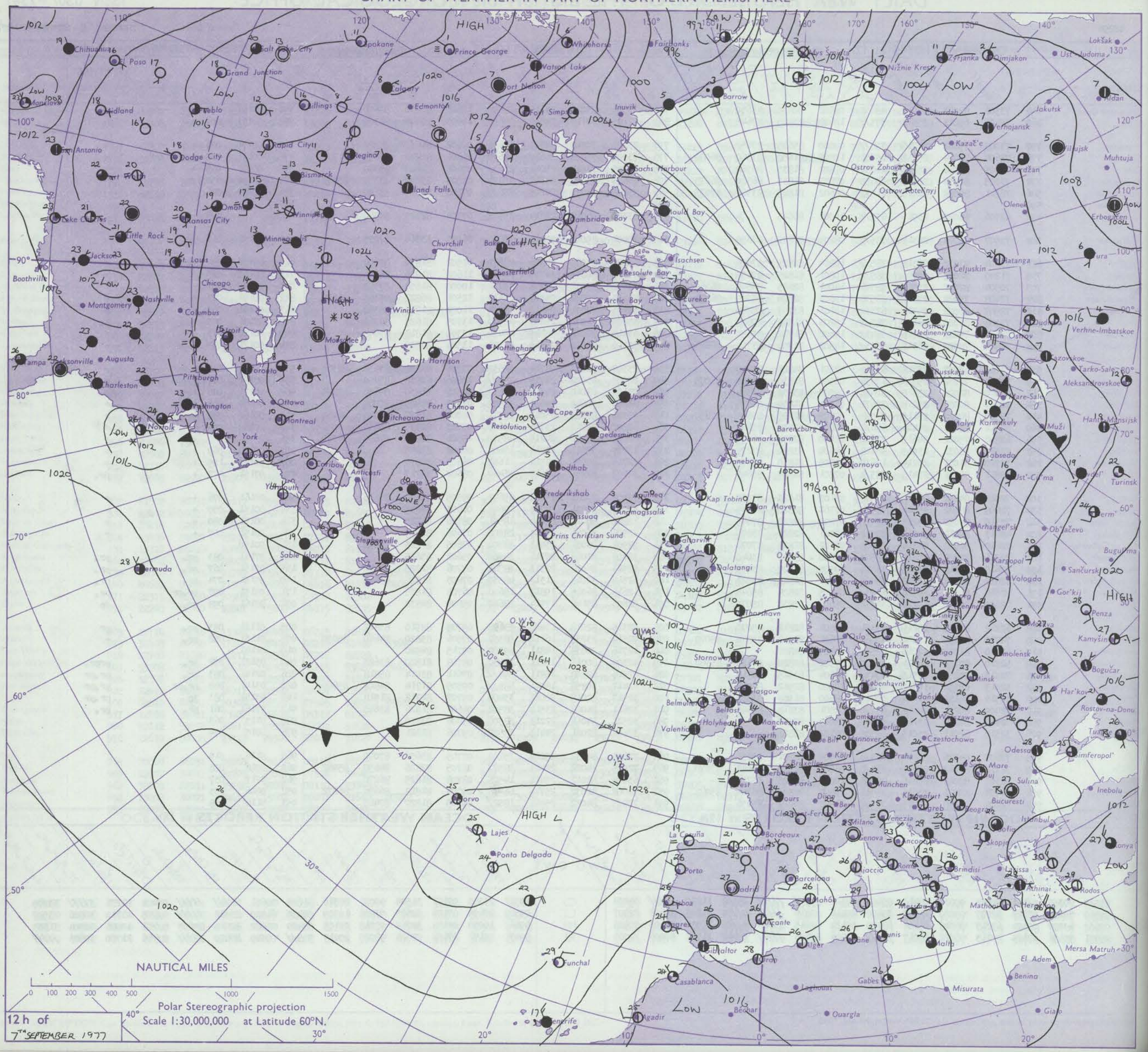
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07121	32902	99031	28410	25602	00304	/////	/////	05502	11230	3////	34004
L	99569	70201	07124	32727	99020	18809	38400	00214	82816	/////	0//04	11248	30808	22907
M	99662	10027	07124	63217	98018	05406	68400	00124	82815	85620	0//03	10938	30403	30908
R	99471	70171	07124	72113	96012	26017	753//	00806	87608	/////	0//17	11761	30000	24903

OCEAN WEATHER STATION REPORTS at 18h.

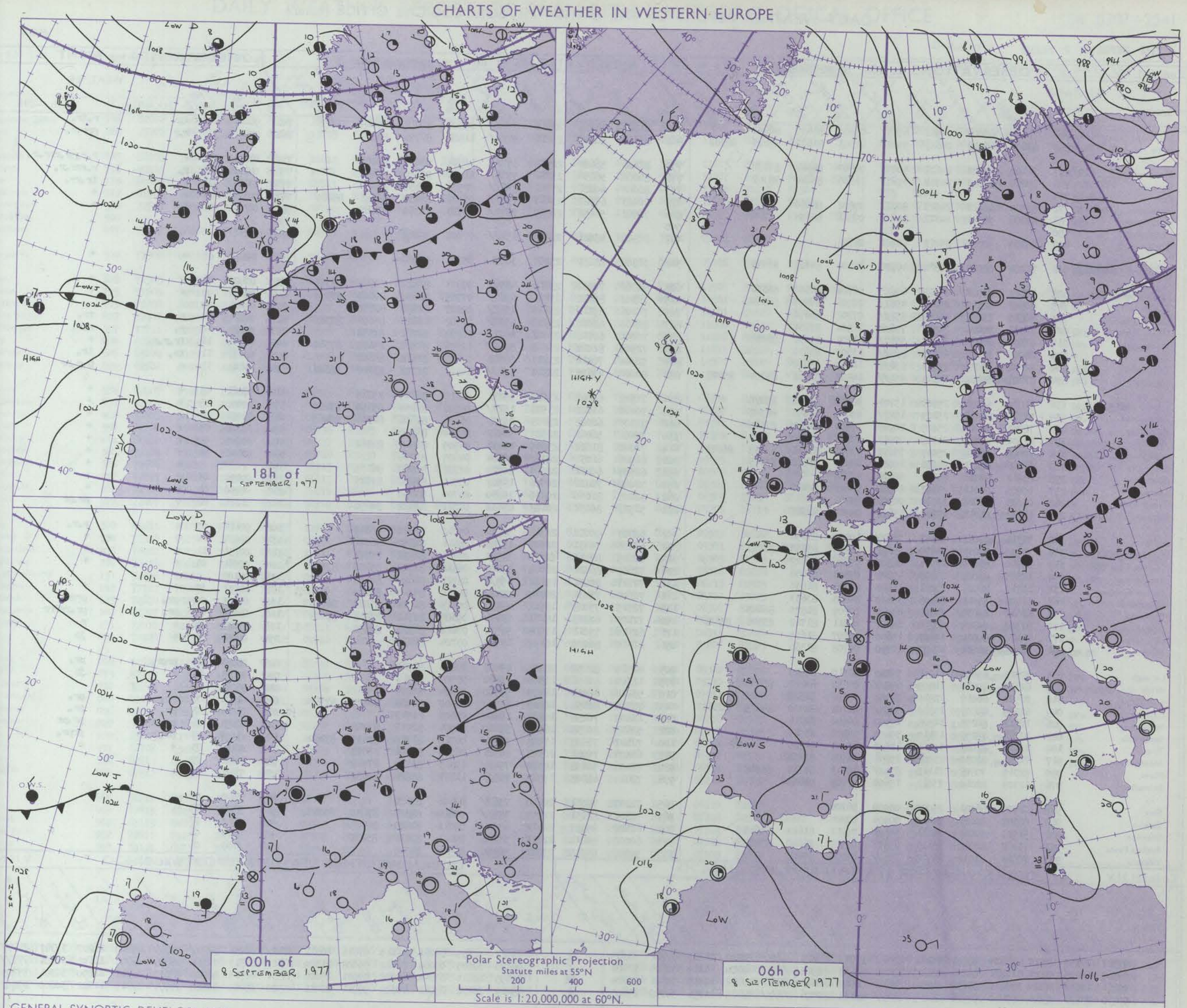
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07181	31504	99031	28310	31600	00601	/////	/////	05404	11276	3////	33205
L	99569	70199	07184	52623	97808	19309	59430	61500	83912	/////	0//05	11218	30806	23907
M	99662	10030	07184	52718	98018	07105	58400	00002	82815	84635	0//01	10946	30504	31805
R	99471	70172	07184	72624	98025	25017	755//	00400	87620	/////	0//16	11760	30603	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 8 SEPTEMBER 1977

During the past 24 hours a slow-moving cold front lay from north France to mid-Atlantic. A small wave developed and moved rapidly eastwards towards the English Channel. A westerly airstream covered much of the British Isles. During the next 24 hours the wave will continue moving rapidly eastwards into Europe whilst a ridge of high pressure is expected to move into western parts of the British Isles.

Code FM 11.V

OBSERVATIONS at 00h. 08 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	73605	80022	24912	6563/	08400	81630	86642	
Hurn	862	83603	60012	24613	5567/	11803	81632	85643	88362
Manston	797	71102	65022	24112	40978	09807	84362	87272	
Gatwick	776	80000	57042	24712	3557/	11605	83640	88362	
Kew	775								
Heathrow	772	83504	62022	24513	8097/	09802	88360		
Honington	586	82706	56042	24312	856//	09802	88638		
Wattisham	590								
Gorleston	497	02305	60021	24212	00900	08708			
Aberporth	502	71806	88032	25510	40932	06802	84362	87075	
Filton	628	70604	81022	25312	656/1	07704	81640	86650	
Rhoose	715	80602	82012	25012	4567/	07806	84645	88360	
Hartland Point	703	80810	89258	25114	857//	07702	88650		
Mount Batten	827	70306	70022	24515	756//	11804	87634		
St. Mawgan	817	82802	70022	25314	5567/	11504	85630	88358	
Scilly	804	80000	70026	25114	856//	13609	88630		
Culdrose	809	82902	65026	25613	856//	11000	88640		
Guernsey	894	82707	58102	24814	851//	14807	82702	84704	85707
Elmdon	534	51802	66031	25407	15701	06803	81650	85075	
Cardington	559	83202	62031	25109	1577/	09000	81650	88358	
Wittering	462	72703	75012	25009	20978	07804	81360	87275	
Watnall	354	82704	60042	24709	00907	07806	88270		
Shawbury	414	60000	75012	25009	35672	07804	83640	83465	86072
Finningley	360	52302	65031	24006	10934	05805	81360	85075	
Spurn Point	396	02812	68021	24312	00900	07000			
Leeming	257	20903	86011	23607	00901	06802	82080		
Tynemouth	262	02003	81020	23010	00900	08802			
Carlisle	222	12202	81011	22309	15601	08805	81643		
Valley	302	72311	82022	24613	757//	10809	87650		
Ringway	334	71905	70031	24609	35702	06805	83650	86072	
Squires Gate	318	22710	86011	23914	28500	09805	82827		
Ronaldsway	204	12805	86021	23409	15701	07808	81656		
Mull of Galloway	131	12710	86021	23011	15600	07705	81630		
Eskdalemuir	162	31002	75011	22406	35600	04805	83633		
Prestwick	135	62512	80038	21511	685//	07809	81820	86645	
Abbotsinch	140	62307	70808	20210	684//	08811	81712	83816	85626
Leuchars	171	12410	80020	19407	15600	06807	81635		
Dyce	091	12206	86031	17607	10940	04708	81360		
Lerwick	005	52314	65808	11508	59300	08510	85909		
Wick	075	62314	80031	14409	685//	05712	82820	85650	
Sule Skerry	010	22524	66018	12810	22500	08707	82820		
Cape Wrath	049	62309	80808	13310	5853/	08708	82820	84625	86360
Stornoway	026	12612	80258	14908	19400	06604	81916		
Benbecula	022	32721	75258	17110	39400	07803	83915		
Tiree	100	12617	82028	19211	12500	05603	81820		
Aldergrove	917	21805	82030	23008	25701	06808	82650		
Malin	980	82319	70808	21112	834//	10713	84714	86918	
Belmullet	976	12309	82010	23012	15600	08709	81640		
Birr	965	01904	66021	25007	00900	06706			
Dublin	969	02307	80021	24410	00900	07804			
Shannon	962	51903	80032	24611	555//	09711	81624	84645	
Roches Point	952	73402	82012	25113	6567/	09707	86640	87462	
Valentia	953	70504	83033	24910	756//	09709	87635		

OBSERVATIONS at 06h. 08 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	81303	64216	22910	854//	09606	82618	85628	88656
Hurn	862	83303	30616	23211	853//	11801	81706	88640	
Manston	797	82106	56602	22911	3572/	10504	83656	88459	
Gatwick	776	80000	36636	23711	3572/	11501	83650	88459	
Kew	775	80000	60021	23711	856//	08506	86635	88650	
Heathrow	772	80403	67022	23413	7567/	07506	84632	86656	88460
Honington	586	72802	56052	22809	7097/	07606	81360	87462	
Wattisham	590								
Gorleston	497	82805	48021	22810	854//	07707	88615		
Aberporth	502	31805	88031	23208	30931	05708	83360		
Filton	628	80702	70032	23310	4857/	07603	81820	84650	88361
Rhoose	715	70302	80022	23111	6567/	07505	81630	86640	87359
Hartland Point	703	71206	89216	23110	4567/	09807	84640	87360	
Mount Batten	827	82402	68026	23212	5557/	11502	83620	85656	87360
St. Mawgan	817	70000	60016	23012	2647/	11808	82712	87358	
Scilly	804	72508	82022	23113	5853/	12506	81820	85635	87360
Culdrose	809	52404	70016	23213	58400	11807	82818	84640	
Guernsey	894	80000	45626	22814	851//	14801	82702	83707	88626
Elmdon	534	71502	60042	23507	35671	06610	83645	85365	
Cardington	559	70000	61022	23508	1577/	08506	81650	85359	87462
Wittering	462	72804	62022	23208	25778	06606	82656	84361	85465
Watnall	354	72401	56042	22907	50972	06711	85360		
Shawbury	414	70000	81022	23005	18432	04509	81818	87362	
Finningley	360	61904	61031	22204	00904	04608	85075		
Spurn Point	396	62507	60011	22510	20979	07708	82360	86175	
Leeming	257	71408	70021	21506	18502	05711	81820	87075	
Tynemouth	262	32005	81030	20809	30930	08709	83358		
Carlisle	222	51503	80031	20108	48532	07711	82822	84650	
Valley	302	62807	80022	22311	58532	09712	81820	85645	
Ringway	334	61606	70031	22508	15702	06611	81650	86070	
Squires Gate	318	62709	84011	21613	38502	09711	82822	85072	
Ronaldsway	204	72607	86021	21009	38408	09612	81818	83650	87275
Mull of Galloway	131	72713	80031	19711	655/2	08721	81620	86635	
Eskdalemuir	162	70000	75031	20305	754//	04710	85710	87635	
Prestwick	135	72515	75028	18911	784//	09613	81814	83820	86640
Abbotsinch	140	72103	62808	18111	784//	09609	82712	83818	87628
Leuchars	171	62310	75011	17508	58530	07610	81820	85650	
Dyce	091	12310	86020	16107	18540	03704	81822		
Lerwick	005	42519	82258	08808	49403	07606	84910		
Wick	075	12310	80151	13306	19460	03507	81918		
Sule Skerry	010	53214	66028	11909	59500	07504	85920		
Cape Wrath	049	72714	80158	12609	6353/	06307	84920	86625	87360
Stornoway	026	12609	70258	14107	19400	05603	81915		
Benbecula	022	52615	80258	16010	59460	08704	82915	83818	
Tiree	100	72107	75608	17408	3847/	06710	81712	83635	87460
Aldergrove	917	61806	70021	20307	26301	06716	81706	85075	
Malin	980	72406	50658	18310	794//	10613	83716	87918	
Belmullet	976	72414	66808	19712	735//	11711	85920	85638	
Birr	965	72207	70011	22610	756//	07606	87636		
Dublin	969	72304	82031	22009	3853/	07610	81822	83650	85360
Shannon	962	62102	89032	22111	685//	09712	81820	86645	
Roches Point	952	60000	80011	22711	35601	09611	83638	85072	
Valentia	953	50000	84215	23011	56400	09506	84716		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	96101	10	r.r	r.ir.
Hurn	862	04111	11	r.r	rrr.r.
Manston	797	03111	07	+	r.r.-r.rrr.r.
Gatwick	776	04111	10	r.	r.rrr.r.
Kew	775	93101	06	+	ir.rr.
Heathrow	772	00120	10	+	+
Honington	586	00080	07	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00071	03	+	+
Filton	628	00100	08	+	+
Rhoose	715	00100	09	+	+
Hartland Point	703	94101	09		
Mount Batten	827	01121	11	r.	rr.
St. Mawgan	817	97121	10	r.	r.r.
Scilly	804	94131	11	ir.r.r.	+
Culdrose	809	92121	11	ir.	ir.
Guernsey	894	04141	11	+	d.r.rr
Elmdon	534	97061	03	+	+
Cardington	559	00080	06	+	+
Wittering	462	00081	06	+	+
Watnall	354	00070	03	+	+
Shawbury	414	00040	50	+	+
Finningley	360	00040	51	+	+
Spurn Point	396			+	+
Leeming	257	00050	03	+	+
Tynemouth	262	00090	04	+	+
Carlisle	222	01071	02	+	pr.pr
Valley	302	92111	05	+	r.r.
Ringway	334	00071	04	+	+
Squires Gate	318	00131	11	+	+
Ronaldsway	204	00061	03	+	+
Mull of Galloway	131	00100			
Eskdalemuir	162	00031	52	+	+
Prestwick	135	01101	09	pr.	prpr.
Abbotsinch	140	06092	07	pr.	pr.rrRrr
Leuchars	171	95071	04	+	r
Dyce	091	00051	01	+	jp
Lerwick	005	03061	04	prpr.	pr.
Wick	075	00051	03	+	jp
Sule Skerry	010	95071	07		
Cape Wrath	049	01071	06	pr.	pr.
Stornoway	026	01061	03	pr.	pr.
Benbecula	022	03091	06	pr.pr	pr.pr
Tiree	100	01081	07	pr.	prpr.
Aldergrove	917	00061	03	+	+
Malin	980	2610	09		
Belmullet	976	9510	08		
Birr	965	9707	04		
Dublin	969	9708	05		
Shannon	962	9710	07		
Roches Point	952	0010	06		
Valentia	953	9109	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_vv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08001	81409	98021	25111	855//	00717	88623	/////	06207	11233	3//02	34/05
L	99569	70205	08004	12821	99258	19909	19400	61103	81914	/////	0//04	11219	30804	32904
M	99661	10032	08004	33210	98258	07404	35600	00002	83635	/////	0//02	10919	30301	99/04
R	99470	70171	08004	73410	97216	26415	773//	00103	87706	/////	0//15	11756	30000	25603

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_vv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08061	81415	97616	16811	8742/	00754	/////	/////	05110	11207	3//07	/////
L	99570	70205	08064	23122	99028	21309	29403	71313	81914	/////	0//04	11193	30804	/////
M	99655	10035	08064	60908	99021	05606	55531	41715	82620	85635	0//01	11000	30201	35703
R	99469	70170	08064	40308	97011	26416	45500	00400	84620	/////	0//15	11722	30000	25602

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

No. 42295

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

Date of Issue FRIDAY 9 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 08 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82002	56616	22112	883//	10707	82707	83820	88656
Hurn	862	82902	30616	22613	853//	13705	85706	88615	
Manston	797	82206	56616	21813	5832/	11811	82808	85645	88460
Gatwick	776	82202	32616	22513	853//	11707	82708	83618	88645
Kew	775	80000	60026	22614	856//	07811	86635	88656	
Heathrow	772	81903	60022	22314	6552/	08609	83623	84650	88460
Honington	586	72706	84022	21315	11632	07712	81830	83367	87072
Wattisham	590								
Gorleston	497	73208	66022	21315	2157/	04714	82825	87358	
Aberporth	502	72309	89031	21616	6863/	07807	85830	86358	
Filton	628	72303	70012	22116	11572	09607	81825	85358	
Rhoose	715	71605	72032	21915	6857/	09810	81826	86648	87360
Hartland Point	703	72708	80012	22915	785//	11101	84820	87630	
Mount Batten	827	72107	82802	23015	785//	13503	84820	87650	
St. Mawgan	817	72711	82256	23015	5837/	13400	81708	85810	87358
Scilly	804	82711	80626	23716	6857/	13209	83820	85630	88358
Culdrose	809	63014	70258	23316	58530	12500	83820	85630	86360
Guernsey	894	62908	81016	22715	62300	13503	86808		
Elmdon	534	72407	75022	21316	22672	06716	82832	86070	
Cardington	559	72304	68022	21815	32618	09815	83830	84465	87275
Wittering	462	72605	80022	21515	28602	07715	82830	87075	
Watnall	354	72208	75022	20815	28578	08718	81825	83363	86270
Shawbury	414	62310	83012	20716	48582	09717	83828	83645	
Finningley	360	72308	75032	20017	32648	08718	83830	87272	
Spurn Point	396	72606	68022	20815	32572	07713	83825	85360	87075
Leeming	257	72513	86012	19115	68632	06815	85834	83075	
Tynemouth	262	72906	80021	18813	6563/	09814	86630		
Carlisle	222	72407	75258	18312	684/2	10710	81713	83820	85633
Valley	302	42211	80016	20915	48400	12710	81818	83638	
Ringway	334	72308	65152	20315	58532	09820	83822	84645	
Squires Gate	318	72412	80252	20217	48532	11811	83820	83070	
Ronaldsway	204	72416	86012	19413	784//	09710	81714	83820	87656
Mull of Galloway	131	72518	82012	18414	785//	08812	83825	87630	
Eskdalemuir	162	72112	70802	17312	785//	08715	85822	86635	
Prestwick	135	72614	75258	17712	784//	09106	81712	84822	86640
Abbotsinch	140	72707	82218	17411	784//	07603	82818	84624	87645
Leuchars	171	72010	82216	16412	4847/	07811	81818	83650	86362
Dyce	091	72108	84031	15112	58542	04810	82825	84656	
Lerwick	005	52622	82278	09311	53400	08302	82912	84818	
Wick	075	42712	80251	13310	39433	07500	82918		
Sule Skerry	010	32714	66168	12710	39500	07104	83920		
Cape Wrath	049	43214	80028	12910	33531	06400	83920	83360	
Stornoway	026	43016	82158	15111	43400	06206	81917	84820	
Benbecula	022	33018	82258	16912	23402	09207	81915		
Tiree	100	63115	81158	17712	43402	08303	82914	84070	
Aldergrove	917	62708	65216	18812	624//	10803	83710	84816	
Malin	980	62811	84256	19212	635//	09204	85920		
Belmullet	976	62817	81038	22414	635/2	08214	85920	83642	83920
Birr	965	52911	83018	21713	585//	08301	82822	84638	
Dublin	969	72413	62258	19912	7343/	10610	81715	84821	86640
Shannon	962	63123	84808	23313	5853/	09310	84825	83362	
Roches Point	952	72811	75151	22316	784//	09808	85819	86638	
Valentia	953	33114	84031	24814	32500	08212	83822		

OBSERVATIONS at 18h. 08 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	33007	75018	20315	38501	10807	82825		
Hurn	862	42506	56299	21014	43400	13706	81712	82916	
Manston	797	62306	66026	20113	3848/	11603	81818	83656	86359
Gatwick	776	72105	56256	20713	5848/	12607	82815	84656	87359
Kew	775	62206	60016	20514	28430	11610	81815	84360	
Heathrow	772	52106	59018	20315	18430	12710	81816	85360	
Honington	586	72702	70041	19115	4863/	06608	81835	84640	85360
Wattisham	590								
Gorleston	497	31404	66011	19516	35600	09708	83630		
Aberporth	502	63318	84029	21713	63400	09106	83918	84820	
Filton	628	72906	58952	20813	793//	11505	81709	82915	86630
Rhoose	715	42814	80036	21115	49472	10502	82818	82925	
Hartland Point	703	72912	85038	22513	5853/	11101	84820	85640	
Mount Batten	827	43411	83028	22815	48530	11208	83822	83645	
St. Mawgan	817	63111	89038	23614	68431	11206	86812		
Scilly	804	23216	83038	24215	22501	11211	82820		
Culdrose	809	53311	75038	23914	31402	12309	83815	84072	
Guernsey	894	72811	75808	23314	783//	13305	84707	83811	
Elmdon	534	72609	65801	19415	786/3	06704	82835	85645	86656
Cardington	559	72307	66022	19814	3857/	09607	82825	87360	
Wittering	462	83108	57811	20111	886//	09301	84830	88650	
Watnall	354	72503	60028	19712	78633	10302	81830	84640	85656
Shawbury	414	63007	68809	20011	5353/	09302	81925	83830	86360
Finningley	360	62005	60028	18711	59502	09508	81925	85650	
Spurn Point	396	72612	68258	18912	5357/	09502	82920	85630	87360
Leeming	257	72807	86212	18211	6862/	09302	82830	85650	86460
Tynemouth	262	62712	80022	17813	1567/	08305	81630	86358	
Carlisle	222	43108	83028	18312	48400	07205	81713	83826	
Valley	302	63513	83258	21812	68500	09313	84820		
Ringway	334	72502	60298	20010	783/3	09301	81708	83812	86645
Squires Gate	318	72911	62818	19512	793//	08305	81708	84912	86630
Ronaldsway	204	43116	86038	20712	48400	06316	83818		
Mull of Galloway	131	33424	86018	20411	38500	06213	82825		
Eskdalemuir	162	32809	82018	18409	38502	04210	83825		
Prestwick	135	33118	84018	19411	38560	06308	81824		
Abbotsinch	140	22710	82258	18511	28540	06309	81822		
Leuchars	171	32713	86021	16813	38502	04311	82828		
Dyce	091	33112	80158	15910	38500	05207	82825		
Lerwick	005	42817	65258	09608	49431	08302	83910		
Wick	075	32813	86028	14709	29460	05210	81918		
Sule Skerry	010	72914	74038	14810	795//	07011	83920	85825	
Cape Wrath	049	33212	82018	15310	33500	07215	83920		
Stornoway	026	32914	70258	17911	39400	06216	81917		
Benbecula	022	33120	80038	20111	32400	07217	83818		
Tiree	100	43016	87158	20411	42400	06214	84818		
Aldergrove	917	43309	75158	21712	43402	08312	81918	83820	
Malin	980	43223	83038	22112	43500	06314	83920		
Belmullet	976	52910	82808	24911	535//	08214	84820	82920	
Birr	965	13208	83018	24213	12500	06110	81820		
Dublin	969	23210	86258	22512	29500	07218	82822	81922	
Shannon	962	13015	86011	25513	18500	07212	81825		
Roches Point	952	22923	82018	25214	22400	07218	82818		
Valentia	953	33113	84020	27013	32500	07108	83824		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01161	020	r.r.pr.	pr.pr
Hurn	862	03151	002	r.r.	r.prtl.r.l
Manston	797	96141	002	r.r.	pr.l
Gatwick	776	01141	004	r.r.r	r.pr.iff
Kew	775	91151	005	ir.	tl.r.
Heathrow	772	97150	004	r.pr.	pr.tl.r.
Honington	586	93171	038	+	pr.
Wattisham	590				
Gorleston	497		037		
Aberporth	502	02161	041	+	[redacted] pRtlr
Filton	628	05171	044	+	tl.r.tlRpRpr.
Rhoose	715	91160	055	r.	pr.
Hartland Point	703	97150	034		
Mount Batten	827	97171	036	pr.	pr.
St. Mawgan	817	91161	023	pr.	pr.
Scilly	804	94180	061	pr	+
Culdrose	809	03171	048	pr.ir.	prpr.
Guernsey	894	96161	044	rrr.d.d.	pr.
Elmdon	534	02171	063	+	pr.tlr.tlRr.
Cardington	559	97170	035	+	pr.
Wittering	462	03171	040	+	pr.pr
Watnall	354	02181	037	+	ir.rRpr.
Shawbury	414	92171	023	pr.	pr.tl.r.kq
Finningley	360	02181	023	pr.pr	prpr.
Spurn Point	396			+	pr.
Leeming	257	96171	021	+	r.r
Tynemouth	262	00160	026	+	+
Carlisle	222	03151	032	pr.pRir.	ir.rr.
Valley	302	07161	040	r.r.pr.	pr.pr
Ringway	334	11151	023	pr.prpRr.	r.pr.tl.r.pr.
Squires Gate	318	05171	039	pr.	pr.pRpr
Ronaldsway	204	04151	057	pr.pr	pr.pr
Mull of Galloway	131	01140			
Eskdalemuir	162	96131	033	pr.pr	pr.
Prestwick	135	95141	048	pr.	pr.
Abbotsinch	140	04131	035	rrir.pr.	pr.
Leuchars	171	91151	055	r.	+
Dyce	091	04151	057	pr.pHR	pr.pr
Lerwick	005	08111	088	ph.pr.	pr.
Wick	075	03122	098	prpr.	pr.phrpR
Sule Skerry	010	01130			
Cape Wrath	049	01111	078	pr.	pr.
Stornoway	026	01131	110	pr.	pr.
Benbecula	022	02131	086	pr.pr	pr.
Tiree	100	92131	072	pr.	pr.
Aldergrove	917	02141	059	rr.prpr.	pr.pr
Malin	980	1113	069		
Belmullet	976	0114	080		
Birr	965	0115	073		
Dublin	969	0115	079		
Shannon	962	0215	074		
Roches Point	952	0117	072		
Valentia	953	0115	074		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

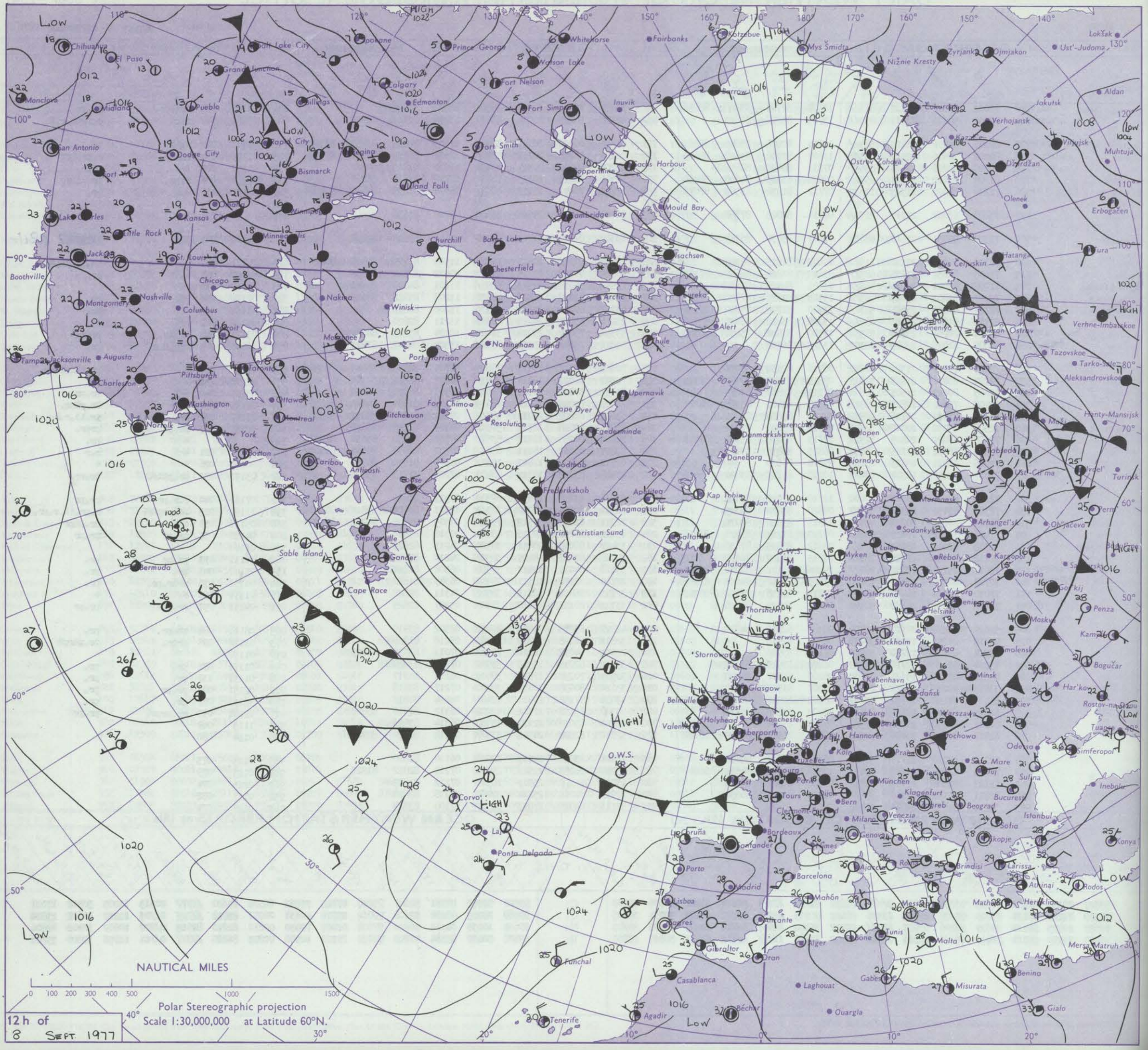
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08121	91613	93536	09913	9////	00619	89/08	/////	00213	11202	30606	17108
L	99569	70206	08124	73010	99038	25809	29436	00122	81914	87278	0//02	11203	30704	32905
M	99653	10035	08124	81019	97806	03007	894//	00712	85712	84915	0//06	11003	30403	99/03
R	99470	70170	08124	20412	98020	28816	22500	00112	82820	/////	0//13	11732	30000	27703

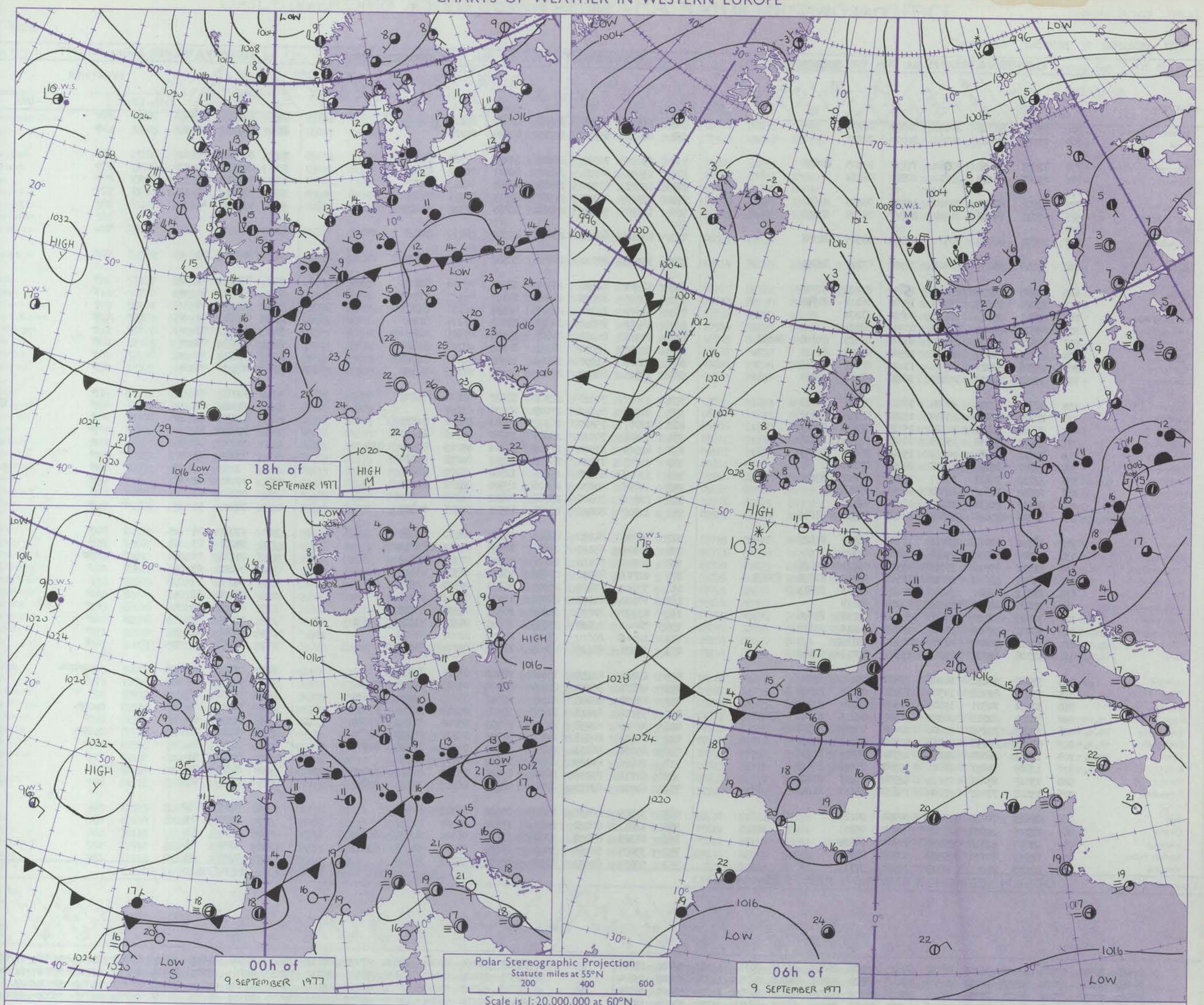
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08181	82607	95286	07713	35552	00500	83630	/////	00313	11203	30302	17007
L	99569	70205	08184	52608	99012	25910	42431	00701	83818	/////	0//03	11212	30602	23804
M	99654	10030	08184	70920	97808	01407	79430	00810	82810	84915	0//07	10999	30402	02804
R	99470	70170	08184	40709	98020	29316	42500	00803	84820	/////	0//14	11756	30000	33701

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 9 SEPTEMBER 1977

During the past 24 hours a northwesterly airstream became established over the British Isles as a shallow depression over the eastern English Channel moved away eastwards and an anticyclone moved slowly east towards southwest England. During the next 24 hours a ridge of high pressure is expected to move east over the British Isles as the high near southwest England moves slowly into France and frontal troughs move eastwards over northern and western districts.

Code FM 11.V

OBSERVATIONS at 00h. 09 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	03106	82018	24408	00900	07220			
Hurn	862	03308	70020	24609	00900	08221			
Manston	797	72607	62038	20911	757//	11303	87656		
Gatwick	776	03007	60288	22810	00900	08214			
Kew	775								
Heathrow	772	12908	68019	23010	15700	08218	81656		
Honington	586	82913	75038	21010	857//	09208	88656		
Wattisham	590								
Gorleston	497	22707	66020	20511	20930	08305	82358		
Aberporth	502	33319	88038	26411	38500	07219	82825		
Filton	628	13105	82039	25109	15400	07220	81710		
Rhoose	715	13006	83018	25708	15700	06119	81650		
Hartland Point	703	03615	85021	26813	00900	07224			
Mount Batten	827	03510	80011	26812	00900	08121			
St. Mawgan	817	43510	86028	27712	48400	08223	81818	84626	
Scilly	804	13513	82021	28513	12500	08219	81820		
Culdrose	809	13506	82021	27911	11400	07217	81818		
Guernsey	894	33412	84028	25812	38430	07216	82816		
Elmdon	534	12910	80039	23909	15700	07222	81650		
Cardington	559	32909	60058	22809	15730	08216	81650		
Wittering	462	22910	58018	22309	25700	07215	82650		
Watnall	354	32805	64038	23008	00901	07216	83075		
Shawbury	414	13011	80028	24209	15600	06221	81645		
Finningley	360	02807	62028	21808	00900	07218			
Spurn Point	396	33218	70011	20611	35500	08212	83625		
Leeming	257	02912	84011	21908	00900	05218			
Tynemouth	262	02912	81131	21208	00900	06213			
Carlisle	222	12806	70020	22807	15600	05220	81643		
Valley	302	12312	82018	26111	12500	06220	81822		
Ringway	334	02605	65018	23808	00900	07220			
Squires Gate	318	43314	80018	23811	48500	06220	84825		
Ronaldsway	204	33012	86018	25010	18501	06219	81824	83075	
Mull of Galloway	131	73513	66801	24809	724//	06223	87815		
Eskdalemuir	162	02809	80028	23205	00900	03119			
Prestwick	135	33408	82030	23806	38500	05217	82826		
Abbotsinch	140	10902	75020	23106	15540	04219	81625		
Leuchars	171	02712	86020	21507	00900	03220			
Dyce	091	12708	82028	19907	15600	03219	81640		
Lerwick	005	33117	80258	14206	33400	05121	83912		
Wick	075	23012	82018	19306	19401	03218	81918		
Sule Skerry	010	33434	74801	19809	39500	05222	83920		
Cape Wrath	049	33210	81018	20308	38500	04215	81820	83625	
Stornoway	026	22905	75258	22606	22400	05218	82817		
Benbecula	022	53213	80038	24010	52500	08220	85820		
Tiree	100	13113	86020	24209	12500	05216	81820		
Aldergrove	917	12809	84031	26008	15500	05217	81625		
Malin	980	13015	83028	25811	12500	04217	81820		
Belmullet	976	13007	77018	27608	15600	06110	81640		
Birr	965	02603	70020	29006	00900	04224			
Dublin	969	02707	82020	27307	00900	05221			
Shannon	962	03003	82010	29108	00900	06214			
Roches Point	952	02911	80020	29509	00900	07015			
Valentia	953	00103	84011	30310	00900	07111			

OBSERVATIONS at 06h. 09 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	13005	80030	28206	00901	05217	81080		
Hurn	862	02802	65110	28705	00900	05219			
Manston	797	13115	70021	25209	11400	07323	81811		
Gatwick	776	13106	80030	27307	00901	06222	81080		
Kew	775	12705	80020	27607	00901	06223	81075		
Heathrow	772	12709	80030	27307	00901	06221	81080		
Honington	586	12910	56051	25206	18500	05322	81825		
Wattisham	590								
Gorleston	497	42812	60031	23609	42500	08220	84820		
Aberporth	502	33310	89010	28810	38502	05107	82820		
Filton	628	12504	82030	28907	18401	05314	81818		
Rhoose	715	10000	82030	28707	18401	06113	81818		
Hartland Point	703	53610	85031	29612	42531	06211	84820		
Mount Batten	827	10402	89020	29807	18501	07214	81820		
St. Mawgan	817	23507	86020	29609	25501	07205	82620		
Scilly	804	23509	82030	30111	22500	08206	82820		
Culdrose	809	13607	81030	30109	18402	06209	81819		
Guernsey	894	23611	85020	28911	21500	07113	82820		
Elmdon	534	13007	70020	27307	18500	05214	81828		
Cardington	559	02906	65010	27005	00900	05222			
Wittering	462	12907	75020	26307	00901	05220	81075		
Watnall	354	12604	70010	26606	15600	04116	81635		
Shawbury	414	42509	81020	27506	38501	05215	82822	83640	
Finningley	360	12707	75020	26006	12501	04218	81820		
Spurn Point	396	13017	65020	25209	12500	05222	81825		
Leeming	257	13007	84030	26006	15500	04219	81620		
Tynemouth	262	02816	80020	25306	00900	04215			
Carlisle	222	12702	80020	26204	18501	04315	81822		
Valley	302	33006	84030	28608	22501	06210	82820		
Ringway	334	21402	65110	27606	28400	05315	81818		
Squires Gate	318	50000	80151	27008	52500	07214	85822		
Ronaldsway	204	22707	86010	27208	18402	06309	81816		
Mull of Galloway	131	33011	82028	26909	38500	06309	82825		
Eskdalemuir	162	10000	81010	26502	11401	01312	81818		
Prestwick	135	43107	82030	26009	38501	05208	83825		
Abbotsinch	140	30000	82030	25505	18501	04309	81820	83081	
Leuchars	171	12310	24405	23904	18631	02213	81830		
Dyce	091	12509	86028	23405	18500	02214	81820		
Lerwick	005	23014	82158	18406	28400	03220	81812		
Wick	075	42607	80158	22004	49400	03213	81918	83640	
Sule Skerry	010	63408	86038	22009	6854/	05208	82820	86625	
Cape Wrath	049	33206	82018	22207	38500	05207	82820	83625	
Stornoway	026	42709	82038	23604	28505	03206	81822	83070	
Benbecula	022	73212	80808	24909	52402	07208	85818	84075	
Tiree	100	63007	86031	25308	48402	05005	83818	84072	
Aldergrove	917	21606	84030	23904	15602	03207	81640		
Malin	980	62712	83258	26709	634/2	05203	81716	85820	81920
Belmullet	976	61002	82031	27708	48532	06501	82820	83642	
Birr	965	31502	80030	29704	15602	02302	81636		
Dublin	969	12611	80020	28905	18532	05304	81822		
Shannon	962	61303	85031	29607	655/2	06301	81620	86645	
Roches Point	952	33003	80030	30408	15601	07204	81640	83075	
Valentia	953	50000	84031	30105	55600	05702	85630		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00051	51	+	+
Hurn	862	97051	02	+	+
Manston	797	00091	08	1	+
Gatwick	776	00071	03	fl	+
Kew	775	91071	01	tl.r	+
Heathrow	772	97061	05	tl.r.	+
Honington	586	91060	04	pr.	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00101	07	+	+
Filton	628	00071	03	+	+
Rhoose	715	00050	52	+	+
Hartland Point	703	00110	08		
Mount Batten	827	00071	03	+	+
St. Mawgan	817	00081	03	+	+
Scilly	804	00100	05	+	+
Culdrose	809	97071	04	+	+
Guernsey	894	00111	09	+	+
Elmdon	534	97071	04	+	+
Cardington	559	91040	02	pr.l.	+
Wittering	462	97071	04	pr.	+
Watnall	354	97061	01	+	+
Shawbury	414	00050	00	+	+
Finningley	360	00061	03	+	+
Spurn Point	396			+	+
Leeming	257	00060	01	+	+
Tynemouth	262	00060	03	1	1
Carlisle	222	00041	51	+	+
Valley	302	97081	02	pr.	+
Ringway	334	00051	03	+	+
Squires Gate	318	91071	06	+	pr.
Ronaldsway	204	00081	03	+	+
Mull of Galloway	131	94071			
Eskdalemuir	162	00021	52	+	+
Prestwick	135	00061	01	+	+
Abbotsinch	140	00031	53	+	+
Leuchars	171	00041	01	+	+
Dyce	091	97051	03	pr.	+
Lerwick	005	01041	03	pr.	pr.ph.
Wick	075	93031	50	pr.	+
Sule Skerry	010	91060	07		
Cape Wrath	049	97071	05	pr.	pr.
Stornoway	026	01031	50	pr.	+
Benbecula	022	01081	04	pr.	pr.
Tiree	100	00071	04	+	+
Aldergrove	917	00031	51	+	+
Malin	980	0108	04		
Belmullet	976	9705	00		
Birr	965	9703	52		
Dublin	969	9705	03		
Shannon	962	9706	05		
Roches Point	952	9708	03		
Valentia	953	9705	02		

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	$8N_ch_ch_c$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09001	62209	96101	08712	65600	00206	86641	/////	00211	11167	3//02	17/07
L	99569	70204	09004	81212	98212	22509	4842/	00829	82817	84640	0//03	11204	30502	23804
M	99653	10030	09004	80124	97216	04206	854//	00115	84715	88625	0//04	11015	30403	02804
R	99470	70168	09004	11211	98020	30016	11500	00203	81820	/////	0//14	11733	30000	33701

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	$8N_ch_ch_c$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09061	82614	97032	08712	856//	00500	88645	/////	00008	11202	3//06	17/07
L	99571	70204	09064	81632	96616	10710	7722/	00763	87705	88515	0//10	11216	30706	22805
M	99646	10033	09064	80122	96816	05006	894//	41305	83810	86915	0//05	11012	30504	/////
R	99470	70170	09064	61610	98031	29317	65500	00103	86630	/////	0//15	11730	30000	33701

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

No. 42296

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue SATURDAY 10 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 09 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	53107	84021	30415	51600	07004	85835		
Hurn	862	32703	82030	30915	31601	06007	83832		
Manston	797	13108	82020	29215	11502	08218	81825		
Gatwick	776	13208	86020	30115	11601	03011	81835		
Kew	775	13407	82030	29915	11602	02103	81840		
Heathrow	772	33507	82030	29815	21602	05006	82840		
Honington	586	63108	80031	28613	31502	04409	83828	85070	
Wattisham	590								
Gorleston	497	43210	66018	28114	42500	05215	84820		
Aberporth	502	72909	89021	30713	11502	08003	81825	87075	
Filton	628	53107	82031	30615	41501	07002	84827		
Rhoose	715	52710	83031	30715	21504	07001	82828	84075	
Hartland Point	703	53202	89031	31615	22606	08006	82835	85075	
Mount Batten	827	32309	86030	31415	21501	09801	82828		
St. Mawgan	817	32707	88020	31814	11501	09003	81822	83075	
Scilly	804	32305	83020	31816	22501	10003	82820		
Culdrose	809	52406	80021	31815	32501	09002	83823	83070	
Guernsey	894	13307	84020	32115	11502	08113	81822		
Elmdon	534	42708	70021	29814	32601	04005	83830		
Cardington	559	33110	75011	29615	21502	07005	82825		
Wittering	462	53107	82031	29514	21601	05211	82835	84075	
Watnall	354	63106	82031	29214	42632	05208	84830	83072	
Shawbury	414	52708	83031	29515	31631	06005	83830	83075	
Finningley	360	62909	83031	28514	11636	05207	81835	86278	
Spurn Point	396	52812	80031	28814	22501	04213	82825	85075	
Leeming	257	73110	86031	27914	41608	04004	84830	87272	
Tynemouth	262	82708	80021	27812	1551/	05105	81620	88460	
Carlisle	222	82706	85031	27112	28537	06803	81828	88270	
Valley	302	42311	82011	30014	42532	09802	84824		
Ringway	334	72607	67021	29512	38531	07306	81825	83640	85360
Squires Gate	318	72810	84028	28913	68531	06004	82828	86657	
Ronaldsway	204	72412	86031	28612	786//	04502	83830	87650	
Mull of Galloway	131	72608	84022	28012	785//	07002	81825	87630	
Eskdalemuir	162	82107	82038	26610	58507	05804	85820	88270	
Prestwick	135	82610	82021	26911	5857/	06000	81822	85645	88462
Abbotsinch	140	82508	82021	26211	2857/	06000	81820	86362	88465
Leuchars	171	82510	88021	25312	2851/	03801	82825	88465	
Dyce	091	82807	89021	24111	24557	04002	82822	83365	88270
Lerwick	005	52812	82028	20609	38401	50105	83818	83072	
Wick	075	72813	81808	22909	49468	06202	83918	83640	87270
Sule Skerry	010	83412	84158	22110	885//	06803	83820	88625	
Cape Wrath	049	82710	80038	21909	5851/	06605	83820	85625	88460
Stornoway	026	82311	85031	22611	3851/	07811	83823	88463	
Benbecula	022	82215	82608	23909	6842/	05711	83818	86640	88459
Tiree	100	82308	70616	25010	6542/	05808	81715	86622	88458
Aldergrove	917	72208	82021	27812	3547/	08506	81710	83650	87459
Malin	980	81917	84022	26012	3857/	06808	81820	88364	
Belmullet	976	82019	81022	25513	6647/	07715	84718	86638	88460
Birr	965	72313	82031	28214	685/2	06715	85824	83642	87070
Dublin	969	62410	84021	28713	2153/	05709	82827	85360	
Shannon	962	72115	86031	28314	755//	06716	83828	87638	
Roches Point	952	71812	81031	29914	784/2	08811	86819	84075	
Valentia	953	71914	84022	28814	756//	08712	87630		

OBSERVATIONS at 18h. 09 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62505	86031	29013	15602	06704	81630	86075	
Hurn	862	72308	82031	29914	14632	07503	81640	86075	
Manston	797	42303	75020	28615	14741	05504	81850	83080	
Gatwick	776	30000	84011	29315	14602	07603	81640	83080	
Kew	775	42606	83021	29215	14601	03605	81645	84078	
Heathrow	772	32405	82011	28715	14602	05503	81645	83080	
Honington	586	72604	75022	27714	1563/	05705	81640	87360	
Wattisham	590								
Gorleston	497	70000	64031	28414	756//	06301	87630		
Aberporth	502	72110	89022	28211	22532	08714	82825	84363	85075
Filton	628	72707	82032	29013	10938	06707	81362	84275	87078
Rhoose	715	72908	84032	29313	18638	07608	81830	87275	
Hartland Point	703	62715	89022	29713	31649	08712	83830	86175	
Mount Batten	827	72410	84031	30314	38572	10506	81825	83635	87075
St. Mawgan	817	62509	89031	30414	24532	10708	81820	85075	
Scilly	804	52308	83031	30214	44501	09607	84820		
Culdrose	809	52406	80021	30614	31502	09606	83825	84070	
Guernsey	894	22904	82011	31213	11602	07803	81830		
Elmdon	534	52408	86011	27814	14636	03710	81645	85075	
Cardington	559	72607	70031	28015	11651	06807	81835	86362	
Wittering	462	62304	78011	27714	11671	05806	81840	85362	
Watnall	354	72302	70012	26913	14672	07811	81830	85360	85072
Shawbury	414	72707	83032	27612	14636	06507	81630	87275	
Finningley	360	72805	77022	26513	7097/	06811	87365		
Spurn Point	396	82811	64022	26814	1252/	05710	81825	88460	
Leeming	257	82406	84022	26012	1557/	05811	81625	84359	88460
Tynemouth	262	82305	61606	25810	7557/	08706	87625	88358	
Carlisle	222	80104	57636	25509	4547/	07509	84618	84359	88462
Valley	302	72224	80021	26313	2157/	08723	82826	87460	
Ringway	334	72503	80022	27212	14672	06713	81630	86362	87075
Squires Gate	318	82413	82012	26313	18577	07720	81825	86360	88270
Ronaldsway	204	81920	82032	24613	5857/	08726	82820	84626	87360
Mull of Galloway	131	82125	82602	23812	5562/	07725	85630	88460	
Eskdalemuir	162	81903	60636	24906	8072/	05614	88556		
Prestwick	135	82008	70616	23509	6557/	07725	82622	85640	88460
Abbotsinch	140	80802	65636	23208	5542/	06820	82712	84632	88459
Leuchars	171	82310	75612	23208	5552/	06708	82620	84650	88462
Dyce	091	82207	82602	21310	3562/	03715	81630	83650	88457
Lerwick	005	81603	82212	18407	6842/	05715	81815	86640	88460
Wick	075	82313	70608	20407	2742/	05807	82715	88530	
Sule Skerry	010	82316	66606	19309	1552/	05716	81625	88458	
Cape Wrath	049	82306	66638	18607	874//	07717	88710		
Stornoway	026	82115	65638	17009	5532/	07843	82706	85614	88530
Benbecula	022	81615	75616	16509	7532/	07847	81706	83712	86625
Tiree	100	81924	56636	18210	6542/	10743	83710	86618	88530
Aldergrove	917	81708	60606	23311	854//	08623	82710	85620	88630
Malin	980	81819	70616	19010	2047/	09838	82717	88460	
Belmullet	976	81927	32586	19013	864//	12724	85710	88718	
Birr	965	72115	83022	23814	785//	08630	81822	87638	
Dublin	969	72011	82022	24114	4857/	05624	83824	87462	
Shannon	962	72212	86606	24414	3547/	09622	81715	83640	87458
Roches Point	952	72119	75032	26714	754/1	09720	82715	87635	
Valentia	953	81918	75022	25515	885//	11715	83822	88635	

OBSERVATIONS during DAY

iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00171	115	+	+
862	00171	099	+	+
797	00160	114	+	+
776	00171	112	+	+
775	00160	107	+	+
772	00170	105	+	+
586	00160	083	+	+
590				
497		060		
502	00141	094	+	+
628	00160	108	+	+
715	00150	092	+	+
703	00150	110		
827	00161	112	+	+
817	00161	110	+	+
804	00170	093	+	+
809	00150	097	+	+
894	00151	096	+	+
534	00160	104	+	+
559	00170	096	+	+
462	00151	080	+	+
354	00150	063	+	+
414	00160	074	+	+
360	00160	060	+	+
396			+	ir.r.r.
257	96141	050	+	ir.
262	92131	047	+	ir.
222	05131	042	r.rr.	r.r.rRr.rRrr.
302	97141	076	+	ir.
334	97141	037	+	r.
318	92141	026	+	r.r
204	96141	041	+	r.r
131	01141			
162	07101	012	pr.r.r	rrr.r.
135	07121	005	pr.r.r.	rrr.r.
140	07112	007	r.r	r.rrdr
171	92131	033	+	r.r.ir.
091	97131	045	jp	r.r.ir.
005	93101	068	+	ir.
075	02112	025	pr.	ir.ir
010	03111			
049	04102	011	pr.	rrr.r.
026	06112	001	pr.r.r.	r.r.rR
022	06111	000	pr.prpr.r.r	r.r.Rr
100	18111	000	ir.r.r.r	r.rrRR
917	96121	012	+	r.-r.r.
980	0212	000		
976	0215	003		
965	9715	049		
969	9715	057		
962	9716	028		
952	9715	057		
953	0016	010		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

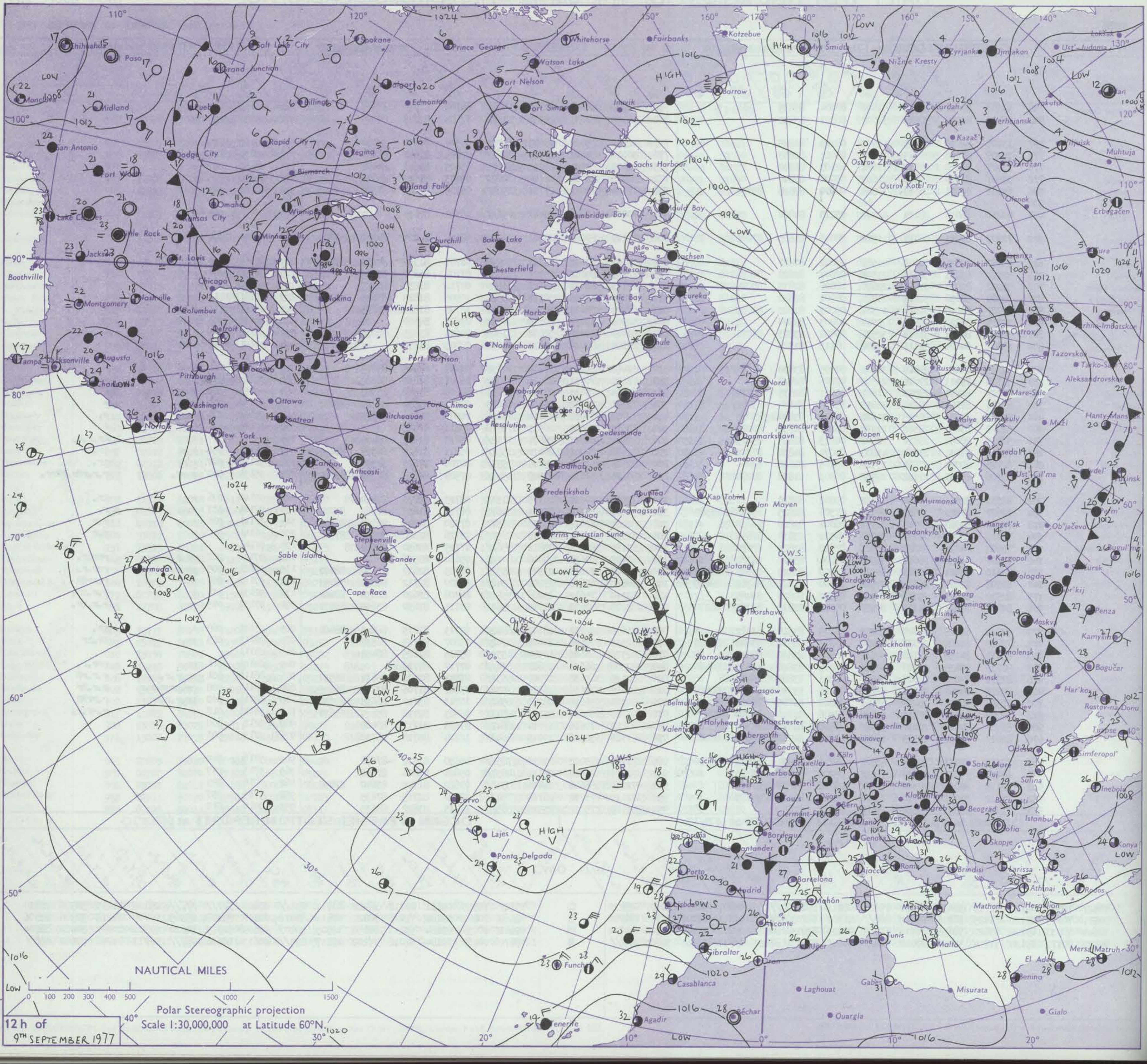
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09121	72713	98038	11411	75600	00211	87640	/////	05107	11217	30607	25210
L	99571	70203	09124	82425	96216	05212	862//	41302	88703	/////	0//12	11202	30706	99/06
M	99644	10038	09124	63520	98156	10106	69403	00229	82915	84820	0//02	11009	30504	34704
R	99470	70170	09124	71714	97026	29018	784//	00803	81813	87620	0//17	11761	30602	/////

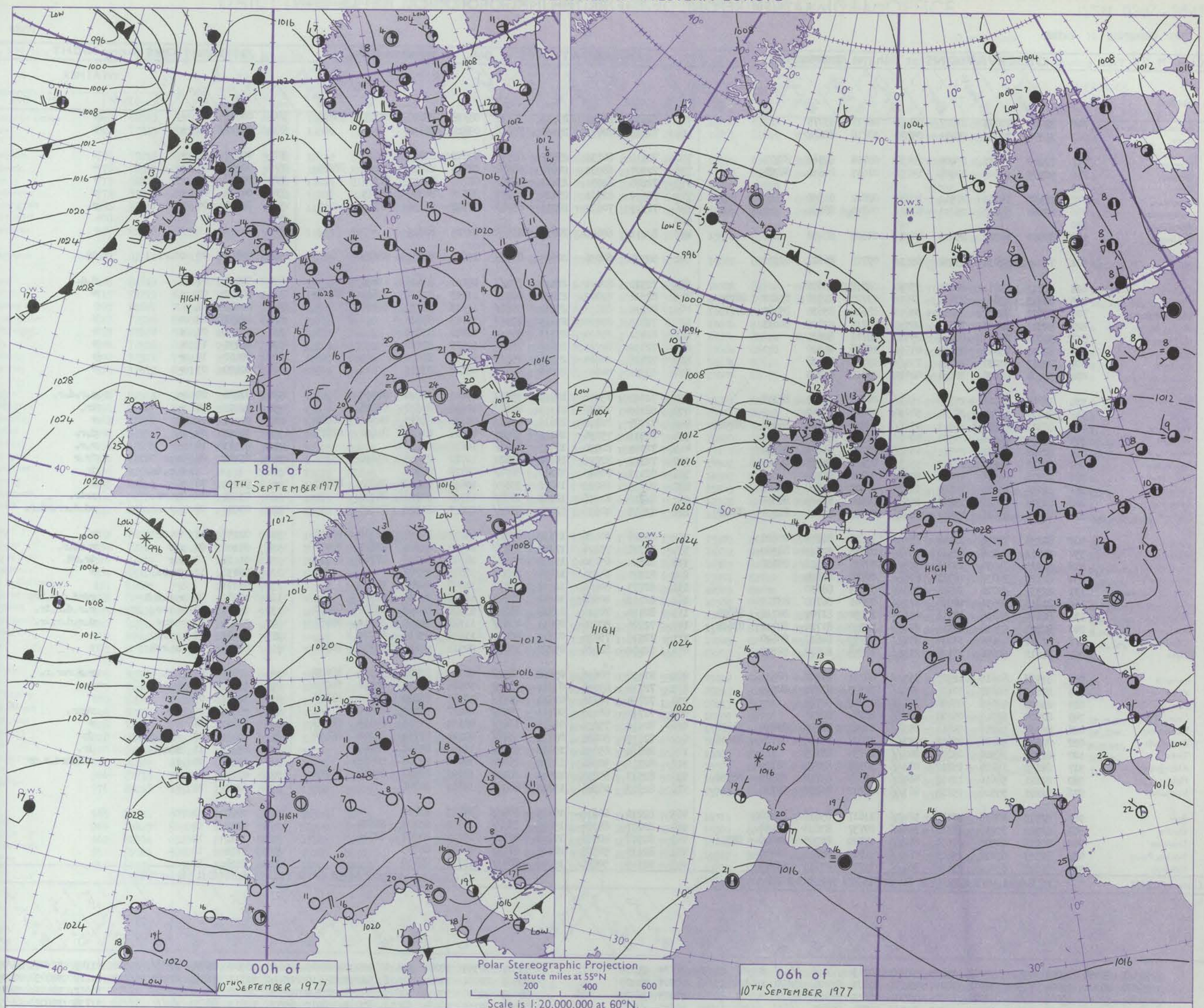
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	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	09181	82712	98022	11711	834//	00602	/////	/////	05108	11193	30506	25210
L	99569	70202	09184	72418	98022	07411	36372	00107	83708	85365	0//09	11218	30806	21906
M	99641	10039	09184	53111	99158	12505	59403	00109	81915	84820	0//01	10999	30402	36704
R	99470	70169	09184	82016	97202	27117	855//	00613	88626	/////	0//17	11746	30602	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 10 SEPTEMBER 1977

During the past 24 hours, an anticyclone south of Ireland moved into North France. Associated ridge moved eastwards across the British Isles ahead of frontal troughs approaching from the Atlantic. During the next 24 hours the high over France will drift south. Low south of Iceland will move east to northern North Sea while a shallow low in mid-Atlantic deepens and moves northeast towards north Scotland.

Code FM 11.V

OBSERVATIONS at 00h. 10 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	32007	70021	27807	00901	06717	83075		
Hurn	862	22306	70031	28411	25700	10716	82656		
Manston	797	72209	75031	27409	20938	08714	82362	87275	
Gatwick	776	52505	59101	28408	15732	07613	81650	84075	
Kew	775								
Heathrow	772	22107	75011	27511	10931	07812	81359		
Honington	586	82207	65021	25211	8092/	06723	88464		
Wattisham	590								
Gorleston	497	82010	60022	25013	8092/	07828	88458		
Aberporth	502	72214	82032	25112	6553/	09722	86627	87359	
Filton	628	32311	81011	26812	35730	08718	83656		
Rhoose	715	62413	83012	26612	38501	09723	81820	83628	86075
Hartland Point	703	72622	89032	26814	34616	08618	83634	85460	87275
Mount Batten	827	52511	82021	28514	48530	10717	82825	84633	
St. Mawgan	817	32009	86011	28411	25502	08717	82624		
Scilly	804	52315	83021	28314	45530	10716	84620		
Culdrose	809	72212	81031	28714	755//	09718	87628		
Guernsey	894	32304	84030	30011	00902	07814	83075		
Elmdon	534	71807	80022	25310	1567/	06823	81630	87359	
Cardington	559	52412	66012	26211	50930	07818	85360		
Wittering	462	82311	80212	24911	4567/	07823	84640	86360	88464
Watnall	354	82110	68216	23510	8097/	07733	88359		
Shawbury	414	82008	80022	23511	6557/	07731	86622	88360	
Finningley	360	82111	82216	22311	5577/	07736	85656	88462	
Spurn Point	396	82006	66216	23611	8097/	08730	88360		
Leeming	257	81916	65026	20510	5557/	07843	85628	88460	
Tynemouth	262	81914	69626	19209	2557/	09748	82625	88358	
Carlisle	222	82310	59616	17811	854//	09742	82712	84620	88628
Valley	302	82231	75026	21414	854//	11836	81615	88628	
Ringway	334	81912	75216	22511	2567/	07836	82645	88360	
Squires Gate	318	82216	75036	21013	855//	09738	86625	88650	
Ronaldsway	204	82123	70036	18313	855//	09740	88624		
Mull of Galloway	131	82339	82026	14913	856//	09753	88630		
Eskdalemuir	162	81815	56636	16909	873//	09746	86708	88712	
Prestwick	135	82014	56616	14711	7532/	10851	81709	84712	86624
Abbotsinch	140	82214	57636	13911	7542/	10753	81710	84712	87618
Leuchars	171	82211	62636	14109	854//	08759	84618	88628	
Dyce	091	81612	50656	13107	2732/	07853	82709	88550	
Lerwick	005	81908	60616	12507	853//	06731	84707	88615	
Wick	075	81615	65636	10108	3742/	07759	83714	88545	
Sule Skerry	010	81426	58656	08408	874//	08767	88715		
Cape Wrath	049	82305	66616	06208	874//	06779	88715		
Stornoway	026	82118	56216	04511	853//	11862	82706	85710	88618
Benbecula	022	82520	56206	06813	853//	12621	85706	87709	88615
Tiree	100	82517	25516	09213	862//	13735	88705		
Aldergrove	917	82120	75026	15212	873//	10738	83708	88710	
Malin	980	82221	58616	12413	5642/	13619	83712	85715	88550
Belmullet	976	82219	35516	15215	863//	12712	86707	88714	
Birr	965	82113	60616	20113	5742/	11617	85710	88458	
Dublin	969	82322	75216	18513	3567/	09737	83635	88460	
Shannon	962	82215	40586	20514	862//	14720	82705	85708	88711
Roches Point	952	82117	65022	23814	864//	12719	85711	88715	
Valentia	953	82117	65022	23814	864//	12719	85711	88715	

OBSERVATIONS at 06h. 10 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62213	81031	23511	35732	08718	83650	84365	85075
Hurn	862	72505	70031	25110	756//	09812	86630		
Manston	797	72110	80031	23812	6853/	09617	82820	86650	
Gatwick	776	72307	68031	24609	68538	08614	81822	83626	87275
Kew	775	72208	82031	23411	1567/	07721	81645	87359	
Heathrow	772	72110	82021	23112	60954	08725	86358	86075	
Honington	586	72313	70602	20311	65772	07727	86656	87360	
Wattisham	590								
Gorleston	497	82212	60606	20612	855//	08725	88625		
Aberporth	502	82324	68036	20614	854//	12619	86712	88625	
Filton	628	72312	82021	22112	754//	09721	83616	87624	
Rhoose	715	82518	82022	21914	6842/	11723	81814	85616	88460
Hartland Point	703	82730	69032	23314	5567/	11713	85630	88460	
Mount Batten	827	72615	82022	25215	755//	11713	87627		
St. Mawgan	817	82412	75021	25213	855//	11814	88620		
Scilly	804	72314	82021	25614	755//	12509	87620		
Culdrose	809	72416	80011	25214	755//	10713	87620		
Guernsey	894	32309	84011	27512	00902	08609	83075		
Elmdon	534	72109	75216	19912	3553/	09621	83620	87358	
Cardington	559	82315	70606	21111	4567/	10621	84630	88359	
Wittering	462	72009	82012	19611	4557/	09714	81620	84645	86360
Watnall	354	72515	75036	18211	58531	09621	81820	85650	87075
Shawbury	414	72514	80026	18413	6543/	10618	86615		
Finningley	360	72312	82026	16612	65672	10722	83635	85656	85362
Spurn Point	396	82113	70026	17011	8097/	09724	88360		
Leeming	257	82112	68022	14212	3557/	10629	83622	84360	88465
Tynemouth	262	82310	81026	12113	1737/	13729	81708	88358	
Carlisle	222	82615	40636	12014	872//	13620	81703	88705	
Valley	302	82326	60026	17615	853//	14712	82707	86708	88620
Ringway	334	81710	75216	17212	7547/	10520	81614	87617	88459
Squires Gate	318	82524	65036	15115	853//	14618	81706	87708	88615
Ronaldsway	204	82321	65036	13914	863//	13615	88707		
Mull of Galloway	131	82723	80602	12614	4741/	13607	84710	88460	
Eskdalemuir	162	82113	40586	10712	872//	11724	82704	88706	
Prestwick	135	82414	70216	11313	852//	13605	82703	85704	88630
Abbotsinch	140	72206	80026	09614	4547/	11707	81710	83714	87459
Leuchars	171	72518	75026	07213	46432	11616	83710	87070	
Dyce	091	72202	82026	05709	15478	09511	81615	83359	86464
Lerwick	005	81416	58616	03808	883//	07743	82708	84814	88620
Wick	075	72714	83256	03311	28432	10516	81818	84360	86072
Sule Skerry	010	72724	74016	02511	4857/	10507	81820	84625	87360
Cape Wrath	049	72712	66156	04111	7857/	08217	84820	85625	
Stornoway	026	82410	75035	06210	1647/	09115	81715	84359	88468
Benbecula	022	72515	80035	08712	5547/	09214	81714	85640	87460
Tiree	100	82814	65025	10012	5642/	11204	85710	88459	
Aldergrove	917	82311	50586	12915	860//	14802	83700	88702	
Malin	980	82517	80215	12513	6632/	12208	82709	85716	88459
Belmullet	976	82213	45586	13714	863//	14612	88706		
Birr	965	82210	60615	16815	864//	14713	88712		
Dublin	969	82417	65206	15814	863//	14608	83709	86714	
Shannon	962	82517	40516	17216	873//	15714	83707	88710	
Roches Point	952	82119	56505	20114	872//	14718	88705		
Valentia	953	82119	50586	19016	864//	15715	88710		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00071	03	+	+
Hurn	862	00071	05	+	+
Manston	797	00080	06	+	+
Gatwick	776	00061	02	+	+
Kew	775	00090	03	+	+
Heathrow	772	00100	07	+	+
Honington	586	97100	06	+	r.
Wattisham	590				
Gorleston	497				
Aberporth	502	92101	07	id.r.	id.
Filton	628	97101	07	+	d.d.
Rhoose	715	00120	08	+	+
Hartland Point	703	00130	11		
Mount Batten	827	00131	09	+	+
St. Mawgan	817	00111	07	+	+
Scilly	804	00131	11	+	+
Culdrose	809	00110	10	+	+
Guernsey	894	00100	03	+	+
Elmdon	534	91100	09	r.	r.r.d.r.
Cardington	559	92091	04	+	ir.
Wittering	462	97101	09	r.	+
Watnall	354	97100	09	r.	d.r.
Shawbury	414	91111	10	r.	r.r.
Finningley	360	01101	09	ir.r	ir.r
Spurn Point	396			r.r.ir.	ir.
Leeming	257	91091	08	r.	d.
Tynemouth	262	03081	08	ir.rr	rrir.
Carlisle	222	09081	08	r.r.rr.rRr	rd.d.rr.rd.r.
Valley	302	02131	12	ir.rr	r.
Ringway	334	01101	09	r.r	r.rd.r.
Squires Gate	318	01111	10	r.r	ir.rR
Ronaldsway	204	03131	11	ir.rR	+
Mull of Galloway	131	95111			
Eskdalemuir	162	19061	05	r.r.rrR	rdrd.d.r.ir.
Prestwick	135	15101	09	r.rrr.r.RR	r.r.d.r.ir.
Abbotsinch	140	10091	08	drRrr	d.r.d.r.ir.
Leuchars	171	06071	07	ir.rrr.	+
Dyce	091	09071	06	ir.rrR	+
Lerwick	005	10062	05	r.r.	r.r.rrr.r.
Wick	075	10081	07	ir.rr	pr.
Sule Skerry	010	14061	07		
Cape Wrath	049	09062	06	r.r.	rrpr.
Stornoway	026	05081	08	RRd.	+
Benbecula	022	01101	10	rdrd.d.id.	jp
Tiree	100	05111	11	RRrrd.	ir.
Aldergrove	917	02101	09	d.	d.d.drd.r.dr
Malin	980	0712	10		
Belmullet	976	0214	12		
Birr	965	0912	11		
Dublin	969	9312	11		
Shannon	962	1412	12		
Roches Point	952	9714	12		
Valentia	953	0114	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	$N_hC_LhC_MC_H$	$D_sv_s$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	10001	73511	98018	13809	54550	00213	/////	/////	05506	11196	3//05	25/09
L	99570	70201	10004	72522	98012	08011	4833/	41203	81706	83640	0//08	11216	30807	21109
M	99644	10040	10004	12821	98878	10705	19500	00615	81920	/////	0//03	10980	30403	36803
R	99469	70170	10004	82012	97022	26717	855//	00804	88630	/////	0//18	11799	30602	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$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	10061	83510	98022	14109	856//	00304	88604	/////	05306	11149	3//04	25/09
L	99569	70204	10064	72416	98258	05910	1842/	61713	81815	87463	0//08	11217	30805	20805
M	99643	10040	10064	52619	98158	07706	49530	00716	83820	81920	0//51	11017	30403	35803
R	99469	70169	10064	62012	97012	24017	65500	00813	86630	/////	0//18	11738	30602	/////

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. 42297

Date of Issue SUNDAY 11 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 10 SEPTEMBER 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	62513	82012	22517	48532	11611	81822	84625	85075
Hurn	862	72515	81032	24117	48502	11804	82825	83640	86070
Manston	797	72216	82022	21317	35738	12812	83650	84361	87275
Gatwick	776	72517	80022	22718	31542	12810	83825	86075	
Kew	775	62413	82022	22219	28542	11810	81825	86075	
Heathrow	772	72513	82022	22019	38572	11706	81826	86075	
Honington	586	72417	75016	18817	1147/	11605	81816	83360	87364
Wattisham	590								
Gorleston	497	82420	66036	18517	5557/	11603	85625	88360	
Aberporth	502	82222	60515	20315	854//	13205	85710	88620	
Filton	628	82619	68505	22516	855//	13502	85620	88640	
Rhoose	715	72719	62025	22516	754//	13500	87615		
Hartland Point	703	82627	78032	23215	854//	12501	83710	88620	
Mount Batten	827	72516	80032	24816	65501	12706	81620	86624	
St. Mawgan	817	72414	81022	24915	784//	12602	84814	87616	
Scilly	804	72516	82022	25016	755//	13802	87620		
Culdrose	809	72314	75022	25415	755//	12002	87620		
Guernsey	894	12512	83011	26816	11502	09601	81820		
Elmdon	534	82313	70026	19716	854//	12601	88614		
Cardington	559	72422	63026	20218	5547/	13605	83617	83635	87462
Wittering	462	72419	75206	18517	6547/	13302	83618	85622	87361
Watnall	354	82312	50516	18015	862//	14801	88704		
Shawbury	414	62626	84012	17318	38431	14803	82815	83362	85075
Finningley	360	72420	83252	16219	28472	14201	82816	86078	
Spurn Point	396	82514	66032	16117	7557/	13205	87625		
Leeming	257	82612	65035	14217	6855/	13002	82824	86650	88359
Tynemouth	262	82714	69026	13216	5567/	12311	85630	88358	
Carlisle	222	82906	75605	13515	884//	13310	81712	88657	
Valley	302	72227	60022	16717	6537/	15801	84706	85625	87360
Ringway	334	72212	60215	17016	774//	14203	87712		
Squires Gate	318	82419	30586	15516	872//	16203	88703		
Ronaldsway	204	82315	45582	14215	871//	14803	81702	86703	88704
Mull of Galloway	131	82605	75606	14113	855//	12204	83620	88645	
Eskdalemuir	162	82514	70586	12613	854//	08208	82715	85635	88657
Prestwick	135	82615	67606	13313	5547/	10311	81712	85650	87360
Abbotsinch	140	82612	75606	12013	5842/	10313	81715	84650	88460
Leuchars	171	82413	75616	10513	3547/	09218	82710	86360	88463
Dyce	091	82506	86022	08813	1552/	07218	81625	88458	
Lerwick	005	83004	58216	01310	852//	09303	83704	85708	88618
Wick	075	72822	83012	06013	22438	08314	82815	87270	
Sule Skerry	010	72914	58022	04513	4557/	11105	84625	87360	
Cape Wrath	049	82715	70028	05811	884//	09306	85815	88620	
Stornoway	026	72518	70256	07812	784//	10302	85816	86628	
Benbecula	022	82415	65152	09513	5847/	11002	81710	83815	86360
Tiree	100	82514	61616	11412	4842/	12002	81810	84612	88556
Aldergrove	917	82202	62216	13714	7532/	12702	82708	84713	87623
Malin	980	82711	58586	13012	6642/	12000	83710	85715	88458
Belmullet	976	82218	13516	13315	862//	15704	85704	88710	
Birr	965	82316	60506	16018	863//	16508	88709		
Dublin	969	72423	58505	14418	763//	16709	83707	86710	87715
Shannon	962	82414	65206	17317	863//	17101	82708	85711	87620
Roches Point	952	82321	58505	20016	863//	15000	88707		
Valentia	953	82219	20505	19317	862//	16001	88705		

OBSERVATIONS at 18h. 10 SEPTEMBER 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	72510	82031	21717	756//	13000	87630		
Hurn	862	42410	76011	23016	25630	12001	82645	83358	
Manston	797	62115	69012	20416	10942	13500	81362	86073	
Gatwick	776	72213	65022	21717	65531	13302	86627	84075	
Kew	775	72610	81031	21019	755//	13302	87625		
Heathrow	772	72512	80032	20719	655/2	14301	86620	85075	
Honington	586	72515	75022	18118	65532	13304	84620	83640	85363
Wattisham	590								
Gorleston	497	72413	66022	17019	7092/	13504	87460		
Aberporth	502	82321	50505	20015	872//	15602	88703		
Filton	628	82710	62035	22215	853//	14202	82708	86710	88622
Rhoose	715	72714	58215	22715	753//	14302	85708	87612	
Hartland Point	703	82628	65026	22414	874//	13603	88710		
Mount Batten	827	22514	80021	24116	18501	13604	81820		
St. Mawgan	817	72412	80031	24215	78400	12504	81814	87616	
Scilly	804	62315	70031	24116	65630	13604	86630		
Culdrose	809	72312	75022	24315	755//	12804	87620		
Guernsey	894	12910	82020	25714	00901	11605	81075		
Elmdon	534	52416	75016	18717	35431	13503	83615	84365	
Cardington	559	62515	60052	19318	45402	15301	84618	83075	
Wittering	462	72515	68012	17717	25571	14303	82620	83359	86075
Watnall	354	72317	75036	16517	754/1	15500	85710	86615	
Shawbury	414	72513	82022	18117	754//	15111	87612		
Finningley	360	72417	72032	15118	78442	15501	81816	87623	
Spurn Point	396	72417	70026	14918	4567/	14502	84630	87360	
Leeming	257	62621	75016	13219	3544/	15503	81615	83650	85360
Tynemouth	262	82707	80022	13614	7562/	12102	87630	88460	
Carlisle	222	82402	22516	13112	852//	11503	82703	86708	88617
Valley	302	72222	57022	17116	752//	15309	81705	87634	
Ringway	334	72316	75026	16418	754//	14302	83712	87618	
Squires Gate	318	82523	63016	15416	853//	16303	82708	88617	
Ronaldsway	204	72319	75036	14016	6543/	15301	82710	85628	85359
Mull of Galloway	131	82106	74026	13512	856//	12603	88630		
Eskdalemuir	162	81802	56586	13011	871//	10502	88702		
Prestwick	135	82807	28516	12811	871//	11604	83702	86703	88708
Abbotsinch	140	82803	57586	12211	851//	11302	81702	83704	86706
Leuchars	171	82312	72026	11612	3547/	10205	82710	85360	88463
Dyce	091	82308	82022	09713	4557/	07203	81620	84635	88460
Lerwick	005	72623	65028	02510	58402	09102	84814	87072	
Wick	075	72713	82258	08011	58432	09211	81818	85630	85359
Sule Skerry	010	73418	70038	06912	12562	09211	81820	84360	87075
Cape Wrath	049	82717	65616	07310	873//	10209	88706		
Stornoway	026	82612	80028	08812	6547/	11308	81712	83628	85362
Benbecula	022	82412	66606	10212	6532/	10002	83707	86635	88458
Tiree	100	82302	50586	11411	862//	11801	83703	88709	
Aldergrove	917	52410	70205	13016	55200	15501	82704	83620	85630
Malin	980	82321	56586	11515	5632/	14709	85708	88540	
Belmullet	976	82020	59105	13615	863//	15702	84706	88712	
Birr	965	72513	75016	17617	764//	14311	86714	87624	
Dublin	969	32628	80035	14719	38439	15306	82715		
Shannon	962	72510	83025	18117	754//	15006	82714	87626	
Roches Point	952	82109	58605	20215	863//	15302	86709	88715	
Valentia	953	71711	70025	19517	754//	15804	83713	87628	

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00200	075	+	+
Hurn	862	00190	088	+	+
Manston	797	00190	044	+	+
Gatwick	776	00191	085	+	+
Kew	775	00200	076	+	+
Heathrow	772	00210	070	+	+
Honington	586	97190	010	r.	+
Wattisham	590				
Gorleston	497		010		
Aberporth	502	97161	000	id.d.d.	id.
Filton	628	97161	002	id.d.d.	d.d.
Rhoose	715	91171	001	id.d.d.	id.d.r.id.
Hartland Point	703	97150	000		
Mount Batten	827	00170	089	+	+
St. Mawgan	817	00171	034	+	+
Scilly	804	00170	052	+	+
Culdrose	809	00160	020	+	+
Guernsey	894	00170	118	+	+
Elmdon	534	97181	001	d.r.	+
Cardington	559	00200	020	+	+
Wittering	462	97191	019	r.d.	+
Watnall	354	97180	003	d.r.d.d.id.	id.ir.
Shawbury	414	97200	036	+	id.
Finningley	360	97210	019	pr.	+
Spurn Point	396			ir.	+
Leeming	257	94191	007	d.-d.r.d.r.	d.r.
Tynemouth	262	92161	000	ir.	+
Carlisle	222	01161	000	ir.r.r.dr	drd.r.d.r.d.
Valley	302	00171	004	+	ff
Ringway	334	01181	000	d.r.dr	r.
Squires Gate	318	01171	000	d.ddrd.r.d.r.	d.r.d.r.
Ronaldsway	204	01181	005	d.d.dr	d.r.-r.
Mull of Galloway	131	02151			
Eskdalemuir	162	95131	000	ir.d.r.d.r.	d.r.d.r.
Prestwick	135	01131	001	ir.r.r.	d.r.d.d.
Abbotsinch	140	02152	009	ir.d.r.d.d.	d.r.d.d.
Leuchars	171	01131	000	r.r.	r.r.ir.
Dyce	091	00141	000	+	+
Lerwick	005	95121	025	r.r.pr.	+
Wick	075	91141	000	+	pr.
Sule Skerry	010	92131			
Cape Wrath	049	03122	002	pr.	ir.r.r.
Stornoway	026	01141	000	ir.pr.	pr.irr.
Benbecula	022	01131	000	jp	r.r.rr.
Tiree	100	05131	000	ir.rrdr	drd.r.
Aldergrove	917	01161	001	d.r.d.d.	d.
Malin	980	0315	000		
Belmullet	976	0316	000		
Birr	965	0118	000		
Dublin	969	9720	030		
Shannon	962	9620	011		
Roches Point	952	9718	004		
Valentia	953	9117	003		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

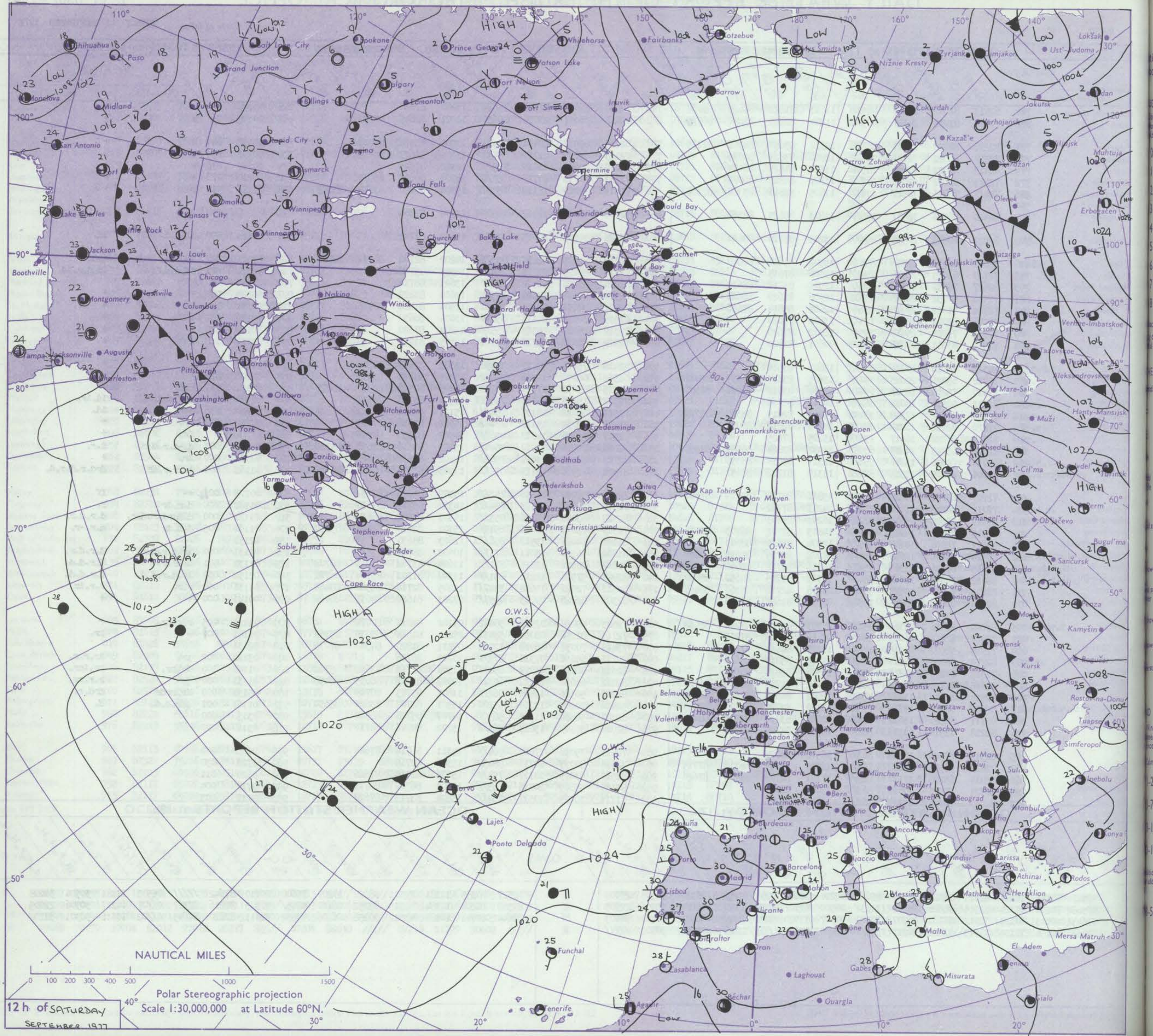
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10121	83511	98028	17009	856//	00214	88640	/////	05403	11101	30505	27009
L	99568	70206	10124	72515	98028	05911	39332	00500	81707	82912	0//07	11241	30906	22905
M	99643	10043	10124	32712	98161	06707	39500	00707	81920	82825	0//52	11011	30402	34803
R	99468	70154	10124	71913	97022	24217	755//	23400	87620	/////	0//16	11712	30702	/////

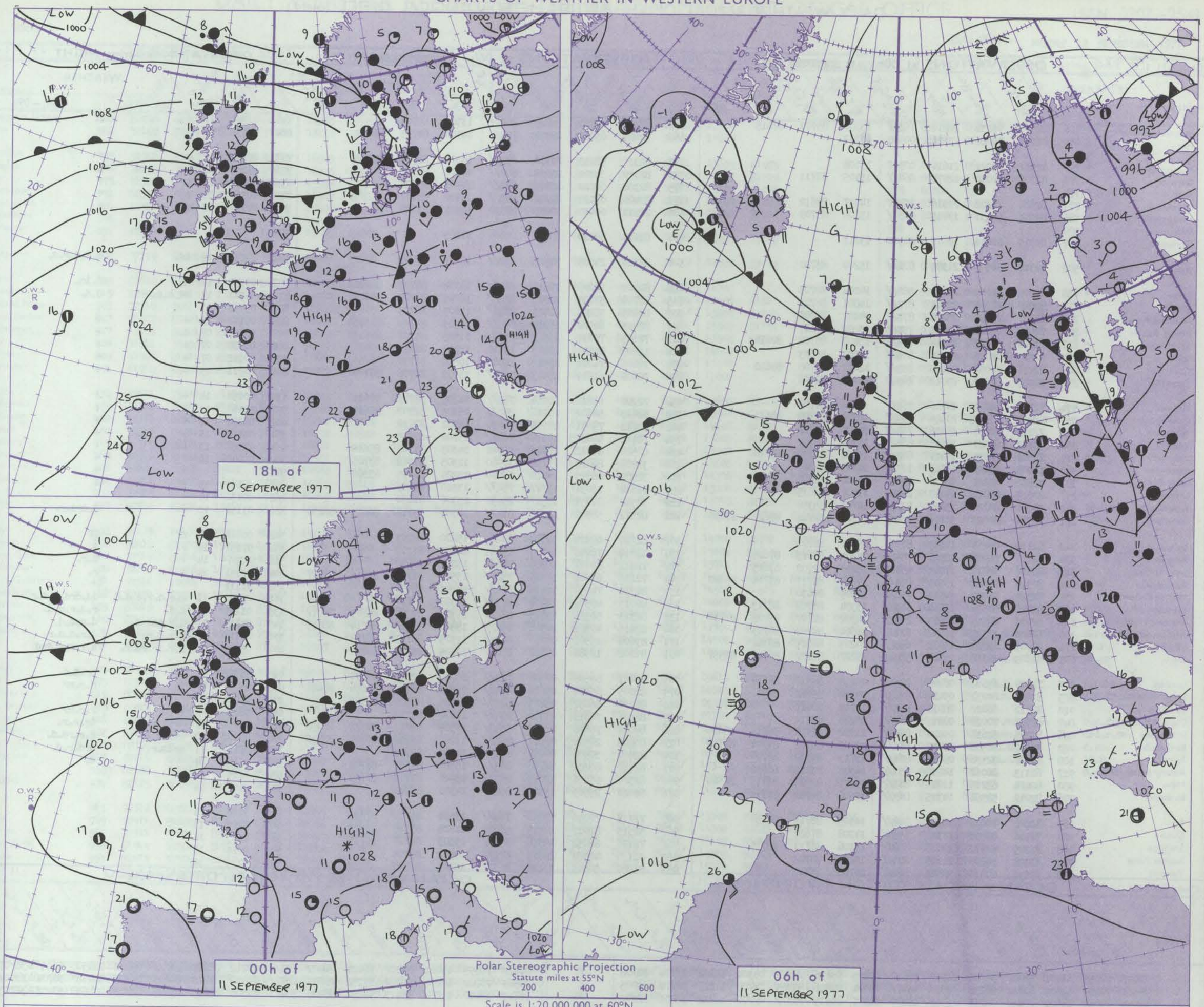
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	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	10181	73511	98022	19209	75600	00110	87642	/////	05503	11181	30504	30008
L	99569	70204	10184	72513	98252	06410	4843/	00303	84816	87367	0//07	11217	30906	21005
M	99644	10041	10184	43012	99258	06106	48532	71611	82820	84645	0//02	11018	30301	31702
R														

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **SUNDAY 11 SEPTEMBER 1977**

During the past 24 hours the depression off southwest Iceland has remained slow-moving and filled while a secondary low moved steadily east across the Shetlands into southern Scandinavia. Fronts associated with this depression moved east across northern parts of the British Isles and northern North Sea. The anticyclone over France drifted slowly southeast during the period and weakened a little. During the next 24 hours this anticyclone is expected to continue to move southeast slowly. The low over southern Norway will move steadily east and a ridge of high pressure is expected to develop between Iceland and Scotland resulting in a southward transfer of the frontal trough over the British Isles. The low off southwest Iceland will become absorbed in the circulation, a deep low moving quickly east from the Davis Strait.

Code FM 11.V

OBSERVATIONS at 00h. 11 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72505	75032	22814	753//	13304	85709	87615	
Hurn	862	02605	70020	23514	00900	13202			
Manston	797	02311	75021	21614	00900	13108			
Gatwick	776	82206	59042	22914	864//	13105	88711		
Kew	775								
Heathrow	772	82306	75022	22316	854//	14207	88612		
Honington	586	82514	68031	19715	863//	13208	88709		
Wattisham	590								
Gorleston	497	02515	60011	19016	00900	13211			
Aberporth	502	82318	30505	21315	870//	15204	88701		
Filton	628	82508	60205	22715	862//	14204	88705		
Rhoose	715	82812	57205	22415	872//	14801	88703		
Hartland Point	703	82722	74026	23214	873//	14101	88708		
Mount Batten	827	72606	75021	24515	754//	13202	87617		
St. Mawgan	817	71906	62022	24314	753//	13400	85708	87614	
Scilly	804	82211	78022	24215	855//	13000	88623		
Culdrose	809	82411	62051	24614	853//	12002	81708	88610	
Guernsey	894	22405	82020	25712	26300	11400	82708		
Elmdon	534	72310	64011	20116	763//	13206	87709		
Cardington	559	82411	60021	21116	853//	15109	82709	88611	
Wittering	462	72213	70031	19416	764//	14108	87712		
Watnall	354	82412	66021	18616	863//	15208	88707		
Shawbury	414	82509	75035	19217	863//	15302	85708	88710	
Finningley	360	12408	83021	16915	10930	14208	81365		
Spurn Point	396	12512	70021	16716	15600	14206	81630		
Leeming	257	22613	82011	14817	25402	13000	82615		
Tynemouth	262	50000	80022	13614	5097/	14707	85358		
Carlisle	222	72514	70025	14116	754//	14309	82712	83620	87638
Valley	302	82119	06464	19315	860//	15212	88700		
Ringway	334	72112	75022	18516	754//	14305	83615	87645	
Squires Gate	318	42516	58011	17515	45100	15210	82702	83625	
Ronaldsway	204	82313	70022	16515	854//	14209	81711	83714	85620
Mull of Galloway	131	72324	84022	14514	756//	14805	87630		
Eskdalemuir	162	82212	50516	13014	873//	13304	83708	88713	
Prestwick	135	82416	40515	12315	853//	14302	82707	85708	87710
Abbotsinch	140	80000	17536	11312	871//	11604	84702	88703	
Leuchars	171	82905	65022	11911	6557/	10203	86625	88362	
Dyce	091	81603	86216	11011	5552/	09207	82622	84645	88557
Lerwick	005	72809	65602	06309	784//	09218	84818	86630	
Wick	075	81804	80032	09410	5563/	09210	85642	88360	
Sule Skerry	010	82712	66022	08911	855//	10214	88625		
Cape Wrath	049	82706	70028	08811	864//	09208	88710		
Stornoway	026	82208	62616	09111	854//	11002	82710	86618	88624
Benbecula	022	81602	50586	09610	861//	10705	83702	85704	88710
Tiree	100	81907	32536	09013	861//	13713	83702	88709	
Aldergrove	917	62113	80012	14216	654//	14306	83712	86632	
Malin	980	82424	68215	12015	863//	15211	82708	86715	86640
Belmullet	976	82019	58586	14315	863//	15006	86708	87715	
Birr	965	82608	70026	18517	864//	14305	86711	88630	
Dublin	969	72416	82031	17317	755//	14208	87620		
Shannon	962	82205	82032	19116	864//	15106	86711	88715	
Roches Point	952	83108	30205	21115	861//	15206	88702		
Valentia	953	82112	60515	20315	864//	15205	88710		

OBSERVATIONS at 06h. 11 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	82306	61022	22814	862//	13500	88704		
Hurn	862	72603	65031	23514	754//	14400	84715	86640	
Manston	797	62311	58011	21714	6524/	14301	82704	85640	
Gatwick	776	82309	35102	23014	861//	14302	88702		
Kew	775	82308	65022	22616	863//	14400	88708		
Heathrow	772	82406	65022	22216	863//	14500	88707		
Honington	586	22311	60021	20215	25330	14501	81708		
Wattisham	590								
Gorleston	497	02409	60010	20316	00900	14208			
Aberporth	502	82310	25585	21615	870//	15304	88701		
Filton	628	82509	58205	22615	872//	14302	86703	88706	
Rhoose	715	82710	57205	22515	852//	15201	85703	88612	
Hartland Point	703	82615	58205	22413	872//	13605	88703		
Mount Batten	827	82405	62022	23914	853//	12503	85709	88615	
St. Mawgan	817	72105	70015	23513	753//	11505	85707	87612	
Scilly	804	11809	81021	22813	15400	11709	81615		
Culdrose	809	12005	70021	23512	15400	10606	81710		
Guernsey	894	70000	62011	25413	763//	13302	82706	86707	
Elmdon	534	72207	63012	20816	753//	14203	83708	87613	
Cardington	559	82413	50102	21216	853//	15303	82709	88617	
Wittering	462	32412	75031	19915	36430	14302	83710		
Watnall	354	72412	66022	19116	762//	15702	87705		
Shawbury	414	62510	81012	20016	55341	14303	81709	85618	
Finningley	360	31806	86020	17714	30940	12303	81362	83365	
Spurn Point	396	32509	66011	17416	15670	13204	81635	83360	
Leeming	257	72614	78031	15717	754//	13310	87616		
Tynemouth	262	32512	81031	13517	25630	15306	81630		
Carlisle	222	82512	58502	14516	854//	14304	83710	86615	88630
Valley	302	82224	09424	19315	860//	15400	88701		
Ringway	334	12212	70016	18715	15441	14603	81712		
Squires Gate	318	72412	80021	18316	756//	15304	87630		
Ronaldsway	204	72216	64602	16515	752//	13500	81704	87712	87617
Mull of Galloway	131	82330	74038	14414	856//	14302	88630		
Eskdalemuir	162	82015	40506	13414	873//	14302	88706		
Prestwick	135	82315	50586	13115	872//	15306	81704	86709	88712
Abbotsinch	140	82416	40506	10916	854//	15500	82710	86714	88635
Leuchars	171	83606	25506	09711	872//	11505	85705	88709	
Dyce	091	81202	18586	09810	870//	10805	85700	88704	
Lerwick	005	70101	84508	07508	753//	08206	82708	87630	
Wick	075	82005	65616	09010	4542/	09000	81715	84656	88460
Sule Skerry	010	80000	66032	08411	5257/	11705	82820	88360	
Cape Wrath	049	82306	70618	08310	874//	10804	88710		
Stornoway	026	80000	70616	08810	5542/	10506	81711	84622	88458
Benbecula	022	80805	24516	07911	861//	11707	83702	86704	88710
Tiree	100	82420	30506	09014	861//	14302	88702		
Aldergrove	917	82110	80202	14716	863//	15301	83707	88708	
Malin	980	82324	65216	12015	863//	15400	83708	87716	
Belmullet	976	82020	25505	13815	862//	14301	88704		
Birr	965	72112	70036	18016	764//	13504	85714	87632	
Dublin	969	52313	82012	17515	56400	14304	83715	83625	
Shannon	962	72107	86032	18816	764//	15303	86710	85715	
Roches Point	952	82110	40584	20315	872//	15502	88704		
Valentia	953	81909	50515	19415	863//	15301	88708		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00140	11	+	jf
Hurn	862	00131	11	+	+
Manston	797	00130	12	+	+
Gatwick	776	97141	13	+	d.
Kew	775	00150	15	+	+
Heathrow	772	00150	15	+	+
Honington	586	00150	13	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	91151	15	id.	d.d.d.r.d.
Filton	628	97150	14	d.	d.id.
Rhoose	715	94141	14	id.d.d.	d.d.
Hartland Point	703	95131	13		
Mount Batten	827	00140	13	+	+
St. Mawgan	817	97121	09	d.	+
Scilly	804	00120	07	+	+
Culdrose	809	00111	07	+	+
Guernsey	894	00111	05	+	+
Elmdon	534	00150	14	+	+
Cardington	559	00150	12	+	+
Wittering	462	00151	13	+	+
Watnall	354	00160	15	+	+
Shawbury	414	97150	13	id.	+
Finningley	360	00140	11	+	+
Spurn Point	396			+	+
Leeming	257	00160	15	+	+
Tynemouth	262	00130	11	+	+
Carlisle	222	01151	12	+	d.drd.r.
Valley	302	00141	14	ff	ff
Ringway	334	97151	14	r.	+
Squires Gate	318	97151	14	+	d.r.
Ronaldsway	204	92151	14	+	r.
Mull of Galloway	131	91111			
Eskdalemuir	162	03121	11	d.r.d.r.d.d.d	id.drd.r.d.r.
Prestwick	135	01121	12	d.d.	r.d.r.d.d.
Abbotsinch	140	04112	11	d.r.ddd.d.	d.r.d.d.
Leuchars	171	01111	10	r.r.d.r.	d.r.d.d.r.
Dyce	091	05101	09	r.r.ir.rd.r.	d.r.d.r.drd
Lerwick	005	96082	07	ir.	pr.d.d.
Wick	075	03091	07	ir.	r.r.rr
Sule Skerry	010	97091	09		
Cape Wrath	049	08092	09	pr.rr	r.r.rr
Stornoway	026	02091	09	ir.r.r.	ir.r.r.
Benbecula	022	05101	10	rrd.d.r.	d.r.rd.d.
Tiree	100	07111	11	drdd.r.	drd.r.d.
Aldergrove	917	91151	14	+	d.
Malin	980	0215	14		
Belmullet	976	0115	14		
Birr	965	9716	14		
Dublin	969	0015	13		
Shannon	962	0015	14		
Roches Point	952	9214	15		
Valentia	953	9715	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_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	11001	53310	98031	22709	55600	00215	85636	/////	05304	11082	3//04	30/08
L	99569	70204	11004	82610	98258	07910	4847/	00004	82816	88365	0//08	11217	30904	21905
M	99643	10042	11004	23410	98018	06906	29400	00307	81915	/////	0//02	11012	30201	99/02
R														

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	11061	83202	98021	24409	856//	00212	88634	/////	05502	11150	3////	30/07
L	99569	70202	11064	62720	97252	09709	6847/	00218	84815	84625	0//07	11218	30704	22904
M	99643	10040	11064	53413	98251	08406	59401	71308	82915	83645	0//02	10994	30402	36703
R														

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. 42298

Date of Issue MONDAY 12 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 11 SEPTEMBER 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	82008	68022	23216	863//	14803	85707	88708	
Hurn	862	32107	72011	24017	31400	13002	83815		
Manston	797	51906	67012	22821	58430	16803	81815	85640	
Gatwick	776	72208	75025	23418	764//	16803	87711		
Kew	775	72307	75022	23019	764//	15805	87714		
Heathrow	772	62307	80012	22520	654//	16807	86614		
Honington	586	22314	82011	20821	21500	15606	82820		
Wattisham	590								
Gorleston	497	42718	66021	20322	45500	13005	84627		
Aberporth	502	72114	65026	21717	753//	15607	83706	87625	
Filton	628	82610	65035	23016	863//	14802	82708	85709	88710
Rhoose	715	82706	35515	23215	871//	15000	81702	85703	88706
Hartland Point	703	32710	74011	23514	25540	11000	82625		
Mount Batten	827	22207	82021	24017	25400	13001	82618		
St. Mawgan	817	12106	84021	23317	18400	13802	81814		
Scilly	804	31711	75030	23018	31500	14801	83820		
Culdrose	809	31907	81011	23516	38400	13801	81812		
Guernsey	894	61710	65031	24616	66300	14802	86606		
Elmdon	534	72411	75032	21319	754//	14000	84616	87620	
Cardington	559	52310	65012	21721	55500	18806	85625		
Wittering	462	42316	82031	20620	31530	14002	83820		
Watnall	354	32513	84031	19522	31541	16202	83822		
Shawbury	414	72309	82501	20318	75442	16101	82710	86612	
Finningley	360	52514	82031	18024	32641	14801	83832	83365	
Spurn Point	396	42409	72021	18421	32570	14500	83825		
Leeming	257	62514	80031	16819	35432	14212	83615	86075	
Tynemouth	262	72515	81021	14919	6563/	16009	86630		
Carlisle	222	82614	65026	15517	853//	15108	81708	83710	86618
Valley	302	82123	25104	20015	860//	15001	88701		
Ringway	334	32416	84030	19021	18542	14804	81820		
Squires Gate	318	72516	80016	19018	46232	16203	84704	87072	
Ronaldsway	204	72218	65016	17717	754//	14000	81712	87620	
Mull of Galloway	131	72316	70016	16117	58508	15207	82825	84630	85275
Eskdalemuir	162	72324	75216	14116	724//	15207	84712	85818	
Prestwick	135	82419	62206	14317	854//	15105	81714	87616	88625
Abbotsinch	140	82417	56516	12017	854//	16110	82710	86615	88620
Leuchars	171	72326	70026	09519	754//	15001	82614	86616	
Dyce	091	81306	05516	08712	870//	12709	88700		
Lerwick	005	71406	85025	08610	7827/	09400	83705	85628	
Wick	075	81810	75606	07511	5542/	10717	82710	84635	88460
Sule Skerry	010	80000	66606	07911	4552/	10708	84625	88460	
Cape Wrath	049	80903	60606	06711	6842/	10716	82810	86620	88460
Stornoway	026	80907	40636	05711	3522/	11721	82705	83612	88520
Benbecula	022	82217	28516	05414	860//	14819	86701	88703	
Tiree	100	82326	40506	09115	861//	15701	85702	88704	
Aldergrove	917	72214	80025	15517	753//	15003	81709	85713	87616
Malin	980	82430	70206	12317	864//	15801	83710	88715	
Belmullet	976	82125	60505	15216	862//	15201	87705	88709	
Birr	965	72312	82012	18520	764/2	15805	87717	85070	
Dublin	969	72511	84022	17919	684/2	15801	82716	84820	
Shannon	962	72311	86032	18820	784//	16707	81715	87645	
Roches Point	952	81914	62504	21215	863//	15000	88705		
Valentia	953	82013	57506	20417	863//	16001	88709		

OBSERVATIONS at 18h. 11 SEPTEMBER 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	02110	80021	21416	00900	12505			
Hurn	862	02305	70010	22316	00900	13605			
Manston	797	11912	75021	20915	00901	13609	81075		
Gatwick	776	12109	80031	21716	11500	13507	81820		
Kew	775	12109	80021	21319	00901	12507	81075		
Heathrow	772	12006	80021	20920	00901	12508	81075		
Honington	586	22211	75010	18921	28601	16610	81830		
Wattisham	590								
Gorleston	497	52306	60031	18822	52500	15705	85825		
Aberporth	502	72109	70032	21114	754//	12603	83710	87615	
Filton	628	02607	76011	21117	00900	14707			
Rhoose	715	12908	75035	21615	18430	12606	81817		
Hartland Point	703	62907	78031	22215	4154/	13805	84820	83360	
Mount Batten	827	22204	70030	22415	10881	13508	81357		
St. Mawgan	817	13105	75010	22515	16480	13502	81710		
Scilly	804	01203	60020	21616	00900	14609			
Culdrose	809	01405	65050	22416	00900	13506			
Guernsey	894	01502	64021	22718	00900	11606			
Elmdon	534	52310	66012	19619	48440	14605	82816		
Cardington	559	12408	66011	20518	15600	15501	81635		
Wittering	462	12312	63010	18919	14602	15607	81830		
Watnall	354	12412	82011	18419	18501	15605	81820		
Shawbury	414	82504	70506	19017	854//	15807	84710	88613	
Finningley	360	52310	82032	17020	44602	15603	82832		
Spurn Point	396	32512	66011	16920	38571	14706	81825	83645	
Leeming	257	62312	75012	15718	65442	15808	84615	83656	
Tynemouth	262	72512	80022	13419	6567/	15710	86630		
Carlisle	222	72418	75022	12617	754//	14720	81712	84628	87640
Valley	302	82228	50102	18315	861//	14709	86702	88703	
Ringway	334	72115	72021	18118	754//	15606	82613	86640	
Squires Gate	318	52418	75012	17016	38331	15714	82707		
Ronaldsway	204	72513	60212	16215	682/2	14607	83705	86640	87075
Mull of Galloway	131	72424	83022	13915	4853/	14504	81825	83630	85360
Eskdalemuir	162	62125	60216	11715	684//	14609	84710	84640	
Prestwick	135	82921	66216	12714	852//	13308	81705	84710	85622
Abbotsinch	140	82816	60616	11314	6832/	12306	82708	83620	85645
Leuchars	171	72322	82616	07616	754//	14507	85618	87650	
Dyce	091	72620	70255	05216	68542	12304	83823	85640	85075
Lerwick	005	80611	58616	04809	871//	09619	83702	88705	
Wick	075	73417	50596	03511	672/2	10305	82703	86706	87070
Sule Skerry	010	83409	74806	06410	2252/	09307	82820	88460	
Cape Wrath	049	82706	65026	07009	864//	07332	88710		
Stornoway	026	63012	60216	09210	653//	08234	81706	84620	
Benbecula	022	52820	82025	12112	58400	09241	84817		
Tiree	100	73020	70026	13611	48408	09238	83814	87275	
Aldergrove	917	83015	50616	15816	852//	15315	83703	88618	
Malin	980	82918	65616	16112	6632/	08238	83709	86716	87458
Belmullet	976	83009	62506	19412	863//	11230	84709	88716	
Birr	965	72517	81012	19117	784//	15309	83716	84820	86636
Dublin	969	72617	84258	17119	785/2	14302	83823	86635	
Shannon	962	72614	82012	19816	56302	15109	83706	83645	
Roches Point	952	81907	56106	21015	863//	14503	88708		
Valentia	953	82207	20505	21315	860//	15210	88701		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00210	052	+	+
Hurn	862	00191	063	+	+
Manston	797	00210	069	+	+
Gatwick	776	00191	039	+	+
Kew	775	00200	038	+	+
Heathrow	772	00210	043	+	+
Honington	586	00230	102	+	+
Wattisham	590				
Gorleston	497		104		
Aberporth	502	00181	022	+	+
Filton	628	97180	040	id.	+
Rhoose	715	97180	050	id.d.d.	+
Hartland Point	703	00150	060		
Mount Batten	827	00170	096	+	+
St. Mawgan	817	00180	109	+	+
Scilly	804	00180	114	+	+
Culdrose	809	00171	099	+	F
Guernsey	894	00190	084	+	+
Elmdon	534	00220	023	+	+
Cardington	559	00230	070	+	+
Wittering	462	00220	096	+	+
Watnall	354	00230	093	+	+
Shawbury	414	97200	033	d.	r.d.
Finningley	360	00250	092	+	+
Spurn Point	396			+	+
Leeming	257	00200	017	+	+
Tynemouth	262	91201	028	+	ir.
Carlisle	222	01191	005	id.	r.Rr.
Valley	302	00171	007	f	+
Ringway	334	00211	062	+	+
Squires Gate	318	00181	038	+	+
Ronaldsway	204	93181	024	+	r.-r
Mull of Galloway	131	02171			
Eskdalemuir	162	02171	008	d.r.d.r.	r.r
Prestwick	135	03181	001	d.	d.r.drDRr.
Abbotsinch	140	02171	003	d.d.r.ir.dr	d.r.d.r.r.r.
Leuchars	171	92201	051	r.	ir.r.
Dyce	091	01201	017	drd.d.ff	pr.pr
Lerwick	005	16102	000	d.d.	r.r.rr
Wick	075	06132	000	r.r.rr	r.r.ir.drdrpr
Sule Skerry	010	10131			
Cape Wrath	049	10142	000	ir.rrffr.r.	r.r.ffpr.
Stornoway	026	09111	001	r.rr.dr	drd.r.pr.
Benbecula	022	01141	015	rd.d.	d.pr.
Tiree	100	91151	001	id.d.d.	id.r.
Aldergrove	917	02191	010	d.	d.r.rRr.pr.
Malin	980	0318	002		
Belmullet	976	9716	000		
Birr	965	0021	045		
Dublin	969	9722	046		
Shannon	962	0021	023		
Roches Point	952	9716	000		
Valentia	953	9318	001		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

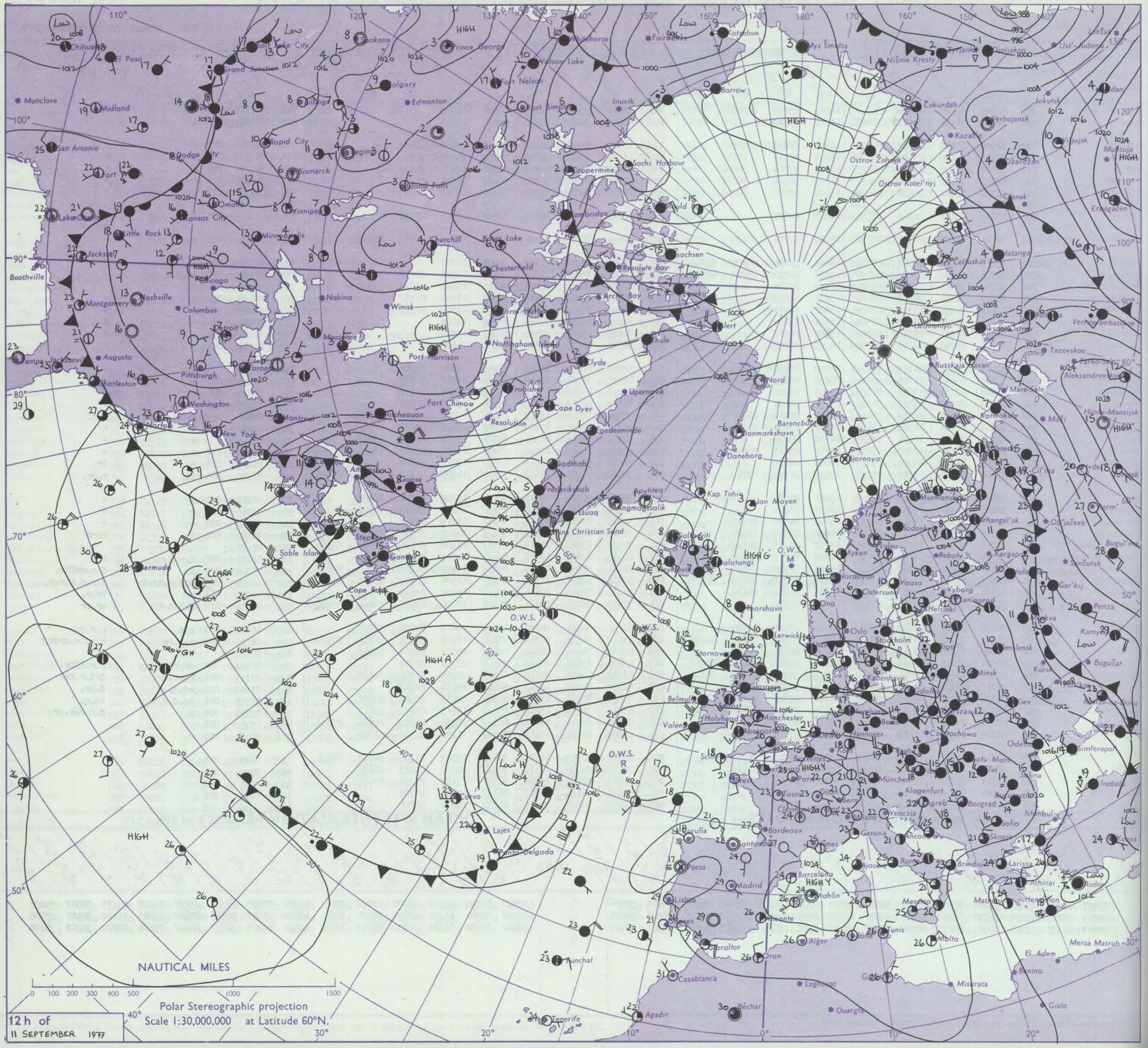
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	11121	72006	98032	25209	38502	00101	/////	/////	05404	11188	30201	33006
	99569	70205	11124	72730	98258	15009	6343/	00328	83912	/////	0//07	11226	30806	24905
	99643	10039	11124	50311	99038	10506	59460	00210	85815	81915	0//03	11039	30301	36703

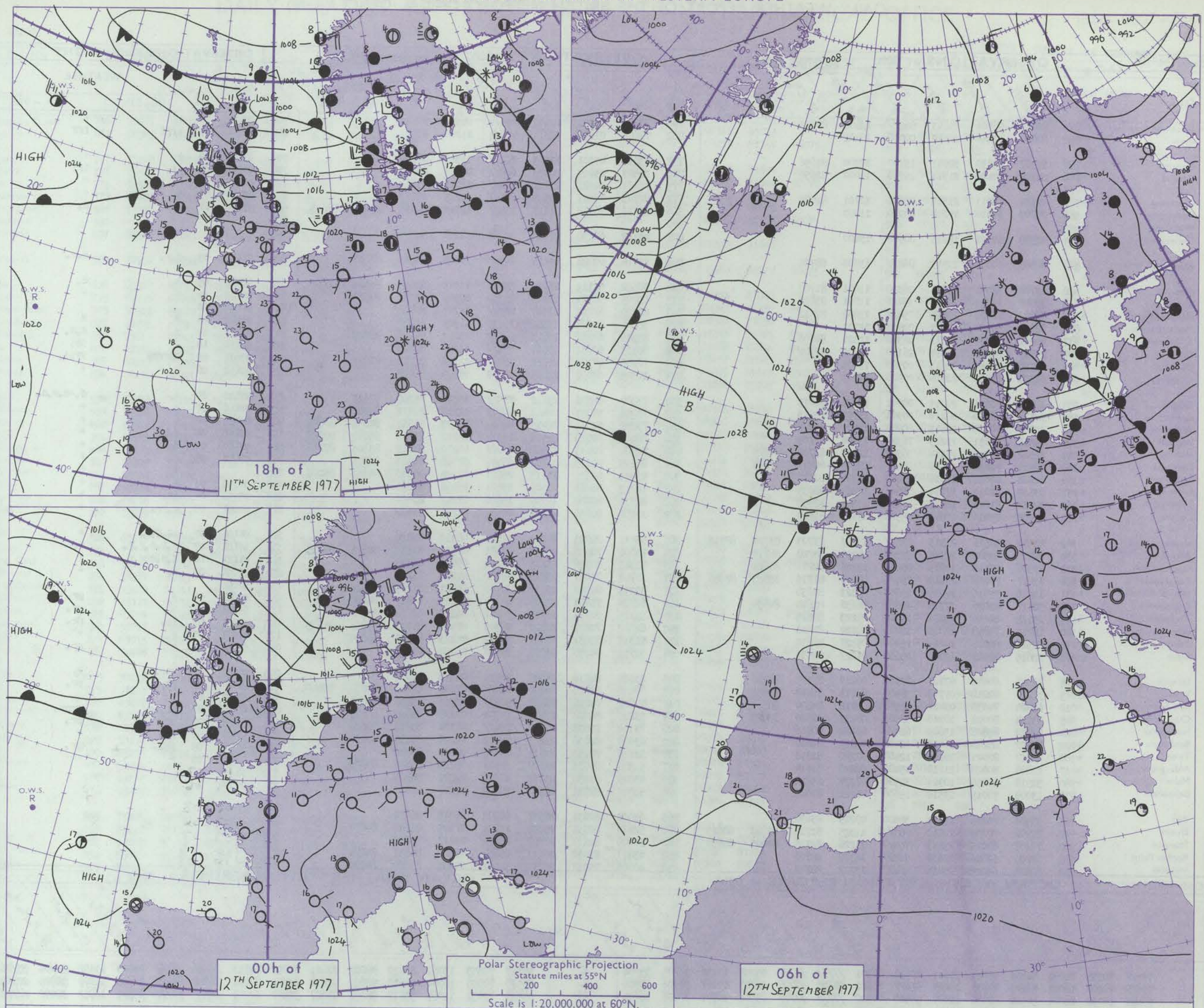
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	11181	61908	99031	24411	00902	00603	/////	/////	05107	11193	30302	33006
	99569	70204	11184	42922	98031	20611	48400	61327	82818	83640	0//05	11190	30907	23906
	99647	10034	11184	30310	99028	11007	22560	72203	/////	/////	05501	10971	30201	36604

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 12 SEPTEMBER 1977

During the past 24 hours, an anticyclone over north France has moved slowly east. A low developed on a frontal trough to the west of Scotland, deepened and moved east across north Scotland to south Norway. The associated front moved south into central areas of England and Wales. During the next 24 hours, a weak trough will clear southern England. An anticyclone in mid-Atlantic will intensify and move east to become centred over Ireland.

Code FM 11.V

OBSERVATIONS at 00h. 12 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	82807	58101	21813	862//	12802	88703		
Hurn	862	00000	03460	22510	00900	10102			
Manston	797	12307	64010	20911	15700	10500	81656		
Gatwick	776	22105	50100	21911	25700	11000	82650		
Kew	775								
Heathrow	772	22104	58011	21513	00901	12701	82075		
Honington	586	02609	62010	19214	00900	11400			
Wattisham	590								
Gorleston	497	02510	64021	18616	00900	13400			
Aberporth	502	82308	60031	21913	862//	13500	88704		
Filton	628	12708	58051	21813	16300	11001	81709		
Rhoose	715	33005	72011	22012	35400	11001	83614		
Hartland Point	703	72809	72031	22814	754//	13802	87612		
Mount Batten	827	02902	50100	22812	00900	12101			
St. Mawgan	817	40502	50284	22812	46300	12801	84706		
Scilly	804	20707	50284	22414	26100	14102	82702		
Culdrose	809	00705	01464	22611	00900	11003			
Guernsey	894	01304	65020	22416	00900	11805			
Elmdon	534	12310	70011	20013	00901	11804	81075		
Cardington	559	22514	56050	20114	00901	13803	82075		
Wittering	462	22508	70020	19613	00901	11501	82075		
Watnall	354	72312	62031	19215	763//	13304	87709		
Shawbury	414	52522	75015	19314	36342	12502	83708	84075	
Finningley	360	72411	70031	17516	784//	13305	84817	87645	
Spurn Point	396	22416	66021	17016	25600	13501	82630		
Leeming	257	83114	82012	17714	856//	10325	88635		
Tynemouth	262	32914	81026	16513	30930	11335	83358		
Carlisle	222	22908	75016	17811	25500	08126	81620		
Valley	302	83514	30516	21313	872//	13317	81703	83704	88712
Ringway	334	82409	50502	18915	873//	14209	83708	88710	
Squires Gate	318	83316	57616	19913	854//	12228	84711	88624	
Ronaldsway	204	73017	70016	20412	754//	08226	81715	83625	87656
Mull of Galloway	131	13216	75016	19911	15600	09323	81630		
Eskdalemuir	162	52817	82026	17709	45602	06236	81640	84656	
Prestwick	135	23112	80016	18411	25500	09223	82625		
Abbotsinch	140	12711	75018	17010	12400	08229	81816		
Leuchars	171	12517	80016	14211	15640	05127	81630		
Dyce	091	22615	82018	12010	25600	05227	82630		
Lerwick	005	80314	60616	07707	7732/	06219	87707	88520	
Wick	075	32718	82018	09708	38400	08213	81818	83635	
Sule Skerry	010	62924	74038	09411	4256/	08212	84820	86360	
Cape Wrath	049	33214	80018	10210	38500	08213	81820	83625	
Stornoway	026	62914	65808	13609	624//	09324	86816		
Benbecula	022	12922	80258	16411	12400	08222	81818		
Tiree	100	12917	82021	18111	12400	07220	81818		
Aldergrove	917	12808	80028	21210	15400	08220	81614		
Malin	980	32919	80256	20911	38500	07224	83820		
Belmullet	976	13009	78015	23510	15600	07221	81640		
Birr	965	33504	70016	23111	35600	09219	83630		
Dublin	969	82906	70206	22012	863//	11325	81706	85710	88625
Shannon	962	70107	80015	23813	754//	11226	82716	84625	85650
Roches Point	952	82205	62026	22614	863//	14308	88706		
Valentia	953	80207	65026	23414	864//	13212	88712		

OBSERVATIONS at 06h. 12 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	73305	58101	22910	654/2	09315	86612		
Hurn	862	72603	01464	22811	760/1	11209	87701		
Manston	797	73010	45101	21913	763//	13318	87709		
Gatwick	776	62501	05414	22908	664//	08315	86710		
Kew	775	72401	40101	23012	764//	11314	87712		
Heathrow	772	82703	45101	22512	854//	11213	88613		
Honington	586	72811	56015	21113	754//	12219	81616	83630	87645
Wattisham	590								
Gorleston	497	43112	66030	20914	45600	12226	84630		
Aberporth	502	73614	80026	24213	784//	10218	84813	87630	
Filton	628	60502	59111	23011	35631	11313	83645	83368	86080
Rhoose	715	63005	56101	22813	55332	12309	83706	84620	
Hartland Point	703	80000	64021	23514	863//	14207	88708		
Mount Batten	827	30704	68024	23312	15639	11308	81630		
St. Mawgan	817	83505	68031	23613	863//	13207	86706	88708	
Scilly	804	80113	60031	23614	854//	13209	88618		
Culdrose	809	70205	40104	23612	754//	11212	81710	87615	
Guernsey	894	10305	68030	22615	00902	08304	81075		
Elmdon	534	73307	58506	23112	753//	10325	85709	87615	
Cardington	559	73006	59051	22413	16472	12218	81712	85362	
Wittering	462	73012	82011	22413	48412	08223	81818	84635	86075
Watnall	354	72406	80015	22610	11432	08222	81812	85070	86078
Shawbury	414	72904	80015	23510	28472	09220	81812	83365	87070
Finningley	360	62908	82035	21511	18542	07319	81820	86075	
Spurn Point	396	53011	80021	21113	25671	07224	82630	84360	85075
Leeming	257	12913	86021	21509	15601	05218	81630		
Tynemouth	262	22912	80020	19909	15630	07217	81630		
Carlisle	222	32708	81030	21209	15531	06220	81624		
Valley	302	53411	82025	24711	31531	08319	83825		
Ringway	334	73006	70026	23311	48401	09318	81815	84625	86075
Squires Gate	318	73311	82036	23213	654/2	09221	86618		
Ronaldsway	204	12709	75021	23810	18402	07220	81714		
Mull of Galloway	131	33215	81030	23110	38500	08221	81825	83630	
Eskdalemuir	162	62814	75801	21209	684/2	06222	83817	84630	
Prestwick	135	53115	80038	21711	58431	06222	81818	83640	
Abbotsinch	140	62512	70801	20510	58440	07324	81712	83818	85625
Leuchars	171	52315	83031	18109	28542	05223	81825	84070	
Dyce	091	32713	84030	15909	28530	05224	81820		
Lerwick	005	23510	80016	14805	19431	03342	81912		
Wick	075	70110	82028	16009	784//	07242	83818	83630	85640
Sule Skerry	010	53608	74036	16809	58500	07242	83820	85625	
Cape Wrath	049	53210	80808	16410	58501	08237	82820	85625	
Stornoway	026	73110	75808	19010	784//	08334	83816	85628	
Benbecula	022	63020	82038	21211	68402	09226	84816	83630	
Tiree	100	53119	70158	21611	48402	08321	84816		
Aldergrove	917	52506	80031	24309	35501	07217	83626	83075	
Malin	980	43019	81258	23812	48500	09221	84820		
Belmullet	976	33010	78031	26510	28402	07217	81718		
Birr	965	63003	80031	26507	00902	05315	86070		
Dublin	969	52610	82031	25708	15601	07325	81648	84070	
Shannon	962	50000	82111	27009	45602	09217	83635		
Roches Point	952	43411	81031	26111	15604	09220	81637	84074	
Valentia	953	40305	75031	26711	32502	09321	83820	84070	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00100	05	+	+
Hurn	862	00081	05	1fff	fff
Manston	797	97110	09	+	+
Gatwick	776	00081	04	1f	1ff
Kew	775	00090	03	+	+
Heathrow	772	00110	07	+	+
Honington	586	97120	11	+	d.
Wattisham	590				
Gorleston	497				
Aberporth	502	91111	09	d.r.	d.r.
Filton	628	97110	05	+	d.
Rhoose	715	00120	09	+	+
Hartland Point	703	91141	10		
Mount Batten	827	00110	06	F	F
St. Mawgan	817	97101	05	f	d.d.
Scilly	804	97131	10	+	1d.
Culdrose	809	97081	07	FFfFF	FF1d.
Guernsey	894	00130	06	+	+
Elmdon	534	97100	07	+	d.-d.r.d.
Cardington	559	00110	07	+	+
Wittering	462	00120	10	+	+
Watnall	354	97100	09	d.1d.	+
Shawbury	414	97100	05	d.d.	+
Finningley	360	97110	06	d.	+
Spurn Point	396			+	+
Leeming	257	00080	05	+	+
Tynemouth	262	95090	06	1r.	+
Carlisle	222	94091	05	r.rr.	+
Valley	302	01101	07	1d.d.d.	+
Ringway	334	97101	07	r.d.d.r.r.	r.
Squires Gate	318	01121	10	d.r.drr.r.	+
Ronaldsway	204	97091	05	d.	+
Mull of Galloway	131	92091			
Eskdalemuir	162	97081	02	+	pr.
Prestwick	135	97101	08	+	pr.
Abbotsinch	140	91091	07	pr.	pr.
Leuchars	171	00071	05	+	+
Dyce	091	97081	05	+	pr.
Lerwick	005	07051	03	rrr.r.	+
Wick	075	02081	06	pr	pr.
Sule Skerry	010	03071	07		
Cape Wrath	049	02092	07	pr.pr	prpr.
Stornoway	026	01091	06	pr.	pr.
Benbecula	022	97101	09	pr.	+
Tiree	100	97101	09	pr.	pr.
Aldergrove	917	00081	05	+	+
Malin	980	96 11	07		
Belmullet	976	97 09	06		
Birr	965	96 06	03		
Dublin	969	94 07	06		
Shannon	962	97 09	07		
Roches Point	952	97 10	08		
Valentia	953	92 10	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12001	51812	98011	24611	20932	00801	/////	/////	05108	11152	3//05	33/06
L	99570	70209	12004	82815	98031	25809	856//	00222	88630	/////	0//03	11167	30906	23908
M	99651	10030	12004	50109	98031	12007	55500	00202	/////	/////	05501	10951	30201	36604
R														

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12061	81810	98022	21811	8095/	00713	/////	/////	05108	11192	3//04	33/06
L	99570	70206	12064	52610	98012	27410	48472	00308	82816	84625	0//05	11209	30804	22903
M	99650	10031	12064	53617	98031	14107	58500	00314	/////	/////	05501	10952	30402	/////
R														

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. 42299

Date of Issue TUESDAY 13 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 12 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70107	80022	25215	754//	10211	82615	87620	
Hurn	862	80309	59054	25316	854//	13210	83715	88618	
Manston	797	70108	68021	24417	48472	11313	82816	84645	87070
Gatwick	776	73507	60024	24617	58582	10211	81822	84626	86075
Kew	775	53506	80012	25417	35701	07210	83656	83075	
Heathrow	772	63407	75012	25117	15632	08214	81640	85075	
Honington	586	73312	83022	24316	11632	05211	81830	87075	
Wattisham	590								
Gorleston	497	63314	66021	24215	11601	06213	81830	86075	
Aberporth	502	70110	84032	27713	685/2	09214	86822	86075	
Filton	628	63508	80015	26216	28431	10210	81818	84075	
Rhoose	715	70505	69015	26215	784/1	11115	81817	87626	
Hartland Point	703	50315	84022	26714	15531	09113	81625	85075	
Mount Batten	827	80208	82031	25318	854//	13107	81715	88625	
St. Mawgan	817	73615	82025	26516	48442	11213	81812	84614	
Scilly	804	80216	60025	26715	854//	13211	88610		
Culdrose	809	80213	70035	26316	884//	14212	82710	87620	
Guernsey	894	60111	62021	24516	31302	14209	82707	85075	
Elmdon	534	53312	75015	26115	21602	06212	82834	84075	
Cardington	559	70206	81022	25217	11532	09107	81825	87078	
Wittering	462	53312	81022	25216	14602	05110	81632	85075	
Watnall	354	43109	81011	25416	31601	08109	83830		
Shawbury	414	63013	81022	26116	48688	08107	82830	83640	85075
Finningley	360	73312	83022	24716	21601	05312	82838	86080	
Spurn Point	396	43008	80021	24416	31501	07217	83825	84075	
Leeming	257	53216	86031	24716	41601	05115	84840		
Tynemouth	262	43216	81020	24215	42600	07218	84830		
Carlisle	222	63209	83011	25115	625/1	08217	86827		
Valley	302	63215	82022	28214	32502	09214	83822	85075	
Ringway	334	73115	81032	26115	42532	07212	84822	86075	
Squires Gate	318	53113	81012	26515	32501	09214	83825	83075	
Ronaldsway	204	53217	81011	26714	22501	08113	82822	84080	
Mull of Galloway	131	33420	81011	26714	32500	10217	83825		
Eskdalemuir	162	33112	84018	24714	32500	06319	83822		
Prestwick	135	23014	83021	26315	18501	09225	81828		
Abbotsinch	140	53013	84038	25214	58500	07123	85824		
Leuchars	171	63015	86021	23714	686//	07228	82830	85640	
Dyce	091	73408	75158	23911	784//	07243	81710	83818	86625
Lerwick	005	30112	82258	22709	38400	05237	83815		
Wick	075	33512	84021	24411	38500	05238	83820		
Sule Skerry	010	43407	82011	25113	42500	05233	84820		
Cape Wrath	049	43603	82018	25111	38530	06232	81820	83625	
Stornoway	026	60907	82038	25912	684//	09230	83818	85626	
Benbecula	022	33114	82031	27013	32400	11226	83818		
Tiree	100	43216	75031	27413	48400	09228	83816		
Aldergrove	917	43211	84011	27615	38501	08113	83828		
Malin	980	43217	82011	28213	28502	09119	82822	84070	
Belmullet	976	43209	74021	30415	48502	10221	83820		
Birr	965	73408	82031	29615	525/2	08212	85822	84070	
Dublin	969	63112	81032	28615	425/2	09212	84822	86070	
Shannon	962	53607	86031	30515	51502	07214	85822		
Roches Point	952	53408	82021	29515	28502	06209	81820	84072	
Valentia	953	50509	84021	30415	15602	09217	81630	85070	

OBSERVATIONS at 18h. 12 SEPTEMBER 197

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	50108	70021	27315	00902	07316	85073		
Hurn	862	60108	81021	27016	10931	08213	81364	86075	
Manston	797	70507	80031	27014	15572	09319	81620	86072	
Gatwick	776	70401	68021	26917	10932	07318	81362	87078	
Kew	775	53505	80021	27517	00902	05318	85075		
Heathrow	772	53407	70021	27017	00902	07316	85075		
Honington	586	30307	80011	27413	10932	06320	81362	83075	
Wattisham	590								
Gorleston	497	23512	66011	27814	15601	08222	81630		
Aberporth	502	63616	81021	29513	11502	09209	81822	86075	
Filton	628	70309	84032	28315	11631	08314	81840	87075	
Rhoose	715	60606	81032	28115	28601	08313	81832	86075	
Hartland Point	703	50317	89012	28514	12631	09312	81830	85075	
Mount Batten	827	60113	81031	27517	28575	10316	81825	85075	
St. Mawgan	817	50114	86021	28314	18432	11208	81816	84075	
Scilly	804	50117	81031	28814	28502	10207	81823	85080	
Culdrose	809	33614	80021	28214	18532	08309	81820	83072	
Guernsey	894	70212	59056	26315	16338	13314	81708	85275	
Elmdon	534	23309	68011	28814	14601	08316	81638		
Cardington	559	53506	68031	27716	35602	08316	83645	84078	
Wittering	462	40510	68031	28214	38630	08322	82840		
Watnall	354	53106	70031	28315	54600	08318	85640		
Shawbury	414	33407	80031	29313	34601	09216	81835	83645	
Finningley	360	63506	75021	27816	64600	06320	82840	85650	
Spurn Point	396	50311	75031	28214	35570	08221	83625	85360	
Leeming	257	40410	86011	28714	44600	06328	81840	84645	
Tynemouth	262	40117	81020	29312	45600	09232	84640		
Carlisle	222	33403	84011	28215	38540	08218	81825	83640	
Valley	302	23510	82011	30614	12532	09210	81820		
Ringway	334	43009	72031	28914	48501	09217	81828	84645	
Squires Gate	318	23313	80021	29314	14502	11219	81825		
Ronaldsway	204	13512	82011	30313	18501	09219	81822		
Mull of Galloway	131	23519	81020	30013	11502	10221	81825		
Eskdalemuir	162	50408	84031	29012	58500	08322	83825	84640	
Prestwick	135	23217	84020	29513	28540	09217	81828		
Abbotsinch	140	12908	89021	28914	18600	08219	81830		
Leuchars	171	71310	86038	29512	7853/	08227	82825	86630	
Dyce	091	13503	84011	29011	15641	06224	81645		
Lerwick	005	23107	86018	27608	28400	05221	81818		
Wick	075	13305	84021	29009	14601	06220	81630		
Sule Skerry	010	10000	82020	28912	11501	06213	81820		
Cape Wrath	049	22702	83020	28511	21501	06212	82825		
Stornoway	026	63008	82022	29212	684//	09214	82818	86630	
Benbecula	022	43010	82038	30512	48460	10216	83819		
Tiree	100	13212	80020	30612	11400	09216	81814		
Aldergrove	917	23608	82011	30913	28501	08214	81822		
Malin	980	23211	81011	31212	28500	09212	82822		
Belmullet	976	23304	82011	32413	28500	08209	81821		
Birr	965	33307	83021	31515	32500	08213	83822		
Dublin	969	30308	84021	30515	38502	07212	82828		
Shannon	962	13404	84011	31915	14600	07212	81635		
Roches Point	952	33309	82011	31416	24602	08210	82632		
Valentia	953	03607	84011	31714	00900	09208			

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	040 +		+
Hurn	862	00181	032 +		+
Manston	797	00180	057 +		+
Gatwick	776	00190	070 +		+
Kew	775	00190	078 +		+
Heathrow	772	00190	076 +		+
Honington	586	00170	088 +		+
Wattisham	590				
Gorleston	497		093		
Aberporth	502	00141	080 +		+
Filton	628	00180	062 +		+
Rhoose	715	97190	061 d.		+
Mount Batten	703	00150	073		
St. Mawgan	827	00200	037 +		+
Scilly	817	97160	059 d.d.		+
Culdrose	804	00160	037 +		+
Guernsey	809	97170	055 id.		+
Elmdon	894	97170	078 +		ir.
Cardington	534	00160	092 +		+
Wittering	559	00180	081 +		+
Watnall	462	00180	084 +		+
Shawbury	354	00170	086 +		+
Finningley	414	00170	089 +		+
Spurn Point	360	00180	092 +		+
Leeming	396		+		+
Tynemouth	257	00180	092 +		+
Carlisle	262	00161	085 +		+
	222	00171	077 +		+
Valley	302	00151	102 +		+
Ringway	334	00161	091 +		+
Squires Gate	318	00161	099 +		+
Ronaldsway	204	00160	107 +		+
Mull of Galloway	131	00150			
Eskdalemuir	162	00151	071 +		+
Prestwick	135	00161	098 +		+
Abbotsinch	140	00161	095 +		+
Leuchars	171	97160	064 pr.		pr.
Dyce	091	91131	064 pr.		+
Lerwick	005	91121	104 pr.		pr.
Wick	075	00131	098 +		+
Sule Skerry	010	00131			
Cape Wrath	049	97121	077 pr.		+
Stornoway	026	00131	043 jp		+
Benbecula	022	97140	081 pr.		+
Tiree	100	00141	108 +		+
Aldergrove	917	00161	106 +		+
Malin	980	0014	089		
Belmullet	976	0016	086		
Birr	965	9716	094		
Dublin	969	9717	095		
Shannon	962	9717	092		
Roches Point	952	0017	099		
Valentia	953	0016	101		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

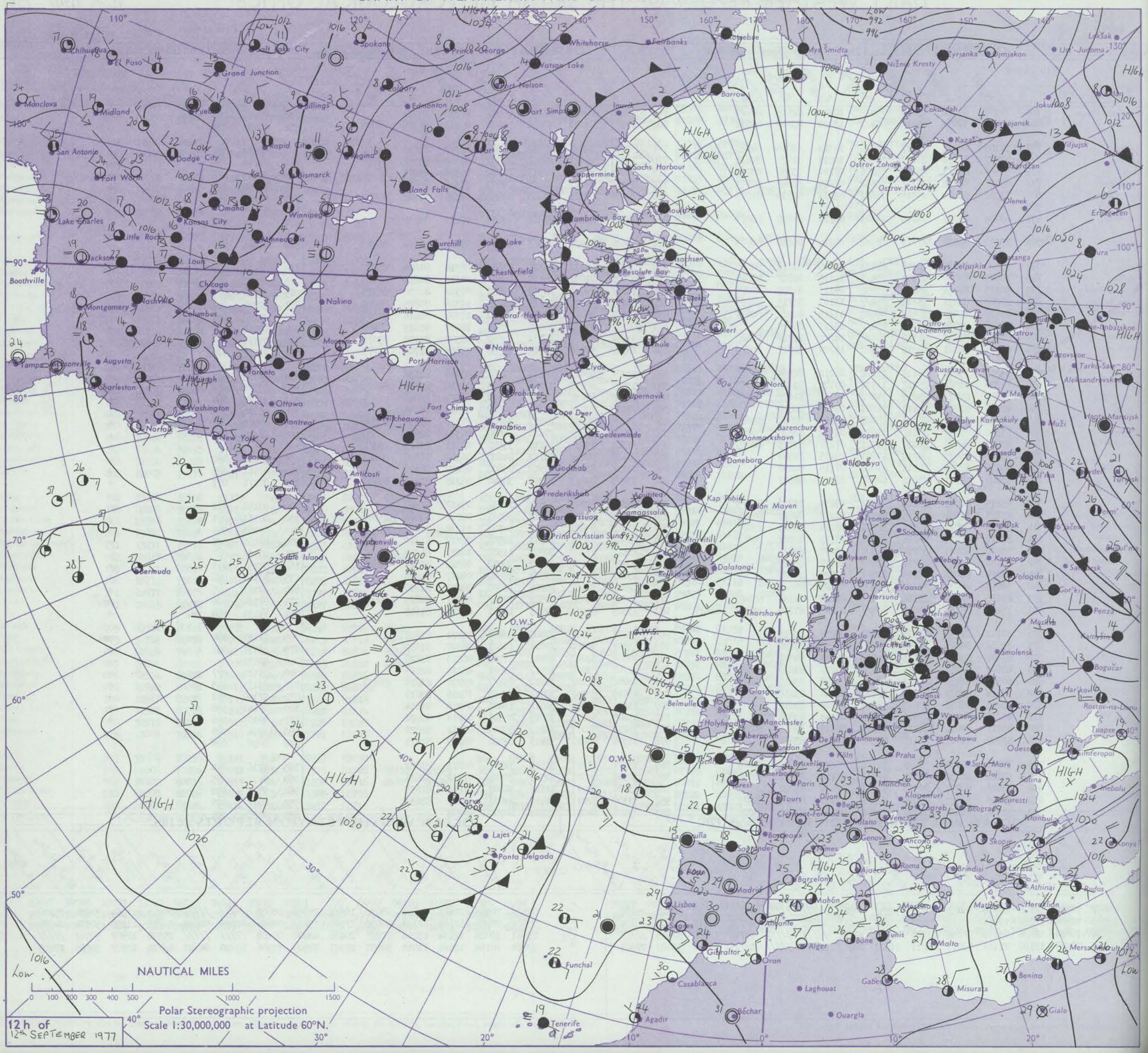
O.W.S.		99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C		99527	70355	12121	81710	98028	20211	3555/	00801	/////	/////	05110	11129	30403	25206
L		99570	70206	12124	72116	98022	29411	5563/	00011	85630	87359	0//05	11215	30806	28904
M		99656	10024	12124	63115	97258	17906	49560	72222	/////	/////	05701	10960	30503	/////
R		99461	70148	12124	21112	98011	28017	21501	00213	82820	/////	0//15	11768	30000	27803

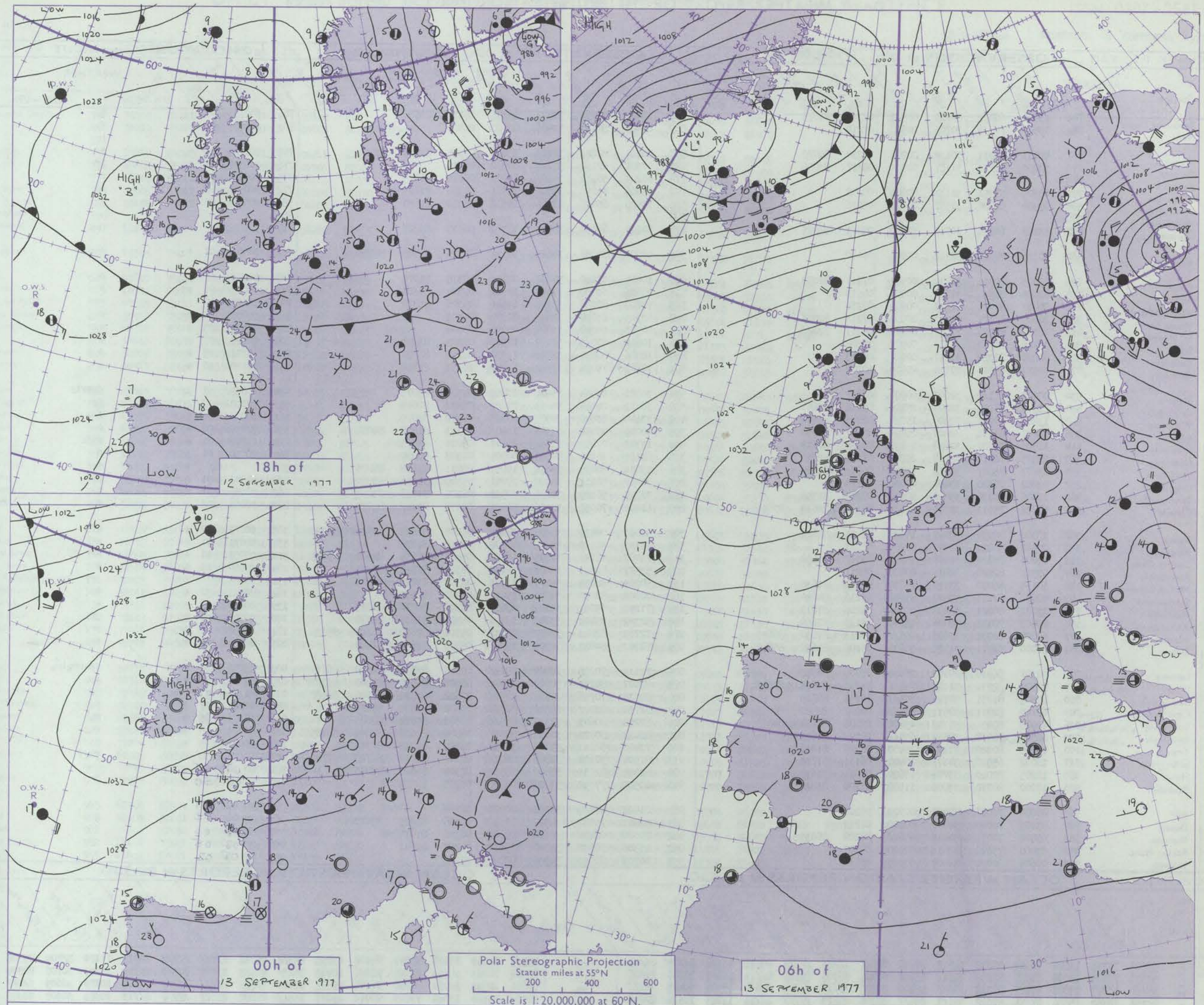
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.		99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C		99527	70355	12181	71811	98032	16012	25650	00620	/////	/////	00211	11164	30504	25206
L		99571	70204	12184	82118	98032	27511	5541/	00606	82715	84622	0//08	11203	30704	24804
M		99661	10020	12184	63216	97028	20406	68400	00208	/////	/////	05550	10907	30503	/////
R		99464	70154	12184	71014	98031	28317	78509	72306	85820	84640	0//14	11787	30501	27803

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 13 SEPTEMBER 1977

During the past 24 hours a depression over North Denmark moved away rather quickly eastwards and a large anticyclone intensified as it moved steadily eastwards into Ireland. During the next 24 hours the anticyclone is expected to move slowly southeastwards to the English Channel whilst frontal troughs move eastwards to the north of Scotland.

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

Code FM 11.V

OBSERVATIONS at 00h. 13 SEPTEMBER 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	13406	66011	30909	00901	07112	81075		
Hurn	862	03504	70021	30709	00900	07214			
Manston	797	40111	75031	30112	00902	09210	84072		
Gatwick	776	30000	58111	31107	00901	06217	83080		
Kew	775								
Heathrow	772	03305	57051	31112	00900	08218			
Honington	586	03306	65020	31507	00900	05216			
Wattisham	590								
Gorleston	497	33108	66030	30910	31500	08213	83825		
Aberporth	502	00111	84021	32912	00900	09110			
Filton	628	10305	80011	31710	00901	07111	81075		
Rhoose	715	00405	81021	31709	00900	06113			
Hartland Point	703	00412	89021	31513	00900	09214			
Mount Batten	827	20609	80021	30913	00901	07212	82075		
St. Mawgan	817	20708	80021	31611	00901	09211	82075		
Scilly	804	00416	81011	31313	00900	10208			
Culdrose	809	00209	80020	31211	00900	09213			
Guernsey	894	00311	65011	29114	00900	10212			
Elmdon	534	00000	57110	32607	00900	06217			
Cardington	559	23202	57101	32005	25700	05116	82650		
Wittering	462	13202	59041	32208	15700	06215	81650		
Watnall	354	23401	63011	32809	25700	06217	82650		
Shawbury	414	11502	70020	32608	15400	08218	81613		
Finningley	360	23505	72011	32809	25700	07119	82650		
Spurn Point	396	13607	75021	31912	10940	08212	81360		
Leeming	257	02402	75020	33407	00900	06115			
Tynemouth	262	12806	69030	33509	10930	08215	81358		
Carlisle	222	60802	75011	32709	656//	08118	82630	85640	
Valley	302	10000	80030	33709	15500	08215	81620		
Ringway	334	00502	58020	32909	00900	08217			
Squires Gate	318	11006	70020	32807	15700	06117	81650		
Ronaldsway	204	03511	82020	32811	00900	09211			
Mull of Galloway	131	10114	86020	33110	15600	09214	81630		
Eskdalemuir	162	40000	81011	33407	45600	05216	84640		
Prestwick	135	13102	80021	33208	15440	08215	81613		
Abbotsinch	140	22402	70011	32606	25700	05115	82650		
Leuchars	171	60000	82031	32606	656//	05213	81630	86650	
Dyce	091	50000	82011	31905	55600	05108	81630	85640	
Lerwick	005	22307	86010	29107	21400	05004	82818		
Wick	075	71902	82031	31108	755//	04208	83626	87645	
Sule Skerry	010	82505	81031	30311	855//	10204	88625		
Cape Wrath	049	62710	82011	30511	685//	09207	82820	86625	
Stornoway	026	42408	80031	31109	45400	09006	81714	84630	
Benbecula	022	62506	80018	32511	655//	09108	86621		
Tiree	100	12805	80020	33109	18400	08210	81816		
Aldergrove	917	11002	65020	34107	16400	06111	81715		
Malin	980	12205	82020	33709	15600	07011	81635		
Belmullet	976	10000	80010	33906	11500	05104	81820		
Birr	965	00000	70020	34407	00900	05207			
Dublin	969	03103	80020	34010	00900	07212			
Shannon	962	63402	70011	34410	656//	08109	86635		
Roches Point	952	03406	75020	33811	00900	08107			
Valentia	953	00604	80020	34007	00900	06110			

OBSERVATIONS at 06h. 13 SEPTEMBER 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	13402	58010	33807	15701	06317	81650		
Hurn	862	03402	30110	33506	00900	05306			
Manston	797	33611	80021	32213	32401	09315	81710	83814	
Gatwick	776	00301	62114	33705	00900	05316			
Kew	775	10204	56100	34107	15500	07212	81625		
Heathrow	772	13606	45050	33608	15501	07316	81625		
Honington	586	13506	65020	33806	15502	05214	81620		
Wattisham	590								
Gorleston	497	30214	66020	33513	31500	06215	83825		
Aberporth	502	40000	84030	34610	10931	08310	81365	84075	
Filton	628	10604	57110	34307	00902	07315	81075		
Rhoose	715	20606	61030	33809	10931	07314	81360		
Hartland Point	703	10708	80030	33111	11501	09306	81820		
Mount Batten	827	00303	63050	32609	00900	07308			
St. Mawgan	817	00503	65020	32808	00900	07304			
Scilly	804	10614	80030	32113	12502	09205	81820		
Culdrose	809	10306	80030	32708	11500	06206	81820		
Guernsey	894	10609	75020	31412	11400	10314	81810		
Elmdon	534	30000	05414	35204	00902	04314	83075		
Cardington	559	30402	04464	34403	25631	03312	82645		
Wittering	462	33105	56040	34507	00904	06212	83075		
Watnall	354	40000	40100	35306	11401	05313	81810	84080	
Shawbury	414	12302	01444	35006	00901	06214	81075		
Finningley	360	63102	38101	34806	00901	06308	86080		
Spurn Point	396	43405	80030	34010	15641	08211	81630	84075	
Leeming	257	30000	58110	35004	15701	03309	81656	83080	
Tynemouth	262	32305	56100	34606	10931	06204	81358	83075	
Carlisle	222	61402	70031	34106	20932	05310	82362	85072	
Valley	302	50000	04411	34407	38402	07205	81818	83640	85075
Ringway	334	42102	58110	34707	00902	06210	84075		
Squires Gate	318	71007	58101	34205	15752	05207	81656	84360	85072
Ronaldsway	204	53507	82011	34407	12442	06311	81713	85075	
Mull of Galloway	131	50205	82031	34409	12535	08307	81825	85075	
Eskdalemuir	162	40000	80030	34901	35602	01207	83635		
Prestwick	135	71202	65031	34105	68431	05308	86714	86075	
Abbotsinch	140	52302	35401	33705	18431	05308	81815	85078	
Leuchars	171	72702	62041	33007	45642	05304	82630	84645	85075
Dyce	091	70102	84021	32305	1577/	05303	81650	87460	
Lerwick	005	72114	70255	28009	7827/	09505	82704	84810	86619
Wick	075	82407	84212	30609	4557/	08500	81625	84640	85360
Sule Skerry	010	82514	70256	29611	4857/	09602	81820	84625	88460
Cape Wrath	049	82710	82022	29510	885//	09602	83820	88625	
Stornoway	026	82208	80601	30310	855//	09803	85625	88645	
Benbecula	022	82412	80022	31611	4557/	08804	82620	84645	88465
Tiree	100	72406	80011	33009	3843/	06305	81818	87365	
Aldergrove	917	81504	30104	34807	860//	07207	82700	84703	87706
Malin	980	62005	82031	33809	28532	07304	81820	83075	
Belmullet	976	10503	77030	33906	00902	05205	81070		
Birr	965	01403	05464	35103	00900	02302			
Dublin	969	52803	75031	34807	11532	06306	81825	85070	
Shannon	962	10000	02464	35106	00901	06306	81075		
Roches Point	952	13306	70030	35009	15601	07307	81642		
Valentia	953	00703	80020	34306	00900	05206			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	00 +		+
Hurn	862	00050	01 +		+
Manston	797	00120	09 +		+
Gatwick	776	00030	51 +		if
Kew	775	00040	52 +		+
Heathrow	772	00080	02 +		+
Honington	586	00050	02 +		+
Wattisham	590				
Gorleston	497				
Aberporth	502	00061	01 +		+
Filton	628	00070	01 +		+
Rhoose	715	00070	02 +		+
Hartland Point	703	00110	09		
Mount Batten	827	00080	03 +		+
St. Mawgan	817	00080	03 +		+
Scilly	804	00121	09 +		+
Culdrose	809	97071	05 +		+
Guernsey	894	00120	10 +		+
Elmdon	534	00030	51 iff		ffFFif
Cardington	559	00020	52 ff		ff
Wittering	462	00070	04 +		+
Watnall	354	97050	00 +		+
Shawbury	414	00040	51 +		FFff
Finningley	360	00050	01 +		+
Spurn Point	396		+		+
Leeming	257	00040	51 +		if
Tynemouth	262	00050	04 +		+
Carlisle	222	00061	02 +		+
Valley	302	00071	02 +		if
Ringway	334	00071	01 +		+
Squires Gate	318	00051	01 +		+
Ronaldsway	204	00060	02 +		+
Mull of Galloway	131	00081			
Eskdalemuir	162	00011	52 +		+
Prestwick	135	00050	01 +		+
Abbotsinch	140	00041	50 +		if
Leuchars	171	00050	01 +		+
Dyce	091	00031	51 +		+
Lerwick	005	93051	01 +		id.pr.ir.
Wick	075	92061	05 +		ir.
Sule Skerry	010	9108/	08		
Cape Wrath	049	00091	07 +		+
Stornoway	026	97071	05 +		r.
Benbecula	022	91101	08 pr.		+
Tiree	100	00081	05 +		+
Aldergrove	917	92051	51 +		f-ff
Malin	980	9707	05		
Belmullet	976	9704	50		
Birr	965	9702	01		
Dublin	969	9706	02		
Shannon	962	9706	04		
Roches Point	952	9708	05		
Valentia	953	9705	02		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13001	71912	97032	14512	70950	00807	/////	/////	00212	11178	3//05	25/06
L	99570	70203	13004	81720	97602	24411	6732/	00823	85708	84713	0//11	11205	30707	23806
M	99660	10017	13004	42415	97011	20806	48400	00802	/////	/////	05650	10900	30403	/////
R	99466	70160	13004	81018	97022	30117	855//	00104	88623	/////	0//14	11783	30502	27803

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13061	82011	94104	11913	855//	00712	/////	/////	00313	11170	3//04	25/06
L	99569	70202	13064	72124	98216	20413	3623/	41613	83704	87360	0//13	11201	30706	26804
M	99661	10022	13064	81930	97616	15807	4742/	00731	/////	/////	05206	10989	30605	/////
R	99469	70166	13064	71219	97022	29217	755//	00808	87623	/////	0//13	11803	30603	27803

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. 42300

Date of Issue WEDNESDAY 14 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 13 SEPTEMBER 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	30708	82010	35016	11602	07102	81835		
Hurn	862	30214	75010	34817	11501	07003	81825	83075	
	871								
Manston	797	10212	84020	34916	11602	06211	81835		
Gatwick	776	40608	75011	35216	22632	07203	82832		
Kew	775	10305	80011	35616	11602	06103	81835		
Heathrow	772	20308	75011	35416	11602	08004	81830		
Honington	586	10104	84011	35515	11601	04104	81840		
Wattisham	590								
Gorleston	497	10208	66011	35913	11500	06109	81825		
Aberporth	502	10305	75021	35714	11501	11102	81825		
Filton	628	40607	75031	36015	31501	10102	83823		
Rhoose	715	10707	65011	35616	11601	07104	81830		
Hartland Point	703	40605	64011	35416	42500	10210	84820		
Mount Batten	827	50912	75031	35017	18501	08107	81828	84075	
St. Mawgan	817	41312	70011	34617	22532	09105	82825	84075	
Scilly	804	30612	80030	34316	12502	12107	81820	83080	
Culdrose	809	50709	58051	34715	51401	12308	85816		
Guernsey	894	30513	82020	33515	21501	10207	82820		
Elmdon	534	22303	70034	36216	11601	06003	81830		
Cardington	559	30104	80024	36016	21601	08101	82830		
Wittering	462	13303	75011	36115	11601	04001	81830		
Watnall	354	21802	82031	36017	12601	09804	81830		
Shawbury	414	31805	68044	36016	11401	10001	81818	83075	
Finningley	360	32102	75031	35816	12602	07805	81835	83080	
Spurn Point	396	10000	80021	36115	11501	04604	81825		
Leeming	257	52309	70021	34816	58502	08808	84825	83640	85075
Tynemouth	262	42005	69020	35015	23630	10604	82930	84360	
Carlisle	222	52808	80031	34415	42402	09804	81717	84826	
Valley	302	22507	82014	36016	12501	10001	81823		
Ringway	334	12008	62011	35615	11601	08702	81835		
Squires Gate	318	22508	70011	35716	22501	11301	82820		
Ronaldsway	204	32809	86031	35615	12402	09103	81814	83075	
Mull of Galloway	131	52408	80031	35515	12582	10102	81825	84072	
Eskdalemuir	162	52012	80031	34015	42502	08500	84827	85075	
Prestwick	135	72511	82032	35013	28470	09002	81810	87365	
Abbotsinch	140	72608	82022	33815	48571	08705	83828	83640	86362
Leuchars	171	72411	80031	32613	1857/	08808	81820	83360	87364
Dyce	091	72203	84022	31213	15778	08810	81656	87362	
Lerwick	005	82218	65036	26611	7533/	09711	86707	87656	
Wick	075	82314	83026	29212	1157/	07714	81820	86359	88462
Sule Skerry	010	82518	80022	27912	4851/	09712	81820	84625	88460
Cape Wrath	049	82720	66606	27311	874//	07719	88715		
Stornoway	026	82216	80026	28712	5557/	09617	81620	84630	88464
Benbecula	022	82120	80026	30313	2547/	10713	82619	86362	88465
Tiree	100	72216	81022	32413	38536	09807	83822	87272	
Aldergrove	917	62008	80034	34714	21431	08805	82818	86075	
Malin	980	72113	83022	33814	48502	08804	84822	86070	
Belmullet	976	72312	80031	34215	584/2	11000	81718	83820	
Birr	965	62205	82034	35215	32502	08803	83822	85070	
Dublin	969	52409	80031	35616	42502	08201	84823		
Shannon	962	41603	82034	35517	12502	10501	81826	84070	
Roches Point	952	11104	75021	36015	18502	12203	81820		
Valentia	953	11808	89021	35318	11601	10104	81830		

OBSERVATIONS at 18h. 13 SEPTEMBER 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	20804	75020	34614	15601	04001	81640		
Hurn	862	10602	70020	34716	00901	08101	81075		
	871								
Manston	797	20606	86011	34813	00902	07101	82075		
Gatwick	776	11204	70020	34815	00901	06301	81080		
Kew	775	10105	68020	34815	00901	05400	81075		
Heathrow	772	23605	70010	34417	00901	05603	82075		
Honington	586	40702	80021	34516	00901	03603	84080		
Wattisham	590								
Gorleston	497	40404	66020	35413	00901	05702	84075		
Aberporth	502	13603	80011	35413	00901	11502	81075		
Filton	628	50102	75031	35016	15602	10601	81640	85075	
Rhoose	715	61005	81031	34815	10934	09603	81360	86075	
Hartland Point	703	63502	74031	34916	22531	12502	82820	86075	
Mount Batten	827	31005	81031	34717	15631	09301	81635	83078	
St. Mawgan	817	73405	60051	35115	684/1	13204	81710	85628	
Scilly	804	20807	75030	34615	00902	11303	82080		
Culdrose	809	10505	81021	34715	18501	09501	81820		
Guernsey	894	10614	82020	33314	11402	09500	81818		
Elmdon	534	51904	64031	34915	15702	08604	81650	85075	
Cardington	559	20802	65030	34915	00901	09604	82075		
Wittering	462	21802	62040	34615	00901	06605	82075		
Watnall	354	22605	80020	34816	14601	08504	81640		
Shawbury	414	52403	75011	34516	35702	10503	83650	85075	
Finningley	360	32506	68030	34316	25602	07501	82640		
Spurn Point	396	31511	80020	34214	11541	09606	81825	83075	
Leeming	257	72505	75022	34214	00901	08304	87078		
Tynemouth	262	82810	69021	33315	22608	10604	82830	88275	
Carlisle	222	82606	84032	33613	15777	09802	81650	83365	88270
Valley	302	72004	84031	35414	11638	09603	81835	85268	86075
Ringway	334	63008	68031	34715	15734	11301	81650	86075	
Squires Gate	318	72706	81031	35114	10936	09500	81364	87272	
Ronaldsway	204	72107	82021	34613	00906	09603	87280		
Mull of Galloway	131	72415	84022	33713	25611	10805	82630	85460	87070
Eskdalemuir	162	72007	80022	32912	48672	08504	81830	84650	85366
Prestwick	135	72511	80022	33213	15632	07710	81635	84365	87075
Abbotsinch	140	72507	82022	32313	1867/	08807	81830	84359	87364
Leuchars	171	82315	82602	30513	3857/	07808	81825	83650	86360
Dyce	091	82307	80606	28213	5567/	07712	81630	85650	88458
Lerwick	005	82025	50636	20009	872//	09840	82704	86706	88712
Wick	075	72116	75606	24211	3557/	09733	81625	83645	85359
Sule Skerry	010	82338	57616	21511	874//	10735	88710		
Cape Wrath	049	82730	57636	21410	873//	10725	88709		
Stornoway	026	82218	56586	25012	853//	12713	85707	88614	
Benbecula	022	82222	50506	27612	852//	12713	86705	88614	
Tiree	100	82317	80012	30813	7557/	10711	87627	88460	
Aldergrove	917	72106	83032	33414	11542	10805	81825	84360	87075
Malin	980	72616	83022	32814	18578	11707	81822	85460	87272
Belmullet	976	72214	80032	33914	48502	10702	84820	85070	
Birr	965	62302	82022	34316	00902	09704	86070		
Dublin	969	62504	81031	34017	11672	09602	81830	85462	85070
Shannon	962	43108	84011	34716	15732	09502	81650	84075	
Roches Point	952	71805	75021	35414	18531	11703	81820	86075	
Valentia	953	11907	89020	35116	11601	12502	81830		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00170	109	+	+
Hurn	862	00180	107	+	+
Manston	797	00160	108	+	+
Gatwick	776	00170	105	+	+
Kew	775	00180	103	+	+
Heathrow	772	00180	096	+	+
Honington	586	00170	111	+	+
Wattisham	590				
Gorleston	497		102		
Aberporth	502	00150	108	+	+
Filton	628	00170	093	+	+
Rhoose	715	00170	103	+	+
Hartland Point	703	00170	106		
Mount Batten	827	00180	107	+	+
St. Mawgan	817	00180	087	+	+
Scilly	804	00170	116	+	+
Culdrose	809	00170	112	+	+
Guernsey	894	00160	115	+	+
Elmdon	534	00180	086	+	+
Cardington	559	00180	098	+	+
Wittering	462	00170	104	+	+
Watnall	354	00180	095	+	+
Shawbury	414	00180	081	ff	+
Finningley	360	00190	092	+	+
Spurn Point	396			+	+
Leeming	257	00180	089	+	+
Tynemouth	262	00170	061	+	+
Carlisle	222	00161	060	+	+
Valley	302	00170	095	+	+
Ringway	334	00170	090	+	+
Squires Gate	318	00171	085	+	+
Ronaldsway	204	00150	089	+	+
Mull of Galloway	131	00151			
Eskdalemuir	162	00161	067	+	+
Prestwick	135	00150	052	+	+
Abbotsinch	140	00151	037	+	+
Leuchars	171	91151	024	+	ir.
Dyce	091	94141	002	jp	r.r.
Lerwick	005	11112	001	ir.	ir.r.r.rr
Wick	075	01131	000	ir.r.r.	r.r.ir.ir
Sule Skerry	010	03122			
Cape Wrath	049	02122	001	ir.	rrDD
Stornoway	026	94131	000	r.	r.r.d.r.d.
Benbecula	022	02131	000	ir.r.d.r.	d.r.d.d.
Tiree	100	00151	020	+	+
Aldergrove	917	00161	056	ff	+
Malin	980	9716	039		
Belmullet	976	9716	089		
Birr	965	9718	106		
Dublin	969	9718	094		
Shannon	962	9719	105		
Roches Point	952	9716	114		
Valentia	953	9719	107		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

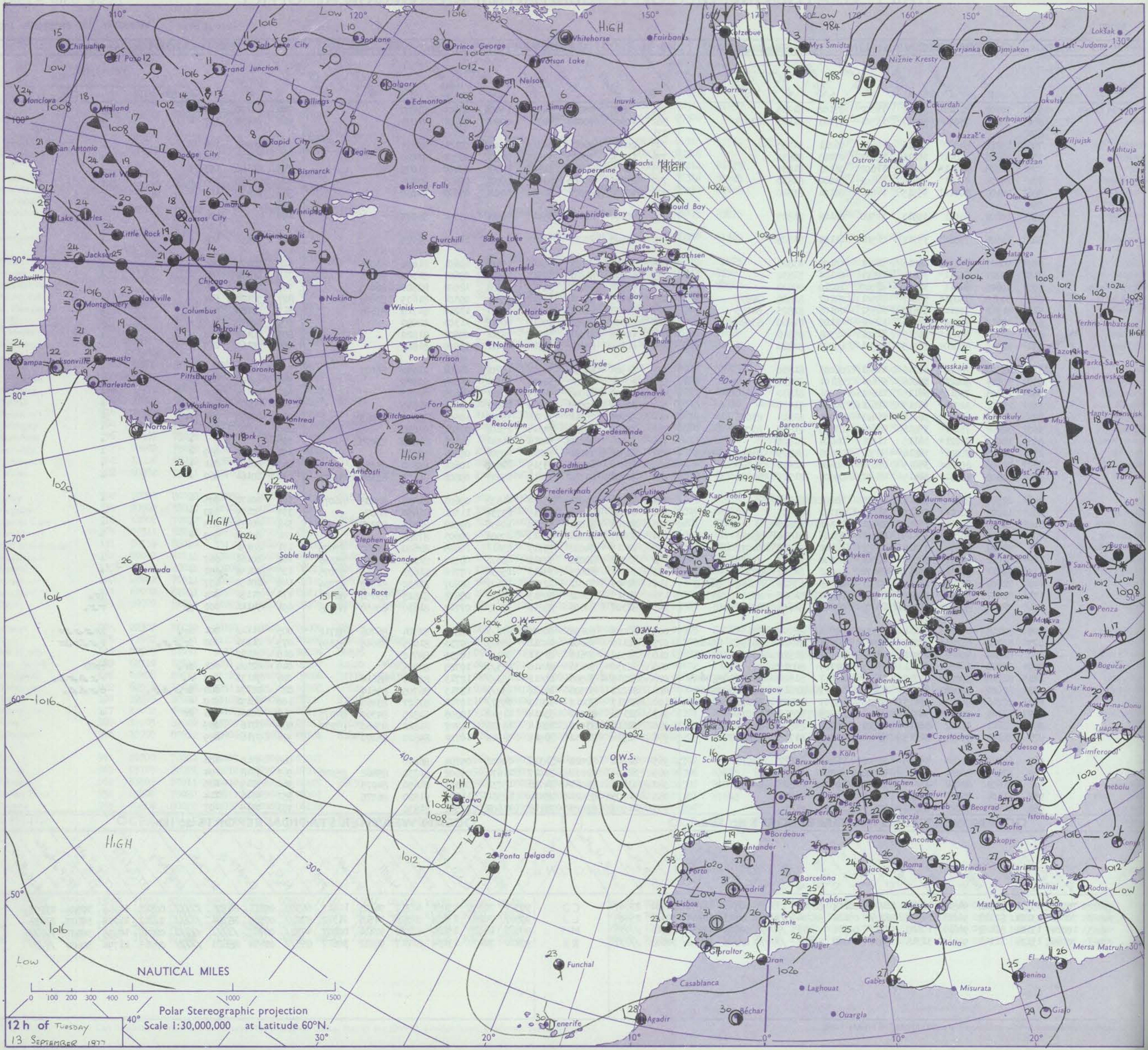
O.W.S.		99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
	C	99527	70355	13121	81912	94515	12713	864//	00104	88710	/////	00313	11184	30504	23307
	L	99567	70203	13124	82127	96216	20712	862//	00104	88704	/////	0/A3	11209	30906	25805
	M	99663	10024	13124	82128	96616	10609	5731/	00724	/////	/////	00009	10850	30706	/////
	R	99460	70169	13124	71114	98202	31718	755//	00009	87626	/////	0/A5	11810	30603	/////

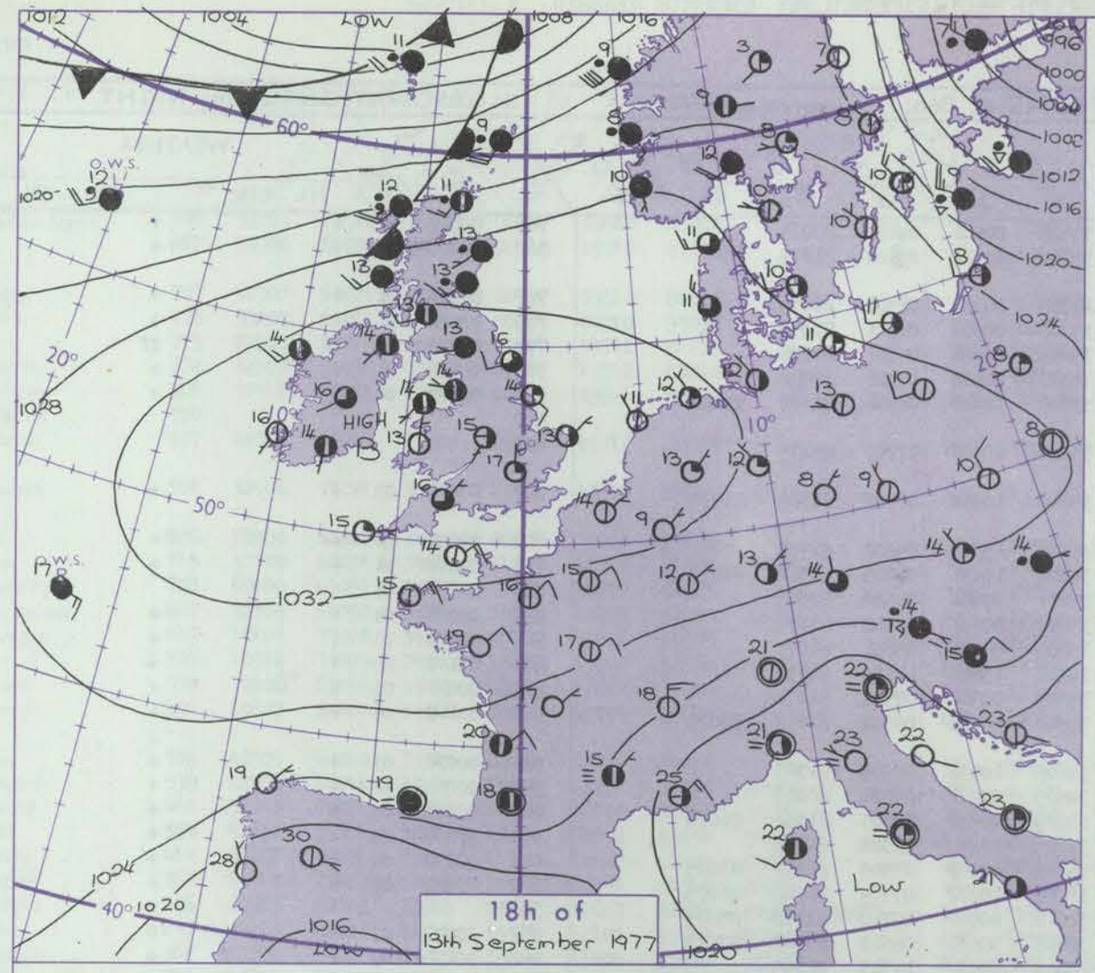
OCEAN WEATHER STATION REPORTS at 18h.

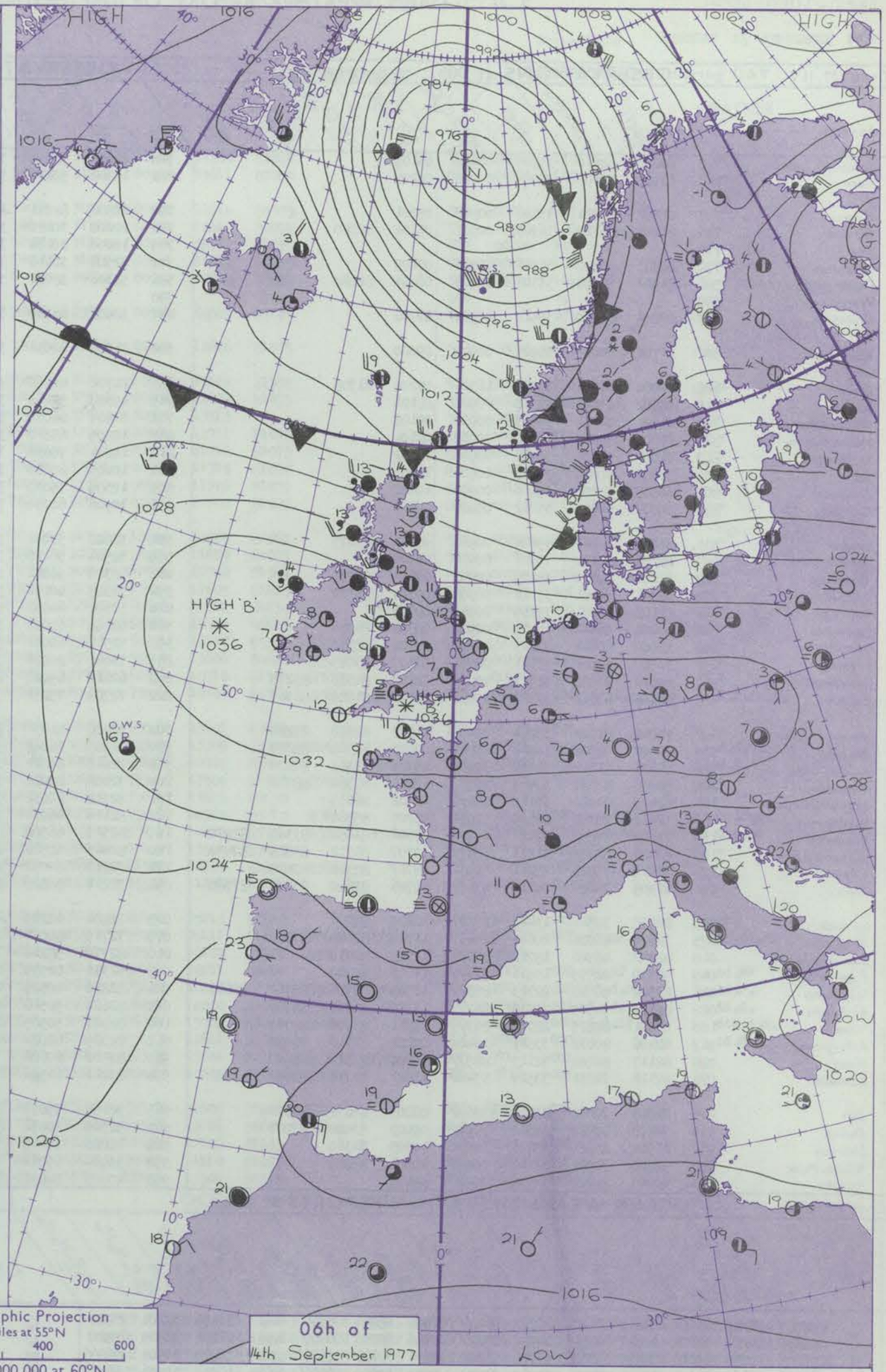
O.W.S.		99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
	C	99527	70355	13181	61712	96105	11413	66300	00611	86708	/////	00313	11216	30504	23307
	L	99567	70202	13184	82320	94506	21312	872//	00305	88704	/////	0/A2	11225	30807	28108
	M	99663	10028	13184	82138	97636	00007	4732/	00767	/////	/////	00007	10855	30807	/////
	R	99471	70170	13184	81017	98022	30617	855//	00504	88620	/////	0/A5	11794	30604	/////

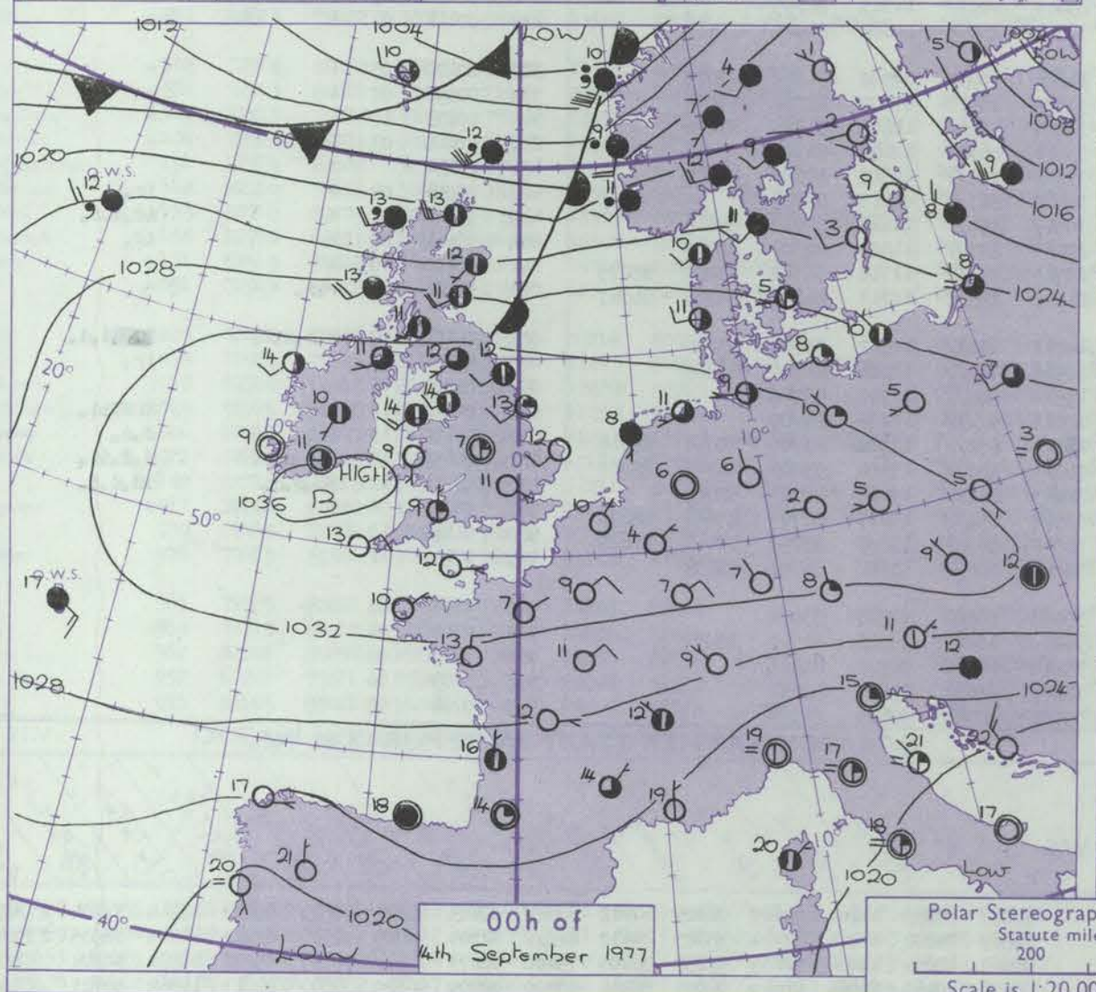
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 WEDNESDAY 14 SEPTEMBER 1977

During the past 24 hours an anticyclone over the British Isles moved slowly south and a warm front moved eastward over Scotland. During the next 24 hours the anticyclone is expected to continue moving slowly south to north France with a ridge of high pressure building northwestwards from its centre, whilst a weak frontal trough becomes slow-moving for a while over the extreme north of Scotland.

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

Code FM 11.V

OBSERVATIONS at 00h. 14 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	00000	62010	35909	00900	05105			
Hurn	862	03402	50100	36006	00900	06205			
Manston	797	01502	84021	35606	00900	05001			
Gatwick	776	20000	56110	36505	00901	05104	82080		
Kew	775								
Heathrow	772	01203	57050	36011	00900	07105			
Honington	586	21902	58050	35308	00902	06803	82080		
Wattisham	590								
Gorleston	497	02208	66020	35512	00900	07706			
Aberporth	502	01706	70020	35909	00900	09000			
Filton	628	20000	60051	35909	16301	07204	81708		
Rhoose	715	00402	65021	35710	00900	08104			
Hartland Point	703	01408	74021	35913	00900	08106			
Mount Batten	827	01004	70010	36010	00900	08104			
St. Mawgan	817	01001	57101	35911	00900	11302			
Scilly	804	00608	60020	35113	00900	12102			
Culdrose	809	00505	57050	35810	00900	10102			
Guernsey	894	00807	66020	35012	00900	09305			
Elmdon	534	30000	62041	35607	00902	07701	83075		
Cardington	559	02204	58100	35907	00900	07000			
Wittering	462	22204	57040	35209	00901	07604	82075		
Watnall	354	62301	50041	35111	00908	09704	86270		
Shawbury	414	02102	68021	35209	00900	08803			
Finningley	360	62404	56041	34410	00902	08802	86080		
Spurn Point	396	22308	66011	33813	20970	09706	82360		
Leeming	257	31502	75011	33111	00901	07807	83075		
Tynemouth	262	82610	81022	31913	40937	10812	84358	88275	
Carlisle	222	62406	65012	32312	2553/	10710	81625	86363	
Valley	302	72214	81022	35214	00908	11802	82072	87280	
Ringway	334	82004	70022	34811	20937	09603	82362	88270	
Squires Gate	318	72511	81012	34414	30938	09704	83363	87270	
Ronaldsway	204	82408	82022	33913	30937	12606	83364	88270	
Mull of Galloway	131	62415	81012	33113	656//	12802	86635		
Eskdalemuir	162	52012	75031	32409	50930	09705	85364		
Prestwick	135	72407	75022	32111	15778	09706	81656	83365	87270
Abbotsinch	140	82408	65032	31213	7547/	10707	81712	83618	87630
Leuchars	171	72419	75026	27811	50932	08717	85362	87075	
Dyce	091	72305	75026	24212	4567/	10726	82640	83656	87360
Lerwick	005	82435	30516	13412	870//	12620	88701		
Wick	075	72624	80026	20613	2563/	11714	82640	87362	
Sule Skerry	010	82332	48516	18712	874//	12708	88710		
Cape Wrath	049	92330	02555	19511	9////	11603	89/00		
Stornoway	026	82522	56516	22713	853//	13503	83706	85711	88616
Benbecula	022	82322	56505	25813	862//	13509	86704	88706	
Tiree	100	82321	65025	28713	863//	12811	83706	88709	
Aldergrove	917	62406	80032	33511	16402	09201	81710	86075	
Malin	980	82117	82022	32113	885//	10604	83822	88640	
Belmullet	976	42111	74031	33514	45402	13801	81718	83640	
Birr	965	71903	70032	35410	556/2	08203	85636	85070	
Dublin	969	72406	70022	34512	30972	09003	83460	87070	
Shannon	962	11901	65021	35611	10930	10303	81360		
Roches Point	952	50000	70022	35911	00901	10001	85075		
Valentia	953	00000	84020	35709	00900	08103			

OBSERVATIONS at 06h. 14 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	20000	56050	35505	00901	04400	82075		
Hurn	862	13302	50110	35704	00901	03803	81075		
Manston	797	62806	82031	34708	00904	06501	86078		
Gatwick	776	20000	30110	35703	00902	03501	82075		
Kew	775	10000	30124	35604	00901	04501	81078		
Heathrow	772	22502	30110	35307	00902	07502	82080		
Honington	586	52306	58051	33808	10932	06506	81367	85080	
Wattisham	590								
Gorleston	497	32408	66030	33610	00906	07707	83275		
Aberporth	502	71905	60031	35509	10932	06502	81368	87075	
Filton	628	21702	40100	35306	15331	05502	81708		
Rhoose	715	40302	58110	35008	10931	04703	81362	84075	
Hartland Point	703	31607	66030	35411	00901	08500	83075		
Mount Batten	827	10505	65020	35607	00901	06302	81075		
St. Mawgan	817	11201	70030	35209	00901	08601	81075		
Scilly	804	10405	60020	34812	15600	11500	81630		
Culdrose	809	10305	75030	35209	00901	07501	81070		
Guernsey	894	30906	62030	34511	16402	08502	81712	83075	
Elmdon	534	32602	57041	34608	10932	07505	81363		
Cardington	559	32504	56110	34805	00901	05504	83075		
Wittering	462	62308	58021	33809	10932	07605	81362	86075	
Watnall	354	32308	40101	33709	10948	08505	81365		
Shawbury	414	32607	64040	34106	10932	05505	81362	83075	
Finningley	360	62102	63022	32408	10972	07509	81362	86075	
Spurn Point	396	52511	60031	31612	20971	09710	82360	85075	
Leeming	257	73602	80021	30612	30931	08513	83360	87073	
Tynemouth	262	62617	69022	29414	6097/	11713	86359		
Carlisle	222	72709	75031	30812	28532	10604	81823	85363	
Valley	302	52806	81031	34611	10932	09500	81364	85075	
Ringway	334	61905	56041	33509	20972	07607	81359	85075	
Squires Gate	318	72612	80021	33014	10932	11606	81363	87070	
Ronaldsway	204	72406	80022	33111	16342	10602	81709	87075	
Mull of Galloway	131	72712	80031	32312	755//	10602	81620	87630	
Eskdalemuir	162	82110	66031	30110	863//	09613	88707		
Prestwick	135	82515	66502	30513	854//	11610	82712	88616	
Abbotsinch	140	82413	62502	29013	873//	11809	82708	88710	
Leuchars	171	72213	80032	25513	45432	11714	81712	83620	85075
Dyce	091	72211	86022	21915	25572	10713	81625	84359	86363
Lerwick	005	72824	62205	14211	6823/	10312	84705	83630	
Wick	075	72719	80031	20514	754//	12306	84710	86618	
Sule Skerry	010	82730	58216	19512	864//	12310	88710		
Cape Wrath	049	92330	02555	20011	9////	11400	89/00		
Stornoway	026	82820	40505	23313	852//	12306	83705	84708	88618
Benbecula	022	82620	50516	26013	862//	13304	83703	86705	88707
Tiree	100	82520	50505	28013	862//	13605	87703	88705	
Aldergrove	917	82309	68021	32511	852//	10607	82705	85618	88622
Malin	980	82522	60606	31014	863//	13503	83709	87714	86625
Belmullet	976	82211	64586	33414	864//	13502	86717	88638	
Birr	965	32104	75031	35008	00902	07503	83070		
Dublin	969	52509	80031	34010	16402	09503	81710	85070	
Shannon	962	10000	70110	35210	18502	09503	81825		
Roches Point	952	33404	65031	35309	25601	09604	82638		
Valentia	953	10605	84030	35007	00901	07604	81070		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00040	51	+	+
Hurn	862	00040	01	+	+
Manston	797	00060	01	+	+
Gatwick	776	97020	51	+	+
Kew	775	00030	52	ff	ff
Heathrow	772	00070	01	+	+
Honington	586	00070	04	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00080	03	+	+
Filton	628	00050	51	+	+
Rhoose	715	00070	01	+	+
Hartland Point	703	00100	06		
Mount Batten	827	00070	04	+	+
St. Mawgan	817	00080	03	+	+
Scilly	804	00110	08	+	+
Culdrose	809	00081	03	+	+
Guernsey	894	00110	06	+	+
Elmdon	534	00070	03	+	+
Cardington	559	00050	51	+	+
Wittering	462	00080	05	+	+
Watnall	354	97080	04	+	+
Shawbury	414	00050	00	+	+
Finningley	360	00080	02	+	+
Spurn Point	396			+	+
Leeming	257	00090	07	+	+
Tynemouth	262	00120	09	+	+
Carlisle	222	00111	08	+	+
Valley	302	00100	05	+	+
Ringway	334	00090	07	+	+
Squires Gate	318	00131	10	+	+
Ronaldsway	204	00110	08	+	+
Mull of Galloway	131	00111			
Eskdalemuir	162	97091	08	+	ir.
Prestwick	135	97101	08	+	id.d.d.
Abbotsinch	140	97111	09	+	id.
Leuchars	171	00110	10	+	+
Dyce	091	91101	09	r.r.	+
Lerwick	005	04101	09	r.r.d.d.	[redacted]d.d.
Wick	075	97121	11	+	ir.
Sule Skerry	010	03102	11		
Cape Wrath	049	04112	10	DDFF	DDFFid.
Stornoway	026	97121	12	d.d.	d.d.
Benbecula	022	01131	12	d.d.d.r.	d.d.id.
Tiree	100	96131	12	id.d.d.	id.d.d.
Aldergrove	917	00091	06	+	+
Malin	980	9112	10		
Belmullet	976	9713	11		
Birr	965	9707	05		
Dublin	969	9710	08		
Shannon	962	9710	08		
Roches Point	952	9709	06		
Valentia	953	9706	05		

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_s3PP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14001	81810	96104	12513	864//	00308	88714	/////	00413	11176	3//04	23/07
L	99569	70201	14004	82517	95515	24312	872//	00116	88703	/////	0/A2	11201	30805	28907
M	99665	10030	14004	72230	97526	87708	76300	00631	/////	/////	00007	10879	30808	/////
R	99471	70168	14004	21116	98021	30917	25500	00803	82620	/////	0/A4	11840	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_s3PP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14061	81607	96105	10612	855//	00608	88621	/////	00112	11214	3//01	23/07
L	99569	70202	14064	82414	95025	25612	862//	61304	88705	/////	0/A2	11214	30805	27805
M	99664	10034	14064	72639	97258	88205	79400	00203	/////	/////	05702	10881	30808	/////
R	99471	70169	14064	61219	98031	28416	65500	00709	86620	/////	0/A3	11768	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. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42301

Date of Issue THURSDAY 15 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 14 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	33305	68020	34018	00901	09810	83080		
Hurn	862	33002	68030	34519	00901	09712	83075		
Manston	797	62907	60021	33718	00902	07810	86075		
Gatwick	776	53207	63031	34418	00904	07710	85078		
Kew	775	22805	62020	34218	00901	09712	82078		
Heathrow	772	32707	59030	33719	00901	10812	83080		
Honington	586	72511	78032	32219	00902	08811	87080		
Wattisham	590								
Gorleston	497	22712	60021	31918	00901	05711	82075		
Aberporth	502	32906	72021	35315	11402	13804	81818	83075	
Filton	628	22809	62020	34418	00901	10808	82080		
Rhoose	715	52709	62031	34618	11501	12707	81828	85075	
Hartland Point	703	60000	66031	35615	12501	12803	81825	86075	
Mount Batten	827	32305	60050	35018	11631	11807	81835	83078	
St. Mawgan	817	10105	75020	34917	00901	11806	81075		
Scilly	804	10710	75020	34917	15601	13000	81630		
Culdrose	809	10805	65050	35217	00901	10802	81070		
Guernsey	894	10607	68020	34516	00902	10704	81075		
Elmdon	534	42504	64040	33319	00902	09707	84075		
Cardington	559	42906	60041	33419	10931	11711	81365	83080	
Wittering	462	52813	70021	32518	10932	10709	81362	85078	
Watnall	354	62611	75021	32816	15772	10202	81650	86074	
Shawbury	414	53008	75021	33119	11532	11807	81828	85075	
Finningley	360	62713	75022	31818	20972	07501	81363	86078	
Spurn Point	396	62814	62012	30618	25672	11607	82635	84360	85075
Leeming	257	72813	82022	31017	55531	12103	85622	85360	
Tynemouth	262	82724	69021	29215	5563/	15306	85630	88360	
Carlisle	222	82613	70022	30714	854//	12102	82712	85617	88624
Valley	302	72912	80032	35215	58402	11202	85810	85072	
Ringway	334	52813	80012	33016	21432	09705	82818	84075	
Squires Gate	318	72515	75032	33215	754//	13801	81710	87625	
Ronaldsway	204	72512	80022	33214	753/2	12501	82708	87635	87075
Mull of Galloway	131	72914	80022	32315	756//	13602	87635		
Eskdalemuir	162	82310	56606	30014	854//	12303	84710	88627	
Prestwick	135	82716	59205	30614	852//	13503	82705	86708	88622
Abbotsinch	140	82713	68035	29316	864//	14304	88714		
Leuchars	171	62519	84012	26220	28542	14003	82820	86070	
Dyce	091	72913	86022	24118	25572	12310	82625	87464	
Lerwick	005	72820	70036	18211	783//	07218	83708	87628	
Wick	075	72924	70216	23314	554/2	12215	81712	85615	87070
Sule Skerry	010	62720	58015	23412	3647/	12220	83715	86360	
Cape Wrath	049	92724	02505	24011	9////	11220	89/00		
Stornoway	026	82918	57585	26213	852//	12213	83705	86707	88630
Benbecula	022	72818	64205	28513	762//	12116	83705	87708	
Tiree	100	82716	40515	29914	861//	14211	84702	86703	88705
Aldergrove	917	72206	80022	32815	753//	13101	83708	85712	87620
Malin	980	72418	64106	32015	762/2	13305	82705	86716	
Belmullet	976	72413	58506	34115	763//	14104	85708	87716	
Birr	965	72505	82021	35016	725/2	11603	87821		
Dublin	969	72712	82012	34216	62532	11804	86820		
Shannon	962	32302	80030	35217	22602	12703	82830	83075	
Roches Point	952	61703	75011	35616	11531	10802	81820	86075	
Valentia	953	53105	83021	35416	11532	13400	81822	84070	

OBSERVATIONS at 18h. 14 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	32904	62011	31618	00901	11509	83080		
Hurn	862	33007	59030	31818	00901	11611	83080		
Manston	797	42109	56051	30316	00902	11614	84075		
Gatwick	776	22801	59041	31318	00901	12610	82078		
Kew	775	12804	62021	31319	00901	08712	81075		
Heathrow	772	22704	58011	31019	00901	10610	82075		
Honington	586	72709	60022	29618	00902	10809	87080		
Wattisham	590								
Gorleston	497	73009	58021	29519	00901	09507	87075		
Aberporth	502	13405	75020	33413	00902	12606	81075		
Filton	628	12506	58050	31716	10931	12612	81368		
Rhoose	715	13010	60021	32315	00901	12609	81075		
Hartland Point	703	02705	60051	33315	00900	13813			
Mount Batten	827	12205	68050	32715	00901	12711	81080		
St. Mawgan	817	10107	75020	32815	00901	10712	81075		
Scilly	804	10307	71020	32815	00901	11715	81080		
Culdrose	809	12502	60050	32515	00902	11716	81070		
Guernsey	894	10307	72020	32514	00902	11610	81075		
Elmdon	534	23407	68020	31718	10942	10505	81362		
Cardington	559	42708	58041	30818	00901	11609	84078		
Wittering	462	22912	75021	30417	10932	07709	81364		
Watnall	354	22805	75021	31315	15532	11605	81625		
Shawbury	414	23512	80021	32115	18642	11502	81830		
Finningley	360	72812	72032	30516	65482	12603	86616		
Spurn Point	396	72814	62022	29316	50971	13507	85360	87075	
Leeming	257	62508	80012	29616	55502	13606	84620	83072	
Tynemouth	262	32818	69021	27516	10931	15710	81358	83075	
Carlisle	222	72610	65605	29915	754//	14605	84710	85618	87625
Valley	302	72905	82022	33416	755//	13606	87620		
Ringway	334	82909	60501	32014	853//	13705	83709	88614	
Squires Gate	318	82711	65505	32015	854//	14707	88615		
Ronaldsway	204	72607	81022	32115	754//	13506	81713	87620	
Mull of Galloway	131	73412	80022	31615	756//	13603	87630		
Eskdalemuir	162	72003	70605	29714	754//	12302	85710	87618	
Prestwick	135	82509	50515	30514	852//	14805	83704	85708	87711
Abbotsinch	140	72508	68025	29416	754//	13500	87615		
Leuchars	171	52816	86031	26319	11542	12205	81825	83365	
Dyce	091	32914	89011	25016	35502	11204	83626		
Lerwick	005	23111	70018	21108	28400	05213	82812		
Wick	075	72912	75028	25311	5547/	09111	81616	85656	87360
Sule Skerry	010	62916	74012	25712	2253/	10107	82820	85360	
Cape Wrath	049	93215	02505	26110	9////	09211	89/00		
Stornoway	026	72814	60586	27612	752//	12205	82705	85615	87625
Benbecula	022	72814	65505	29612	762//	12000	83704	85707	87711
Tiree	100	82914	25505	30313	860//	13703	83701	88703	
Aldergrove	917	83008	82022	32315	854//	12601	88616		
Malin	980	82615	70505	32014	863//	13601	82706	86713	87630
Belmullet	976	72505	72025	33315	754//	13708	83718	87635	
Birr	965	73301	80022	33616	785//	12606	81820	87633	
Dublin	969	82807	82022	32916	855//	13606	86620	88628	
Shannon	962	23403	82011	33217	11609	12709	81833		
Roches Point	952	11906	75021	33415	00902	11610	81075		
Valentia	953	12906	82031	33715	18509	13508	81825		

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00210	110 +		+
Hurn	862	00200	109 +		+
Manston	797	00200	107 +		+
Gatwick	776	00200	106 +		+
Kew	775	00210	105 +		+
Heathrow	772	00210	100 +		+
Honington	586	00210	101 +		+
Wattisham	590				
Gorleston	497		075		
Aberporth	502	00160	105 +		+
Filton	628	00190	104 +		+
Rhoose	715	00190	108 +		+
Hartland Point	703	00160	111		
Mount Batten	827	00180	112 +		+
St. Mawgan	817	00190	115 +		+
Scilly	804	00180	118 +		+
Culdrose	809	00180	109 +		+
Guernsey	894	00170	113 +		+
Elmdon	534	00200	108 +		+
Cardington	559	00210	103 +		+
Wittering	462	00200	106 +		+
Watnall	354	00190	091 +		+
Shawbury	414	00200	104 +		+
Finningley	360	00200	074 +		+
Spurn Point	396	/////	+		+
Leeming	257	00170	000 +		+
Tynemouth	262	00170	062 +		+
Carlisle	222	97151	000	ir.d.r.	d.r.ir.d.
Valley	302	00170	076 +		+
Ringway	334	97171	058 +		d.d.
Squires Gate	318	97161	014 +		d.d.
Ronaldsway	204	00160	021 +		+
Mull of Galloway	131	00160			
Eskdalemuir	162	97151	000	ir.id.	ir.r.r.
Prestwick	135	02151	000	d.d.dd	d.d.dd
Abbotsinch	140	97170	000	id.	+
Leuchars	171	00220	081 +		+
Dyce	091	00201	042 +		+
Lerwick	005	97121	063 +		pr.
Wick	075	91151	017	ir.pr.	pr.id.r.
Sule Skerry	010	96131			
Cape Wrath	049	01111	000	id.FF	id.FF
Stornoway	026	95141	002	id.d.r.	id.r.
Benbecula	022	97151	003	d.id.	id.d.
Tiree	100	93151	000	d.d.id.d	did.d.d.
Aldergrove	917	97161	000 +		id.d.
Malin	980	9716	003		
Belmullet	976	9116	002		
Birr	965	9717	034		
Dublin	969	9717	024		
Shannon	962	0019	097		
Roches Point	952	9716	112		
Valentia	953	9717	105		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

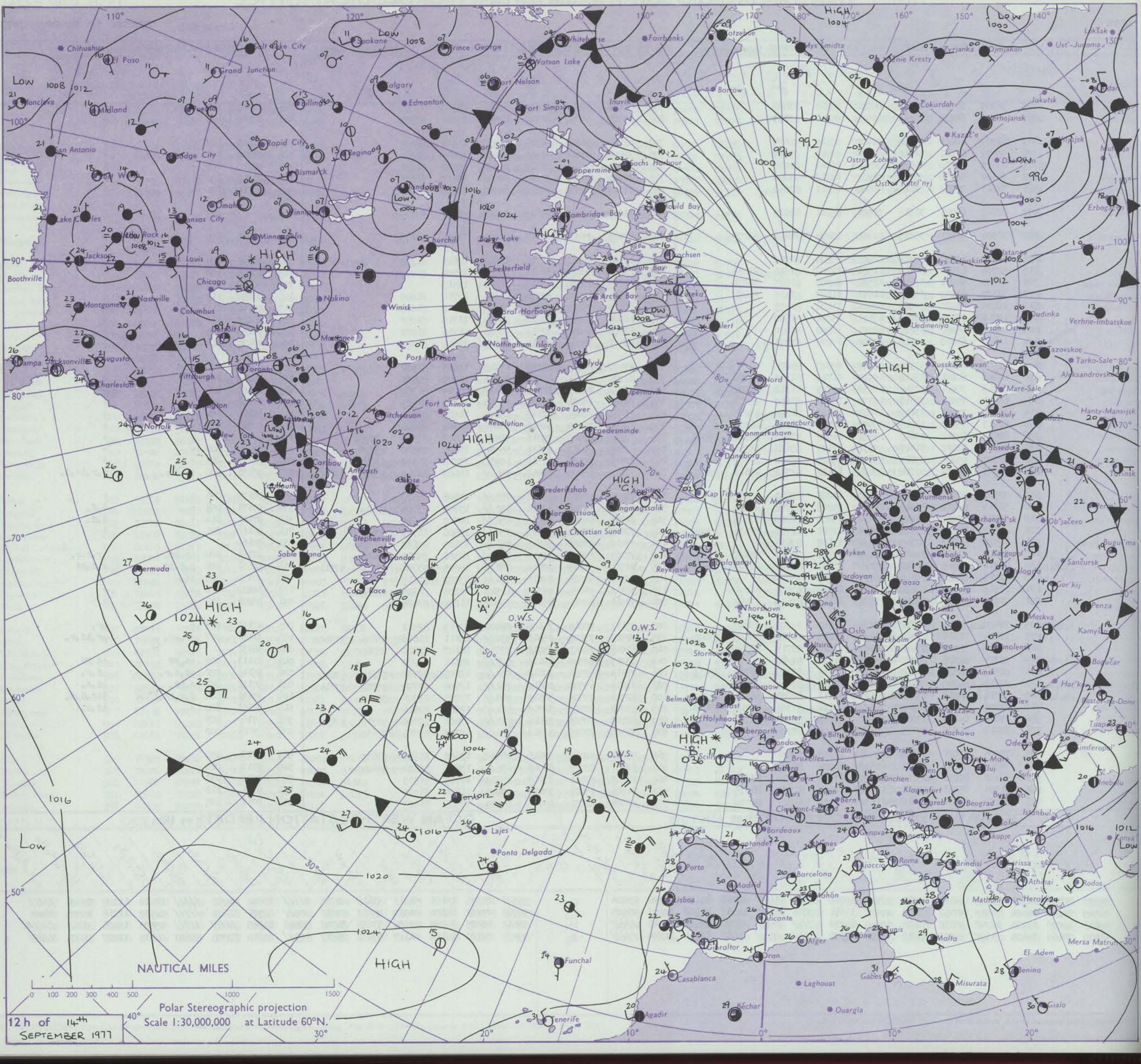
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14121	81209	94105	09313	863//	00710	88709	/////	00313	11170	30302	23006
L	99569	70204	14124	81918	97032	27812	855//	31211	85625	88640	0/Λ2	11209	30805	27805
M	99663	10029	14124	62742	97258	90804	59460	61222	/////	/////	05702	10849	31012	/////
R	99470	70169	14124	71120	98022	28717	75500	00708	87620	/////	0/Λ3	11844	30704	/////

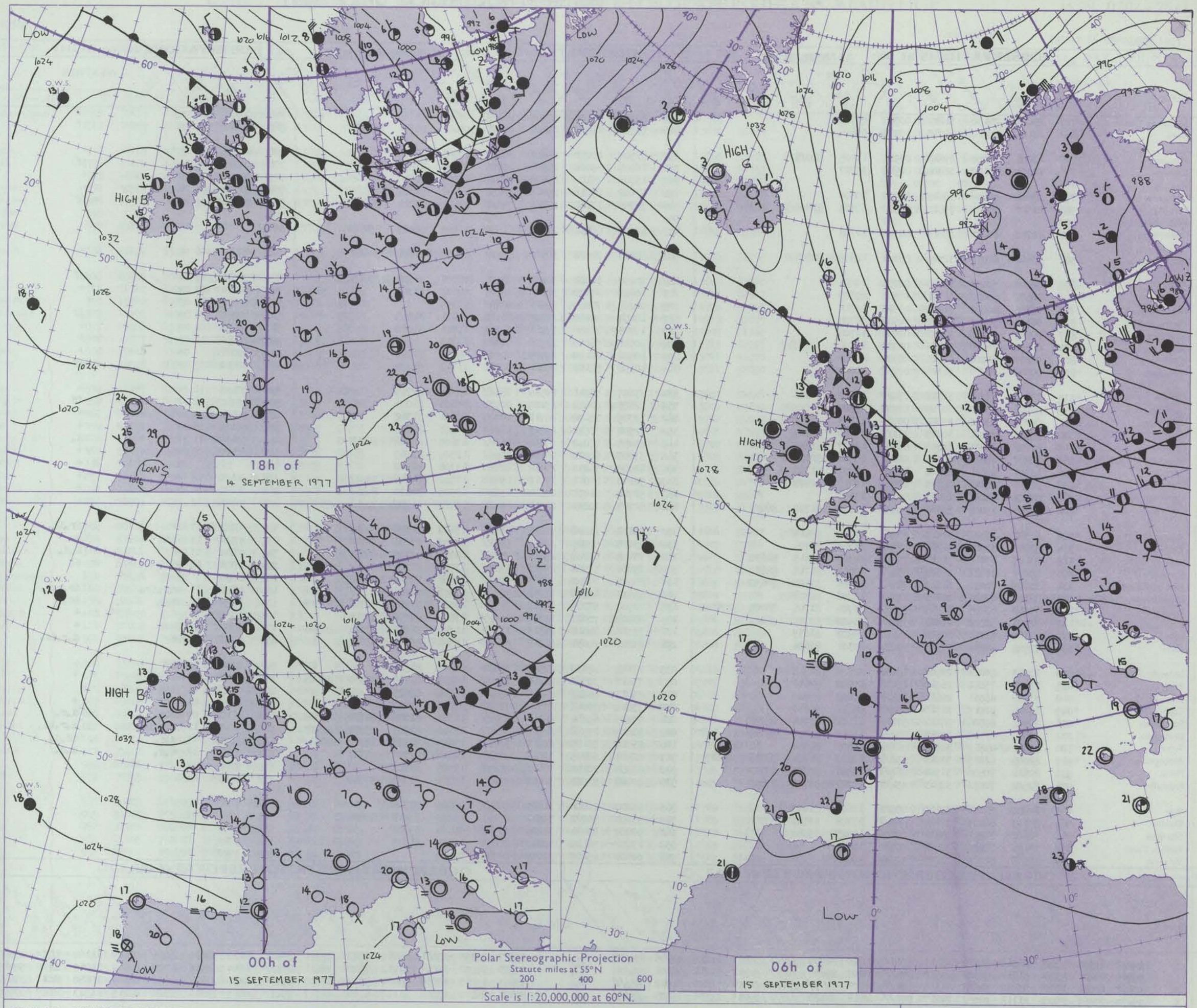
OCEAN WEATHER STATION REPORTS at 18h.

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	14181	91213	93616	02713	9////	00744	89/08	/////	00414	11208	30606	/////
L	99568	70202	14184	81910	98022	27812	855//	00501	88628	/////	0/Λ2	11216	30905	26004
M	99662	10025	14184	82936	97258	94705	59460	61220	/////	/////	05503	10826	31114	////£
R	99470	70170	14184	81117	97032	26017	853//	00610	83708	88620	0/Λ4	11827	30703	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 15 SEPTEMBER 1977

During the past 24 hours an anticyclone over southern districts drifted slowly northwest whilst a weak cold front moved slowly south over northeast Scotland. During the next 24 hours the anticyclone near northwest Ireland is expected to become absorbed in a ridge of high pressure building southwards from Iceland into France whilst the weak cold front over Scotland moves slowly into central and eastern districts of England.

Code FM 11.V

OBSERVATIONS at 00h. 15 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	03404	23100	31210	00900	09706			
Hurn	862	03101	30110	31010	00900	09606			
	871								
Manston	797	13006	56050	29813	00901	11805	81075		
Gatwick	776	00000	30110	30809	00900	08707			
Kew	775								
Heathrow	772	03003	50050	30613	00900	10804			
Honington	586	22506	50051	29812	00902	10804	82080		
Wattisham	590								
Gorleston	497	02710	60021	29013	00900	11708			
Aberporth	502	82602	62031	32312	855//	12809	88621		
Filton	628	00303	50050	31712	00900	10804			
Rhoose	715	00602	65020	31311	00900	09709			
Hartland Point	703	00305	80020	31814	00900	12712			
Mount Batten	827	00402	57050	31610	00900	09708			
St. Mawgan	817	00605	59050	32012	00900	11708			
Scilly	804	00510	71020	31313	00900	12706			
Culdrose	809	00207	60020	31611	00900	09808			
Guernsey	894	00505	70010	31311	00900	11709			
Elmdon	534	73109	65011	31315	754//	12810	87616		
Cardington	559	02906	57100	30809	00900	09804			
Wittering	462	02708	58050	30212	00900	11708			
Watnall	354	82708	70021	30215	863//	13809	88709		
Shawbury	414	82705	70021	31613	854//	12707	82614	88616	
Finningley	360	22807	60021	29114	00902	13810	82078		
Spurn Point	396	12817	62021	28614	10970	13707	81360		
Leeming	257	22914	80021	28615	00902	12810	82075		
Tynemouth	262	02808	69020	28415	00900	13103			
Carlisle	222	72706	75026	29814	754//	13806	81710	86630	
Valley	302	83302	75022	32415	854//	13708	88615		
Ringway	334	82805	50505	31214	873//	13709	88706		
Squires Gate	318	73107	65015	31415	754//	14707	82615	86630	
Ronaldsway	204	83207	75022	31615	854//	13607	81710	88620	
Mull of Galloway	131	73405	70031	31513	755//	13806	82620	87630	
Eskdalemuir	162	82306	68616	29713	873//	12706	88708		
Prestwick	135	73010	60205	30713	753//	13704	81706	83708	87614
Abbotsinch	140	72406	80022	29914	754//	13000	83715	86622	
Leuchars	171	22310	82011	27511	15631	10802	81635		
Dyce	091	72908	84031	26413	755//	10301	87624		
Lerwick	005	13013	80021	22807	18400	02204	81813		
Wick	075	23011	75011	26010	25630	09002	82642		
Sule Skerry	010	73218	66031	26611	755//	09102	87620		
Cape Wrath	049	63216	81015	26710	655//	09801	86620		
Stornoway	026	82808	40506	28411	872//	11101	83704	88708	
Benbecula	022	82610	28505	29813	862//	13000	85703	88705	
Tiree	100	82811	40515	30313	861//	13803	88702		
Aldergrove	917	82805	62025	32013	852//	13807	81704	83713	88617
Malin	980	82611	70505	31914	862//	13802	83705	87717	
Belmullet	976	82502	72032	32813	854//	12707	83718	87640	
Birr	965	10000	58101	33110	00902	10605	81070		
Dublin	969	83103	66205	32114	864//	13708	83715	87718	
Shannon	962	53602	70011	32811	50930	11805	85362		
Roches Point	952	03104	70020	32612	00900	11804			
Valentia	953	00503	82021	32209	00900	09810			

OBSERVATIONS at 06h. 15 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83302	40104	29809	863//	09606	88708		
Hurn	862	73302	11281	29606	660/1	06608	86701	83678	
	871								
Manston	797	82907	40051	28213	863//	12505	88706		
Gatwick	776	10000	20400	29306	15700	06609	81656		
Kew	775	10000	25110	29508	16241	08507	81705		
Heathrow	772	12402	15110	29110	10931	10507	81360		
Honington	586	72706	17101	28111	760//	10603	83701	86702	
Wattisham	590								
Gorleston	497	62806	60031	27812	61510	11400	86825	85460	
Aberporth	502	80205	72022	30314	854//	13809	83612	88617	
Filton	628	70000	30101	30208	753/1	07707	81709	87615	
Rhoose	715	10603	47100	30108	10931	07607	81360		
Hartland Point	703	00605	76020	29813	00900	12709			
Mount Batten	827	10402	20400	29508	10930	07611	81365		
St. Mawgan	817	10705	70030	29811	00902	10711	81070		
Scilly	804	00511	56020	28913	00900	13712			
Culdrose	809	10502	40100	29509	00901	08609	81070		
Guernsey	894	10306	58100	29011	00902	11713	81075		
Elmdon	534	73107	58041	29514	763//	12607	87709		
Cardington	559	12605	02424	29109	00901	09606	81075		
Wittering	462	12705	20100	28711	10970	10501	81362		
Watnall	354	12904	70021	28713	11430	11503	81815		
Shawbury	414	83405	58042	29614	863//	13605	84708	88712	
Finningley	360	33009	60022	28114	20932	12504	82365		
Spurn Point	396	42908	56030	27414	40950	13706	84360		
Leeming	257	52102	82011	27912	15442	11502	81618	85072	
Tynemouth	262	52709	81031	27214	15631	13509	81630	84360	
Carlisle	222	82707	70032	28314	853//	13710	81707	84617	88622
Valley	302	80102	72026	30415	853//	13609	81708	88613	
Ringway	334	83005	59025	29614	863//	13607	87706	88710	
Squires Gate	318	73109	62205	29614	753//	14706	82708	86615	
Ronaldsway	204	73004	57502	29913	753//	13710	81706	84710	87622
Mull of Galloway	131	83410	70032	30113	4742/	13706	84710	88460	
Eskdalemuir	162	82503	65606	28213	873//	13803	88708		
Prestwick	135	72907	57205	29213	752//	13505	82703	86706	87710
Abbotsinch	140	82405	70022	28315	864//	13604	84710	88714	
Leuchars	171	70000	86011	26513	15472	11701	81712	83358	86362
Dyce	091	83203	80031	26212	854//	10501	85711	88620	
Lerwick	005	13118	82020	22507	11400	02802	81812		
Wick	075	73410	70021	26409	6547/	07207	81718	83630	85645
Sule Skerry	010	83613	66022	27609	855//	06206	88625		
Cape Wrath	049	73610	80012	27310	755//	07203	87620		
Stornoway	026	83408	65216	28311	853//	11304	82706	84712	88618
Benbecula	022	83009	25586	28912	862//	12602	82703	85704	88707
Tiree	100	83010	56105	29213	852//	13604	82703	85710	88630
Aldergrove	917	82802	50105	30513	861//	12606	82702	88705	
Malin	980	82808	20102	30613	862//	13506	88703		
Belmullet	976	80000	83022	31013	854//	12711	83718	87640	
Birr	965	80000	20101	31209	864//	08606	88716		
Dublin	969	83003	80022	30513	864//	12808	85717	88620	
Shannon	962	90000	03474	31209	9////	08606	89/02		
Roches Point	952	13604	56100	30710	00901	10808	81075		
Valentia	953	00504	65100	30007	00900	07710			

OBSERVATIONS during NIGHT

Station	iii	RRT_hT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	04 +		if
Hurn	862	00060	04 jf		if
	871				
Manston	797	00110	07 +		+
Gatwick	776	00060	04 +		jf
Kew	775	00070	02 +		+
Heathrow	772	00100	05 +		+
Honington	586	00100	09 +		ff
Wattisham	590				
Gorleston	497				
Aberporth	502	00120	06 +		+
Filton	628	00080	03 +		jf
Rhoose	715	00070	03 +		+
Hartland Point	703	00130	10		
Mount Batten	827	00070	03 +		jf
St. Mawgan	817	00100	04 +		+
Scilly	804	00130	11 +		+
Culdrose	809	00071	+		+
Guernsey	894	00110	07 +		if
Elmdon	534	00130	11 +		+
Cardington	559	00080	04 +		fF
Wittering	462	00100	08 +		+
Watnall	354	00120	06 +		+
Shawbury	414	97130	11 +		d.
Finningley	360	00120	07 +		+
Spurn Point	396		+		+
Leeming	257	00120	08 +		+
Tynemouth	262	00120	11 +		+
Carlisle	222	97141	12 d.		+
Valley	302	97141	13 +		ir.id.
Ringway	334	97140	13 d.d.		+
Squires Gate	318	97141	13 +		d.d.
Ronaldsway	204	97130	13 +		d.
Mull of Galloway	131	00120			
Eskdalemuir	162	97131	11 r.r.ir.		ir.r.r.
Prestwick	135	92131	13 d.d.		id.
Abbotsinch	140	00140	13 +		+
Leuchars	171	00110	09 +		+
Dyce	091	93101	08 +		d.r.id.
Lerwick	005	00061	03 +		+
Wick	075	00091	07 +		+
Sule Skerry	010	00081	08		
Cape Wrath	049	00090	09 +		+
Stornoway	026	01101	09 d.d.		d.r.
Benbecula	022	01121	12 d.d.id.		d.r.id.
Tiree	100	91131	13 d.d.		id.d.
Aldergrove	917	92121	12 d.d.		d.d.
Malin	980	9713	12		
Belmullet	976	9313	12		
Birr	965	9708	05		
Dublin	969	9713	12		
Shannon	962	9709	07		
Roches Point	952	9710	07		
Valentia	953	9707	04		

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	15001	81312	94616	98113	8732/	00720	86709	/////	00313	11226	3//05	13/07
L	99569	70202	15004	81811	98022	29512	856//	00307	88630	/////	0/12	11214	30501	99/05
M	99662	10021	15004	83038	96818	94305	894//	61807	/////	/////	05504	10849	31012	/////
R	99470	70169	15004	81118	97022	24217	855//	00714	88620	/////	0//15	11836	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15061	82710	97206	02311	854//	00230	88619	/////	05109	11160	3//05	13/07
L	99570	70202	15064	81412	96205	26811	872//	00614	85704	88708	0/12	11219	30502	99/05
M	99663	10013	15064	53434	97028	05308	39461	61255	/////	/////	05104	10850	31011	/////
R	99471	70170	15064	81118	97032	21717	854//	00715	82710	88620	0//15	11823	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. Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307-2541

No. 42302

Date of Issue FRIDAY 16 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 15 SEPTEMBER 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	70105	70022	27316	754//	13814	87614		
Hurn	862	70209	61014	27116	754//	13817	87616		
Manston	797	43407	57051	26917	48401	13709	83812		
Gatwick	776	33406	50041	27118	31400	13816	83818		
Kew	775	40403	65021	27119	41500	13820	84820		
Heathrow	772	50304	60021	26919	52500	14718	85822		
Honington	586	63507	70014	26419	51501	13815	85826		
Wattisham	590								
Gorleston	497	43308	60011	26715	45500	13708	84625		
Aberporth	502	80108	65032	28614	853//	13613	81706	86710	88625
Filton	628	80206	62022	28216	854//	13711	83711	88615	
Rhoose	715	21310	66020	27817	21400	13716	82818		
Hartland Point	703	10510	64050	27815	00901	13816	81075		
Mount Batten	827	12406	64050	27118	11501	14617	81825		
St. Mawgan	817	13306	65020	27418	00901	14718	81075		
Scilly	804	10507	56050	27617	00902	14606	81075		
Culdrose	809	10606	58050	27218	00902	11814	81070		
Guernsey	894	10505	56050	26918	16300	14714	81708		
Elmdon	534	32907	62021	27419	31500	13718	83822		
Cardington	559	12904	66014	26821	11500	15819	81820		
Wittering	462	13604	70020	26620	11502	13716	81822		
Watnall	354	42703	75030	26220	11502	13817	81825	83075	
Shawbury	414	73408	65015	28116	754//	13815	81712	87614	
Finningley	360	33110	65020	26221	11531	13716	81825		
Spurn Point	396	70107	68021	26817	756//	12708	87630		
Leeming	257	53313	89021	26421	38542	13713	82822	83656	
Tynemouth	262	73610	66808	26818	6353/	15807	86925		
Carlisle	222	72908	80032	27218	784//	14811	81815	83818	85625
Valley	302	80106	60206	28715	853//	13619	83708	88613	
Ringway	334	83207	62022	27916	864//	13716	88710		
Squires Gate	318	83211	75032	28316	863//	14713	82706	88708	
Ronaldsway	204	63511	80025	28517	58302	13812	81706	83815	85634
Mull of Galloway	131	73620	80022	28515	3857/	13813	81825	83630	85460
Eskdalemuir	162	72612	80026	27117	784//	13807	83712	85816	85630
Prestwick	135	82606	65032	28615	853//	13808	81708	85616	86620
Abbotsinch	140	82808	70152	27716	854//	13805	83712	88615	
Leuchars	171	70912	70022	27113	753//	11204	82708	85710	86640
Dyce	091	73413	75026	27711	754//	06206	81717	85622	87630
Lerwick	005	73224	70021	23008	755//	03501	87622		
Wick	075	13418	84021	28011	18500	03204	81825		
Sule Skerry	010	13424	82021	29611	11500	03208	81820		
Cape Wrath	049	43606	82011	29910	38530	06211	81820	83625	
Stornoway	026	60613	80021	29912	685//	09207	84820	83630	
Benbecula	022	20210	87016	29814	28530	10000	81820		
Tiree	100	73510	75205	29014	752//	13802	81703	84707	86640
Aldergrove	917	73102	65205	29215	783//	13712	81708	83710	87618
Malin	980	83206	57105	29714	861//	13606	85702	88706	
Belmullet	976	70705	85022	29715	754//	12710	83717	87638	
Birr	965	80702	82022	29215	864//	11616	84717	88632	
Dublin	969	80103	75505	28714	863//	12714	82709	88714	
Shannon	962	31203	80024	28517	32502	14721	83825		
Roches Point	952	11008	75010	28517	11430	12613	81819		
Valentia	953	12704	75020	27619	11500	13614	81828		

OBSERVATIONS at 18h. 15 SEPTEMBER 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	03106	58041	24618	00900	14505			
Hurn	862	11705	59051	24717	00901	13603	81075		
Manston	797	70705	59031	24716	755//	12705	85625	87640	
Gatwick	776	12602	57040	24218	15800	15611	81657		
Kew	775	20000	60020	24418	10939	14608	81365		
Heathrow	772	33204	62031	23921	00909	15711	82175		
Honington	586	81202	65021	24117	856//	12808	87635	88650	
Wattisham	590								
Gorleston	497	83405	66505	25116	855//	10702	88625		
Aberporth	502	80206	65032	26214	853//	13706	82708	85712	88620
Filton	628	70305	60012	25716	755//	13607	87620		
Rhoose	715	31108	58051	25616	25401	13704	82617		
Hartland Point	703	20410	70050	25315	00901	14708	82075		
Mount Batten	827	22203	63050	24815	00901	14710	82075		
St. Mawgan	817	23605	62020	25117	10941	12607	81360		
Scilly	804	50511	58021	24414	00909	13713	82073	84175	
Culdrose	809	30505	50050	24615	00902	13711	83070		
Guernsey	894	20208	57050	24315	00902	13611	82080		
Elmdon	534	13308	57040	25716	15400	13603	81618		
Cardington	559	70102	62031	24421	786//	15606	82830	86640	
Wittering	462	71502	30041	24618	785//	14702	84825	87635	
Watnall	354	72905	50051	24719	756//	14603	87645		
Shawbury	414	83408	58042	26015	863//	13707	82708	88711	
Finningley	360	80511	40031	25416	853//	13308	82708	86612	88624
Spurn Point	396	80314	58505	25913	854//	12306	84715	88630	
Leeming	257	80214	50506	27911	852//	10326	84705	88614	
Tynemouth	262	80218	80028	28211	855//	08209	88625		
Carlisle	222	80913	75032	26712	854//	10311	81714	83625	88640
Valley	302	70106	65012	26815	753//	13606	82707	87614	
Ringway	334	72905	57031	26216	764//	14503	87711		
Squires Gate	318	33207	68021	26115	38300	14605	81708		
Ronaldsway	204	13205	80021	25916	15231	12710	81705		
Mull of Galloway	131	30218	80011	26515	15601	13608	81635	83075	
Eskdalemuir	162	80211	57618	28009	853//	09214	83708	88620	
Prestwick	135	32707	70011	26715	38400	13604	81710		
Abbotsinch	140	70813	62151	27013	784//	09306	81715	83622	86630
Leuchars	171	40207	70011	28012	45600	06206	84630		
Dyce	091	13314	82021	28109	15600	03203	81630		
Lerwick	005	73213	58205	24907	783//	05310	82709	86618	
Wick	075	53312	82031	29008	55600	03207	85640		
Sule Skerry	010	33422	81030	30009	32500	06102	83820		
Cape Wrath	049	23605	82010	30908	21500	01303	82820		
Stornoway	026	10214	83021	31209	15600	04206	81635		
Benbecula	022	40615	89011	30810	45500	07210	84625		
Tiree	100	10214	80021	28612	15631	09501	81630		
Aldergrove	917	53507	75012	27416	55400	13506	82617	84622	
Malin	980	80110	58102	28413	862//	13501	85703	88706	
Belmullet	976	80408	75206	27914	864//	13605	81712	85717	87637
Birr	965	80000	75022	27215	864//	11709	86714	88630	
Dublin	969	80000	70025	27215	864//	11705	85716	88623	
Shannon	962	70604	80031	26515	15639	12710	81630	83362	85175
Roches Point	952	70804	65031	26315	784//	12709	81817	87643	
Valentia	953	70000	80031	25416	38532	13612	81828	83645	85362

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00200	048	+	+
Hurn	862	00200	076	+	+
Manston	797	00190	064	+	+
Gatwick	776	00210	102	+	+
Kew	775	00220	071	+	+
Heathrow	772	00220	066	+	+
Honington	586	97200	062	+	d.
Wattisham	590				
Gorleston	497		037		
Aberporth	502	00150	000	+	+
Filton	628	00160	000	+	+
Rhoose	715	00180	092	+	+
Hartland Point	703	00170	109		
Mount Batten	827	00200	104	+	+
St. Mawgan	817	00190	113	+	+
Scilly	804	00170	095	+	+
Culdrose	809	00181	108	+	+
Guernsey	894	00180	107	+	+
Elmdon	534	00200	074	+	+
Cardington	559	00230	093	+	+
Wittering	462	97221	069	+	d.r.
Watnall	354	97230	101	+	d.
Shawbury	414	97170	000	d.	+
Finningley	360	01211	062	+	d.r.d.r.
Spurn Point	396			+	id.
Leeming	257	97220	070	+	r.d.d.
Tynemouth	262	01181	012	prd.d.	d.d.
Carlisle	222	00200	040	+	+
Valley	302	97160	000	id.	+
Ringway	334	97170	009	+	r.
Squires Gate	318	00170	036	+	+
Ronaldsway	204	00180	067	+	+
Mull of Galloway	131	00180			
Eskdalemuir	162	95181	054	+	pr.drr.
Prestwick	135	00161	027	+	+
Abbotsinch	140	97191	041	jp	id.
Leuchars	171	00170	001	+	+
Dyce	091	97131	062	d.	+
Lerwick	005	92091	048	id.	id.
Wick	075	00111	100	+	+
Sule Skerry	010	00111			
Cape Wrath	049	00101	085	+	+
Stornoway	026	00131	096	+	+
Benbecula	022	97151	059	id.	jp
Tiree	100	97151	044	id.d.d.	+
Aldergrove	917	97171	002	d.	+
Malin	980	9214	000		
Belmullet	976	9715	000		
Birr	965	9715	000		
Dublin	969	9715	000		
Shannon	962	9719	041		
Roches Point	952	9717	072		
Valentia	953	9719	089		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

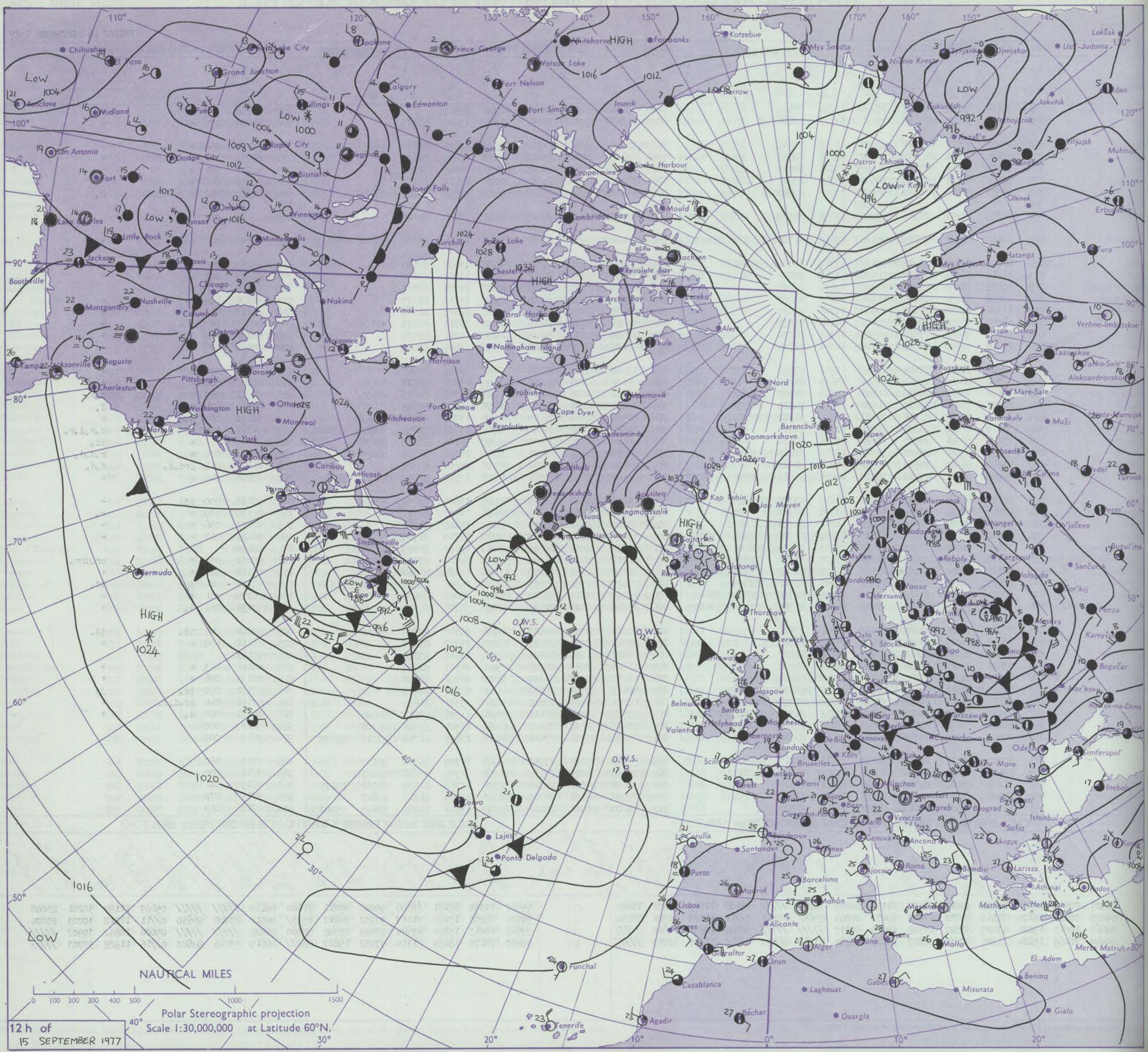
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15121	62806	98018	07410	24502	00225	/////	/////	05206	11178	30201	13007
L	99570	70202	15124	71210	97012	27212	5547/	00003	85618	87363	0//11	11223	30501	20804
M	99663	10013	15124	43425	97022	14308	39460	00237	/////	/////	00006	10855	31008	/////
R	99469	70169	15124	81216	97032	20217	884//	00808	83710	88620	0//15	11836	30703	/////

OCEAN WEATHER STATION REPORTS at 18h.

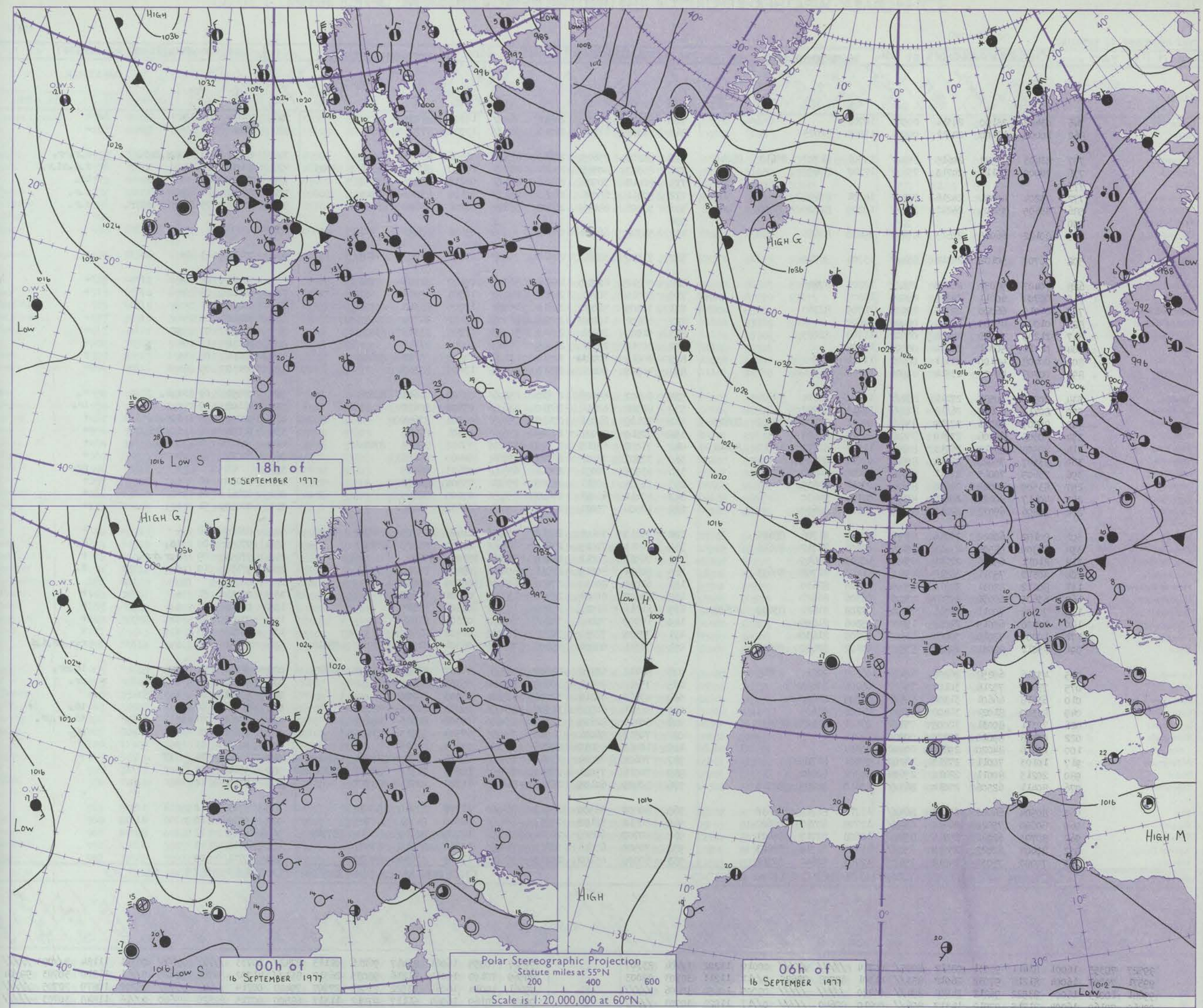
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15181	22306	98028	09711	21600	00110	/////	/////	05107	11184	30201	23007
L	99571	70202	15184	71117	97032	26012	6533/	00511	83708	86630	0//11	11212	30703	20004
M	99662	10013	15184	63524	97028	20308	22560	00228	/////	/////	05004	10842	30907	/////
R	99470	70170	15184	81314	97032	15617	884//	00619	83816	88640	0//16	11828	30703	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 16 SEPTEMBER 1977

During the past 24 hours, a ridge of high pressure, extending southwards from a high centred over Iceland, covered most of the British Isles. A weak cold front moved slowly southwards from central Scotland to southern Britain. During the next 24 hours the ridge of high pressure will persist over the British Isles, whilst the cold front will clear all districts.

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

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

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	03402	25100	24511	00900	10706			
Hurn	862	10000	18100	24211	00901	11805	81075		
Manston	797	83403	40582	24615	853//	13501	81707	85613	88645
Gatwick	776	70000	15111	24713	758//	12702	87657		
Kew	775								
Heathrow	772	73204	45051	24216	757//	14001	87656		
Honington	586	83605	35605	26211	852//	10209	82705	88630	
Wattisham	590								
Gorleston	497	80122	66025	25613	856//	09400	88630		
Aberporth	502	80707	50102	25314	864//	13704	88710		
Filton	628	70407	58051	25113	755//	12805	87620		
Rhoose	715	00704	60011	24912	00900	11805			
Hartland Point	703	21010	66020	24015	20930	12709	82360		
Mount Batten	827	01002	45100	23913	00900	12607			
St. Mawgan	817	21205	56050	24113	00902	11710	82075		
Scilly	804	00711	50011	23214	00900	13708			
Culdrose	809	00408	40100	23411	00900	11714			
Guernsey	894	00708	40100	23514	00900	13704			
Elmdon	534	80509	50581	27111	852//	10212	86704	88614	
Cardington	559	80414	60602	26312	873//	12213	88707		
Wittering	462	80207	62586	27310	852//	09211	82705	85709	88620
Watnall	354	80308	68206	27710	855//	09005	88622		
Shawbury	414	80808	50512	26413	853//	11501	82707	85710	88614
Finningley	360	83507	75026	27811	855//	07002	88625		
Spurn Point	396	73609	70015	27011	4567/	06001	84630	87460	
Leeming	257	83509	66025	28610	856//	07001	88635		
Tynemouth	262	40117	80021	29110	45600	07101	84630		
Carlisle	222	80806	65022	28310	856//	07104	88630		
Valley	302	80102	60022	25914	853//	12808	81706	88614	
Ringway	334	80809	58506	27411	854//	09206	81712	88616	
Squires Gate	318	81011	65216	27111	854//	10105	88615		
Ronaldsway	204	40310	75011	26514	45300	11400	81708	84633	
Mull of Galloway	131	80812	82031	27812	856//	09305	88630		
Eskdalemuir	162	63605	60056	29507	655//	06306	86620		
Prestwick	135	70808	70011	28511	755//	07208	81622	83630	87638
Abbotsinch	140	10406	65015	29008	15700	05306	81656		
Leuchars	171	10000	75010	30004	15600	02209	81630		
Dyce	091	83011	82031	29407	855//	04102	82620	88625	
Lerwick	005	43516	60258	26806	48400	06207	82811	83618	
Wick	075	73410	75216	30107	755//	06206	87623		
Sule Skerry	010	63418	66601	31308	655//	06005	86620		
Cape Wrath	049	83309	81021	31408	855//	03203	88625		
Stornoway	026	70311	80031	32009	755//	06101	82625	87635	
Benbecula	022	00408	89020	32205	00900	04205			
Tiree	100	00416	84020	29609	00900	05304			
Aldergrove	917	10103	70011	27710	16200	09001	81705		
Malin	980	20213	80011	28412	25600	09802	82632		
Belmullet	976	80411	62506	27014	863//	13610	84709	88716	
Birr	965	80504	66022	25913	864//	12711	86711	88630	
Dublin	969	80000	75022	26414	854//	12709	83717	88620	
Shannon	962	80703	62022	25714	854//	12608	82717	88621	
Roches Point	952	80402	62022	25514	854//	11703	81716	88623	
Valentia	953	70000	75032	24813	2563/	12704	82642	87362	

OBSERVATIONS at 06h. 16 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80613	60051	24811	862//	10305	88704		
Hurn	862	80305	17101	24013	862//	13500	83705	88706	
Manston	797	80210	75605	25112	855//	09306	85620	88635	
Gatwick	776	80507	40585	25611	872//	10310	81704	86706	88709
Kew	775	80410	70502	26411	873//	08215	84708	88712	
Heathrow	772	80411	65026	25912	854//	09109	85710	88615	
Honington	586	53506	68016	26307	55601	06201	83640	83657	
Wattisham	590								
Gorleston	497	53308	66022	25610	55600	05400	85630		
Aberporth	502	71507	30102	24514	754//	13701	82710	87618	
Filton	628	80812	62012	25611	863//	09107	82706	88708	
Rhoose	715	80712	30101	24912	862//	12306	88703		
Hartland Point	703	30909	56050	23613	10931	12005	81360	83075	
Mount Batten	827	60808	18101	23314	46339	13102	84709	84178	
St. Mawgan	817	51009	20051	23113	30932	12705	83362	83075	
Scilly	804	80712	20101	21815	7641/	14708	87710		
Culdrose	809	80611	09464	22514	851//	14606	85702	88640	
Guernsey	894	40907	50101	22413	30932	13604	83360		
Elmdon	534	80607	68026	27510	854//	05202	81615	88624	
Cardington	559	80308	62216	26710	856//	09302	88630		
Wittering	462	70108	81036	27410	756//	06302	87645		
Watnall	354	70310	81022	27809	756//	05301	87645		
Shawbury	414	71008	68015	27110	754//	05102	82618	87620	
Finningley	360	33306	78021	28007	35601	04400	83635		
Spurn Point	396	63505	70031	27011	655//	03603	86625		
Leeming	257	23308	80011	28705	25601	03804	82632		
Tynemouth	262	83412	66021	29107	855//	05005	88625		
Carlisle	222	10806	75021	28904	15601	02801	81630		
Valley	302	70713	30101	25112	752//	11602	83705	84620	87635
Ringway	334	70711	72015	27610	785//	04202	81820	87628	
Squires Gate	318	70914	80012	28010	75[illegible]//	05305	87630		
Ronaldsway	204	80811	80015	27011	854//	08400	85710	88618	
Mull of Galloway	131	61020	80012	27909	656//	05305	86630		
Eskdalemuir	162	13507	80021	29903	15501	01601	81627		
Prestwick	135	11011	81021	29804	15530	03309	81625		
Abbotsinch	140	10707	70020	30205	00901	02305	81078		
Leuchars	171	72608	70031	30203	755//	01502	87622		
Dyce	091	73311	68806	29607	783//	06301	81706	83712	85818
Lerwick	005	83412	68808	28607	883//	07207	82708	83812	88625
Wick	075	33408	80151	30705	38440	05304	82818		
Sule Skerry	010	43612	66216	32008	42500	06303	84820		
Cape Wrath	049	80511	60502	31907	854//	06204	82715	88620	
Stornoway	026	80414	82605	32208	854//	07302	82616	88626	
Benbecula	022	70512	86031	31509	784//	07503	83813	87625	
Tiree	100	10412	89030	29806	15501	03304	81625		
Aldergrove	917	70607	70024	27911	754//	09306	83710	85713	86620
Malin	980	70916	75021	27813	784//	10204	81712	83818	86632
Belmullet	976	80409	64105	26113	864//	11702	82711	88717	
Birr	965	80807	56505	25013	864//	11706	87710	88630	
Dublin	969	80812	32102	25713	861//	12000	84701	87703	
Shannon	962	80707	60505	24314	863//	12709	82709	83714	87717
Roches Point	952	70508	65016	23814	764//	13610	85710	87627	
Valentia	953	60000	65102	23213	35602	11608	83630	84070	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00100	06	+	+
Hurn	862	00090	07	+	+
Manston	797	02121	11	d.r.drd.	d.r.-r.
Gatwick	776	92101	09	+	d.d.dd.r.
Kew	775	97110	08	+	id.
Heathrow	772	97100	10	+	d.r.
Honington	586	02071	05	drd.r.rdir.	d.r.
Wattisham	590				
Gorleston	497				
Aberporth	502	00130	13	+	+
Filton	628	00110	08	+	+
Rhoose	715	00110	08	+	+
Hartland Point	703	00120	11		
Mount Batten	827	00120	09	+	+
St. Mawgan	817	00120	08	jf	+
Scilly	804	00130	12	+	+
Culdrose	809	00111	08	+	f
Guernsey	894	00130	09	+	+
Elmdon	534	97090	09	d.r.	r.
Cardington	559	92100	09	r.	ir.
Wittering	462	97090	09	d.r.d.	+
Watnall	354	91090	08	d.r.id.	+
Shawbury	414	97100	08	d.d.d	+
Finningley	360	00070	03	+	+
Spurn Point	396			+	pr.
Leeming	257	00050	03	+	+
Tynemouth	262	00061	05	+	+
Carlisle	222	00030	51	+	+
Valley	302	00120	10	+	+
Ringway	334	97090	09	id.	d.
Squires Gate	318	97090	09	d.r.d.r.	+
Ronaldsway	204	97110	10	d.	d.
Mull of Galloway	131	00080			
Eskdalemuir	162	00011	51	+	+
Prestwick	135	00041	02	+	+
Abbotsinch	140	97031	52	ir.	+
Leuchars	171	00010	53	+	+
Dyce	091	93051	02	r.	r.r.pr.d.d
Lerwick	005	92061	04	pr.	id.pr.
Wick	075	97051	02	ir.d.r.	pr.
Sule Skerry	010	93061	06		
Cape Wrath	049	01062	06	+	id.
Stornoway	026	97061	04	+	id.ir.pr.
Benbecula	022	97041	01	+	pr.
Tiree	100	00051	03	+	+
Aldergrove	917	00081	04	iff	+
Malin	980	9711	08		
Belmullet	976	9713	12		
Birr	965	9713	12		
Dublin	969	9712	10		
Shannon	962	9713	12		
Roches Point	952	9713	13		
Valentia	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16001	81411	98031	08512	8095/	00714	/////	/////	00010	11202	3//04	23/07
L	99571	70203	16004	81218	97032	26912	853//	41301	82708	88625	0/11	11211	30703	22003
M	99661	10013	16004	83522	96812	24808	894//	00220	/////	/////	05005	10854	30806	/////
R	99469	70169	16004	81215	97012	14317	856//	00810	88640	/////	0/17	11828	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16061	81417	96216	02113	8742/	00733	/////	/////	00311	11184	3//09	/////
L	99569	70199	16064	81216	98035	26512	853//	41702	84708	88625	0/11	11210	30703	99/04
M	99661	10014	16064	73522	97028	27907	79400	00214	/////	/////	05202	10879	30705	/////
R	99470	70169	16064	61117	97012	11517	68500	00715	82820	85640	0/16	11848	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, Bracknell

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42303

Date of Issue SATURDAY 17 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 16 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80608	57586	26909	853//	08307	83707	85612	88618
Hurn	862	80608	50515	26210	853//	09109	82706	85708	88610
Manston	797	33612	84016	25715	18501	07002	81825		
Gatwick	776	70407	70016	26712	785//	06101	81820	87640	
Kew	775	40206	70025	27214	48600	05400	83830		
Heathrow	772	40508	68016	26814	48500	06000	82820	83650	
Honington	586	73608	84801	26912	785//	08303	82825	86630	
Wattisham	590								
Gorleston	497	60116	66038	26313	685//	05002	82825	86630	
Aberporth	502	81306	61052	26213	854//	09109	83619	88633	
Filton	628	80712	65012	27411	854//	07207	81710	88618	
Rhoose	715	80714	65022	26611	854//	08207	88612		
Hartland Point	703	80815	56051	24315	855//	13302	88620		
Mount Batten	827	80913	30052	24215	863//	14205	85706	88710	
St. Mawgan	817	71112	58052	23318	20938	13301	82362	87275	
Scilly	804	70813	50022	22517	6633/	16301	86709		
Culdrose	809	70813	15054	23316	6623/	15002	82704	86706	87360
Guernsey	894	70611	66021	23318	11478	13001	81815	87275	
Elmdon	534	40408	68016	28213	18601	04801	81832	83075	
Cardington	559	50411	80022	27415	31501	07801	81820	83830	85080
Wittering	462	60309	81031	27913	685//	05601	81825	86640	
Watnall	354	50311	82031	28413	51501	05000	85825		
Shawbury	414	30708	73011	28014	35700	04806	83650		
Finningley	360	73509	70021	28612	785//	05701	83820	87635	
Spurn Point	396	53612	75158	27912	52500	07102	85825		
Leeming	257	73306	68258	29711	784//	06202	81814	85620	85635
Tynemouth	262	63320	81022	30110	3557/	08106	83625	86358	
Carlisle	222	80405	81031	30111	854//	06101	81715	85624	88628
Valley	302	60717	70012	26915	35408	08207	81616	83650	86275
Ringway	334	10510	81011	28713	11601	03602	81835		
Squires Gate	318	30810	84031	29215	21601	06602	82830		
Ronaldsway	204	50812	84031	29112	38502	06106	83820	83075	
Mull of Galloway	131	41120	80021	29911	21501	05205	82825	83070	
Eskdalemuir	162	70111	82011	30509	755//	04003	82622	87630	
Prestwick	135	70812	84021	31211	756/1	05400	87630		
Abbotsinch	140	30708	86030	31212	38501	03500	83825		
Leuchars	171	70313	86032	31211	785//	05302	82622	87628	
Dyce	091	70114	82028	31310	754//	05208	81710	87628	
Lerwick	005	73613	70028	31110	755//	04207	81622	87632	
Wick	075	70109	81158	32411	784//	06107	83818	83625	86640
Sule Skerry	010	73612	66151	34110	785//	07108	82820	87625	
Cape Wrath	049	50507	80018	33709	48531	06207	82820	84625	85360
Stornoway	026	50612	81018	33510	58530	07002	83820		
Benbecula	022	50517	89018	33111	55502	08103	85625		
Tiree	100	11705	87030	31612	15400	05104	81618		
Aldergrove	917	30711	82021	29712	28501	04003	81820	83075	
Malin	980	31117	84021	30011	18501	05106	81820		
Belmullet	976	70611	78015	26815	754//	13102	83719	87637	
Birr	965	80711	62022	26314	863//	10307	86708	88710	
Dublin	969	80616	62102	27613	864//	09107	85714	88622	
Shannon	962	80708	64102	25115	864//	13500	83711	86715	88625
Roches Point	952	70714	59052	24516	6643/	14302	83716	85635	85360
Valentia	953	70503	70032	23118	22502	13805	82822	87070	

OBSERVATIONS at 18h. 16 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	40308	63026	25613	35801	05502	83657		
Hurn	862	60105	60015	25512	656//	09603	86635		
Manston	797	70113	85021	24813	744//	07603	82818	83626	86638
Gatwick	776	70408	62031	25813	756//	06303	81630	87645	
Kew	775	70312	60021	26613	786//	07305	81835	87645	
Heathrow	772	70113	62031	26313	68601	07306	81835	86645	
Honington	586	73510	80038	26212	785//	05701	82820	86635	
Wattisham	590								
Gorleston	497	63515	66018	25813	655//	04400	86620		
Aberporth	502	71211	70032	26513	755//	08304	81625	87656	
Filton	628	70405	60052	26312	45631	09603	84645	83075	
Rhoose	715	70603	68015	26411	7853/	08301	81820	87635	
Hartland Point	703	80812	60052	24911	855//	10204	88620		
Mount Batten	827	80813	62022	24712	853//	10104	83709	88625	
St. Mawgan	817	71115	58052	23914	36378	11101	83708	87270	
Scilly	804	70923	56022	22415	6637/	14101	86706		
Culdrose	809	80716	30102	23913	861//	12204	85702	88703	
Guernsey	894	80713	68032	23414	854//	11101	85710	88645	
Elmdon	534	60409	66021	28011	55602	06205	85635		
Cardington	559	70310	60052	27212	785//	07104	82826	87645	
Wittering	462	70106	62042	27611	756//	06400	87645		
Watnall	354	70208	70022	27911	756//	05101	87632		
Shawbury	414	30608	68011	28012	35701	06308	83650		
Finningley	360	73407	70032	28412	785//	05400	82820	87630	
Spurn Point	396	70111	75258	27612	785//	07501	82820	87630	
Leeming	257	70113	86022	29711	785//	05500	81820	87635	
Tynemouth	262	80520	80028	30611	855//	09102	88625		
Carlisle	222	70607	83022	30511	755//	05306	82624	87635	
Valley	302	20715	80021	27413	15701	07206	81650		
Ringway	334	70610	70021	28811	784//	05302	81818	87628	
Squires Gate	318	70710	82011	29411	785//	06207	81825	87635	
Ronaldsway	204	70714	84031	29012	685/1	06301	81825	86633	
Mull of Galloway	131	70920	86031	30011	68501	05301	85825		
Eskdalemuir	162	70110	84022	31209	756//	05305	87630		
Prestwick	135	20705	84011	31311	28501	06301	81828		
Abbotsinch	140	30907	82021	31112	38501	06500	81825	83636	
Leuchars	171	70211	83022	31911	755//	03207	84626	87630	
Dyce	091	73511	80021	32109	785//	04207	82822	87635	
Lerwick	005	73612	75022	32408	755//	04207	87625		
Wick	075	70313	82022	33409	784//	05306	82818	87635	
Sule Skerry	010	73612	74022	34809	785//	04204	84820	87625	
Cape Wrath	049	70512	81022	34209	755//	04203	87625		
Stornoway	026	50714	81021	34010	58500	08304	81822	85635	
Benbecula	022	10616	89021	32810	18402	09302	81818		
Tiree	100	10000	89010	31412	15601	06400	81635		
Aldergrove	917	70908	89031	30111	754//	05201	81618	87624	
Malin	980	41117	86031	30111	24502	05201	82626	83075	
Belmullet	976	50610	78012	26814	554//	11302	82719	84637	
Birr	965	80710	62022	26713	854//	08207	83716	88632	
Dublin	969	50712	80012	28311	25502	05103	81628	85070	
Shannon	962	80909	57505	25315	864//	12304	84710	88715	
Roches Point	952	80813	50102	24915	864//	13206	81711	85714	
Valentia	953	70806	65032	23117	7097/	13203	87365		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97130	006	r.d.r.d.	+
Hurn	862	97130	000	d.d.	+
Manston	797	00150	054	+	+
Gatwick	776	00150	045	+	+
Kew	775	00160	059	+	+
Heathrow	772	00160	049	+	+
Honington	586	97130	031	pr.	+
Wattisham	590				
Gorleston	497		029		
Aberporth	502	00140	001	+	+
Filton	628	00130	005	+	+
Rhoose	715	97120	000	d.	+
Hartland Point	703	00150	004		
Mount Batten	827	00160	000	+	+
St. Mawgan	817	00190	036	+	+
Scilly	804	00180	019	+	+
Culdrose	809	97161	000	+	1d.
Guernsey	894	00180	034	+	+
Elmdon	534	00150	056	+	+
Cardington	559	00160	051	+	+
Wittering	462	00130	039	+	+
Watnall	354	00130	042	+	+
Shawbury	414	00150	042	+	+
Finningley	360	00120	019	+	+
Spurn Point	396			+	pr.
Leeming	257	97120	005	pr.	+
Tynemouth	262	97121	023	pr.	+
Carlisle	222	00120	010	+	+
Valley	302	00150	064	+	+
Ringway	334	00140	059	+	+
Squires Gate	318	00160	062	+	+
Ronaldsway	204	00140	085	+	+
Mull of Galloway	131	00120			
Eskdalemuir	162	00101	009	+	+
Prestwick	135	00131	060	+	+
Abbotsinch	140	00140	090	+	+
Leuchars	171	00130	019	+	+
Dyce	091	97121	036	d.r.	+
Lerwick	005	00101	000	+	+
Wick	075	00111	026	jp	+
Sule Skerry	010	00110			
Cape Wrath	049	97101	038	1d.pr.	+
Stornoway	026	97111	086	pr.	+
Benbecula	022	00121	074	+	+
Tiree	100	00131	113	+	+
Aldergrove	917	00131	082	+	+
Malin	980	0014	008		
Belmullet	976	9717	011		
Birr	965	9715	000		
Dublin	969	9713	012		
Shannon	962	9717	000		
Roches Point	952	0017	003		
Valentia	953	0022	053		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

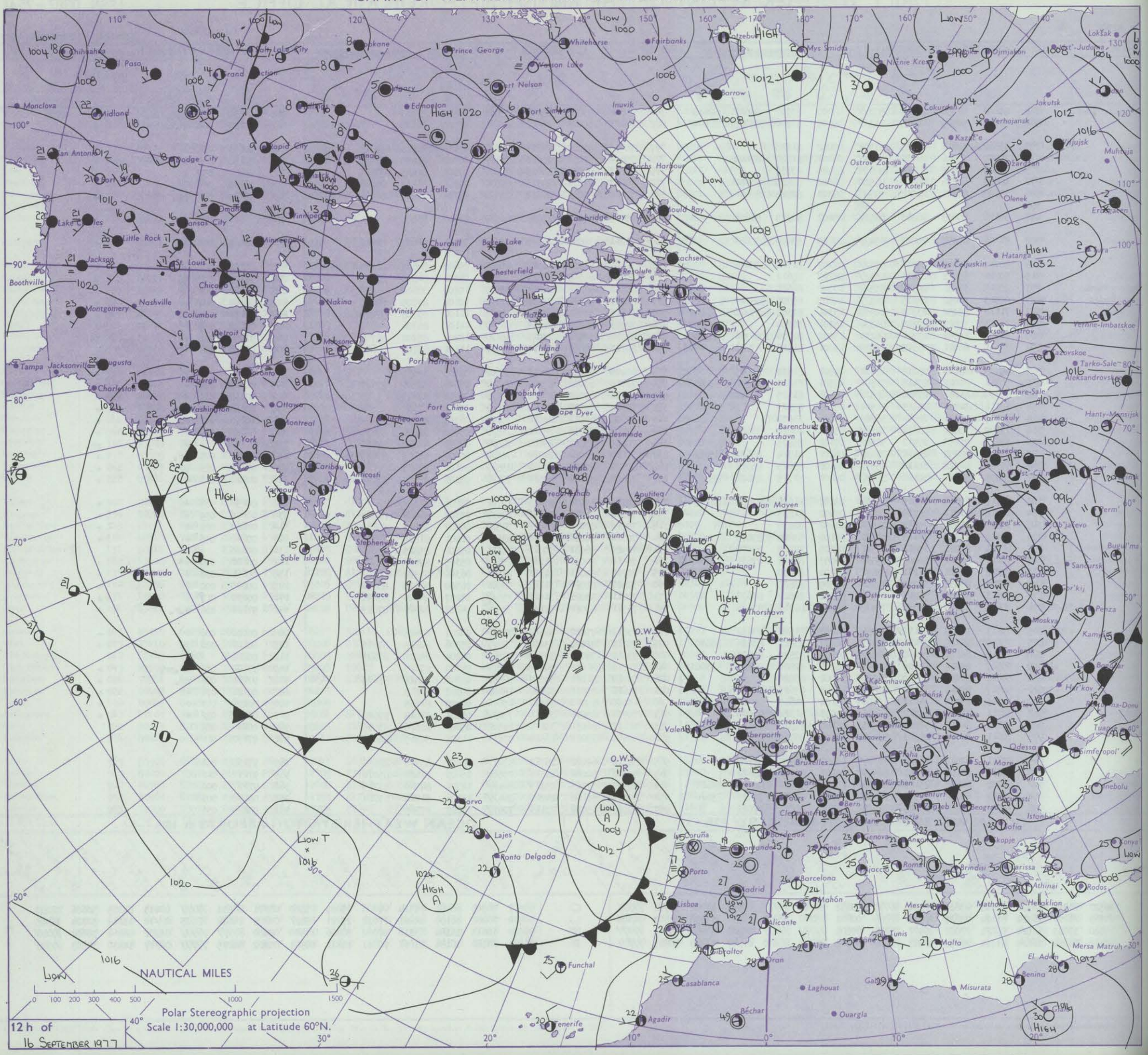
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16121	91418	93616	96214	9////	00633	89/10	/////	00414	11202	30911	/////
L	99569	70200	16124	81124	98025	26512	853//	00801	83708	88625	0//1[illegible]	11230	30803	14906
M	99660	10013	16124	73621	97022	30407	75500	00209	/////	/////	05202	10867	30705	/////
R	99470	70168	16124	81114	96032	12417	884//	00308	81813	88630	0//17	11829	30803	/////

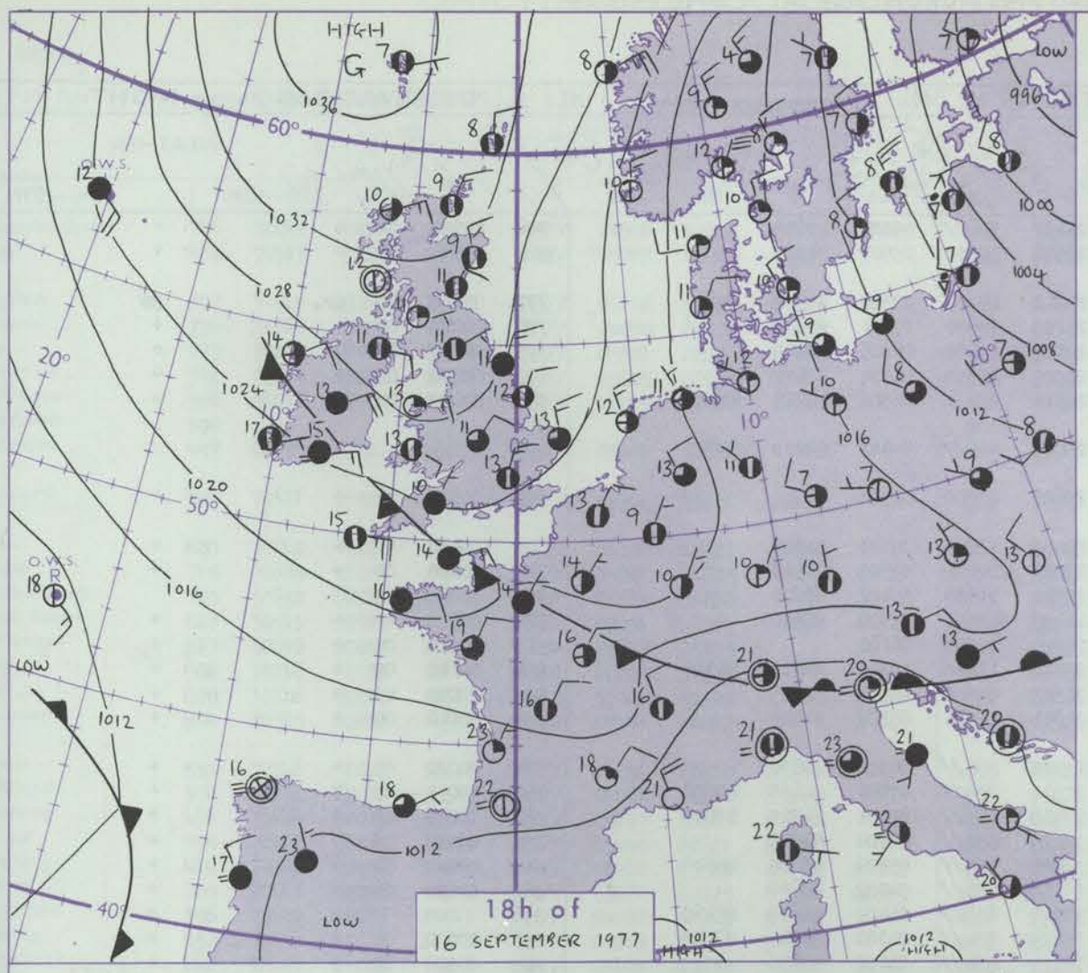
OCEAN WEATHER STATION REPORTS at 18h.

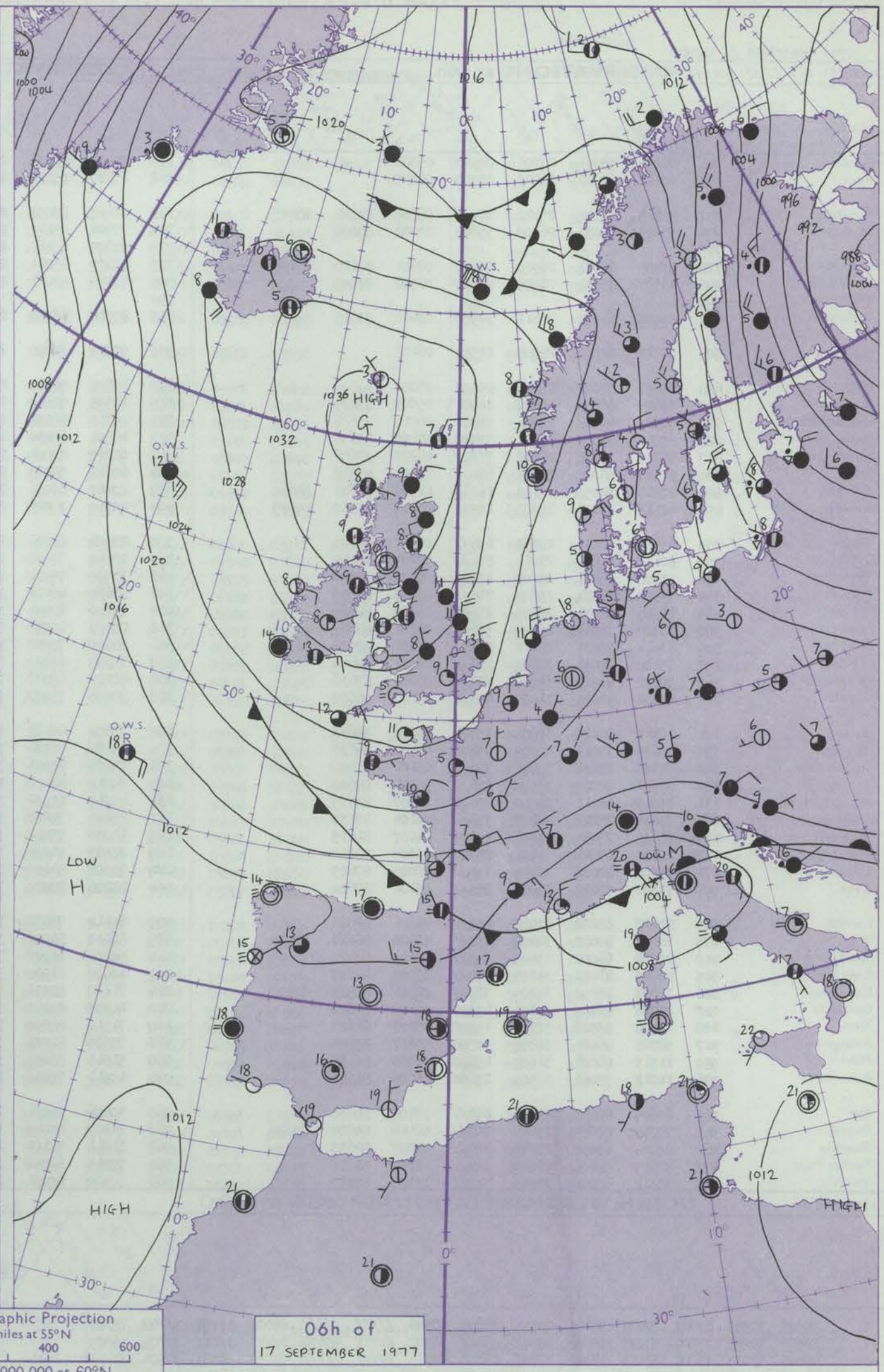
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16181	71514	94106	93813	75500	00701	87621	/////	00413	11175	30606	18210
L	99570	70202	16184	81221	97012	25711	854//	00705	84618	88625	0//10	11219	30704	16905
M	99660	10013	16184	63216	97022	30806	11570	00400	/////	/////	05202	10864	30604	/////
R	99471	70169	16184	11217	96011	11818	00901	00202	81075	/////	0//17	11830	30803	/////

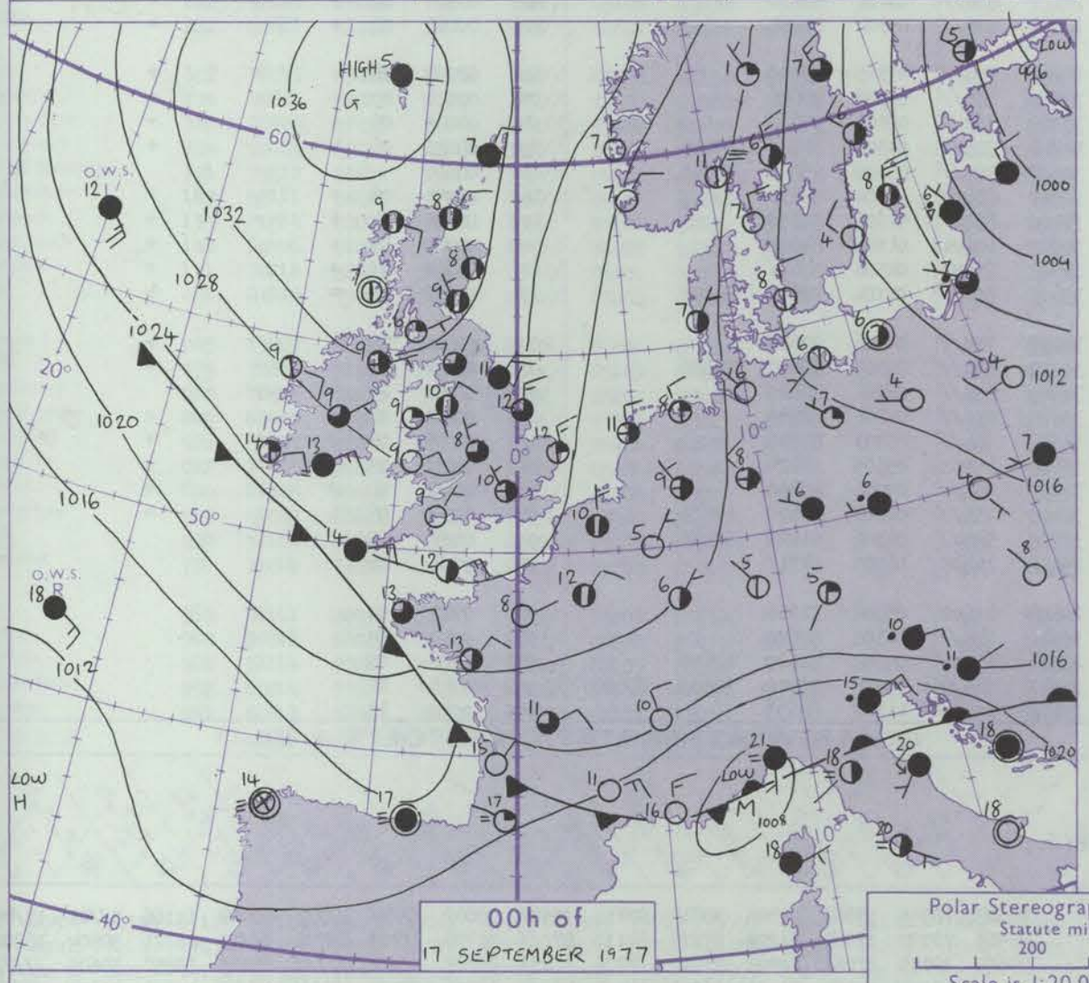
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 **SATURDAY 17 SEPTEMBER 1977**

During the past 24 hours an anticyclone near Iceland moved slowly south and a ridge of high pressure extending southwards covered the British Isles. A weak trough over southern districts moved south into the English Channel and northern France. During the next 24 hours, a ridge of high pressure from the anticyclone near the Faeroes will persist over the British Isles.

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

Code FM 11.V

OBSERVATIONS at 00h. 17 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	00206	58051	27306	00900	05003			
Hurn	862	00207	62021	26807	00900	06205			
Manston	797	83515	81032	25112	884//	06801	84818	88645	
Gatwick	776	53503	65031	26809	55700	05002	85650		
Kew	775								
Heathrow	772	53405	63031	26910	55600	07801	82635	83650	
Honington	586	43507	75031	26509	45600	06500	84645		
Wattisham	590								
Gorleston	497	33514	66258	25612	32500	07400	83825		
Aberporth	502	00710	62021	28809	00900	06108			
Filton	628	00407	57051	28207	00900	05004			
Rhoose	715	30605	66031	28007	00901	05007	83075		
Hartland Point	703	50920	69022	26611	55500	06010	85620		
Mount Batten	827	30812	70011	25811	35700	07105	83656		
St. Mawgan	817	70705	70012	26012	757//	08207	87656		
Scilly	804	80817	58022	24314	864//	12006	88710		
Culdrose	809	80614	58055	25113	1633/	11304	81708	88360	
Guernsey	894	40613	82021	24612	10932	05002	81360	84075	
Elmdon	534	63506	66031	29308	656//	05001	86643		
Cardington	559	80110	65031	27911	856//	07101	88648		
Wittering	462	23408	66011	28209	25600	06500	82640		
Watnall	354	73508	66031	29209	756//	06003	87635		
Shawbury	414	23507	68031	29505	25600	03400	82635		
Finningley	360	53307	75011	29109	55600	06801	85635		
Spurn Point	396	63614	75031	28112	2557/	07301	82625	86360	
Leeming	257	73108	75031	30309	756//	06001	87640		
Tynemouth	262	70222	80022	31011	756//	08801	87630		
Carlisle	222	60302	70031	31607	656//	05105	86637		
Valley	302	20810	70020	30009	15601	04206	81630		
Ringway	334	40105	75011	30009	45600	06400	84630		
Squires Gate	318	70308	75031	30810	756//	05101	87646		
Ronaldsway	204	80911	80022	31010	856//	03108	88640		
Mull of Galloway	131	20915	86011	31810	25600	03207	82630		
Eskdalemuir	162	73606	75022	32207	756//	04104	87630		
Prestwick	135	20605	75031	33106	25600	04107	81635		
Abbotsinch	140	20104	65041	33406	25700	03209	82650		
Leuchars	171	73406	80022	33209	755//	02003	87625		
Dyce	091	73307	75012	33208	755//	05101	87624		
Lerwick	005	80112	65022	32907	855//	04801	88625		
Wick	075	70210	80022	34408	755//	03400	86624	87630	
Sule Skerry	010	80210	66022	35809	855//	04103	88625		
Cape Wrath	049	80910	81032	34809	855//	03203	88625		
Stornoway	026	71008	80032	34709	785//	05101	81825	87637	
Benbecula	022	10906	86030	33806	15500	05107	81620		
Tiree	100	10000	89020	32707	15500	05207	81625		
Aldergrove	917	50703	86021	31809	55500	03207	85624		
Malin	980	11313	86021	31508	15600	04005	81635		
Belmullet	976	11012	75011	28509	15600	06106	81640		
Birr	965	60605	66032	28809	656//	07105	86636		
Dublin	969	70913	80021	29612	755//	06110	84624	87628	
Shannon	962	80808	65055	27212	856//	08007	88635		
Roches Point	952	80615	58106	26413	864//	11104	88710		
Valentia	953	30812	60051	24714	00902	12106	83070		

OBSERVATIONS at 06h. 17 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70208	62031	27107	756//	05302	87635		
Hurn	862	13605	65030	26506	10930	05503	81360		
Manston	797	63619	82038	24212	684//	07502	81816	84635	
Gatwick	776	33606	65011	26209	35600	07501	83645		
Kew	775	23609	68011	27109	25630	06500	82640		
Heathrow	772	23609	65011	26909	25630	06304	82640		
Honington	586	73310	82011	26310	784//	06500	81818	87640	
Wattisham	590								
Gorleston	497	83516	66028	25013	885//	04602	84820	88625	
Aberporth	502	00905	70020	29607	00900	05304			
Filton	628	10608	57050	28405	15600	04303	81645		
Rhoose	715	10508	64030	28207	11401	05305	81812		
Hartland Point	703	20712	66031	27510	21500	07102	82820		
Mount Batten	827	10808	62030	26807	15501	05307	81620		
St. Mawgan	817	00810	80021	26607	00900	04102			
Scilly	804	60617	58022	25312	15430	10305	81617	86360	
Culdrose	809	20407	60051	26308	25500	06305	82625		
Guernsey	894	20510	78020	24611	11501	05302	81828		
Elmdon	534	83506	64031	29308	856//	06302	88636		
Cardington	559	73610	73031	27510	756//	07301	84635	87650	
Wittering	462	73509	75031	27910	785//	05501	81820	87640	
Watnall	354	83609	66021	29209	855//	04204	88628		
Shawbury	414	70110	62041	30008	755//	05304	85628	86640	
Finningley	360	83408	80032	29210	856//	04302	88630		
Spurn Point	396	83620	75022	27811	6552/	04400	86625	88460	
Leeming	257	73308	82022	30609	784//	04304	81818	87640	
Tynemouth	262	80124	69022	31211	856//	06102	88630		
Carlisle	222	80406	75022	32009	856//	05304	88632		
Valley	302	70604	80021	30710	756//	07305	87630		
Ringway	334	70107	70031	30209	755//	05303	87628		
Squires Gate	318	70106	80021	31209	756//	05303	87638		
Ronaldsway	204	70310	82021	31710	785//	04306	81820	87631	
Mull of Galloway	131	80817	82031	32509	885//	03309	85820	86630	
Eskdalemuir	162	83606	70022	32507	856//	03304	88630		
Prestwick	135	10000	75020	34100	15701	51306	81650		
Abbotsinch	140	22303	81031	34002	15601	01305	81640		
Leuchars	171	73508	81022	33608	755//	04306	87624		
Dyce	091	83208	80032	33608	854//	04304	82619	88622	
Lerwick	005	70112	75022	34107	755//	04306	87625		
Wick	075	80410	81022	34909	855//	05305	83625	88630	
Sule Skerry	010	80207	66022	35909	855//	04301	88625		
Cape Wrath	049	80908	81022	35308	855//	04101	88625		
Stornoway	026	71107	82031	35308	756//	05303	87635		
Benbecula	022	10707	84110	34603	15502	03305	81620		
Tiree	100	71510	88030	33709	756//	07206	87630		
Aldergrove	917	70506	81021	32409	755//	04206	81620	87625	
Malin	980	51311	86031	32709	585//	04308	81829	85635	
Belmullet	976	10911	75030	29108	16400	06203	81717		
Birr	965	30606	66031	29608	15602	05308	81636		
Dublin	969	71009	80012	30711	755//	04308	87628		
Shannon	962	61011	58101	28311	6553/	09208	81620	85640	
Roches Point	952	70813	62012	28013	764//	09311	85715	83635	87650
Valentia	953	80000	60051	26114	856//	11312	88635		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00050	01	+	+
Hurn	862	00050	03	+	+
Manston	797	97110	10	pr.	jp
Gatwick	776	00070	03	+	+
Kew	775	00080	03	+	+
Heathrow	772	00090	05	+	+
Honington	586	00070	04	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00070	02	+	+
Filton	628	00050	51	+	+
Rhoose	715	00050	02	+	+
Hartland Point	703	00090	07		
Mount Batten	827	00070	03	+	+
St. Mawgan	817	00070	04	+	+
Scilly	804	00110	09	+	+
Culdrose	809	00070	05	+	+
Guernsey	894	00110	09	+	+
Elmdon	534	00070	03	+	+
Cardington	559	00080	05	+	+
Wittering	462	00070	05	+	+
Watnall	354	00080	05	+	+
Shawbury	414	00040	51	+	+
Finningley	360	00090	06	+	+
Spurn Point	396			+	+
Leeming	257	00090	06	+	+
Tynemouth	262	00090	09	+	+
Carlisle	222	00060	02	+	+
Valley	302	00070	01	+	+
Ringway	334	00080	05	+	+
Squires Gate	318	00080	06	+	+
Ronaldsway	204	00080	06	+	+
Mull of Galloway	131	00080			
Eskdalemuir	162	00071	06	+	+
Prestwick	135	00001	54	+	+
Abbotsinch	140	00010	54	+	+
Leuchars	171	00080	07	+	+
Dyce	091	00071	07	+	+
Lerwick	005	00060	05	+	+
Wick	075	00081	06	+	+
Sule Skerry	010	00070	07		
Cape Wrath	049	00081	07	+	+
Stornoway	026	00071	06	+	+
Benbecula	022	00031	55	+	+
Tiree	100	00061	51	+	+
Aldergrove	917	00060	06	+	+
Malin	980	0007	05		
Belmullet	976	9708	06		
Birr	965	9707	04		
Dublin	969	0010	08		
Shannon	962	9711	05		
Roches Point	952	9713	12		
Valentia	953	0014	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17001	22207	98021	00511	28500	00159	/////	/////	05008	11154	3//02	18/09
L	99570	70202	17004	81225	98032	25812	854//	31302	84712	88630	0//10	11211	30704	16905
M	99659	10013	17004	83023	97022	29708	8077/	00711	/////	/////	05050	10864	30504	/////
R	99471	70169	17004	81016	96205	13918	882//	00003	85705	88630	0//17	11840	30803	/////

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	17061	21806	98018	00711	25500	00602	/////	/////	00009	11166	3//01	18/09
L	99569	70199	17064	81224	97215	24112	872//	31706	85703	88706	0//12	11221	30804	16804
M	99659	10015	17064	82928	97022	27708	1147/	00707	/////	/////	05105	10850	30605	/////
R	99471	70170	17064	71120	96032	14117	762//	00301	87705	/////	0//17	11828	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. 42304

Date of Issue SUNDAY 18 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 17 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	70212	84021	27912	785//	04801	82828	84635	87645
Hurn	862	70513	70031	27313	785//	05802	83825	86635	
Manston	797	73518	81258	25413	785//	06102	82828	87645	
Gatwick	776	70310	82031	27114	786//	04000	83830	85645	
Kew	775	70109	81021	28013	785//	05801	82825	87645	
Heathrow	772	73614	80011	27414	785//	05805	82826	87645	
Honington	586	73612	82252	27312	785//	06003	82822	87640	
Wattisham	590								
Gorleston	497	60122	66012	26413	655//	07101	86625		
Aberporth	502	70611	80021	30412	785//	05803	83822	87630	
Filton	628	70612	70021	29411	785//	06002	81823	87642	
Rhoose	715	70609	81031	29212	785//	05201	81825	87629	
Hartland Point	703	50622	82011	28712	42601	06301	84830		
Mount Batten	827	30813	82020	27515	38501	05801	81828	83635	
St. Mawgan	817	50610	80031	28113	51601	07602	85835		
Scilly	804	30716	78031	27014	32500	10204	83820		
Culdrose	809	30616	70010	27613	28509	07003	82822		
Guernsey	894	20515	82011	25615	28500	07101	81822		
Elmdon	534	70312	70022	30112	786//	04101	83830	87635	
Cardington	559	80313	62032	28513	886//	06001	84830	88645	
Wittering	462	73614	80032	28913	785//	05400	83825	87640	
Watnall	354	70212	70022	30112	785//	05400	82821	87638	
Shawbury	414	70212	73032	31011	785//	06802	83822	83630	87642
Finningley	360	80113	78022	30212	885//	05001	82825	83634	88645
Spurn Point	396	73620	70258	29013	785//	06002	82825	87630	
Leeming	257	70116	80022	31712	785//	05203	82825	87632	
Tynemouth	262	80124	69022	32511	7567/	08104	87630		
Carlisle	222	80611	81022	32811	855//	04601	82627	88635	
Valley	302	70713	83022	31514	756//	05803	82630	87636	
Ringway	334	70613	80022	30912	785//	04802	81820	87630	
Squires Gate	318	70310	82032	32012	785//	05602	81820	87635	
Ronaldsway	204	70709	82022	32811	756//	04400	87637		
Mull of Galloway	131	70812	83022	33411	756//	04802	87630		
Eskdalemuir	162	80111	80022	33309	856//	04501	88630		
Prestwick	135	70914	80021	34711	756/1	04601	82634	86645	
Abbotsinch	140	60706	81021	34512	685//	03702	81828	86638	
Leuchars	171	70212	82022	34511	755//	04201	87624		
Dyce	091	83612	75022	34510	855//	05202	88620		
Lerwick	005	13507	82011	34409	15601	05801	81636		
Wick	075	70306	82022	35810	755//	05103	81625	87630	
Sule Skerry	010	70505	74022	37011	755//	05203	87620		
Cape Wrath	049	61409	81012	36210	5553/	05202	85625	86360	
Stornoway	026	51307	83012	36110	55600	04201	84630	83656	
Benbecula	022	31005	82021	35312	25502	08201	82624		
Tiree	100	61505	88012	34813	685//	07202	83825	85645	
Aldergrove	917	51008	82021	33512	45501	03801	84627		
Malin	980	31116	86011	33911	28502	03203	81820		
Belmullet	976	31012	75030	30914	22402	08202	81718		
Birr	965	71111	80031	31313	756//	05203	87634		
Dublin	969	80712	82022	31812	6567/	03802	86635	86458	
Shannon	962	31114	70021	30515	32600	07105	83830		
Roches Point	952	60914	75011	30213	684//	05108	81818	86642	
Valentia	953	51215	58052	28217	52600	11207	85830		

OBSERVATIONS at 18h. 17 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	70306	80022	27412	786//	05101	81830	87645	
Hurn	862	60311	70011	27013	65600	06500	86638		
Manston	797	70118	80156	25214	784//	07101	81714	83822	87640
Gatwick	776	60206	68012	26613	686//	05601	81840	86650	
Kew	775	70112	62022	27613	757//	06500	87650		
Heathrow	772	60112	65012	27213	686//	06502	81830	86645	
Honington	586	73511	82032	27512	685/1	06302	81822	86632	
Wattisham	590								
Gorleston	497	53617	66012	26913	42501	07302	84825		
Aberporth	502	70512	80022	29911	756//	05601	87630		
Filton	628	70411	67032	28612	756//	05601	84642	86645	
Rhoose	715	30511	70011	28611	38501	04501	81824	83647	
Hartland Point	703	70618	74022	28210	72600	08803	87830		
Mount Batten	827	60708	75031	27413	65631	05301	86635		
St. Mawgan	817	40610	80021	27812	34641	05305	83640		
Scilly	804	60712	80021	26613	68500	06504	83820	86628	
Culdrose	809	60612	75031	27112	45630	06500	84640		
Guernsey	894	30513	81030	25513	31500	05500	83825		
Elmdon	534	70212	70022	29811	786//	04501	83831	87645	
Cardington	559	70316	62026	28412	756//	07500	87640		
Wittering	462	70210	70022	29012	786//	05303	81830	87645	
Watnall	354	70209	70022	30211	785//	06303	81820	87630	
Shawbury	414	70209	75022	30611	755//	06500	85628	87645	
Finningley	360	83610	70022	30611	855//	05303	83620	88630	
Spurn Point	396	73619	70038	29512	785//	06400	84825	87630	
Leeming	257	70215	82022	32011	785//	05301	81820	87627	
Tynemouth	262	70125	80022	32711	755//	09601	87625		
Carlisle	222	70404	83032	32811	755//	06400	81628	87634	
Valley	302	70209	78022	31212	785//	07703	81824	83628	86634
Ringway	334	70412	75022	30711	755//	05501	81628	87635	
Squires Gate	318	60408	80022	31712	685//	06701	84825	84640	
Ronaldsway	204	60409	80022	32111	58501	05706	81828	85640	
Mull of Galloway	131	60915	82012	32811	5553/	04806	85625		
Eskdalemuir	162	70109	80032	33309	756//	04603	87630		
Prestwick	135	10906	80011	34110	15601	05501	81640		
Abbotsinch	140	10903	80021	33712	00901	05702	81080		
Leuchars	171	10504	80021	34210	15602	06202	81630		
Dyce	091	73312	80012	34909	754//	05202	87617		
Lerwick	005	63607	82021	34507	30932	05302	83362	85072	
Wick	075	40207	83021	35908	15772	05301	81650		
Sule Skerry	010	70505	74022	36909	755//	05301	87625		
Cape Wrath	049	20909	81021	35809	25501	05400	82625		
Stornoway	026	10609	82011	35310	10931	08500	81360		
Benbecula	022	11202	84010	35211	15600	08302	81630		
Tiree	100	10304	88011	34310	15502	06400	81627		
Aldergrove	917	70706	84021	33211	754//	04705	81616	87622	
Malin	980	21015	86030	33511	15602	05503	81640		
Belmullet	976	31007	80010	30914	15602	08302	81638	83070	
Birr	965	50808	80012	31111	556//	06501	85636		
Dublin	969	70511	82022	31811	756//	04301	87630		
Shannon	962	30910	80010	30214	35602	06502	83640		
Roches Point	952	70713	75022	30112	756//	05301	87637		
Valentia	953	11011	75021	28914	15601	07204	81634		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00130	023	+	+
Hurn	862	00140	055	+	+
Manston	797	93151	020	pr.r.	pr.
Gatwick	776	00140	021	+	+
Kew	775	00140	004	+	+
Heathrow	772	00140	005	+	+
Honington	586	97140	014	pr.	+
Wattisham	590				
Gorleston	497		014		
Aberporth	502	00120	064	+	+
Filton	628	00130	035	+	+
Rhoose	715	00140	061	+	+
Hartland Point	703	00130	081		
Mount Batten	827	00150	095	+	+
St. Mawgan	817	00160	107	+	+
Scilly	804	00160	088	+	+
Culdrose	809	00150	091	+	+
Guernsey	894	00150	081	+	+
Elmdon	534	00120	000	+	+
Cardington	559	97140	003	ir.	ir.
Wittering	462	00130	005	+	+
Watnall	354	00130	000	+	+
Shawbury	414	00130	001	+	+
Finningley	360	00130	001	+	+
Spurn Point	396			ir.pr.	+
Leeming	257	00120	00[illegible]	+	+
Tynemouth	262	00110	001	+	+
Carlisle	222	00130	003	+	+
Valley	302	00140	011	+	+
Ringway	334	00130	007	+	+
Squires Gate	318	00140	013	+	+
Ronaldsway	204	00120	003	+	+
Mull of Galloway	131	00110			
Eskdalemuir	162	00101	004	+	+
Prestwick	135	00130	093	+	+
Abbotsinch	140	00140	094	+	+
Leuchars	171	00130	043	+	+
Dyce	091	00111	005	+	+
Lerwick	005	00110	076	+	+
Wick	075	00111	044	+	+
Sule Skerry	010	00110			
Cape Wrath	049	00110	052	+	+
Stornoway	026	00121	071	+	+
Benbecula	022	00131	099	+	+
Tiree	100	00131	063	+	+
Aldergrove	917	00130	083	+	+
Malin	980	0012	097		
Belmullet	976	0016	110		
Birr	965	9714	059		
Dublin	969	0013	001		
Shannon	962	9716	103		
Roches Point	952	0014	041		
Valentia	953	0017	044		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

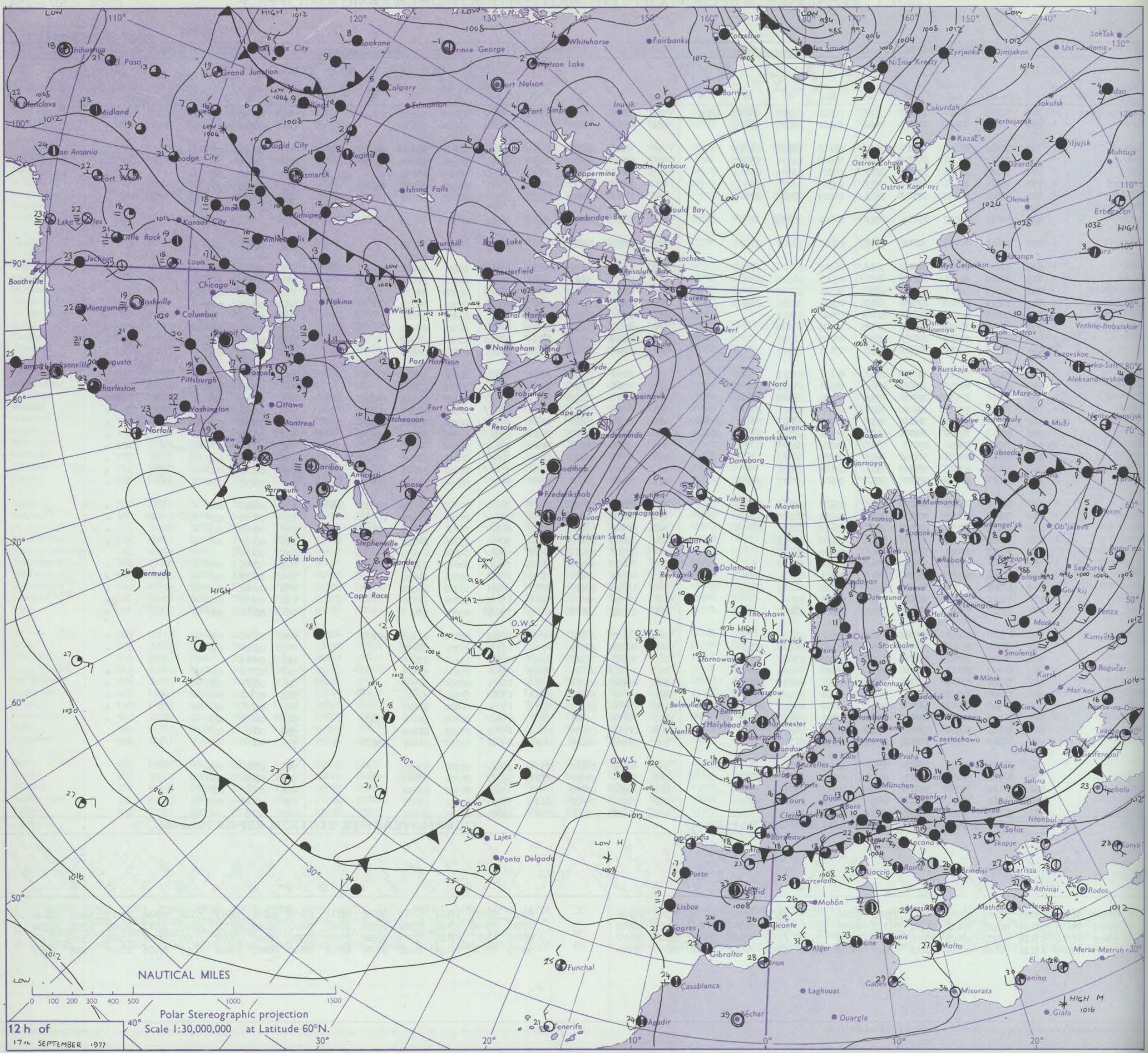
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	17121	32109	98020	02211	22540	00308	/////	/////	00008	11199	30302	20208
	99569	70198	17124	81322	97032	24712	3637/	00208	83706	88361	0//12	11216	30805	10805
	99658	10016	17124	82922	97022	27808	8077/	00303	/////	/////	05105	10884	30605	/////
	99470	70169	17124	81124	96016	16118	854//	00109	84710	88620	0//15	11800	30803	26904

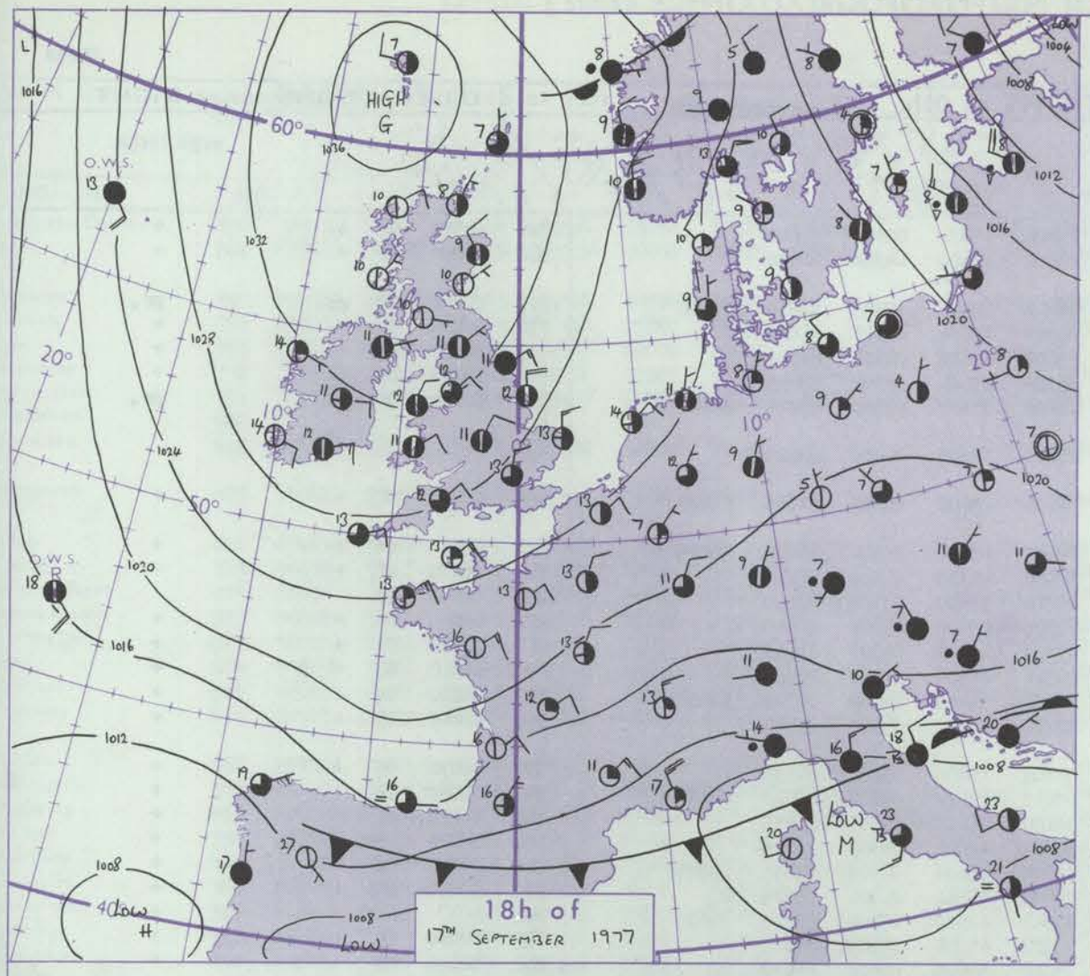
OCEAN WEATHER STATION REPORTS at 18h.

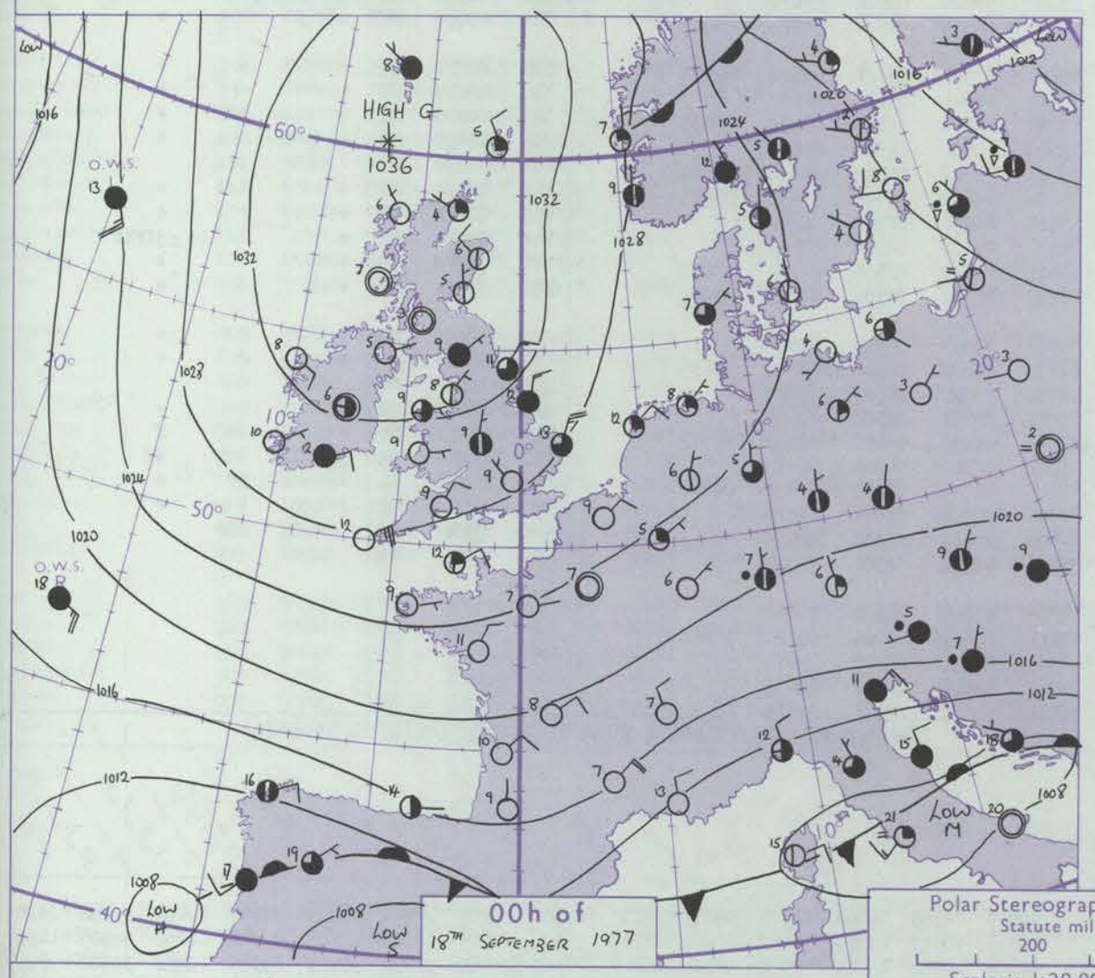
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	17181	61710	98258	03111	33450	00101	/////	/////	05108	11215	30403	20108
	99569	70199	17184	81322	96032	23412	862//	00608	88705	/////	0//12	11237	30805	09804
	99657	10017	17184	72920	97022	27507	16370	00603	/////	/////	05206	10888	30605	/////
	99470	70171	17184	71222	96031	16518	75600	00400	87640	/////	0//16	11830	30805	/////

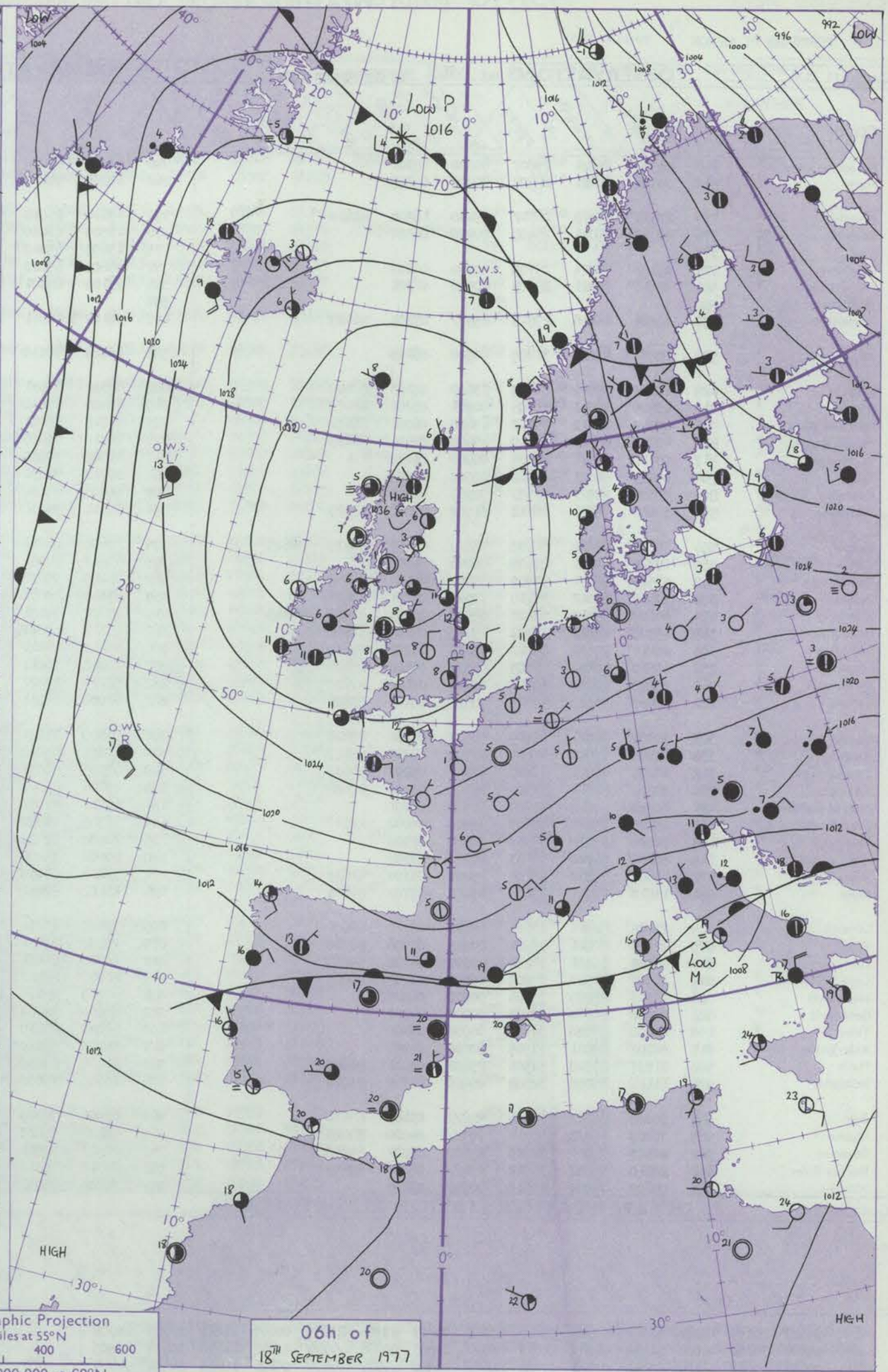
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 SUNDAY 18 SEPTEMBER 1977

A large anticyclone centred to the north of Scotland has remained slow-moving during the past 24 hours. A weak trough of low pressure on the northern flank of the anticyclone moved southeast into southern Norway. During the next 24 hours the centre of high pressure is expected to drift slowly south into northwest Scotland while the weak trough moves south into Germany.

Code FM 11.V

OBSERVATIONS at 00h. 18 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	03506	75021	29007	00900	05301			
Hurn	862	00306	70021	28508	00900	06205			
Manston	797	23614	75018	26712	25400	10203	82614		
Gatwick	776	00000	59041	28408	00900	06304			
Kew	775								
Heathrow	772	03103	70021	28709	00900	06303			
Honington	586	03510	70021	28508	00900	06301			
Wattisham	590								
Gorleston	497	60224	66216	27813	655//	07204	86627		
Aberporth	502	00806	65021	31409	00900	06105			
Filton	628	20608	70011	30109	25600	05103	82645		
Rhoose	715	10505	70011	29908	00901	05202	81075		
Hartland Point	703	60519	78012	29312	65600	06002	86631		
Mount Batten	827	10707	68011	28410	15600	05001	81635		
St. Mawgan	817	00510	65021	29109	00900	04103			
Scilly	804	00623	80021	27912	00900	11203			
Culdrose	809	00308	80021	28508	00900	04101			
Guernsey	894	30612	75021	26612	31500	07802	83825		
Elmdon	534	70107	68022	31209	756//	05201	84635	86645	
Cardington	559	00210	65021	29609	00900	06301			
Wittering	462	53509	65031	30009	55600	06601	85635		
Watnall	354	73609	66012	31110	755//	06001	87626		
Shawbury	414	50107	78012	32108	55500	05303	81625	85645	
Finningley	360	13308	78011	31308	15600	05001	81636		
Spurn Point	396	80114	80032	30012	856//	07002	88630		
Leeming	257	63510	80032	32609	655//	05802	86626		
Tynemouth	262	70220	80022	33611	756//	09102	87630		
Carlisle	222	80405	70022	34009	855//	05101	88626		
Valley	302	50704	70011	32409	55500	06204	85626		
Ringway	334	20305	75011	32109	25500	05202	82627		
Squires Gate	318	10206	75011	33108	15600	05204	81630		
Ronaldsway	204	20208	82011	33308	25500	05203	82628		
Mull of Galloway	131	00920	83011	33709	00900	05001			
Eskdalemuir	162	43608	75021	34307	45400	04002	84617		
Prestwick	135	00000	65020	35303	00900	02304			
Abbotsinch	140	00000	56040	35103	00900	03304			
Leuchars	171	13607	70020	35205	15600	03304	81630		
Dyce	091	13010	80011	35106	15400	05702	81616		
Lerwick	005	23408	82011	33605	15630	05710	81630		
Wick	075	22904	80011	35804	20932	03706	82360		
Sule Skerry	010	40504	66031	36208	45500	06708	84620		
Cape Wrath	049	20907	82020	35208	25500	05705	82625		
Stornoway	026	03303	82020	35206	00900	06802			
Benbecula	022	00000	80110	35205	00900	04803			
Tiree	100	00000	87020	34707	00900	06400			
Aldergrove	917	00702	65021	34305	00900	04202			
Malin	980	21707	83010	34506	25602	04101	81640		
Belmullet	976	11111	75010	32808	00902	04308	81070		
Birr	965	50000	66022	32806	556//	03103	85631		
Dublin	969	70709	75022	32311	755//	04000	87628		
Shannon	962	40507	70011	31910	45600	05207	84640		
Roches Point	952	80810	70032	30912	856//	05206	88638		
Valentia	953	00607	75020	30510	00900	05106			

OBSERVATIONS at 06h. 18 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	13609	66020	29306	15601	05302	81640		
Hurn	862	10205	70110	28804	15600	04302	81640		
Manston	797	63614	83018	26812	684//	08305	82814	85640	
Gatwick	776	13505	63020	28707	15601	05303	81635		
Kew	775	13605	65010	29207	15600	06301	81640		
Heathrow	772	33608	65020	28708	35601	06302	83645		
Honington	586	73105	68801	28209	784//	07500	83818	86640	
Wattisham	590								
Gorleston	497	30112	66011	27610	32500	06400	83825		
Aberporth	502	40708	70030	31608	15602	06203	81630	84078	
Filton	628	60308	65031	30307	15601	05304	81645	86075	
Rhoose	715	20406	70030	30108	18430	05304	81815		
Hartland Point	703	30712	80011	29710	35600	07301	83630		
Mount Batten	827	10710	70020	28809	15600	05302	81640		
St. Mawgan	817	10808	70030	29307	15600	04500	81635		
Scilly	804	60714	74031	27711	65500	//301	86623		
Culdrose	809	50408	65031	29007	55400	04304	81710	84630	
Guernsey	894	30611	70031	26712	31400	09302	83814		
Elmdon	534	13608	66011	31308	15600	05203	81635		
Cardington	559	63613	62031	29610	684//	08304	82810	86635	
Wittering	462	73410	75022	30108	756//	06305	87635		
Watnall	354	43510	60031	31609	45501	06308	84625		
Shawbury	414	43607	64101	32205	15604	04305	81645	84075	
Finningley	360	53211	68011	31608	55541	06306	85625		
Spurn Point	396	40112	75021	30012	48500	07304	82820	84625	
Leeming	257	23410	70011	32907	15501	05305	81625		
Tynemouth	262	50124	69022	33011	55600	09302	85630		
Carlisle	222	61002	80031	34104	15544	04305	81625	86075	
Valley	302	70000	81031	32608	55502	06201	85622	84075	
Ringway	334	20702	65020	32607	15541	05305	81625		
Squires Gate	318	60305	70031	33108	15641	05305	81630	86075	
Ronaldsway	204	20106	82011	33606	15602	04302	81630		
Mull of Galloway	131	60512	81031	34108	15708	06302	81656	86270	
Eskdalemuir	162	33508	70020	35104	15642	02305	81630	83075	
Prestwick	135	10000	62020	35401	10941	01500	81360		
Abbotsinch	140	10000	35400	35302	15701	02500	81656		
Leuchars	171	32106	80030	35003	10932	02303	81364	83070	
Dyce	091	43112	82031	35206	36432	05304	83715	83075	
Lerwick	005	73407	82031	34506	755//	04305	87625		
Wick	075	73202	81031	36307	754//	06307	83616	87635	
Sule Skerry	010	70505	81031	36808	755//	06307	87620		
Cape Wrath	049	20905	82020	35907	25571	05306	82625		
Stornoway	026	60000	08461	35905	20932	05307	82360	85072	
Benbecula	022	40000	02464	35801	00902	01205	84075		
Tiree	100	30000	87110	35407	11541	06307	81820	83080	
Aldergrove	917	30703	65030	34706	00902	04001	83070		
Malin	980	21501	83030	34906	25602	03204	82635		
Belmullet	976	10608	75030	33006	15602	05501	81638		
Birr	965	60506	70022	32706	656//	04500	86636		
Dublin	969	80807	75022	32811	855//	06204	86626	88650	
Shannon	962	40503	70011	31908	45600	05303	84640		
Roches Point	952	70710	75012	30711	756//	05302	87638		
Valentia	953	70705	75031	30111	756//	05701	87635		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00050	01	+	+
Hurn	862	00040	50	+	+
Manston	797	01111	09	pr.	pr.
Gatwick	776	00030	51	+	+
Kew	775	00050	52	+	+
Heathrow	772	00070	02	+	+
Honington	586	97060	04	+	pr.
Wattisham	590				
Gorleston	497				
Aberporth	502	00070	01	+	+
Filton	628	00070	04	+	+
Rhoose	715	00070	02	+	+
Hartland Point	703	00090	08		
Mount Batten	827	00080	05	+	+
St. Mawgan	817	00060	03	+	+
Scilly	804	00110	08	+	+
Culdrose	809	00060	04	+	+
Guernsey	894	00110	09	+	+
Elmdon	534	00070	05	+	+
Cardington	559	00060	02	+	+
Wittering	462	00080	07	+	+
Watnall	354	00080	05	+	+
Shawbury	414	00050	02	+	+
Finningley	360	00080	05	+	+
Spurn Point	396			+	+
Leeming	257	00060	05	+	+
Tynemouth	262	00100	08	+	+
Carlisle	222	00040	51	+	+
Valley	302	00070	02	+	+
Ringway	334	00070	01	+	+
Squires Gate	318	00070	03	+	+
Ronaldsway	204	00050	02	+	+
Mull of Galloway	131	00070			
Eskdalemuir	162	00041	01	+	+
Prestwick	135	00011	52	+	+
Abbotsinch	140	00011	54	+	jfF1f
Leuchars	171	00020	52	+	+
Dyce	091	00061	03	+	+
Lerwick	005	00040	01	+	+
Wick	075	00021	51	+	+
Sule Skerry	010	00060	01		
Cape Wrath	049	00060	04	+	+
Stornoway	026	00031	02	+	f
Benbecula	022	00011	55	f	ff
Tiree	100	00051	51	+	+
Aldergrove	917	00040	52	+	+
Malin	980	9704	02		
Belmullet	976	9705	03		
Birr	965	9706	01		
Dublin	969	0009	06		
Shannon	962	9707	05		
Roches Point	952	0011	10		
Valentia	953	9707	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	18001	61609	97808	03412	63400	00103	83914	83639	00009	11223	3//03	20/08
L	99570	70200	18004	81524	96025	24013	863//	00203	88706	/////	0//12	11230	30805	18905
M	99656	10020	18004	83018	97022	27508	8077/	00804	/////	/////	05106	10884	30504	/////
R	99471	70171	18004	81125	97022	18417	856//	00209	88630	/////	0/14	11856	30805	/////

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	21707	98018	05011	24500	00209	/////	/////	05008	11198	3//02	20/08
L	99568	70197	18064	81620	97012	25213	853//	00801	85708	88625	0//12	11252	30905	11804
M	99656	10022	18064	72924	97031	27607	76300	00400	/////	/////	05305	10882	30504	/////
R	99471	70172	18064	81221	97022	18517	856//	31302	88630	/////	0//13	11833	30806	/////

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. 42305

Date of Issue MONDAY 19 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 18 SEPTEMBER 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	70411	83031	29614	785/1	05101	83827	85640	
Hurn	862	60310	78031	29213	645//	08601	83825	85640	
Manston	797	43615	80038	27615	34531	09500	83825		
Gatwick	776	50311	75011	28914	48531	07000	84828		
Kew	775	70110	72021	29713	785//	07000	84820	87650	
Heathrow	772	70113	80021	29414	68531	07203	83824	84656	
Honington	586	73609	80808	29511	784//	10103	83815	86635	
Wattisham	590								
Gorleston	497	30118	66021	28813	35500	07102	83625		
Aberporth	502	10311	75011	31813	11501	07806	81825		
Filton	628	60413	75031	30514	645//	07803	82822	85632	
Rhoose	715	40509	72031	30814	41501	07001	84826		
Hartland Point	703	60620	74021	30713	42531	09003	84820	85075	
Mount Batten	827	40808	82011	29615	31501	08002	83822		
St. Mawgan	817	50508	80031	30314	41502	06102	84825		
Scilly	804	20613	71021	29615	22501	11208	82825		
Culdrose	809	40607	75031	30013	21501	08003	82825		
Guernsey	894	30512	82020	28215	21402	09103	82818		
Elmdon	534	80308	72021	32011	884//	07203	83818	88640	
Cardington	559	80110	50586	30610	855//	10104	85620	88625	
Wittering	462	83612	63505	30911	854//	08003	81713	86615	88625
Watnall	354	80108	68021	31911	854//	07204	88618		
Shawbury	414	60409	72031	32313	68500	07604	83824	86635	
Finningley	360	80210	70021	32013	855//	06001	88620		
Spurn Point	396	80114	66021	31013	855//	09205	88620		
Leeming	257	10119	75011	33014	11641	05801	81830		
Tynemouth	262	40223	69021	34411	45500	09304	84625		
Carlisle	222	10907	82021	34015	11541	06706	81828		
Valley	302	10507	83011	32915	15502	07802	81625		
Ringway	334	10410	72010	32314	18500	04802	81825		
Squires Gate	318	10408	82011	33015	11540	05704	81820		
Ronaldsway	204	20813	84011	33614	10941	08500	81362		
Mull of Galloway	131	30306	82011	34413	11501	07400	81825	83075	
Eskdalemuir	162	10407	80020	34413	10942	06000	81362		
Prestwick	135	10407	70020	34814	00902	06809	81080		
Abbotsinch	140	10803	65024	35013	00901	04805	81075		
Leuchars	171	11106	82020	35213	15502	06705	81625		
Dyce	091	23414	84021	35512	25501	07802	81620		
Lerwick	005	73208	82022	35009	756//	05601	87630		
Wick	075	40105	85011	36709	15731	05001	81656	83358	
Sule Skerry	010	70504	84022	37410	755//	06301	87625		
Cape Wrath	049	11407	80010	36409	11501	06400	81825		
Stornoway	026	41607	82034	36312	11502	09801	81822	84070	
Benbecula	022	13105	84014	36613	11501	10203	81825		
Tiree	100	40109	81021	35613	11401	10702	81815	84080	
Aldergrove	917	10507	70011	34514	12501	07803	81820		
Malin	980	30408	83011	35513	11501	08203	81822	83080	
Belmullet	976	10910	78010	33815	12502	09802	81821		
Birr	965	60910	82021	33214	22502	08500	82822	85070	
Dublin	969	70511	84022	33713	655/2	06003	86622	83070	
Shannon	962	31110	80010	32915	28601	07001	82830		
Roches Point	952	70714	75022	32314	784//	07107	81819	87636	
Valentia	953	51209	75012	32016	55600	08107	85635		

OBSERVATIONS at 18h. 18 SEPTEMBER 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	60111	75022	29311	68400	09702	81710	85640	
Hurn	862	10311	70021	28812	18501	08502	81825		
Manston	797	20213	81020	27513	18501	07500	81820		
Gatwick	776	73508	70022	28213	784//	08702	81816	83630	87650
Kew	775	10109	72021	29113	18401	09601	81816		
Heathrow	772	13511	66011	28713	18401	09502	81816		
Honington	586	40107	82028	28913	48501	08202	83822		
Wattisham	590								
Gorleston	497	30114	66030	28913	31500	07400	83825		
Aberporth	502	50404	75031	31312	55601	08502	85630		
Filton	628	80410	60012	30612	885//	08303	81820	88640	
Rhoose	715	70410	68031	30512	785//	07502	81825	87632	
Hartland Point	703	60818	74021	29813	1157/	08706	81820	85360	
Mount Batten	827	70409	70021	29214	785//	08502	81825	87638	
St. Mawgan	817	70508	80022	29813	785//	07302	81825	87640	
Scilly	804	20414	70030	28713	28500	10803	81825		
Culdrose	809	70305	80031	29013	785//	08704	81825	87640	
Guernsey	894	50510	68151	27613	42402	08703	84816		
Elmdon	534	80311	68216	31511	884//	08502	81815	88624	
Cardington	559	80210	64026	30012	884//	10601	84818	88630	
Wittering	462	83607	60588	30511	854//	10301	82710	85712	88622
Watnall	354	80208	62502	31811	854//	09301	84710	88618	
Shawbury	414	60603	65031	31314	65600	09804	86630		
Finningley	360	70110	72022	32212	784//	07303	84816	87623	
Spurn Point	396	80116	57216	31012	853//	10302	87708	88625	
Leeming	257	60113	80031	33611	45602	06305	84630	83078	
Tynemouth	262	70223	69021	34810	756//	08203	87630		
Carlisle	222	60406	81031	33413	00902	06302	86075		
Valley	302	10307	83020	32313	00901	09500	81075		
Ringway	334	10312	68020	32113	14641	05304	81640		
Squires Gate	318	40806	77030	32514	00901	06202	84075		
Ronaldsway	204	20107	86020	33013	00901	06301	82080		
Mull of Galloway	131	13605	79020	33413	00901	09604	81075		
Eskdalemuir	162	60303	83021	34210	00902	05302	86075		
Prestwick	135	33505	68030	34014	10932	06501	81365	83070	
Abbotsinch	140	50405	70031	33715	00902	06602	85075		
Leuchars	171	50707	80031	35110	36402	08500	83711	84075	
Dyce	091	63410	84031	35309	25402	06301	82615	86075	
Lerwick	005	73411	84022	34408	754//	05605	87618		
Wick	075	20107	83030	36208	15601	06301	81640		
Sule Skerry	010	63604	84012	37109	655//	05400	86625		
Cape Wrath	049	30905	82030	36108	38501	06802	81825	83630	
Stornoway	026	60508	80031	35910	656//	08501	86630		
Benbecula	022	10107	82020	35711	00901	09703	81075		
Tiree	100	13611	89020	34612	00902	09603	81075		
Aldergrove	917	10604	80020	33615	00901	05603	81075		
Malin	980	10506	86020	34612	00901	09501	81080		
Belmullet	976	10612	82020	32813	11502	09604	81820		
Birr	965	00503	83011	32414	00900	07000			
Dublin	969	10510	84021	33212	15600	08500	81630		
Shannon	962	10806	82020	31516	15701	08708	81650		
Roches Point	952	10706	70011	31713	11401	09502	81819		
Valentia	953	11110	75021	30915	15600	09502	81635		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00140	050 +		+
Hurn	862	00140	049 +		+
Manston	797	00160	095 +		+
Gatwick	776	00150	058 +		jp
Kew	775	00140	047 +		+
Heathrow	772	00140	045 +		+
Honington	586	93150	048 pr.		+
Wattisham	590				
Gorleston	497		078		
Aberporth	502	00130	100 +		+
Filton	628	00150	052 +		+
Rhoose	715	00140	056 +		+
Hartland Point	703	00150	060		
Mount Batten	827	00160	074 +		+
St. Mawgan	817	00160	086 +		+
Scilly	804	00150	103 +		+
Culdrose	809	00150	095 +		+
Guernsey	894	00160	092 +		jp
Elmdon	534	97120	029 r.		r.
Cardington	559	02121	012 d.r.d.r.d.		d.d.r.rr
Wittering	462	97131	005 d.d.r.		pr.d.r.
Watnall	354	97120	014 +		id.
Shawbury	414	00150	049 +		+
Finningley	360	00130	008 +		+
Spurn Point	396		+		ir.
Leeming	257	00140	102 +		+
Tynemouth	262	00110	055 +		+
Carlisle	222	00160	114 +		+
Valley	302	00160	104 +		+
Ringway	334	00160	109 +		+
Squires Gate	318	00170	112 +		+
Ronaldsway	204	00150	101 +		+
Mull of Galloway	131	00160			
Eskdalemuir	162	00141	114 +		+
Prestwick	135	00170	107 +		+
Abbotsinch	140	00180	100 +		+
Leuchars	171	00140	102 +		+
Dyce	091	00131	095 +		+
Lerwick	005	00090	010 +		+
Wick	075	00110	061 +		+
Sule Skerry	010	00100			
Cape Wrath	049	00100	108 +		+
Stornoway	026	00131	095 +		+
Benbecula	022	00141	107 +		+
Tiree	100	00130	105 +		+
Aldergrove	917	00160	098 +		+
Malin	980	9713	096		
Belmullet	976	0017	112		
Birr	965	0017	105		
Dublin	969	0014	080		
Shannon	962	9717	106		
Roches Point	952	0015	069		
Valentia	953	0017	082		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

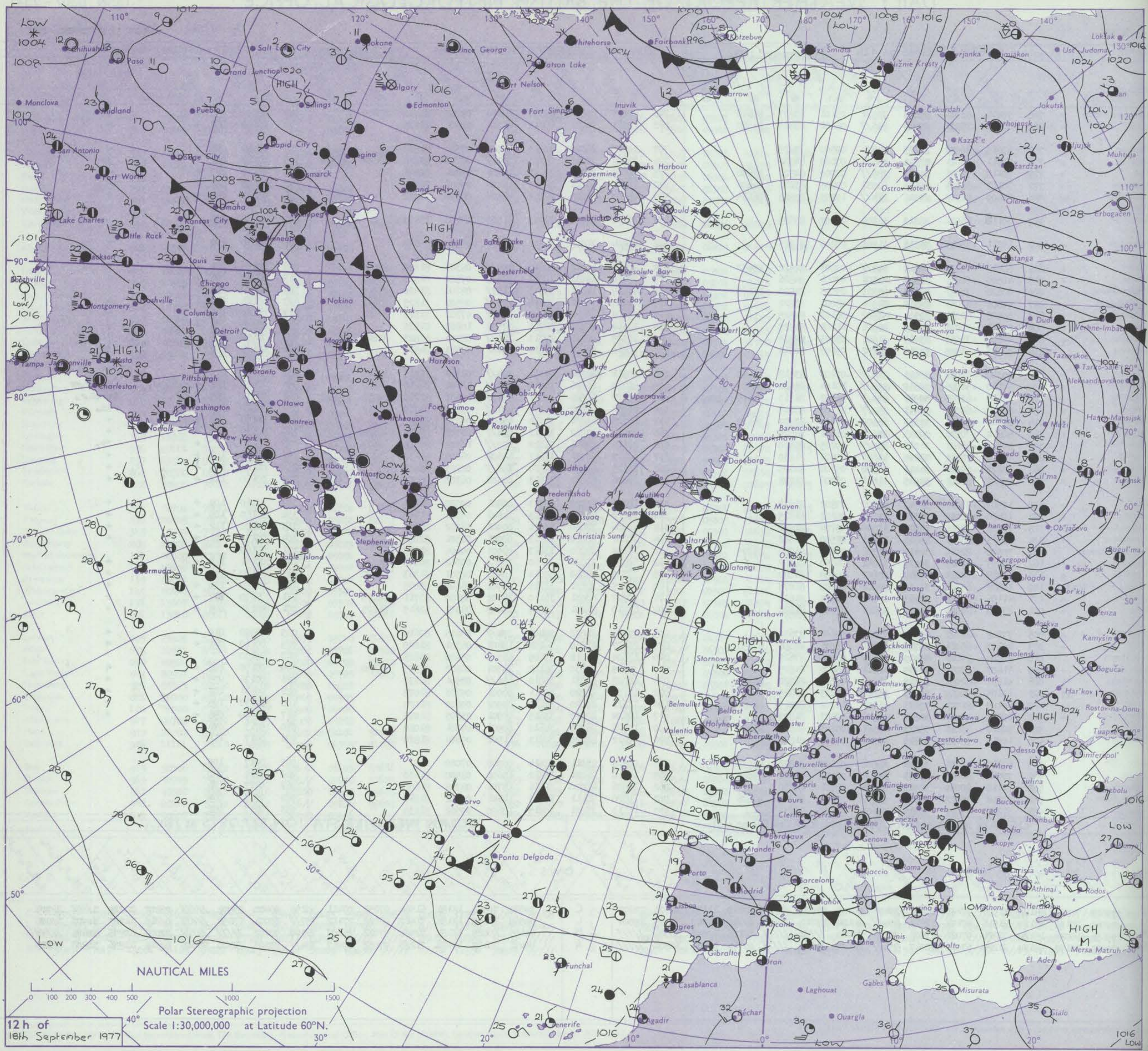
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18121	31507	97151	06612	29403	00105	82994	/////	00210	11132	30302	22207
L	99569	70198	18124	81516	97152	27812	854//	00124	83710	88642	0/10	11249	30905	19004
M	99656	10024	18124	72824	97022	27808	76300	00400	/////	/////	05106	10840	30504	/////
R	99470	70170	18124	81224	97012	20017	856//	00109	88640	/////	0/14	11845	30807	/////

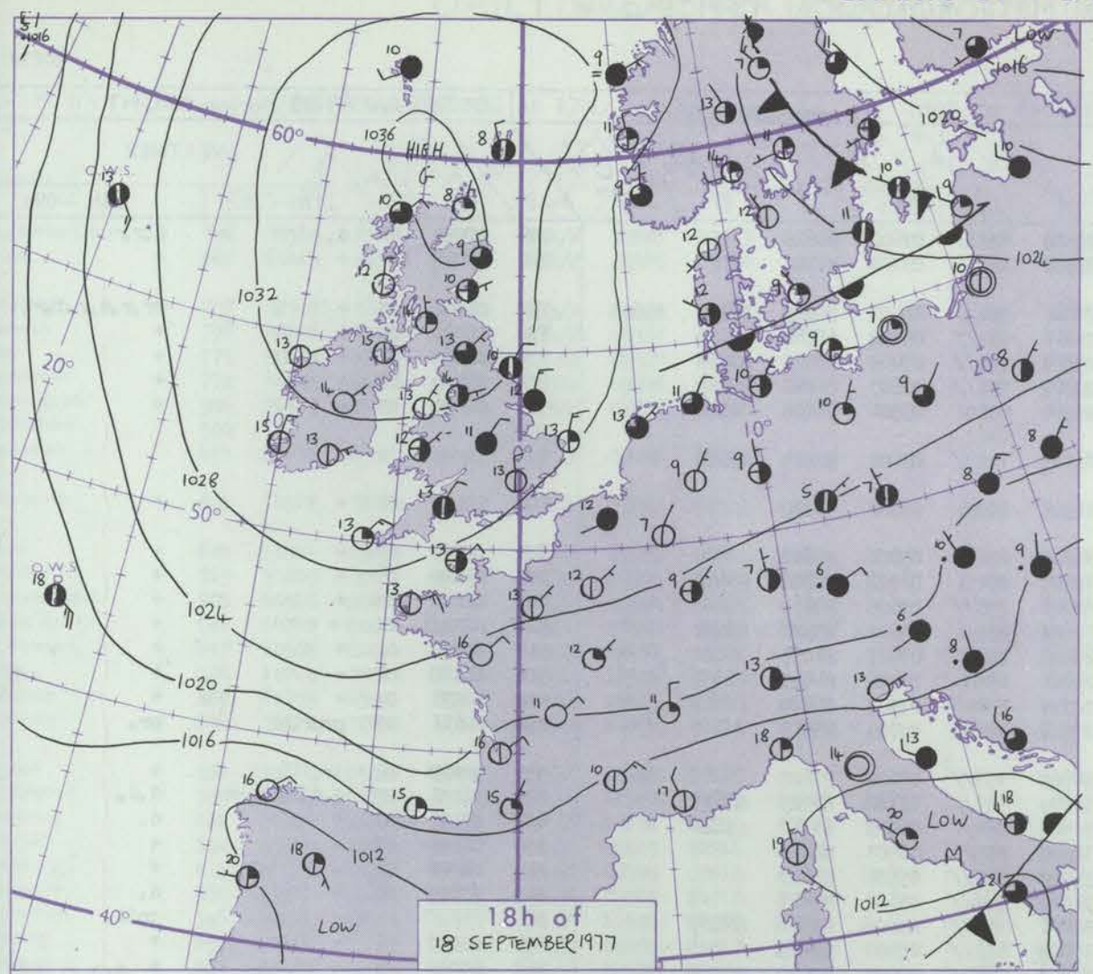
OCEAN WEATHER STATION REPORTS at 18h.

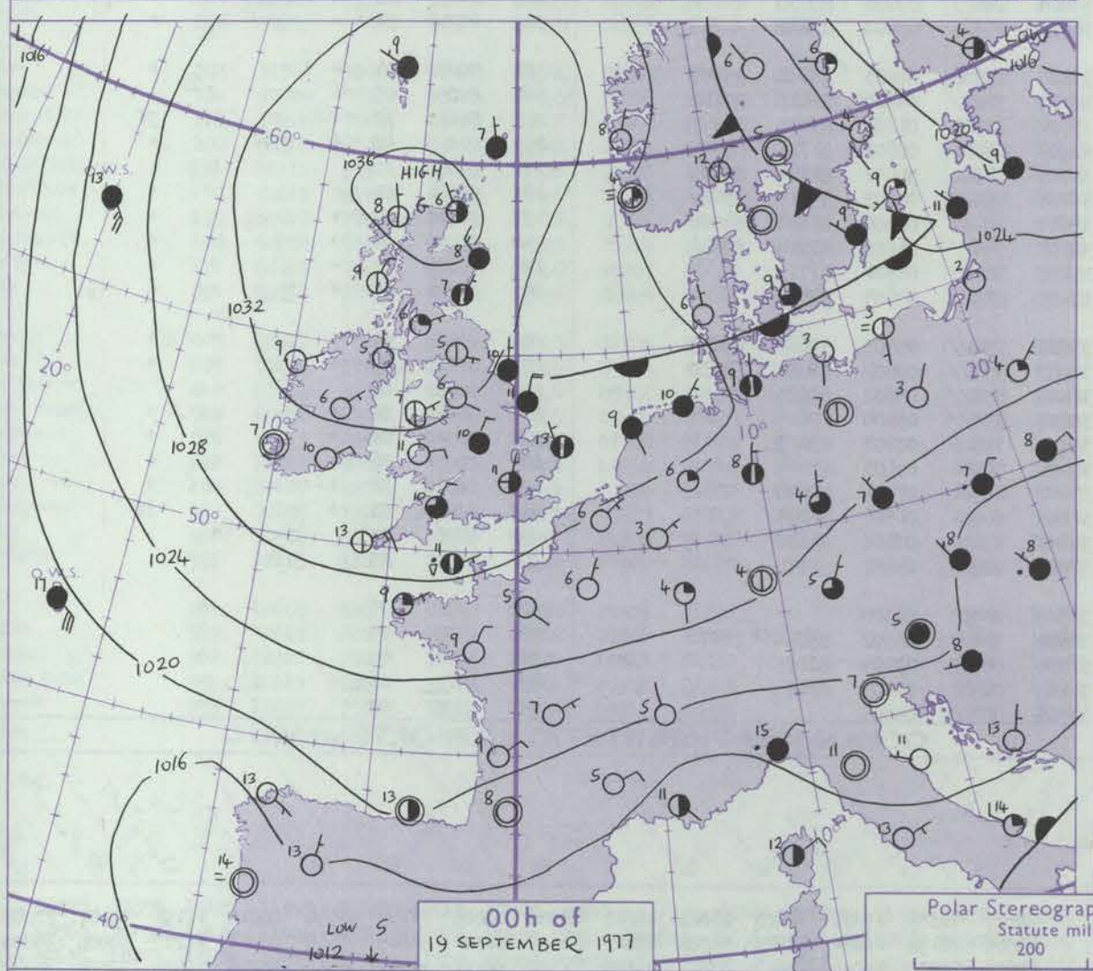
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18181	61504	97258	07411	59250	00400	83992	/////	05207	11224	3////	21905
L	99569	70199	18184	71417	98022	27112	757//	00001	87650	/////	0/10	11247	30907	10806
M	99655	10025	18184	72924	97022	26608	76300	00702	/////	/////	00007	10855	30605	/////
R	99471	70172	18184	71223	97032	19917	784//	00303	82810	87640	0/14	11836	30807	08703

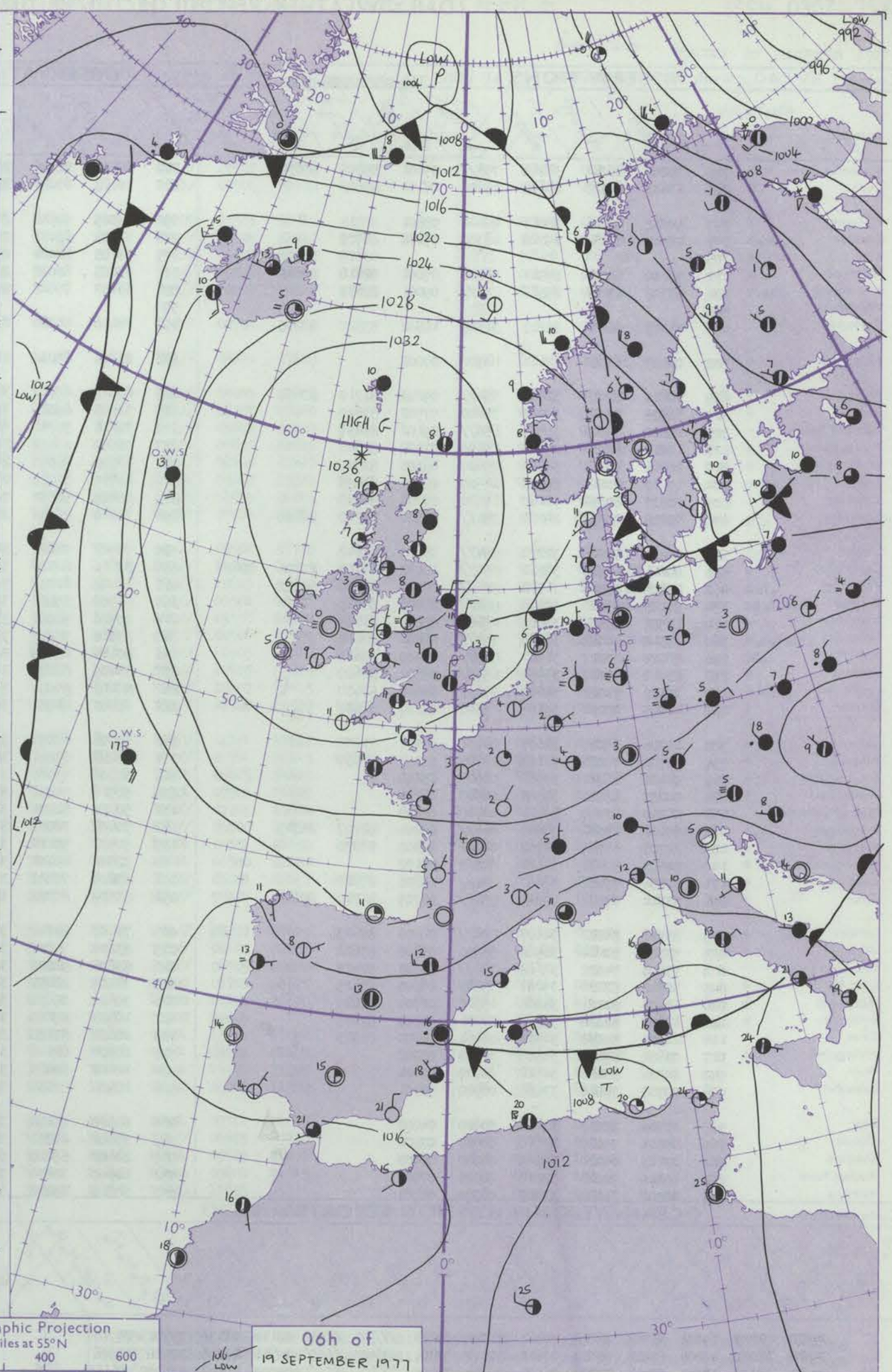
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 19 SEPTEMBER 1977

During the past 24 hours an anticyclone remained slow-moving just north of Scotland with a ridge of high pressure extending southwards to northwest France. During the next 24 hours there will be little change except the anticyclone is expected to move very slowly south over Scotland.

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

Code FM 11.V

OBSERVATIONS at 00h. 19 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	70208	66011	30210	753//	09101	85708	85630	
Hurn	862	13603	68030	29608	15600	07101	81640		
Manston	797	50212	80011	28013	48401	08801	83818		
Gatwick	776	40303	61031	29710	46300	09104	84707		
Kew	775								
Heathrow	772	50104	62031	29811	55400	09001	82616	84628	
Honington	586	83306	63031	29511	856//	09001	88637		
Wattisham	590								
Gorleston	497	73303	66021	29213	31508	10802	83828	87275	
Aberporth	502	00809	65021	32111	00900	07002			
Filton	628	70610	62022	31011	754//	09203	81710	87634	
Rhoose	715	30505	72011	30811	35600	07502	83640		
Hartland Point	703	60620	74012	30513	656//	09102	86637		
Mount Batten	827	10911	62021	29910	15600	07002	81640		
St. Mawgan	817	20706	70011	30710	25600	08303	82640		
Scilly	804	10617	80011	29313	15500	09002	81623		
Culdrose	809	10307	60051	30109	15600	07304	81635		
Guernsey	894	70708	70808	29211	784//	11302	85710	87820	
Elmdon	534	80209	72026	32210	854//	06203	88618		
Cardington	559	80211	62206	30811	852//	10002	83705	87706	88626
Wittering	462	83608	75016	31310	854//	07504	82616	88622	
Watnall	354	80108	65025	32509	854//	06003	88618		
Shawbury	414	10508	68021	33008	15600	05208	81635		
Finningley	360	73310	84022	32709	754//	06001	87618		
Spurn Point	396	80120	80022	31411	855//	07000	88625		
Leeming	257	63410	70012	33909	655//	05502	86620		
Tynemouth	262	70318	81022	34709	756//	08802	87630		
Carlisle	222	11005	70031	35105	15500	04207	81620		
Valley	302	10706	75020	32607	00901	05301	81075		
Ringway	334	12502	70021	33109	15700	05301	81650		
Squires Gate	318	01102	65011	33506	00900	05202			
Ronaldsway	204	00207	82020	33508	00900	06201			
Mull of Galloway	131	01210	82010	33911	00900	08400			
Eskdalemuir	162	60106	65011	34907	663//	05804	82707	86713	
Prestwick	135	20703	65020	34906	00901	02302	82070		
Abbotsinch	140	00503	57101	35106	00900	05102			
Leuchars	171	70306	70022	35307	764//	05703	87710		
Dyce	091	83314	75032	35608	854//	06705	81710	88614	
Lerwick	005	83506	86022	34407	854//	06806	88619		
Wick	075	53304	80011	36506	55500	05803	85622		
Sule Skerry	010	73603	74022	37108	755//	05803	87625		
Cape Wrath	049	30912	82020	35707	35500	05805	83625		
Stornoway	026	13503	80021	36008	15500	07704	81620		
Benbecula	022	10607	82020	35908	00901	08802	81075		
Tiree	100	10208	84030	34509	00901	08704	81075		
Aldergrove	917	03602	65010	34505	00900	02302			
Malin	980	00506	83020	34511	00900	10604			
Belmullet	976	00707	78010	33409	00900	08801			
Birr	965	00506	70020	33106	00900	04002			
Dublin	969	00204	75020	33110	00900	07801			
Shannon	962	00203	65020	32609	00900	06003			
Roches Point	952	00510	70020	32210	00900	07002			
Valentia	953	00000	75020	31907	00900	06104			

OBSERVATIONS at 06h. 19 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	70108	72036	29608	6553/	07602	86628		
Hurn	862	30208	60011	28908	35300	08704	81707		
Manston	797	82005	59612	27611	854//	10500	83615	84628	88645
Gatwick	776	73608	62021	28811	784//	09502	81812	87645	
Kew	775	70108	70021	29510	755//	07400	83625	87650	
Heathrow	772	73608	68032	28810	754//	07603	81712	87650	
Honington	586	63407	75012	28910	65602	08501	83645	84656	
Wattisham	590								
Gorleston	497	70110	66026	28313	785//	08702	82825	87630	
Aberporth	502	21006	65030	31808	10931	06502	81360		
Filton	628	60311	65012	30709	656/1	05701	86632		
Rhoose	715	30507	69011	30609	38431	06702	81816	83640	
Hartland Point	703	70616	74031	30011	756//	09605	87635		
Mount Batten	827	70508	65031	29511	685/1	08602	83822	84634	
St. Mawgan	817	10706	68030	29808	00901	07607	81075		
Scilly	804	10710	62020	28711	15500	09706	81623		
Culdrose	809	10409	56050	28908	15630	07505	81640		
Guernsey	894	30410	80038	27511	38400	09704	83818		
Elmdon	534	73508	72022	31609	755//	05604	87628		
Cardington	559	83610	64026	30209	855//	07302	83625	88635	
Wittering	462	83408	62032	30509	854//	06503	83712	88624	
Watnall	354	83508	65022	31809	855//	06503	88626		
Shawbury	414	73506	56041	33007	755//	05501	87620		
Finningley	360	83310	75022	31909	854//	05602	88617		
Spurn Point	396	80114	68155	30411	884//	08605	85810	88625	
Leeming	257	83409	80022	33009	855//	05400	88625		
Tynemouth	262	80118	80022	34010	856//	08400	88630		
Carlisle	222	70702	81021	34208	755//	05604	87622		
Valley	302	50106	63051	32205	15602	04503	81640	85075	
Ringway	334	73402	68021	32809	754//	05500	81615	87618	
Squires Gate	318	30702	35400	33501	00902	01202	83075		
Ronaldsway	204	50516	84031	32808	16404	06606	81715	85075	
Mull of Galloway	131	50811	82031	33708	11501	51602	81825	85075	
Eskdalemuir	162	70108	70032	34406	754//	04802	85713	87620	
Prestwick	135	50902	59111	35002	15644	02400	81640	84070	
Abbotsinch	140	72502	40101	34807	754//	06502	81714	87616	
Leuchars	171	73605	75022	35108	764//	06501	87713		
Dyce	091	83309	80022	35108	854//	05603	88616		
Lerwick	005	73407	84012	33908	754//	05803	81618	87625	
Wick	075	83304	75032	35907	855//	05601	85620	88630	
Sule Skerry	010	83606	81022	36409	855//	05602	88625		
Cape Wrath	049	71409	82031	35607	755//	05400	87625		
Stornoway	026	30610	75030	35409	35500	07703	83622		
Benbecula	022	10303	85110	35204	00901	04603	81075		
Tiree	100	20606	87120	33907	15501	07501	81620		
Aldergrove	917	20000	62110	34103	00901	01501	82075		
Malin	980	12107	02464	34007	15600	07602	81630		
Belmullet	976	10808	82030	32906	00902	04602	81070		
Birr	965	00000	02464	33300	00900	00500			
Dublin	969	73602	68031	32609	564/2	08502	85711	84070	
Shannon	962	20102	65110	32304	00902	03804	82075		
Roches Point	952	10309	70030	31409	00901	07503	81075		
Valentia	953	00000	80020	30905	00900	04505			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97080	06	d.	d.r.
Hurn	862	00070	03	+	+
Manston	797	01101	10	+	rr.r.d.r.d.r.
Gatwick	776	00090	04	+	+
Kew	775	00090	01	+	+
Heathrow	772	00100	07	+	+
Honington	586	00090	05	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00070	03	+	+
Filton	628	00090	07	+	+
Rhoose	715	00080	05	+	+
Hartland Point	703	00110	09	+	+
Mount Batten	827	00090	04	+	+
St. Mawgan	817	00070	03	+	+
Scilly	804	00100	08	+	+
Culdrose	809	00071	04	+	+
Guernsey	894	02111	09	prpr.pr	pr.
Elmdon	534	97090	08	ir.	+
Cardington	559	01091	08	d.d.-d.r.-r.	d.d.
Wittering	462	97091	08	+	d.
Watnall	354	00090	07	+	+
Shawbury	414	00040	51	+	+
Finningley	360	97090	07	+	d.
Spurn Point	396			+	jpid.
Leeming	257	00090	07	+	+
Tynemouth	262	00090	08	+	+
Carlisle	222	00040	51	+	+
Valley	302	00040	01	+	+
Ringway	334	00080	05	+	+
Squires Gate	318	00010	53	+	jf
Ronaldsway	204	00060	02	+	+
Mull of Galloway	131	00070			
Eskdalemuir	162	00061	04	+	+
Prestwick	135	00010	53	+	+
Abbotsinch	140	00040	51	+	+
Leuchars	171	00070	05	+	+
Dyce	091	00071	07	+	+
Lerwick	005	00070	03	+	+
Wick	075	00060	04	+	+
Sule Skerry	010	00060	05		
Cape Wrath	049	00061	06	+	+
Stornoway	026	00040	01	+	+
Benbecula	022	00031	56	+	+
Tiree	100	00060	51	+	+
Aldergrove	917	00010	53	+	jf
Malin	980	9706	04		
Belmullet	976	9706	03		
Birr	965	9750	53		
Dublin	969	9708	00		
Shannon	962	9704	00		
Roches Point	952	9708	06		
Valentia	953	9705	02		

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	$8N_ch_ch_c$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19001	51707	98018	09011	22550	00203	/////	/////	00110	11136	3//01	27/07
L	99570	70200	19004	81423	98022	27612	856//	00801	88645	/////	0/11	11246	30906	10806
M	99655	10027	19004	72923	97022	26108	76300	00805	/////	/////	05005	10843	30605	/////
R	99471	70170	19004	81128	97018	20017	856//	00808	88640	/////	0/12	11783	30807	/////

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	$8N_ch_ch_c$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19061	01605	98018	10212	00900	00205	/////	/////	00010	11191	3//01	27/07
L	99569	70199	19064	81525	98022	27612	856//	31501	88645	/////	0/11	11237	30906	09805
M	99655	10029	19064	12912	97011	26507	16300	00101	/////	/////	05206	10855	30504	/////
R	99471	70171	19064	81325	97032	18417	884//	00712	85815	88640	0/13	11772	30807	/////

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. 42306

Date of Issue TUESDAY 20 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 19 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70510	75021	29311	724//	07803	82713	87822	
Hurn	862	60412	75031	28713	686//	08805	85830		
Manston	797	82702	58036	28113	885//	09803	83820	88656	
Gatwick	776	80106	63022	28813	884//	08804	81815	86618	88640
Kew	775	50208	65022	29114	58500	09807	85820		
Heathrow	772	53608	66012	28913	58400	09803	81712	84816	
Honington	586	70410	81031	28514	785//	08705	84825	85640	
Wattisham	590								
Gorleston	497	60616	66022	28913	655//	09400	86625		
Aberporth	502	10512	72020	31012	11541	07807	81828		
Filton	628	80311	68031	30211	854//	07805	82616	85622	88640
Rhoose	715	70608	68031	30311	3857/	06804	81822	83632	87462
Hartland Point	703	60510	80012	30312	625//	09801	86825		
Mount Batten	827	60710	80011	28914	68531	07808	83822	84635	
St. Mawgan	817	60508	80011	29614	68500	08807	85828		
Scilly	804	10710	75020	28915	15500	12806	81620		
Culdrose	809	60708	65051	28913	68400	09809	83818	85625	
Guernsey	894	70513	72028	27314	784//	10706	81710	85818	
Elmdon	534	70111	65022	31012	754//	07803	87618		
Cardington	559	70114	60205	29612	784//	11807	81710	85815	87630
Wittering	462	80106	58605	30311	852//	10604	83704	87705	88620
Watnall	354	80111	70032	31212	884//	08803	84814	88630	
Shawbury	414	80109	66032	31511	884//	07709	82818	84634	88645
Finningley	360	83511	80025	31611	854//	08705	84710	88622	
Spurn Point	396	60211	60205	30712	684//	11002	81710	84820	86630
Leeming	257	83614	75022	33011	854//	06804	85617	88622	
Tynemouth	262	83620	80022	34110	855//	08802	88625		
Carlisle	222	70609	82032	33811	785//	06806	82822	87628	
Valley	302	30713	72021	32014	15402	07804	81615	83075	
Ringway	334	70309	75022	32111	754//	07706	81715	85620	86640
Squires Gate	318	70708	75031	32813	65601	08709	86630		
Ronaldsway	204	50808	81021	33113	58501	07703	83821		
Mull of Galloway	131	41113	81011	33612	11501	06803	81825	84075	
Eskdalemuir	162	70111	81022	34109	755//	05806	87625		
Prestwick	135	40412	70021	34313	15501	07708	81620	84070	
Abbotsinch	140	60806	62042	34313	15501	06809	81628	86078	
Leuchars	171	60407	75012	35111	655//	05807	86620		
Dyce	091	83511	82022	35210	854//	06605	81616	88619	
Lerwick	005	83610	65022	34010	855//	06805	82625	88628	
Wick	075	70105	84022	36009	755//	05804	83625	87630	
Sule Skerry	010	83605	82022	36811	855//	05802	88625		
Cape Wrath	049	60911	83012	36009	655//	05601	86625		
Stornoway	026	10513	82011	35910	15500	07702	81625		
Benbecula	022	10411	86020	35113	16401	10802	81712		
Tiree	100	30107	88011	33913	15601	10804	81632	83077	
Aldergrove	917	70605	58041	33714	36401	09805	83713	86075	
Malin	980	30506	80014	33513	26201	11805	81703		
Belmullet	976	12103	82020	32717	00902	07803	81070		
Birr	965	10605	82024	32015	11500	09809	81822		
Dublin	969	50613	80031	32414	11502	07806	81820	85070	
Shannon	962	11902	75030	31715	11601	10813	81830		
Roches Point	952	20613	75010	31315	28401	10804	82819		
Valentia	953	10807	75020	30218	11500	07811	81825		

OBSERVATIONS at 18h. 19 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70207	65032	27712	755//	09507	86625	87645	
Hurn	862	73607	68031	27313	2573/	09506	82650	86360	
Manston	797	30608	62011	27212	38400	05503	81812		
Gatwick	776	70105	50582	27312	754//	10708	81712	85625	86635
Kew	775	70505	56058	28013	755//	09502	85622	87650	
Heathrow	772	70608	58042	27314	755//	10505	84620	87650	
Honington	586	70310	70806	28211	785//	10500	84822	87645	
Wattisham	590								
Gorleston	497	60411	66012	28213	60910	09704	86460		
Aberporth	502	70909	62031	29812	755//	08604	87628		
Filton	628	20311	63011	28711	18530	09505	81820		
Rhoose	715	70507	62012	28612	756//	08707	87640		
Hartland Point	703	60716	70012	28412	5563/	08005	85640	86360	
Mount Batten	827	30607	62011	27613	25530	07605	82628		
St. Mawgan	817	70707	80031	27713	756//	06604	87630		
Scilly	804	70512	75021	27413	6853/	09610	83820	86623	
Culdrose	809	60802	75021	27513	68400	08605	81815	86620	
Guernsey	894	60310	75031	26213	68432	09506	82818	85645	
Elmdon	534	83609	59216	29911	854//	09602	87710	88620	
Cardington	559	60310	67012	28413	645//	10503	82625	85635	
Wittering	462	70109	68036	29112	753//	10603	85709	87632	
Watnall	354	80107	58505	30411	853//	09502	83708	84714	88620
Shawbury	414	80310	59042	30611	855//	08500	86624	88645	
Finningley	360	80109	56516	30611	853//	09501	82709	86711	88615
Spurn Point	396	70110	66162	29812	784//	10805	82810	87620	
Leeming	257	83609	70012	32110	855//	07605	88620		
Tynemouth	262	80119	69022	32910	855//	09607	88625		
Carlisle	222	70806	80022	33110	755//	06500	81627	87632	
Valley	302	71009	66031	31312	755//	08301	87622		
Ringway	334	70209	58022	31311	754//	07701	84615	87622	
Squires Gate	318	60808	62012	32010	55501	08605	84625		
Ronaldsway	204	11106	75021	32211	15501	07508	81628		
Mull of Galloway	131	71216	82031	32311	756//	07705	87630		
Eskdalemuir	162	80107	81022	33708	856//	05500	88630		
Prestwick	135	20613	75021	33311	15701	05301	81650		
Abbotsinch	140	31007	70021	33312	25601	06500	82640		
Leuchars	171	70612	80022	34010	754//	05503	82617	87620	
Dyce	091	83510	80022	34309	854//	05504	88618		
Lerwick	005	83108	65022	32810	855//	06707	81620	88630	
Wick	075	73102	84022	34909	756//	06605	87630		
Sule Skerry	010	80000	74032	35810	855//	06705	88620		
Cape Wrath	049	40912	83021	34909	45500	06703	84625		
Stornoway	026	10517	80020	34510	15500	07606	81628		
Benbecula	022	00610	87020	33911	00900	09506			
Tiree	100	13607	87020	32511	00901	10608	81080		
Aldergrove	917	20806	70011	32312	00901	07502	82075		
Malin	980	10913	75010	32012	00901	10708	81075		
Belmullet	976	10406	83020	30913	00902	08706	81070		
Birr	965	10708	83020	30613	00901	08301	81075		
Dublin	969	70711	80032	31311	755//	06605	87620		
Shannon	962	10407	80030	29416	11601	09608	81832		
Roches Point	952	10610	60010	29612	16400	09604	81715		
Valentia	953	02206	84020	28715	00900	11606			

OBSERVATIONS during DAY

Station	iii	RRTT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97130	022 +		d.
Hurn	862	97151	065 +		d.
Manston	797	00140	010 +		+
Gatwick	776	97130	000	d.	d.-d.r.
Kew	775	97140	006	pr.	+
Heathrow	772	00150	006 +		+
Honington	586	97150	023	r.	r.pr.
Wattisham	590				
Gorleston	497		008		
Aberporth	502	00140	087 +		+
Filton	628	00130	019 +		+
Rhoose	715	00130	040 +		+
Hartland Point	703	00140	061		
Mount Batten	827	00150	043 +		+
St. Mawgan	817	00150	079 +		+
Scilly	804	00150	084 +		+
Culdrose	809	00141	076 +		+
Guernsey	894	97151	047	pr.	pr. (047)
Elmdon	534	97130	004	r.	ir.
Cardington	559	94151	022	d.d.	+
Wittering	462	92141	002	d.d.r.r.	d.d.
Watnall	354	97121	002	id.	id.d.d.
Shawbury	414	00130	000 +		+
Finningley	360	97121	002	d.ir.	r.d.d.id.
Spurn Point	396			id.	id.
Leeming	257	00110	000 +		+
Tynemouth	262	00110	000 +		+
Carlisle	222	00120	000 +		+
Valley	302	00150	097 +		+
Ringway	334	00120	000 +		+
Squires Gate	318	00140	050 +		+
Ronaldsway	204	00130	091 +		+
Mull of Galloway	131	00130			
Eskdalemuir	162	00091	008 +		+
Prestwick	135	00150	107 +		+
Abbotsinch	140	00150	075 +		+
Leuchars	171	00120	031 +		+
Dyce	091	00101	000 +		+
Lerwick	005	00110	000 +		+
Wick	075	00100	000 +		+
Sule Skerry	010	00110			
Cape Wrath	049	00101	046 +		+
Stornoway	026	00110	112 +		+
Benbecula	022	00130	111 +		+
Tiree	100	00140	108 +		+
Aldergrove	917	00150	092 jf		+
Malin	980	9714	093		
Belmullet	976	9719	115		
Birr	965	9717	077		
Dublin	969	9714	082		
Shannon	962	9718	105		
Roches Point	952	0016	102		
Valentia	953	0020	107		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

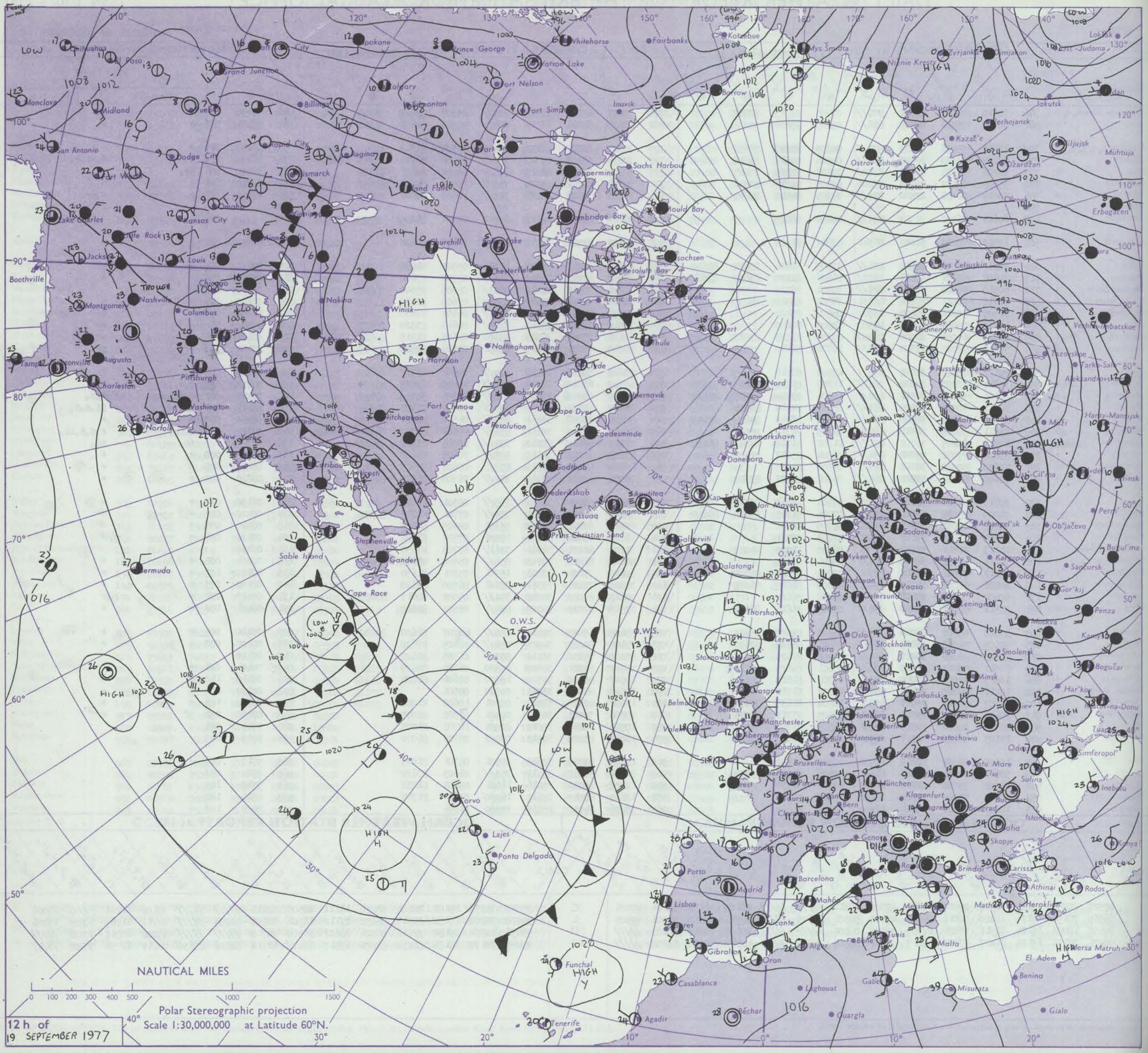
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19121	11905	98020	12612	12500	00211	/////	/////	00109	11150	30201	27006
L	99569	70199	19124	41420	98011	28512	45600	00301	84645	/////	0/11	11268	30906	09805
M	99655	10028	19124	32911	97021	27709	00909	00204	/////	/////	00107	10860	30402	/////
R	99471	70170	19124	81427	97022	18017	884//	00810	81815	88633	0/12	11756	30808	/////

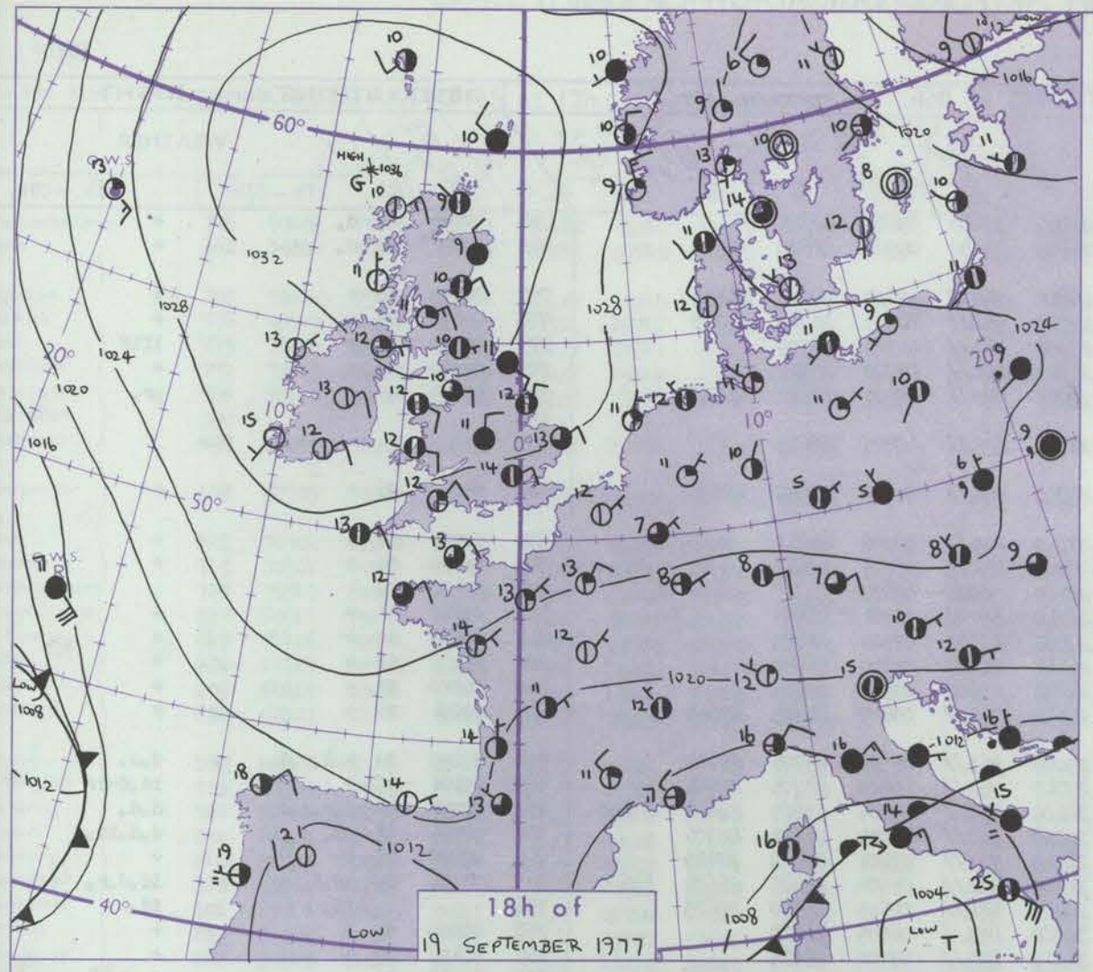
OCEAN WEATHER STATION REPORTS at 18h.

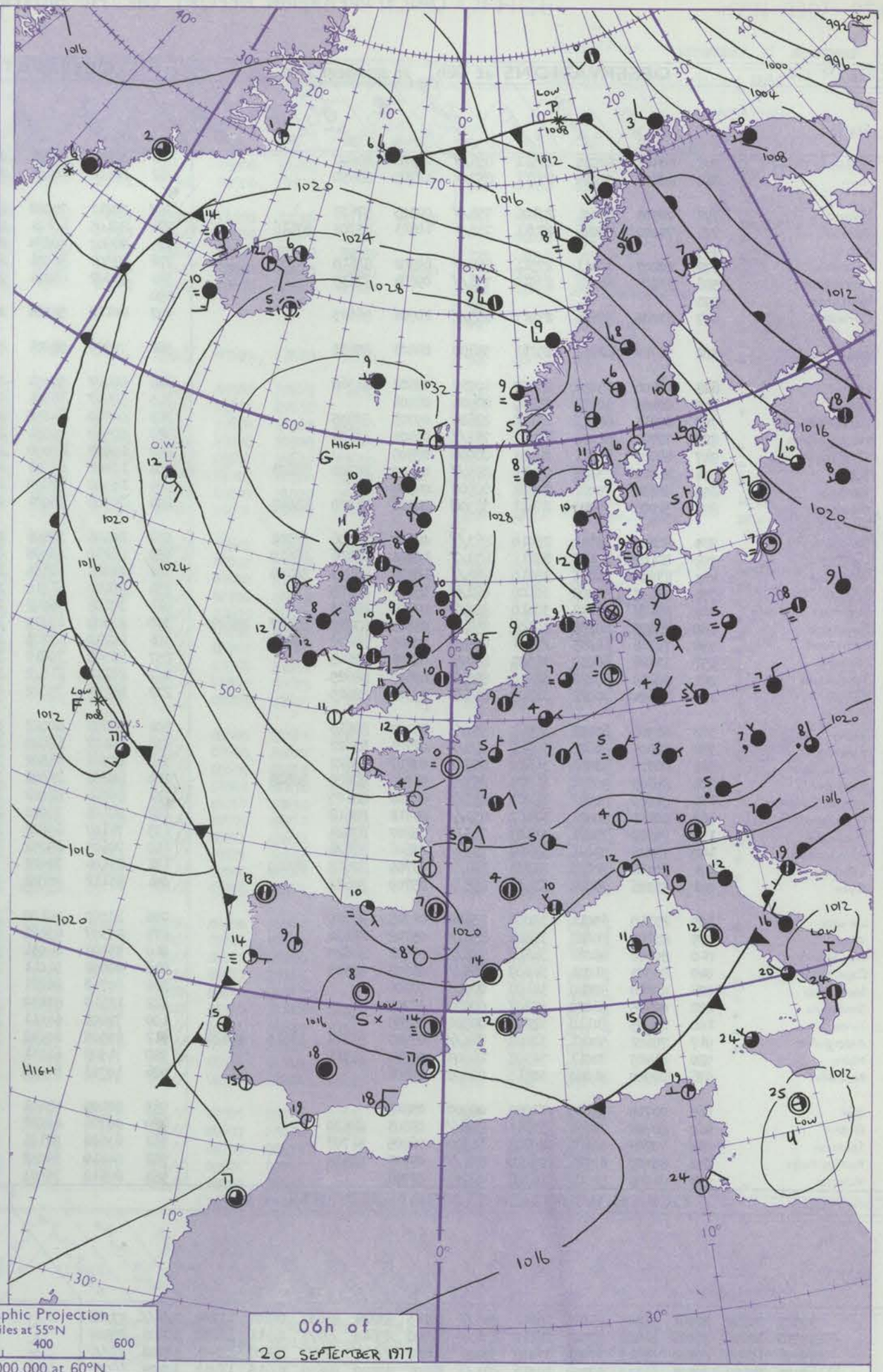
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19181	22604	98030	14111	22500	00211	/////	/////	05108	11226	3////	27006
L	99570	70200	19184	21317	96050	27112	16301	00807	81708	/////	0/11	11265	30806	17006
M	99656	10031	19184	32716	97021	26607	36300	00710	/////	/////	05206	10865	30402	/////
R	99469	70170	19184	81230	97022	15517	6847/	41714	82816	85630	0/14	11754	30808	/////

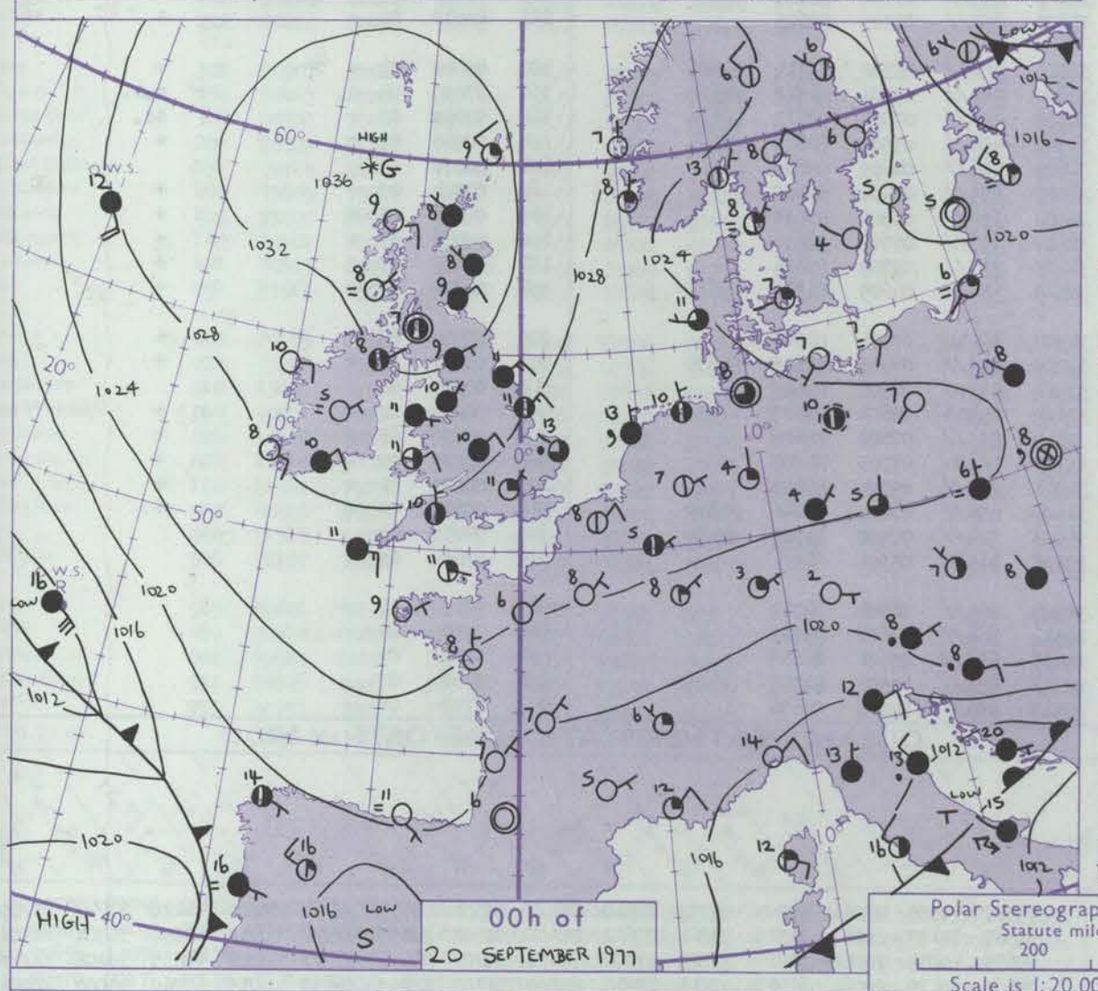
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 20 SEPTEMBER 1977

During the past 24 hours the anticyclone, centred just north of Scotland, remained slow-moving and little change is expected during the next 24 hours.

Code FM 11.V

OBSERVATIONS at 00h. 20 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	80308	62025	27511	856//	09806	88640		
Hurn	862	80206	58015	27211	857//	10705	88650		
Manston	797	70505	65031	27106	756//	04805	87638		
Gatwick	776	70000	50046	27711	753//	10803	83708	87616	
Kew	775								
Heathrow	772	20207	70011	27511	25400	09802	81619		
Honington	586	73404	66028	27910	756//	09804	87635		
Wattisham	590								
Gorleston	497	63002	58606	27913	655//	10704	86625		
Aberporth	502	50710	62012	29711	55600	08803	85635		
Filton	628	10406	35051	28809	10930	08802	81360		
Rhoose	715	00405	60021	28809	00900	07801			
Hartland Point	703	20815	68021	28111	28600	09708	82835		
Mount Batten	827	70707	62031	27512	757//	09804	87656		
St. Mawgan	817	00907	62021	28108	00900	07805			
Scilly	804	80913	75022	27411	885//	09400	84820	88623	
Culdrose	809	00207	70021	27808	00900	04804			
Guernsey	894	31006	75011	26411	38500	08806	81820	83645	
Elmdon	534	80208	58042	29910	863//	08702	85706	88708	
Cardington	559	80107	60101	28711	853//	10803	86706	88619	
Wittering	462	83509	56515	29210	862//	10804	86703	88705	
Watnall	354	83607	58505	30109	862//	08604	88705		
Shawbury	414	80108	58042	30310	855//	07804	88620		
Finningley	360	83609	60205	30309	854//	08605	83712	85617	88624
Spurn Point	396	70316	66035	29311	4557/	09605	84620	87360	
Leeming	257	83406	66032	31309	854//	06708	88618		
Tynemouth	262	80120	69022	32210	855//	08607	88625		
Carlisle	222	80604	70022	32309	855//	05807	88625		
Valley	302	80903	60022	30911	854//	08802	88616		
Ringway	334	73605	70022	30910	755//	07705	87622		
Squires Gate	318	80306	63032	31610	855//	07807	88622		
Ronaldsway	204	80308	80031	31509	855//	06708	82620	88628	
Mull of Galloway	131	81020	80022	31909	855//	04806	88625		
Eskdalemuir	162	80210	80022	32607	854//	04712	88618		
Prestwick	135	70000	70021	33307	755//	05807	87624		
Abbotsinch	140	70506	58041	33209	755//	07606	87626		
Leuchars	171	80412	70022	33309	854//	03709	82618	88620	
Dyce	091	83206	70022	33408	855//	05709	88622		
Lerwick	005	23310	65011	32009	25600	08705	82645		
Wick	075	83103	80022	33808	856//	05712	88634		
Sule Skerry	010	80000	66022	34810	855//	06708	88625		
Cape Wrath	049	80903	81031	34409	855//	06807	88625		
Stornoway	026	00810	82020	34109	00900	07804			
Benbecula	022	00505	86020	33207	00900	07709			
Tiree	100	00405	84110	32208	00900	08705			
Aldergrove	917	70602	50041	32408	754//	07703	81712	83615	87620
Malin	980	11405	72011	32307	16400	05704	81711		
Belmullet	976	00909	81020	30510	00900	09806			
Birr	965	00705	58100	31005	00900	03803			
Dublin	969	80708	70031	30811	855//	08803	88620		
Shannon	962	10705	60100	29708	16300	06805	81707		
Roches Point	952	80409	62021	29010	856//	07708	88634		
Valentia	953	01009	82020	28308	00900	07706			

OBSERVATIONS at 06h. 20 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	30207	62021	27009	35400	09605	82615		
Hurn	862	20604	40101	26609	25500	08502	82620		
Manston	797	70211	70022	26012	784//	07500	81818	87645	
Gatwick	776	80105	40101	27009	862//	09500	83704	88705	
Kew	775	70502	50284	27006	763//	06502	87709		
Heathrow	772	73502	58031	26910	764//	09702	87710		
Honington	586	72902	68031	26908	785//	08503	82822	86640	
Wattisham	590								
Gorleston	497	60115	58026	26513	655//	10705	86625		
Aberporth	502	70809	58051	28709	755//	08605	81620	87633	
Filton	628	80407	57051	27910	854//	08506	84711	88615	
Rhoose	715	70607	56051	27809	754//	08703	87612		
Hartland Point	703	00710	64050	27110	00900	09605			
Mount Batten	827	50909	50051	26710	55700	08501	85656		
St. Mawgan	817	10907	40050	27008	15500	07504	81625		
Scilly	804	10507	65031	26111	00901	09709	81080		
Culdrose	809	10306	57050	26708	15600	07502	81635		
Guernsey	894	70708	66021	25412	785//	08605	81825	87645	
Elmdon	534	80106	58506	29009	863//	08504	83706	88707	
Cardington	559	80210	58205	27710	862//	10605	85705	88708	
Wittering	462	73508	62505	28109	752//	09704	85705	84614	87640
Watnall	354	80107	61515	29209	872//	08704	86703	88706	
Shawbury	414	70108	56042	29309	755//	07604	82625	87629	
Finningley	360	83409	63035	29409	852//	08504	84705	86628	88650
Spurn Point	396	80210	63205	28410	854//	09605	85710	88625	
Leeming	257	83308	70012	30509	855//	06605	88620		
Tynemouth	262	80114	81022	31110	855//	07704	88625		
Carlisle	222	80503	75022	31209	855//	05705	88625		
Valley	302	80703	60022	30010	854//	08502	85714	88616	
Ringway	334	80107	65025	30009	854//	07504	81712	88622	
Squires Gate	318	80408	65502	30809	854//	07604	82618	88624	
Ronaldsway	204	80206	75022	30709	855//	05502	82620	88624	
Mull of Galloway	131	80814	82022	31609	856//	04605	88630		
Eskdalemuir	162	80105	75022	31907	855//	03604	88620		
Prestwick	135	71107	65022	32808	756//	05502	87630		
Abbotsinch	140	70605	65052	32809	756//	05501	87634		
Leuchars	171	83106	72022	31808	855//	04709	88626		
Dyce	091	83112	70022	31809	854//	06605	81718	88634	
Lerwick	005	33509	40100	31507	16131	07301	81702		
Wick	075	83307	65022	33209	855//	07603	82625	88636	
Sule Skerry	010	53408	66031	33910	45570	06706	84625		
Cape Wrath	049	40902	81011	33609	45500	05601	84625		
Stornoway	026	80710	80021	33610	855//	07602	88628		
Benbecula	022	10610	87030	33108	16300	07203	81708		
Tiree	100	72008	66011	31911	755//	09301	87620		
Aldergrove	917	80505	60042	31509	854//	07604	84616	88620	
Malin	980	71508	68031	31908	784//	07500	81716	87636	
Belmullet	976	10703	80030	30106	11502	05301	81821		
Birr	965	80405	48101	30608	864//	06301	88712		
Dublin	969	80706	60022	29511	864//	08606	88718		
Shannon	962	63602	57101	29407	656//	05601	86630		
Roches Point	952	80410	50052	27712	854//	10503	81713	88634	
Valentia	953	80810	75031	27112	856//	08606	88636		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97090	07	d.	+
Hurn	862	97070	04	d.	+
Manston	797	00050	01	+	+
Gatwick	776	00090	05	+	+
Kew	775	00050	52	+	1f1F
Heathrow	772	00090	05	+	+
Honington	586	97070	03	+	pr.
Wattisham	590				
Gorleston	497				
Aberporth	502	00090	06	+	+
Filton	628	00090	06	+	+
Rhoose	715	00080	04	+	+
Hartland Point	703	00100	08		
Mount Batten	827	00100	06	+	+
St. Mawgan	817	00070	05	+	+
Scilly	804	00100	07	+	+
Culdrose	809	00070	03	+	+
Guernsey	894	00091	03	+	+
Elmdon	534	97090	09	r.d.r.d.	d.d.
Cardington	559	95101	09	+	1d.d-dr
Wittering	462	92091	09	d.r.d.d.	d.d.
Watnall	354	97081	08	1d.	d.d.1d.
Shawbury	414	00090	08	+	+
Finningley	360	93081	07	1d.d	1d.d.r.
Spurn Point	396			1d.	1d.
Leeming	257	00090	08	+	+
Tynemouth	262	00100	09	+	+
Carlisle	222	00080	08	+	+
Valley	302	00100	09	+	+
Ringway	334	97090	08	d.	d.d.
Squires Gate	318	97090	08	+	1d.
Ronaldsway	204	00060	02	+	+
Mull of Galloway	131	00070			
Eskdalemuir	162	00071	05	+	+
Prestwick	135	00050	03	+	+
Abbotsinch	140	00080	07	+	+
Leuchars	171	00080	07	+	+
Dyce	091	00081	07	+	+
Lerwick	005	00071	05	+	+
Wick	075	00070	06	+	+
Sule Skerry	010	00070	04		
Cape Wrath	049	00081	02	+	+
Stornoway	026	00080	05	+	+
Benbecula	022	00070	00	+	+
Tiree	100	00070	51	+	+
Aldergrove	917	00070	00	+	+
Malin	980	9705	03		
Belmullet	976	9706	03		
Birr	965	9705	02		
Dublin	969	0009	04		
Shannon	962	9706	04		
Roches Point	952	9709	07		
Valentia	953	9707	04		

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20001	82805	98038	16811	845//	00213	83824	85632	05207	11224	3////	27/06
L	99570	70200	20004	81422	97021	28212	856//	31500	88640	/////	0//11	11232	30806	09805
M	99656	10032	20004	52815	97021	27408	55400	00802	/////	/////	05107	10851	30402	/////
R	99470	70162	20004	81330	97258	14516	885//	31801	83820	88630	0//15	11762	30809	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20061	82803	98258	16810	834//	00301	/////	/////	05209	11120	3////	27/05
L	99568	70197	20064	21315	98011	27612	25601	00502	82635	/////	0//11	11251	30804	10804
M	99655	10035	20064	72813	97022	27208	75400	00202	/////	/////	00008	10855	30402	/////£
R	99469	70170	20064	61913	97018	12516	68500	31303	83820	86630	0//15	11769	30000	12908

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. 42307

Date of Issue WEDNESDAY 21 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 20 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	60408	70011	27013	61400	08810	82717	86822	
Hurn	862	30208	75011	26714	28530	07710	82822		
Manston	797	73614	75158	25413	783//	10808	81706	83810	87630
Gatwick	776	43607	64021	26415	38532	08712	82825		
Kew	775	70106	80022	26813	784//	09811	83818	87630	
Heathrow	772	73409	70022	26913	784//	10614	84814	85630	
Honington	586	70110	56806	26812	783//	10705	82708	85812	87620
Wattisham	590								
Gorleston	497	80120	56808	26712	895//	10704	86920	88630	
Aberporth	502	80709	68022	28811	855//	07803	85620	88635	
Filton	628	70508	62052	27912	784//	09709	81712	84816	87630
Rhoose	715	70507	64032	27912	754//	08808	81710	85614	87625
Hartland Point	703	70810	64051	27813	68570	09603	81825	86635	
Mount Batten	827	60911	75022	26815	68500	09707	82820	86656	
St. Mawgan	817	71106	70031	27115	785//	09804	84820	84635	
Scilly	804	11113	62010	26616	12400	12801	81818		
Culdrose	809	60609	60051	27314	68400	10801	83816	85640	
Guernsey	894	80807	62216	26012	855//	08805	84625	87650	
Elmdon	534	80408	61045	28911	884//	07708	83812	87620	
Cardington	559	80309	59616	27912	884//	11706	83815	88640	
Wittering	462	83511	75255	28311	884//	09707	85812	88621	
Watnall	354	83508	57515	29110	873//	08808	85707	88716	
Shawbury	414	80309	62042	29111	884//	08607	82814	86630	88640
Finningley	360	83609	68026	29111	854//	07809	84615	88620	
Spurn Point	396	83610	66025	28611	854//	08704	82710	88625	
Leeming	257	80310	65022	29912	855//	05707	83626	88635	
Tynemouth	262	80219	61022	30312	855//	11810	88625		
Carlisle	222	80208	80032	30212	855//	07713	83625	88637	
Valley	302	80907	80022	29711	854//	08804	82618	88620	
Ringway	334	80407	62206	29711	854//	07707	83615	88630	
Squires Gate	318	80308	70025	30311	855//	07708	88626		
Ronaldsway	204	80506	81022	30411	855//	05806	88627		
Mull of Galloway	131	70710	82012	31110	756//	05608	87630		
Eskdalemuir	162	73609	75012	30610	785//	05809	82825	87645	
Prestwick	135	73202	64022	32111	756//	05808	81638	87645	
Abbotsinch	140	80404	70022	31812	856//	05708	82630	88645	
Leuchars	171	70309	65012	31113	784//	07809	81818	85632	87640
Dyce	091	83513	65052	31411	854//	06605	81710	88612	
Lerwick	005	20109	65010	31112	21400	10706	82812		
Wick	075	73508	70052	32712	755//	07706	81625	87636	
Sule Skerry	010	13607	74021	34013	11500	08603	81820		
Cape Wrath	049	40903	69011	33511	45500	06802	84625		
Stornoway	026	10608	80021	33512	11500	06802	81824		
Benbecula	022	10810	80020	33012	15400	08702	81618		
Tiree	100	81512	75052	32211	854//	08102	82618	88630	
Aldergrove	917	80806	80032	31710	855//	04805	88626		
Malin	980	81310	80022	31711	854//	06703	81717	88632	
Belmullet	976	21107	70030	30015	21500	09705	82820		
Birr	965	80606	58102	30111	864//	08502	88717		
Dublin	969	80810	65052	30012	855//	06201	84622	88630	
Shannon	962	80808	61102	29113	856//	09801	88630		
Roches Point	952	80606	40052	28513	854//	10103	83712	88637	
Valentia	953	80708	70022	27614	856//	09000	88636		

OBSERVATIONS at 18h. 20 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	70207	60025	26012	784//	09500	81818	84625	87640
Hurn	862	20408	65011	25512	18542	09500	81825		
Manston	797	80210	38628	24712	6232/	11500	82706	84710	88540
Gatwick	776	70207	58041	25513	784//	09500	83816	87650	
Kew	775	80108	65022	25713	854//	09501	85710	88620	
Heathrow	772	70109	65022	26113	784//	09500	82813	84628	85650
Honington	586	83608	65018	26012	884//	08501	82813	88624	
Wattisham	590								
Gorleston	497								
Aberporth	502	80805	62022	27511	855//	07604	83620	88630	
Filton	628	70407	57052	26911	754//	08503	82618	87630	
Rhoose	715	70408	60012	26612	757//	07602	87650		
Hartland Point	703	70512	66052	26413	68530	09604	81825	86650	
Mount Batten	827	31103	61011	25813	38531	09500	81828	83645	
St. Mawgan	817	72002	70028	26313	755//	09601	84620	87630	
Scilly	804	80905	60021	26013	885//	11301	81820	88625	
Culdrose	809	80404	62052	26313	885//	09303	81820	88630	
Guernsey	894	70407	75028	25213	785//	09601	81820	87650	
Elmdon	534	80206	58046	27810	884//	07602	81814	88624	
Cardington	559	80310	50606	26811	873//	10602	83707	85709	88712
Wittering	462	83609	60028	27311	884//	07602	81815	88630	
Watnall	354	83303	57055	27810	854//	08706	88619		
Shawbury	414	80208	57042	27811	854//	07605	84618	88621	
Finningley	360	83408	62022	27312	854//	08706	82618	88622	
Spurn Point	396	83310	60022	26812	855//	08707	88625		
Leeming	257	73607	65042	28112	756//	07706	87634		
Tynemouth	262	80217	56602	28611	855//	11709	88625		
Carlisle	222	70406	63022	28512	755//	09709	81625	87640	
Valley	302	80603	62022	28311	854//	08505	81615	88620	
Ringway	334	83002	59022	28311	855//	07605	88622		
Squires Gate	318	73305	67012	28611	784//	08609	81818	87627	
Ronaldsway	204	70102	70022	28910	756//	05510	81630	87636	
Mull of Galloway	131	70000	75012	29211	756//	06711	87630		
Eskdalemuir	162	83507	65605	29209	854//	07709	84712	88630	
Prestwick	135	70502	58042	30111	756//	08711	83637	87645	
Abbotsinch	140	82702	65022	29811	856//	07711	85638	88650	
Leuchars	171	70211	65022	29612	784//	07708	82818	87630	
Dyce	091	73412	65052	30111	754//	09707	85711	87630	
Lerwick	005	33505	82020	30008	38401	08804	81818	83623	
Wick	075	23307	65051	31509	15741	07708	81656		
Sule Skerry	010	83410	84031	32511	855//	06710	88620		
Cape Wrath	049	70502	70021	31910	785//	06713	87625		
Stornoway	026	10513	75050	31811	11470	08612	81818		
Benbecula	022	50905	75021	31609	58400	08710	81818	84635	
Tiree	100	70000	75012	30511	755//	09711	81620	87632	
Aldergrove	917	70302	68022	30010	755//	05506	87625		
Malin	980	70911	80022	30111	754//	05611	81718	87636	
Belmullet	976	70508	68021	28412	785//	08706	82821	85628	
Birr	965	70404	58102	28411	764//	08505	85716	87631	
Dublin	969	80308	63052	28611	855//	06607	85620	88640	
Shannon	962	80807	59102	27412	856//	09708	88635		
Roches Point	952	70408	58052	27612	784//	09501	82712	87639	
Valentia	953	80608	62052	26713	856//	09603	88636		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97140	044	+	d.
Hurn	862	00160	069	+	+
Manston	797	01151	001	pr.	pr.d.rr.
Gatwick	776	00160	049	+	+
Kew	775	00140	005	+	+
Heathrow	772	00140	004	+	+
Honington	586	97140	002	d.dd.r.pr.	+
Wattisham	590				
Gorleston	497		003		
Aberporth	502	00110	000	+	+
Filton	628	00130	003	+	+
Rhoose	715	00130	001	+	+
Hartland Point	703	00130	045		
Mount Batten	827	00160	043	+	+
St. Mawgan	817	97150	008	pr.	+
Scilly	804	00160	066	+	+
Culdrose	809	97141	021	+	ir.
Guernsey	894	92131	001	pr.ir.pr.	pr.
Elmdon	534	97110	000	r.	+
Cardington	559	91131	000	ir.r.r.d.r.	ir.r.
Wittering	462	97121	003	pr.	pr.
Watnall	354	97110	000	id.d.d.	+
Shawbury	414	00120	000	+	+
Finningley	360	97121	000	d.r.id.	+
Spurn Point	396			+	+
Leeming	257	97130	000	+	r.
Tynemouth	262	97120	000	+	ir.
Carlisle	222	00130	005	+	+
Valley	302	00130	000	+	+
Ringway	334	97110	000	r.d.	+
Squires Gate	318	00120	000	+	+
Ronaldsway	204	00110	000	+	+
Mull of Galloway	131	00120			
Eskdalemuir	162	97111	000	id.	ir.
Prestwick	135	00120	000	+	+
Abbotsinch	140	00120	000	+	+
Leuchars	171	00130	000	+	+
Dyce	091	00120	000	+	+
Lerwick	005	00130	079	+	+
Wick	075	00130	008	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00110	032	+	+
Stornoway	026	00120	085	+	+
Benbecula	022	00130	071	+	+
Tiree	100	00120	000	+	+
Aldergrove	917	00110	000	+	+
Malin	980	0012	000		
Belmullet	976	9716	071		
Birr	965	0012	000		
Dublin	969	0012	000		
Shannon	962	9713	000		
Roches Point	952	0014	001		
Valentia	953	0014	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

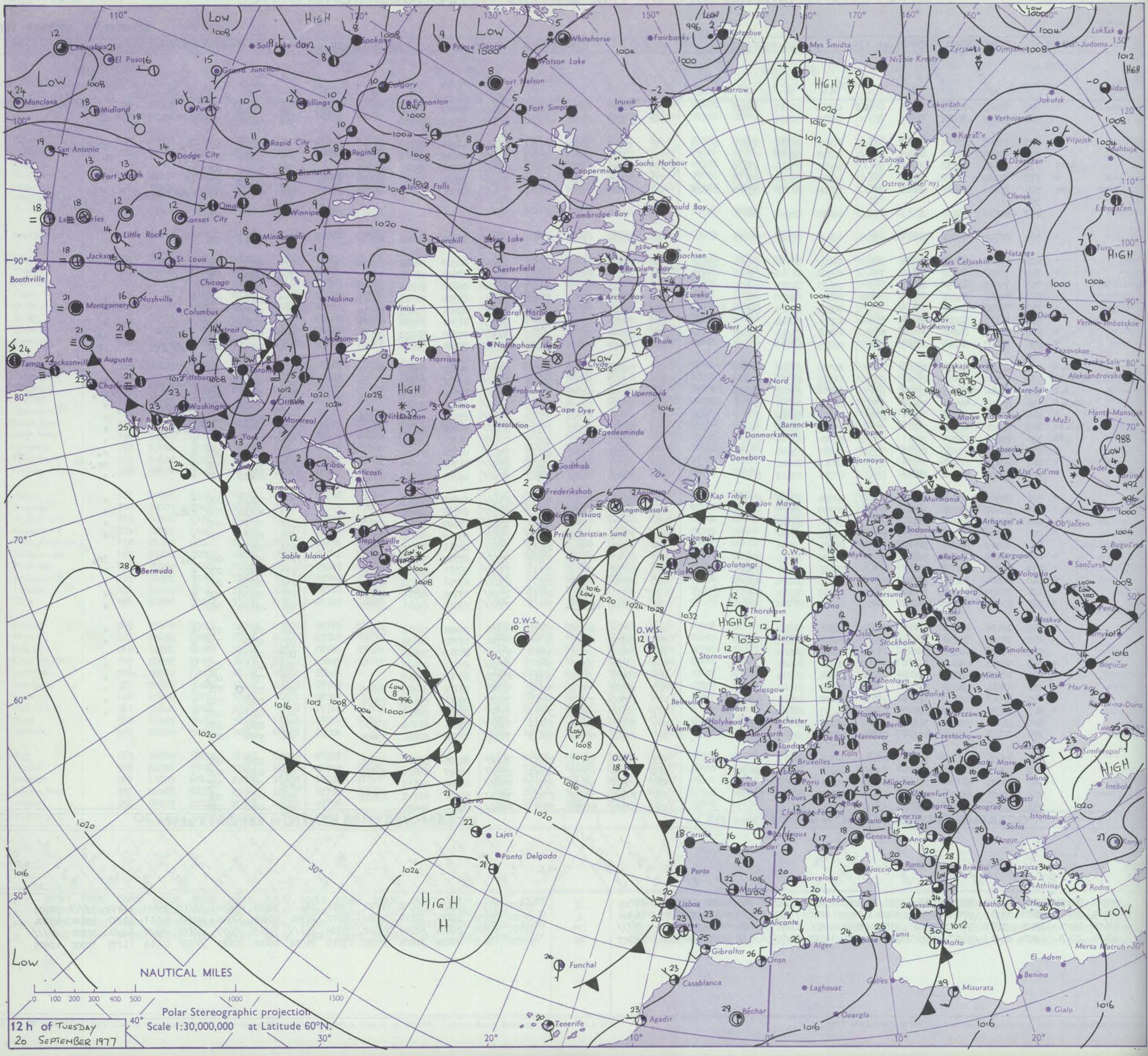
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20121	89902	98038	17910	856//	00400	88630	/////	05108	11136	3////	27905
L	99569	70198	20124	11215	97051	27612	00901	00803	81080	/////	0/A0	11255	30704	16904
M	99655	10036	20124	72812	97022	27708	76200	00400	/////	/////	05007	10875	30402	/////
R	99470	70171	20124	21710	98021	15718	28530	00211	82820	/////	0//A5	11740	30000	12907

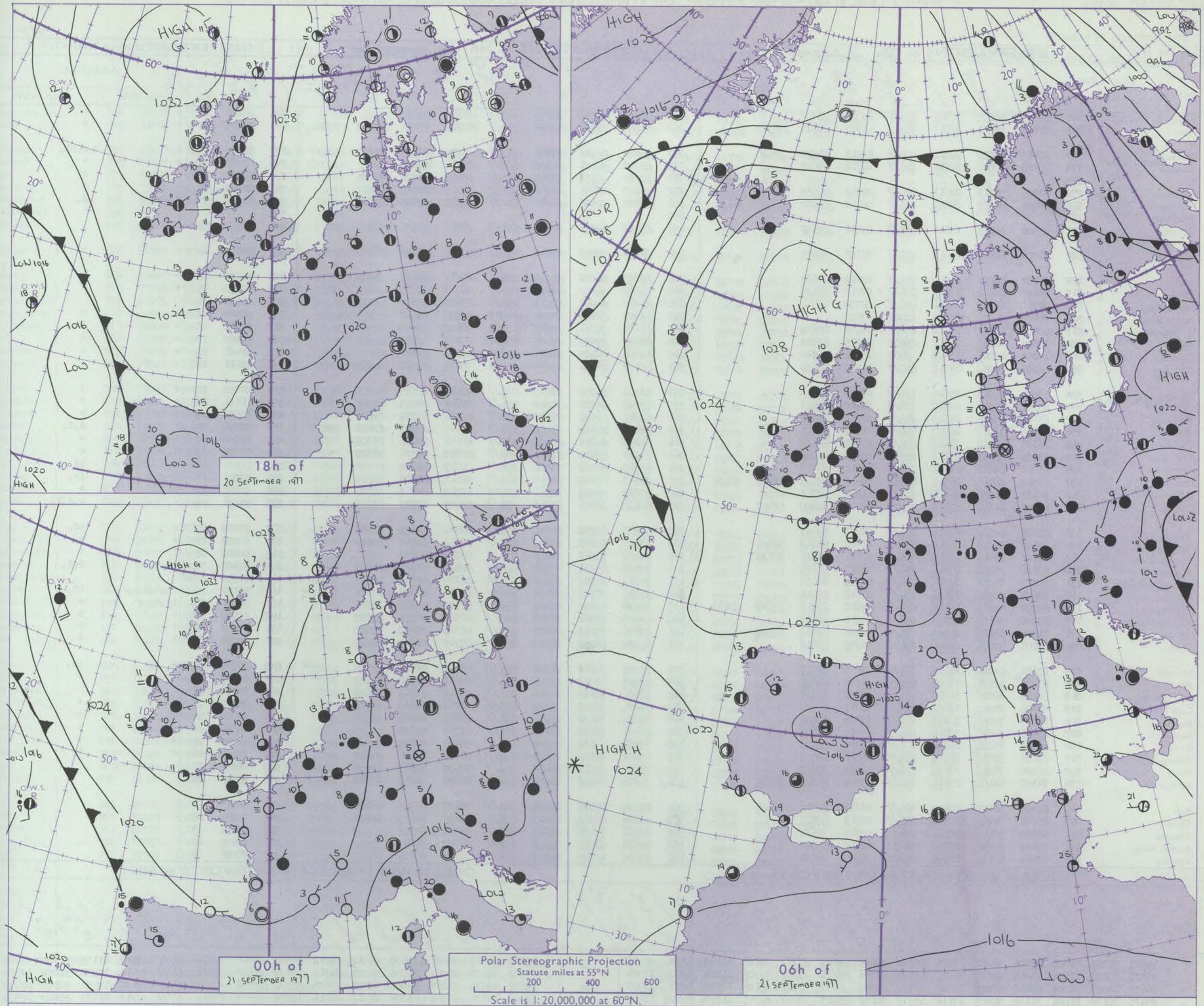
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20181	81002	98022	17910	856//	00803	88630	/////	05207	11178	3////	27905
L	99570	70198	20184	31214	98020	26812	26301	00506	82708	83080	0/A1	11272	30804	17904
M	99657	10029	20184	82207	96022	25708	862//	71713	/////	/////	05107	10861	30301	/////
R	99470	70172	20184	31804	98038	15818	24530	00102	82623	/////	0//A6	11773	30000	12905

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 21 SEPTEMBER 1977

During the past 24 hours an anticyclone north of Scotland has remained almost stationary and during the next 24 hours is expected to remain slow-moving.

Code FM 11.V — **OBSERVATIONS at 00h.** 21 SEPTEMBER 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	83505	59052	25409	863//	07708	88707		
Hurn	862	70207	58011	25011	5563/	08707	85643	86360	
Manston	797	80115	75026	22912	884//	10813	81818	88626	
Gatwick	776	70206	57042	24511	756//	08812	87643		
Kew	775								
Heathrow	772	63509	56012	24811	656//	08712	86635		
Honington	586	82906	62025	24410	855//	08710	88620		
Wattisham	590								
Gorleston	497	82506	66022	23611	856//	08712	88633		
Aberporth	502	81006	62022	26610	855//	07708	88625		
Filton	628	80202	58052	26010	856//	08710	88638		
Rhoose	715	70507	60012	25810	756//	07710	87635		
Hartland Point	703	81310	66032	25511	856//	08709	88641		
Mount Batten	827	00402	57050	25408	00900	07808			
St. Mawgan	817	80000	60022	25612	856//	09810	88630		
Scilly	804	20508	62011	24711	25500	09715	82628		
Culdrose	809	10205	68026	25309	15600	08712	81645		
Guernsey	894	80308	63052	24212	857//	11712	88650		
Elmdon	534	83204	50042	26110	855//	07813	88620		
Cardington	559	83306	60056	25510	855//	09710	88623		
Wittering	462	83106	59022	25510	855//	07711	88628		
Watnall	354	83005	35052	25910	855//	08713	88627		
Shawbury	414	83305	50042	26610	855//	07713	88620		
Finningley	360	83309	58042	25311	855//	09713	88626		
Spurn Point	396	83211	66022	24812	855//	10711	88625		
Leeming	257	83310	57516	26510	853//	09810	82708	85615	88635
Tynemouth	262	80122	61506	26911	864//	11812	88715		
Carlisle	222	80306	61212	27910	855//	08709	82620	88627	
Valley	302	80202	60022	27410	855//	07710	88623		
Ringway	334	83102	50042	26610	854//	07712	82617	88626	
Squires Gate	318	70202	62012	27012	755//	09711	81627	87638	
Ronaldsway	204	83606	75022	27311	856//	06713	88645		
Mull of Galloway	131	80811	74032	28211	856//	09709	88630		
Eskdalemuir	162	83604	50586	28408	874//	07712	88710		
Prestwick	135	80702	45515	29210	854//	09610	83717	85620	87630
Abbotsinch	140	80000	56102	28910	856//	09810	88635		
Leuchars	171	70308	65022	28909	755//	06708	82620	87630	
Dyce	091	23208	40101	29006	26400	06709	82712		
Lerwick	005	23304	84011	28607	22400	07810	82817		
Wick	075	63302	62101	30107	655//	06711	86621		
Sule Skerry	010	80205	66022	31010	855//	07708	88620		
Cape Wrath	049	80504	70022	30609	855//	06711	88620		
Stornoway	026	80309	70051	30910	856//	07808	88638		
Benbecula	022	80706	70031	30810	855//	09708	88628		
Tiree	100	83607	75022	29510	856//	08711	88633		
Aldergrove	917	83602	59032	28509	855//	06812	88629		
Malin	980	80000	75022	29109	856//	06709	88632		
Belmullet	976	71308	64102	27611	754//	07809	81718	87628	
Birr	965	80805	56102	27809	864//	06708	84714	88626	
Dublin	969	83403	70022	27510	855//	06813	88625		
Shannon	962	80909	50102	26911	856//	08710	88633		
Roches Point	952	80103	59052	26410	856//	08712	88640		
Valentia	953	60304	62102	26009	65600	08808	86636		

OBSERVATIONS at 06h. 21 SEPTEMBER 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	83405	58052	23109	855//	07613	88620		
Hurn	862	83507	56032	23010	853//	07709	83708	85622	88640
Manston	797	83412	65032	20711	883//	09715	82708	85810	88630
Gatwick	776	83202	40101	22208	855//	07714	88626		
Kew	775	83203	48058	22010	855//	08612	82620	88625	
Heathrow	772	83107	45051	22410	855//	08615	81622	88627	
Honington	586	83008	40106	21110	852//	09615	85705	88626	
Wattisham	590								
Gorleston	497	83107	64022	20311	856//	08715	88631		
Aberporth	502	71107	58052	24610	755//	06710	87628		
Filton	628	83503	56052	23910	854//	07611	82616	88630	
Rhoose	715	83502	58052	23909	856//	06813	88635		
Hartland Point	703	81010	64022	23811	856//	08608	88640		
Mount Batten	827	13402	56100	23806	10930	06507	81362		
St. Mawgan	817	11003	58051	23907	15600	06609	81640		
Scilly	804	20805	70030	23409	25500	07708	82625		
Culdrose	809	10205	50100	23707	15600	07707	81640		
Guernsey	894	50307	66011	22611	58400	09608	82815	84645	
Elmdon	534	83306	50042	23510	855//	07613	88625		
Cardington	559	83308	32052	22510	856//	09614	88635		
Wittering	462	83210	56032	22310	853//	08716	83709	88628	
Watnall	354	83206	48205	23109	853//	08715	83707	83620	88624
Shawbury	414	83205	50042	24109	855//	08611	84626	88632	
Finningley	360	83210	50045	22610	853//	08715	82706	88628	
Spurn Point	396	83013	64022	21711	855//	09715	88625		
Leeming	257	83310	57045	24010	854//	08611	83615	88624	
Tynemouth	262	80223	56025	24811	4742/	10710	84715	88525	
Carlisle	222	80208	63026	25210	855//	08612	83625	88635	
Valley	302	80203	60202	24611	855//	09714	82620	88626	
Ringway	334	83406	58022	24210	854//	07712	81615	88620	
Squires Gate	318	80107	65022	24811	856//	08712	88635		
Ronaldsway	204	80305	65502	25510	884//	08607	82818	88628	
Mull of Galloway	131	80717	74022	26111	856//	06709	88630		
Eskdalemuir	162	83511	58026	26108	855//	05611	88622		
Prestwick	135	80805	60045	27209	856//	07509	82630	88636	
Abbotsinch	140	80000	57042	27010	855//	08509	83624	88635	
Leuchars	171	83606	70022	26509	855//	06713	83620	88625	
Dyce	091	83207	56051	26908	854//	07710	84713	88618	
Lerwick	005	83508	50021	26708	863//	08809	81706	87710	
Wick	075	83205	62052	27808	854//	07611	83618	88622	
Sule Skerry	010	83608	62031	29010	884//	08610	84815	88620	
Cape Wrath	049	81405	75022	28209	885//	07712	86820	88625	
Stornoway	026	80706	70052	28410	855//	07611	88626		
Benbecula	022	80405	70022	28409	855//	07714	88625		
Tiree	100	80506	64112	27309	856//	08608	88635		
Aldergrove	917	80402	40042	26608	854//	07710	82618	88632	
Malin	980	82105	70022	26910	854//	07609	82715	88632	
Belmullet	976	70804	64102	26010	754//	06608	81719	87630	
Birr	965	80304	58102	26208	864//	06607	85715	88626	
Dublin	969	83506	70022	25509	855//	05708	86625	88635	
Shannon	962	80402	57102	25710	855//	08705	88628		
Roches Point	952	80408	57052	24710	856//	06707	88645		
Valentia	953	80000	62102	24310	856//	09708	88636		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00090	08	+	+
Hurn	862	00090	09	+	+
Manston	797	97110	10	+	r.id.
Gatwick	776	00060	00	+	+
Kew	775	00060	51	+	+
Heathrow	772	00080	02	+	+
Honington	586	91090	09	d.-d.r.	d.
Wattisham	590				
Gorleston	497				
Aberporth	502	00090	08	+	+
Filton	628	00090	08	+	+
Rhoose	715	00090	08	+	+
Hartland Point	703	00100	10		
Mount Batten	827	00060	02	+	+
St. Mawgan	817	00060	02	+	+
Scilly	804	00090	02	+	+
Culdrose	809	97061	02	+	+
Guernsey	894	00111	08	+	+
Elmdon	534	00090	09	+	+
Cardington	559	00101	09	+	+
Wittering	462	00091	09	+	+
Watnall	354	97090	09	+	d.d.
Shawbury	414	00090	08	+	+
Finningley	360	97090	09	d.	+
Spurn Point	396			+	id.
Leeming	257	97091	09	ir.d.d.	id.
Tynemouth	262	97100	09	id.	+
Carlisle	222	97091	09	r.	r.d.d.
Valley	302	97100	09	+	id.
Ringway	334	00090	09	+	+
Squires Gate	318	00100	09	+	+
Ronaldsway	204	97100	09	+	d.d.
Mull of Galloway	131	00090			
Eskdalemuir	162	97081	07	id.d.r.d.r.	id.
Prestwick	135	97091	08	id.d.d.	+
Abbotsinch	140	00090	08	+	+
Leuchars	171	00090	08	+	+
Dyce	091	00050	01	+	+
Lerwick	005	97060	03	+	id.
Wick	075	00040	01	+	+
Sule Skerry	010	00070	03		
Cape Wrath	049	00090	07	+	+
Stornoway	026	00080	06	+	+
Benbecula	022	00091	08	+	+
Tiree	100	00090	07	+	+
Aldergrove	917	00070	06	+	+
Malin	980	0009	08		
Belmullet	976	9709	08		
Birr	965	0008	08		
Dublin	969	0009	08		
Shannon	962	0010	09		
Roches Point	952	0010	10		
Valentia	953	9709	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	21001	80806	98022	17511	855//	00804	88629	/////	05105	11160	3//01	09/05
L	99570	70199	21004	81419	98031	26012	855//	31706	88624	/////	0//08	11264	30804	17904
M	99658	10029	21004	83110	97022	24808	863//	00709	/////	/////	05106	10850	30301	/////
R	99470	70170	21004	71609	97808	17116	6357/	00103	85923	/////	0//15	11770	30000	12905

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	21061	50609	98012	14210	55500	00714	/////	/////	05207	11135	3//03	09/05
L	99570	70205	21064	81210	98022	24312	855//	00605	88620	/////	0//11	11232	30804	17804
M	99657	10030	21064	83012	97022	23608	855//	00706	/////	/////	00108	10858	30302	/////
R	99469	70171	21064	13008	98018	16816	12530	00602	81823	/////	0//15	11777	30000	12904

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. 42308

Date of Issue THURSDAY 22 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 21 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	83307	59052	22111	884//	07705	83815	85628	88645
Hurn	862	83308	57052	22212	854//	08805	81715	83635	88640
Manston	797	83107	50056	20012	864//	09706	83710	83814	88650
Gatwick	776	83108	50042	21211	854//	08709	81612	83630	88640
Kew	775	82905	58052	20813	884//	08811	84818	88635	
Heathrow	772	73009	58052	21113	784//	09712	82818	87650	
Honington	586	83008	34205	19812	852//	11709	85703	84709	88630
Wattisham	590								
Gorleston	497	80311	60025	19014	855//	10708	88625		
Aberporth	502	81305	48502	24410	883//	09400	81708	83815	88625
Filton	628	83405	57052	23111	854//	07705	82618	88635	
Rhoose	715	73305	58052	23212	756//	07805	87636		
Hartland Point	703	80603	66022	24111	856//	06003	88645		
Mount Batten	827	82902	56051	23613	856//	09804	83632	88645	
St. Mawgan	817	70000	57051	23813	784//	09802	83811	87635	
Scilly	804	20000	62011	23714	11530	11801	81820		
Culdrose	809	82405	60051	23713	884//	08502	81714	83625	88640
Guernsey	894	70207	75031	22713	785//	08802	83822	87630	
Elmdon	534	83407	40512	22610	853//	09806	83709	86712	88620
Cardington	559	83506	56502	21312	853//	10610	84709	85712	88630
Wittering	462	83507	25515	21411	872//	11708	83703	86704	88706
Watnall	354	80109	40205	22312	883//	09705	83709	88640	
Shawbury	414	83510	56042	23112	856//	09706	83633	88645	
Finningley	360	80109	62202	22212	854//	09803	82710	85614	88625
Spurn Point	396	80115	64025	21513	6557/	10501	86625	88460	
Leeming	257	80113	59045	23712	854//	09703	84714	88620	
Tynemouth	262	80220	61022	24011	855//	10104	88625		
Carlisle	222	80406	56515	24910	853//	09604	82709	85713	88623
Valley	302	80102	72202	24412	855//	09501	85620	88626	
Ringway	334	83306	30512	23411	873//	10706	83708	88710	
Squires Gate	318	80208	65032	24212	885//	09704	81823	85627	88635
Ronaldsway	204	80511	65035	24912	884//	07603	81719	83822	88640
Mull of Galloway	131	80713	70032	25412	855//	06604	83625	88650	
Eskdalemuir	162	83610	65025	25510	854//	07505	86716	88630	
Prestwick	135	70904	63032	26212	755//	06709	86626	87650	
Abbotsinch	140	70402	68022	26013	786//	06710	82830	87645	
Leuchars	171	80508	70032	25811	854//	07710	85616	88625	
Dyce	091	80111	66032	26010	854//	07609	83613	88616	
Lerwick	005	83511	60505	25409	853//	08610	82708	86712	88617
Wick	075	80306	65052	27110	854//	07707	82715	88625	
Sule Skerry	010	83610	58052	28211	855//	09709	88620		
Cape Wrath	049	80508	63022	27610	864//	08810	88715		
Stornoway	026	80910	70052	27711	855//	07809	82622	88640	
Benbecula	022	80406	75022	27311	855//	09811	85627	88635	
Tiree	100	70206	65032	26413	785//	07809	81822	87635	
Aldergrove	917	80504	60042	26311	855//	08703	88629		
Malin	980	82202	68105	26212	854//	09706	82717	88645	
Belmullet	976	81506	68022	25912	854//	05703	81719	88634	
Birr	965	80101	62022	25910	864//	07702	86714	88629	
Dublin	969	80307	63205	25212	854//	08801	83716	88625	
Shannon	962	80703	63102	25012	856//	07707	88637		
Roches Point	952	70707	57051	24714	785//	08802	87822		
Valentia	953	32503	61051	24314	32500	10501	83825		

OBSERVATIONS at 18h. 21 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	83408	35502	20610	872//	09703	83704	86706	88712
Hurn	862	83407	57052	20612	855//	08604	84620	88635	
Manston	797	83207	24215	18113	853//	11706	82708	86615	88640
Gatwick	776	83106	38502	19511	873//	10708	88707		
Kew	775	83407	35505	19412	873//	11708	85708	88710	
Heathrow	772	83105	30506	19812	873//	11706	82707	85709	88712
Honington	586	73409	57216	19012	755//	11701	81625	87640	
Wattisham	590								
Gorleston	497	83514	62022	18314	885//	11501	84820	88630	
Aberporth	502	70205	62035	22711	785//	08604	83820	87645	
Filton	628	83605	56052	21511	854//	08705	82618	88635	
Rhoose	715	83002	58052	21912	856//	07502	86630	88645	
Hartland Point	703	80208	60022	22512	855//	07606	88625		
Mount Batten	827	73606	57052	22013	756//	08705	87645		
St. Mawgan	817	70000	56058	22512	756//	09604	87630		
Scilly	804	73507	62021	22314	755//	10707	87625		
Culdrose	809	73204	58052	22313	754//	10605	82714	87630	
Guernsey	894	83508	59052	21712	856//	08604	85630	88650	
Elmdon	534	83606	30506	21711	852//	10702	86705	88618	
Cardington	559	80110	58056	20312	854//	11604	86712	88615	
Wittering	462	83507	42505	20711	872//	10701	84705	88706	
Watnall	354	83507	35516	21511	854//	09703	86712	88640	
Shawbury	414	83406	14515	22211	851//	10605	81702	83706	88616
Finningley	360	73510	59042	21412	754//	09802	82612	87623	
Spurn Point	396	83617	64026	20812	864//	10400	88715		
Leeming	257	83512	57046	23011	854//	08802	86710	88620	
Tynemouth	262	83618	61505	23811	864//	11604	88718		
Carlisle	222	80405	57045	24110	854//	09704	82618	88628	
Valley	302	80403	65022	23113	885//	09703	81820	88626	
Ringway	334	80108	57025	22612	854//	08502	83715	88620	
Squires Gate	318	70708	60012	23012	755//	10705	84625	87635	
Ronaldsway	204	80409	64022	23411	854//	08703	81713	88640	
Mull of Galloway	131	80806	74022	24111	856//	07705	88630		
Eskdalemuir	162	83602	62022	24609	854//	07603	85710	88627	
Prestwick	135	80000	59042	24812	856//	07706	85640	88650	
Abbotsinch	140	80102	70022	24711	856//	07703	86632	88650	
Leuchars	171	80507	63022	24511	864//	07701	82712	88714	
Dyce	091	83307	60055	24909	863//	06702	81709	88714	
Lerwick	005	80314	70205	23608	854//	08506	84712	88618	
Wick	075	83205	65052	25109	854//	08606	84619	88625	
Sule Skerry	010	83610	64022	26210	4552/	08606	84625	88460	
Cape Wrath	049	80506	66022	25910	864//	07704	88715		
Stornoway	026	80607	75032	25911	855//	08605	84620	88632	
Benbecula	022	71002	75022	25710	755//	08607	87628		
Tiree	100	73602	66022	24911	756//	07706	87635		
Aldergrove	917	70103	60042	24611	756//	07708	87635		
Malin	980	80000	70102	24912	885//	09705	81820	88650	
Belmullet	976	81004	70022	24311	854//	06706	81719	88634	
Birr	965	70000	60102	24011	754//	08607	83717	87633	
Dublin	969	83505	62502	23811	855//	08603	84620	88630	
Shannon	962	80703	57102	23412	856//	08707	88640		
Roches Point	952	80000	50052	23512	856//	09606	88640		
Valentia	953	32805	61050	23013	32500	09605	83827		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97120	000	+	d.
Hurn	862	97131	000	+	d.d.
Manston	797	97130	000	+	d.dd.r.-r.d.
Gatwick	776	97131	000	+	d.-d.r.d
Kew	775	97130	001	d.	d.
Heathrow	772	97130	001	r.d.r.	d.r.d.d.
Honington	586	95131	000	d.dd.d.id.r.r	d.id.r.
Wattisham	590				
Gorleston	497		000		
Aberporth	502	92111	000	id.	+
Filton	628	00120	000	+	+
Rhoose	715	00130	000	+	+
Hartland Point	703	00130	000		
Mount Batten	827	00140	000	+	+
St. Mawgan	817	97130	010	pr.	+
Scilly	804	00170	068	+	+
Culdrose	809	00150	022	+	+
Guernsey	894	00141	041	+	+
Elmdon	534	97121	000	d.d.	d.d.-d.r.d.r.
Cardington	559	94131	000	d.d.	r.id.
Wittering	462	94121	000	d.d.	d.d.
Watnall	354	97120	000	d.d.-d.r.	d.d.
Shawbury	414	97121	000	d.	d.d.
Finningley	360	97130	000	d.	id.
Spurn Point	396			+	ir.
Leeming	257	97131	000	d.-r.	r.d.-d.r.
Tynemouth	262	97120	000	+	id.
Carlisle	222	91110	000	d.d.	+
Valley	302	97140	000	id.	+
Ringway	334	97120	000	d.d.	d.
Squires Gate	318	00130	000	+	+
Ronaldsway	204	00130	000	+	+
Mull of Galloway	131	00120			
Eskdalemuir	162	97101	000	id.	r.
Prestwick	135	00130	003	+	+
Abbotsinch	140	00130	001	+	+
Leuchars	171	00120	000	+	+
Dyce	091	97110	000	d.	d.
Lerwick	005	97101	000	id.d.d.	d.d.
Wick	075	91111	000	+	id.
Sule Skerry	010	00121			
Cape Wrath	049	00101	000	+	+
Stornoway	026	00110	000	+	+
Benbecula	022	00110	000	+	+
Tiree	100	00130	000	+	+
Aldergrove	917	00120	000	+	+
Malin	980	9713	000		
Belmullet	976	0013	000		
Birr	965	0012	000		
Dublin	969	9712	000		
Shannon	962	0013	000		
Roches Point	952	0014	023		
Valentia	953	0016	056		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

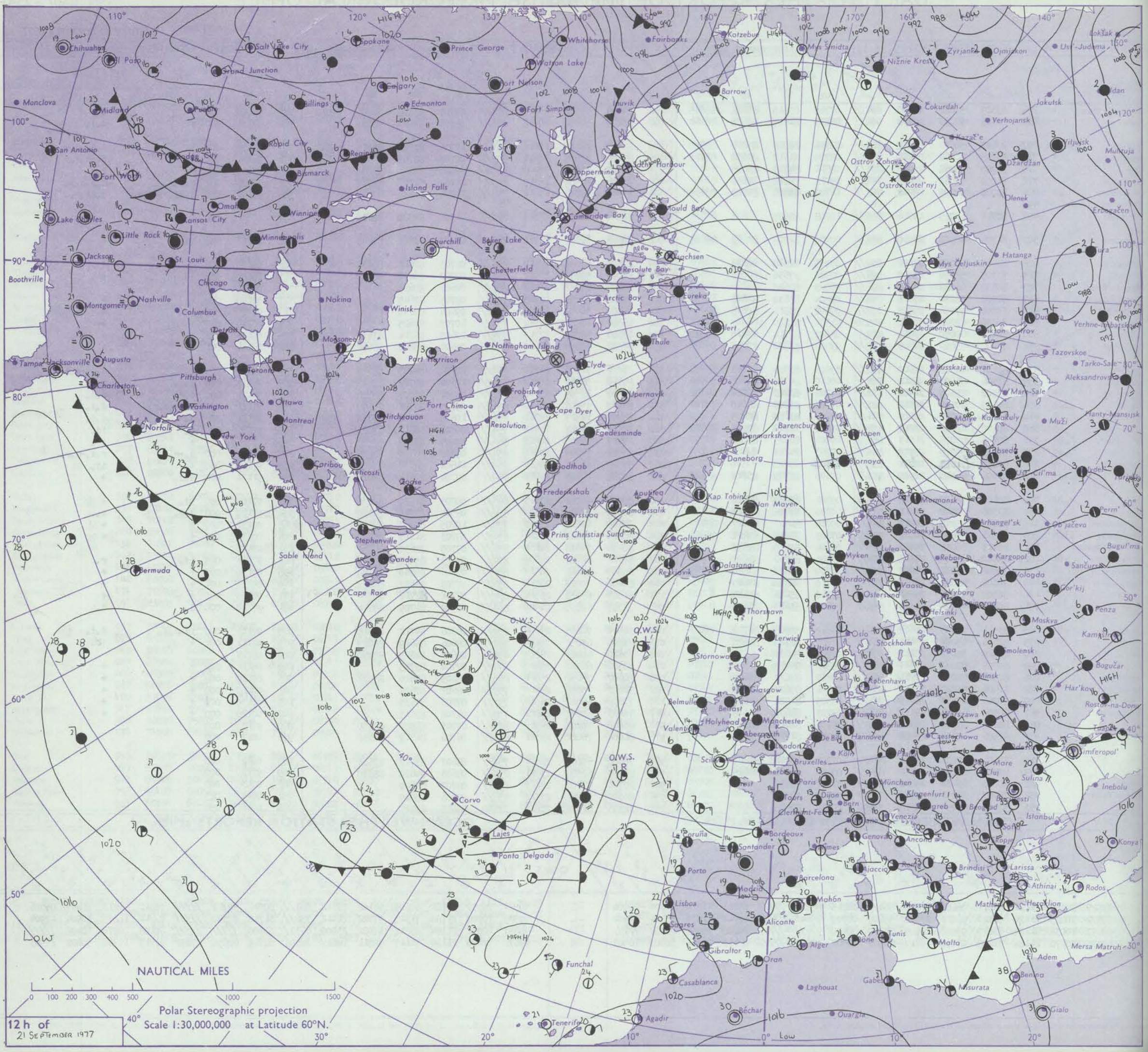
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21121	80611	96105	10311	864//	00715	88712	/////	05011	11219	30604	08006
L	99571	70205	21124	51320	98012	23012	55600	00709	85640	/////	0//11	11236	30804	17804
M	99657	10031	21124	73015	97022	23509	70930	00400	/////	/////	00208	10868	30302	/////
R	99470	70170	21124	31908	98030	17217	22562	00002	82823	/////	0//13	11761	30000	10903

OCEAN WEATHER STATION REPORTS at 18h.

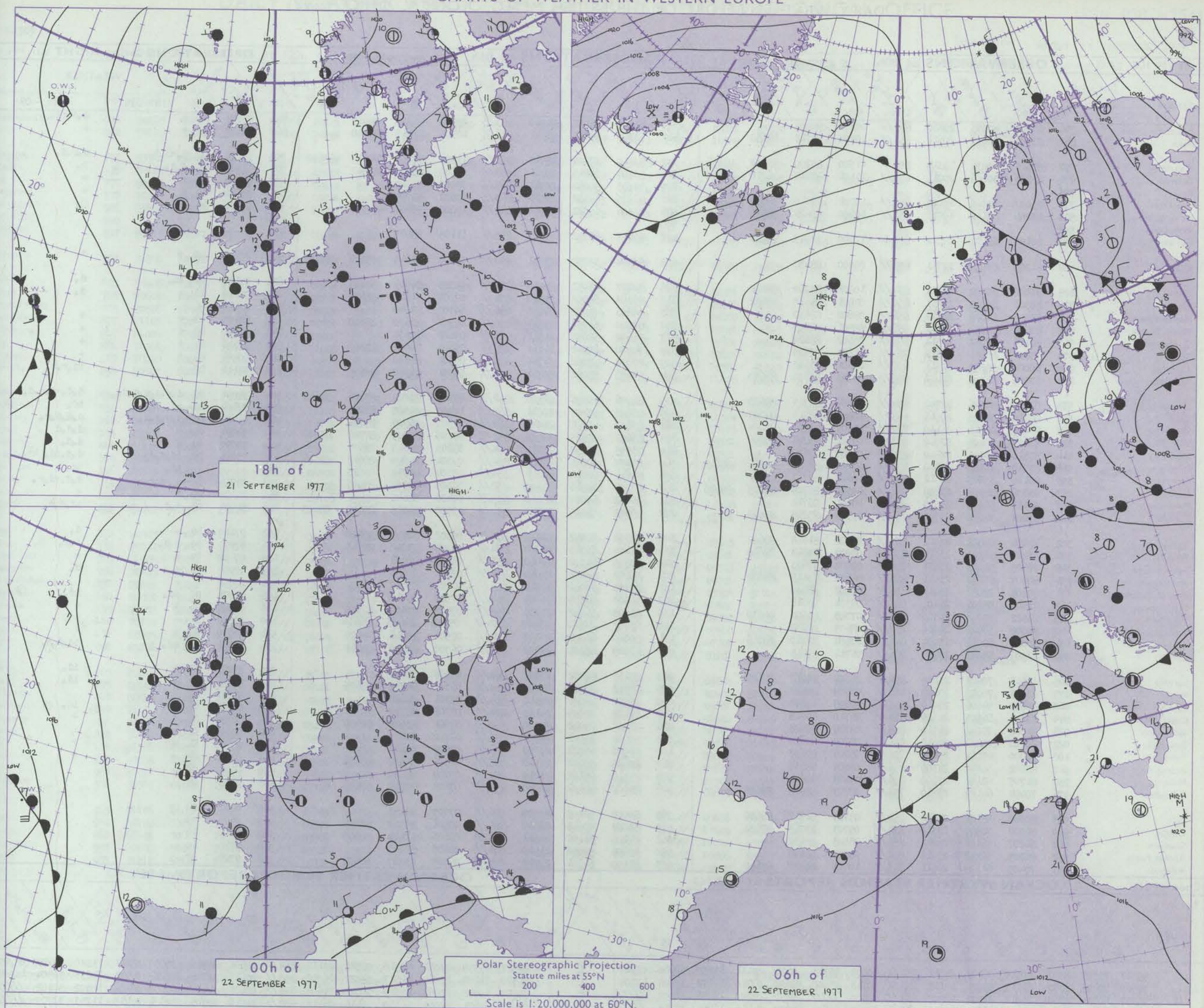
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21181	80605	96102	07112	864//	00716	88713	/////	00011	11213	30403	08006
L	99569	70200	21184	71413	97022	21412	756//	31712	87640	/////	0//11	11275	30804	17904
M	99657	10032	21184	83212	97022	23009	6637/	00400	/////	/////	00108	10870	30402	/////
R	99471	70170	21184	71617	98011	14617	22608	00719	82830	87272	0//13	11766	30602	27903

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 22 SEPTEMBER 1977

During the past 24 hours the anticyclone just off northwest Scotland declined a little but remained stationary. During the next 24 hours this anticyclone is expected to decline further as it moves slowly southeast across Scotland.

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

Code FM 11.V

OBSERVATIONS at 00h. 22 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83203	40055	20810	863//	09801	88709		
Hurn	862	83504	40055	20611	854//	10704	83712	88650	
Manston	797	83614	60036	18313	853//	11500	83709	83632	88656
Gatwick	776	83203	30106	20011	853//	11101	82708	86710	88617
Kew	775								
Heathrow	772	83407	59025	20412	854//	10001	87710	88650	
Honington	586	83206	40102	19711	855//	10400	85626	88635	
Wattisham	590								
Gorleston	497	80120	66022	18714	884//	11400	83815	88624	
Aberporth	502	81205	62022	22711	856//	09400	88630		
Filton	628	80206	40202	21911	854//	10801	83710	88632	
Rhoose	715	80303	62022	21811	854//	08801	81615	88632	
Hartland Point	703	83505	64022	22312	856//	08602	88630		
Mount Batten	827	83602	58052	22011	856//	09801	88647		
St. Mawgan	817	80103	57052	22511	855//	09602	88629		
Scilly	804	73604	62031	22312	755//	10601	87625		
Culdrose	809	80000	58052	22511	856//	09601	88640		
Guernsey	894	83505	56052	21412	855//	08703	85620	88640	
Elmdon	534	83505	40586	22210	854//	08801	83713	88620	
Cardington	559	80110	50105	20911	863//	10802	87706	88707	
Wittering	462	83406	28516	21110	872//	09703	83703	88704	
Watnall	354	83407	50105	22010	863//	09802	83706	88708	
Shawbury	414	80310	40045	22810	855//	08002	88622		
Finningley	360	83310	45505	21810	852//	09703	82705	84616	88618
Spurn Point	396	80110	65505	20812	864//	10604	88713		
Leeming	257	83306	30586	23209	852//	09500	82704	85708	88616
Tynemouth	262	80111	66025	23810	864//	10101	88718		
Carlisle	222	83602	56042	23709	854//	09703	83715	88625	
Valley	302	80704	60022	22912	854//	09702	81618	88622	
Ringway	334	83407	56505	23010	854//	08000	84713	88618	
Squires Gate	318	70605	58042	23311	756//	09002	87633		
Ronaldsway	204	80607	65032	23411	854//	08602	83618	88622	
Mull of Galloway	131	80808	72022	23911	856//	07802	88630		
Eskdalemuir	162	83503	58206	24408	864//	07301	88712		
Prestwick	135	83502	59042	24310	855//	07703	84624	88632	
Abbotsinch	140	80000	57042	24010	856//	08605	88630		
Leuchars	171	80000	62052	23909	864//	07604	82710	88716	
Dyce	091	72808	58042	23409	754//	06711	87616		
Lerwick	005	80313	70022	23309	854//	08604	84712	88620	
Wick	075	83306	70055	23809	855//	07709	88622		
Sule Skerry	010	83605	58606	25010	855//	09708	88620		
Cape Wrath	049	83204	66505	24509	874//	06710	88715		
Stornoway	026	81002	70052	24710	855//	08707	88625		
Benbecula	022	80000	75022	24410	855//	08709	88624		
Tiree	100	70000	65012	24008	756//	06706	87633		
Aldergrove	917	83602	56042	24309	856//	08604	88635		
Malin	980	81705	68102	23809	856//	07608	88641		
Belmullet	976	70704	64102	23410	754//	07707	82718	87635	
Birr	965	80000	58102	23609	854//	08703	81717	88630	
Dublin	969	80000	70505	23310	854//	09703	83718	87632	
Shannon	962	81207	56102	23211	856//	08503	88637		
Roches Point	952	80305	50052	23211	856//	08703	88648		
Valentia	953	70405	61108	22611	785//	10705	85827	85640	

OBSERVATIONS at 06h. 22 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	83506	25512	21010	853//	09305	86708	88625	
Hurn	862	83303	56052	20811	854//	10305	87615	88640	
Manston	797	83410	57206	18712	853//	11302	82707	84710	85630
Gatwick	776	83204	50045	20211	853//	09500	85709	88647	
Kew	775	73505	50052	20311	764//	09400	87710		
Heathrow	772	83205	58032	20511	863//	09302	88709		
Honington	586	83306	60022	19911	856//	10303	88630		
Wattisham	590								
Gorleston	497	83617	66022	19213	855//	11105	88625		
Aberporth	502	80904	58052	22311	854//	09301	81615	85623	88628
Filton	628	80207	45052	21910	854//	08305	86614	88625	
Rhoose	715	80304	50052	21910	854//	09305	81618	88626	
Hartland Point	703	80806	74022	21412	856//	09704	88646		
Mount Batten	827	80000	58052	21511	856//	09302	86630	88640	
St. Mawgan	817	81602	58052	21511	856//	09602	88631		
Scilly	804	70000	60012	21411	4563/	09503	84632	87360	
Culdrose	809	80000	57052	21711	856//	09501	88640		
Guernsey	894	83208	58052	20711	853//	09301	81707	88625	
Elmdon	534	83506	30586	22109	852//	09304	82704	85706	88612
Cardington	559	83608	57102	20811	862//	10400	84705	88708	
Wittering	462	83607	45205	21410	862//	09305	86703	88704	
Watnall	354	83606	30515	22109	852//	09305	83705	87708	88620
Shawbury	414	83505	45052	22310	854//	08203	84615	88616	
Finningley	360	83407	38515	21909	852//	09304	84703	83612	88616
Spurn Point	396	83611	62515	21111	854//	10304	85712	88625	
Leeming	257	83306	30516	23109	852//	09305	85704	88616	
Tynemouth	262	80212	69022	23210	855//	09400	88625		
Carlisle	222	80502	58025	23309	854//	07500	81715	85618	88625
Valley	302	80306	58042	22412	854//	09302	82618	88620	
Ringway	334	83604	50515	22710	854//	08003	83712	88615	
Squires Gate	318	80805	64032	23010	855//	08203	88628		
Ronaldsway	204	83602	65032	23010	855//	07601	88620		
Mull of Galloway	131	80305	60052	23510	856//	06101	88630		
Eskdalemuir	162	80000	58505	23708	864//	07500	88710		
Prestwick	135	80000	56042	23709	855//	07602	83622	88625	
Abbotsinch	140	62702	50112	23407	655//	05603	81625	86634	
Leuchars	171	80000	62052	23309	854//	07501	87716	88620	
Dyce	091	83009	65205	23009	854//	06500	81710	88613	
Lerwick	005	80111	62022	23308	864//	08304	88710		
Wick	075	80902	75022	23509	854//	06302	84718	88625	
Sule Skerry	010	80000	66026	24610	855//	09301	88620		
Cape Wrath	049	81402	70505	24109	874//	08302	88710		
Stornoway	026	83204	70022	23909	855//	08501	83620	88630	
Benbecula	022	80904	75022	23609	855//	08702	88625		
Tiree	100	80000	65022	23309	856//	07602	88635		
Aldergrove	917	80805	59042	23510	855//	07502	81622	88626	
Malin	980	81510	65102	23210	856//	05704	88640		
Belmullet	976	71207	64102	21910	754//	07608	82719	87635	
Birr	965	80000	58102	22509	856//	07703	88633		
Dublin	969	83002	40615	22610	864//	09501	86712	88716	
Shannon	962	81205	56102	21911	855//	08603	82624	88640	
Roches Point	952	80506	58052	21910	856//	08605	88645		
Valentia	953	81109	61101	20912	885//	08605	83827	88638	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97090	09	+	d.d.id.
Hurn	862	00100	10	+	+
Manston	797	95121	11	d.-d.d.	d.r.d.
Gatwick	776	97101	08	d.d.	d.
Kew	775	00110	10	+	+
Heathrow	772	00110	10	+	+
Honington	586	97101	09	+	d.
Wattisham	590				
Gorleston	497				
Aberporth	502	00101	09	+	+
Filton	628	97100	09	id.	d.
Rhoose	715	97100	09	+	d.
Hartland Point	703	00110	10		
Mount Batten	827	00100	10	+	+
St. Mawgan	817	00110	09	+	+
Scilly	804	00110	06	+	+
Culdrose	809	00101	09	+	+
Guernsey	894	02111	09	+	id.r.r.
Elmdon	534	91091	09	d.r.d.r.d.d.	d.d.-d.r.d.r.
Cardington	559	97101	08	id.	id.
Wittering	462	01101	09	d.r.d.d.	d.d.d.r.
Watnall	354	92091	09	+	d.d.d
Shawbury	414	97090	09	+	d.d.
Finningley	360	93091	09	id.d.d.	d.d.id.
Spurn Point	396			id.	id.
Leeming	257	96091	09	d.-d.r.	d.d.-d.r.
Tynemouth	262	00100	09	+	+
Carlisle	222	91091	08	d.d.	id.d.d.
Valley	302	97110	10	+	d.
Ringway	334	97090	09	d.d.	d.d.
Squires Gate	318	00100	09	+	+
Ronaldsway	204	97090	09	+	d.
Mull of Galloway	131	00090			
Eskdalemuir	162	97071	07	id.	id.
Prestwick	135	00080	06	+	+
Abbotsinch	140	00050	01	+	+
Leuchars	171	00080	08	+	+
Dyce	091	97081	08	id.	id.d.d.
Lerwick	005	97081	08	+	id.
Wick	075	97081	07	+	id.
Sule Skerry	010	91081	08		
Cape Wrath	049	97081	07	id.	id.
Stornoway	026	00080	08	+	+
Benbecula	022	00090	08	+	+
Tiree	100	00070	51	+	+
Aldergrove	917	00090	08	+	+
Malin	980	0007	07		
Belmullet	976	9708	08		
Birr	965	0008	08		
Dublin	969	9509	09		
Shannon	962	0010	10		
Roches Point	952	0010	10		
Valentia	953	9707	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	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22001	80510	96102	05312	864//	00809	88713	/////	05111	11250	3//04	08/07
L	99569	70198	22004	81115	98021	19112	856//	00718	85640	88650	0//10	11272	30804	17904
M	99657	10032	22004	83012	97022	22807	863//	00400	/////	/////	05208	10886	30302	/////
R	99470	70170	22004	81528	97612	11416	5552/	00722	85620	88459	0//14	11768	30705	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22061	80210	96515	03112	864//	00606	88713	/////	05011	11220	3//03	08/07
L	99570	70199	22064	81317	98022	16012	853//	00615	84706	88656	0//11	11253	30804	16904
M	99657	10032	22064	82614	97022	21608	885//	00606	/////	/////	05106	10892	30402	/////
R	99472	70171	22064	81330	96616	06416	852//	31716	85705	88615	0//15	11753	30709	/////

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. 42309

Date of Issue FRIDAY 23 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 22 SEPTEMBER 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	80205	64025	21811	884//	09101	81711	85827	88640
Hurn	862	50110	58052	21614	58400	10801	82815	85635	
Manston	797	83512	56585	20513	883//	12206	82706	84635	88656
Gatwick	776	70107	61022	21414	784//	10203	83816	85645	
Kew	775	80205	57052	21513	884//	09101	83714	88620	
Heathrow	772	70105	61012	21714	784//	10001	84816	83622	87645
Honington	586	83607	75035	21314	884//	10202	81818	83628	88638
Wattisham	590								
Gorleston	497	80315	66022	21214	855//	10104	88625		
Aberporth	502	70908	64022	22613	755//	08803	81622	87636	
Filton	628	80405	50055	22611	853//	09101	81707	83712	88625
Rhoose	715	80608	64055	22313	857//	08201	88650		
Hartland Point	703	80506	62022	22412	856//	09001	88645		
Mount Batten	827	81103	57052	22313	885//	10501	82820	88640	
St. Mawgan	817	81004	62022	22213	884//	09802	81815	88630	
Scilly	804	71008	60012	21615	755//	11805	87628		
Culdrose	809	70000	60052	22014	785//	09803	81825	87640	
Guernsey	894	80308	60026	21713	884//	11103	84712	83820	88640
Elmdon	534	70105	56046	23011	753//	09400	82708	87620	
Cardington	559	80407	60055	22213	854//	11103	86710	88620	
Wittering	462	80209	59016	22512	853//	10101	86708	88630	
Watnall	354	80207	57045	23011	884//	09301	85710	88640	
Shawbury	414	80208	50045	23012	854//	09500	83710	88620	
Finningley	360	83609	62205	22911	853//	09602	83708	88628	
Spurn Point	396	80110	66015	22713	854//	08204	81715	88630	
Leeming	257	83407	38506	24210	852//	09202	82704	88615	
Tynemouth	262	83612	61022	24510	855//	09400	88625		
Carlisle	222	81202	62505	24210	854//	08101	82712	83616	88622
Valley	302	80805	70025	23213	855//	08601	88624		
Ringway	334	80207	59025	23311	854//	08704	82616	88620	
Squires Gate	318	81005	67032	23712	885//	09801	83822	88630	
Ronaldsway	204	80105	66035	23311	884//	08803	81713	88624	
Mull of Galloway	131	80806	70022	24210	856//	07102	88630		
Eskdalemuir	162	80000	50025	24209	864//	07000	88711		
Prestwick	135	73002	58042	24212	786//	06801	82830	87640	
Abbotsinch	140	70303	75031	23912	756//	06701	81630	87640	
Leuchars	171	80305	66022	24110	854//	06204	82614	88616	
Dyce	091	83206	75025	23711	854//	07202	81712	88620	
Lerwick	005	80211	64025	24309	854//	08103	83710	85618	88625
Wick	075	80609	78025	24311	884//	08101	82818	88630	
Sule Skerry	010	80908	66026	25311	4557/	09102	84625	88458	
Cape Wrath	049	81403	74025	24510	884//	07400	81810	88615	
Stornoway	026	81309	62502	24209	854//	08201	81712	83618	88624
Benbecula	022	71702	75022	24012	756//	09400	87640		
Tiree	100	81706	66012	23612	884//	08101	81818	84626	88650
Aldergrove	917	70904	65042	23713	755//	07801	81628	87632	
Malin	980	81011	72022	23213	856//	06601	88640		
Belmullet	976	81312	64102	21513	854//	07707	83718	88637	
Birr	965	81106	66022	22513	854//	08704	82716	88636	
Dublin	969	80708	60216	22712	854//	09805	81717	88626	
Shannon	962	60608	70012	21614	685//	07806	81825	86645	
Roches Point	952	80908	58052	22114	884//	09801	83818	88637	
Valentia	953	71212	62102	20516	756//	10801	87635		

OBSERVATIONS at 18h. 22 SEPTEMBER 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	83504	56502	21912	855//	09302	83620	88640	
Hurn	862	83303	57052	21813	856//	10302	85635	88645	
Manston	797	80109	58036	21113	853//	12304	81707	88650	
Gatwick	776	80102	57042	21714	854//	10303	82618	85623	88645
Kew	775	80302	62022	21714	855//	10303	83625	88650	
Heathrow	772	70105	58012	21914	755//	10301	81620	83635	87650
Honington	586	83607	70152	22013	854//	10306	83712	87622	88635
Wattisham	590								
Gorleston	497	60215	66022	22013	4857/	11205	84825	84360	
Aberporth	502	81306	57052	22311	855//	08503	84625	88635	
Filton	628	80406	50052	22511	854//	09301	83616	88628	
Rhoose	715	80404	56052	22311	855//	08500	86628	88642	
Hartland Point	703	81104	60022	21912	856//	09703	88635		
Mount Batten	827	81403	58052	21813	855//	10601	86623	88632	
St. Mawgan	817	81505	57052	21612	855//	09704	88629		
Scilly	804	61210	60022	20813	45610	09606	84630	86460	
Culdrose	809	51302	56052	21613	58500	10502	81820	85640	
Guernsey	894	70403	58052	21712	784//	11400	81811	87645	
Elmdon	534	80204	48046	23011	854//	09301	86613	88635	
Cardington	559	80410	58052	22513	854//	11304	84712	84620	88635
Wittering	462	80306	58025	22912	853//	10103	85709	88635	
Watnall	354	80102	50045	23411	855//	09301	82620	88630	
Shawbury	414	80105	50042	23111	854//	09301	86616	88635	
Finningley	360	80105	45586	23410	853//	10302	82708	85614	88620
Spurn Point	396	80108	56505	23311	855//	09303	88620		
Leeming	257	80302	37045	24009	853//	09602	82707	85710	88616
Tynemouth	262	83610	56022	24310	864//	10400	88718		
Carlisle	222	80702	60025	23710	855//	08501	86625	88630	
Valley	302	80807	68032	22712	855//	08603	88628		
Ringway	334	71006	56045	23411	754//	08601	81710	87620	
Squires Gate	318	80706	62012	23311	855//	09703	83620	88625	
Ronaldsway	204	81210	62022	22911	854//	09701	82712	88621	
Mull of Galloway	131	80909	65502	23510	4542/	08703	81716	83620	88459
Eskdalemuir	162	80000	58055	23809	864//	07602	88710		
Prestwick	135	80000	57042	23711	855//	08502	82626	88630	
Abbotsinch	140	70604	75022	23611	755//	07500	82626	87634	
Leuchars	171	72504	62025	23710	754//	07701	83618	87623	
Dyce	091	83106	65055	23909	854//	08201	82712	88624	
Lerwick	005	80209	68022	24309	854//	08204	83710	86618	88625
Wick	075	70807	70022	24210	784//	08400	81818	87632	
Sule Skerry	010	81410	66022	24911	885//	08601	82820	88625	
Cape Wrath	049	81406	74022	24010	855//	06602	88620		
Stornoway	026	71903	80015	23810	755//	08703	84622	87635	
Benbecula	022	10000	75021	23211	15600	08706	81630		
Tiree	100	81507	65022	23012	885//	08502	82824	88650	
Aldergrove	917	70907	59042	22712	756//	07604	87630		
Malin	980	81112	72022	22312	856//	07704	88638		
Belmullet	976	71210	72022	19813	754//	08607	83718	87637	
Birr	965	81306	60102	21012	864//	09606	84715	88635	
Dublin	969	81305	50506	21912	864//	10606	84715	88620	
Shannon	962	71108	70022	19914	756//	10706	83635	87650	
Roches Point	952	71010	58052	20513	784//	10706	85817	87650	
Valentia	953	31014	65051	18314	12530	09609	81825	83360	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97130	000	1d.d.d.	d.
Hurn	862	97140	008	+	d.
Manston	797	91150	001	d.-d.r.	d.
Gatwick	776	00150	001	+	+
Kew	775	97150	000	+	d.
Heathrow	772	97151	004	+	d.
Honington	586	00151	000	+	jp
Wattisham	590				
Gorleston	497		000		
Aberporth	502	00130	000	+	+
Filton	628	00120	000	+	+
Rhoose	715	00130	000	+	+
Hartland Point	703	00130	000		
Mount Batten	827	00150	000	+	+
St. Mawgan	817	00150	004	+	+
Scilly	804	00170	007	+	+
Culdrose	809	00150	004	+	+
Guernsey	894	00141	000	+	+
Elmdon	534	97120	001	d.-d.r.	r.d.
Cardington	559	97141	000	1d.	+
Wittering	462	97131	000	d.r.d.	+
Watnall	354	97120	000	d.d.	d.
Shawbury	414	00130	000	+	+
Finningley	360	97111	000	d.d.	d.-d.r.d.r.
Spurn Point	396			+	1d.
Leeming	257	97101	000	d.d.	d.
Tynemouth	262	00110	000	+	+
Carlisle	222	97111	000	d.d.1d.	+
Valley	302	00140	004	+	+
Ringway	334	97110	000	d.	d.
Squires Gate	318	00130	000	+	+
Ronaldsway	204	97120	000	d.	+
Mull of Galloway	131	97111			
Eskdalemuir	162	97091	000	1d.	d.
Prestwick	135	00130	014	+	+
Abbotsinch	140	00130	033	+	+
Leuchars	171	97100	000	d.	+
Dyce	091	97111	000	d.d.	d.d.
Lerwick	005	00080	000	+	+
Wick	075	00111	000	+	+
Sule Skerry	010	00120			
Cape Wrath	049	00101	000	+	+
Stornoway	026	97101	000	1d.	+
Benbecula	022	00140	039	+	+
Tiree	100	00130	000	+	+
Aldergrove	917	00130	000	+	+
Malin	980	0013	002		
Belmullet	976	0015	010		
Birr	965	0013	000		
Dublin	969	9312	000		
Shannon	962	0016	018		
Roches Point	952	0014	000		
Valentia	953	0017	025		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

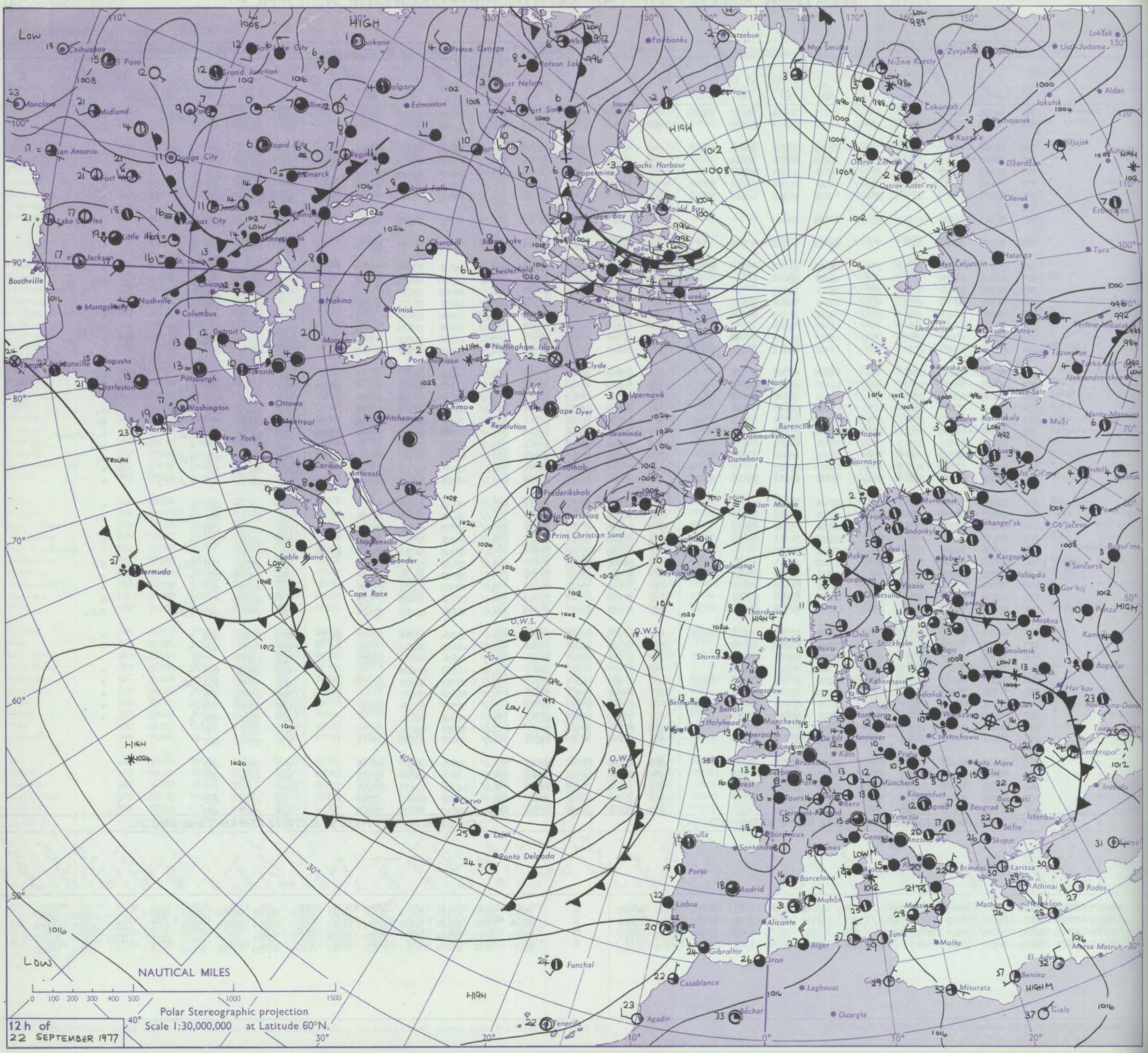
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	22121	80211	97025	03411	863//	00303	88708	/////	05111	11238	30504	09007
	99570	70200	22124	81320	96042	14312	6547/	00710	82712	86645	0//11	11265	30807	10905
	99660	10020	22124	82620	97022	21008	884//	71708	/////	/////	05005	10853	30503	/////
	99470	70171	22124	81522	97016	04417	864//	00714	88710	/////	0//16	11749	30709	/////

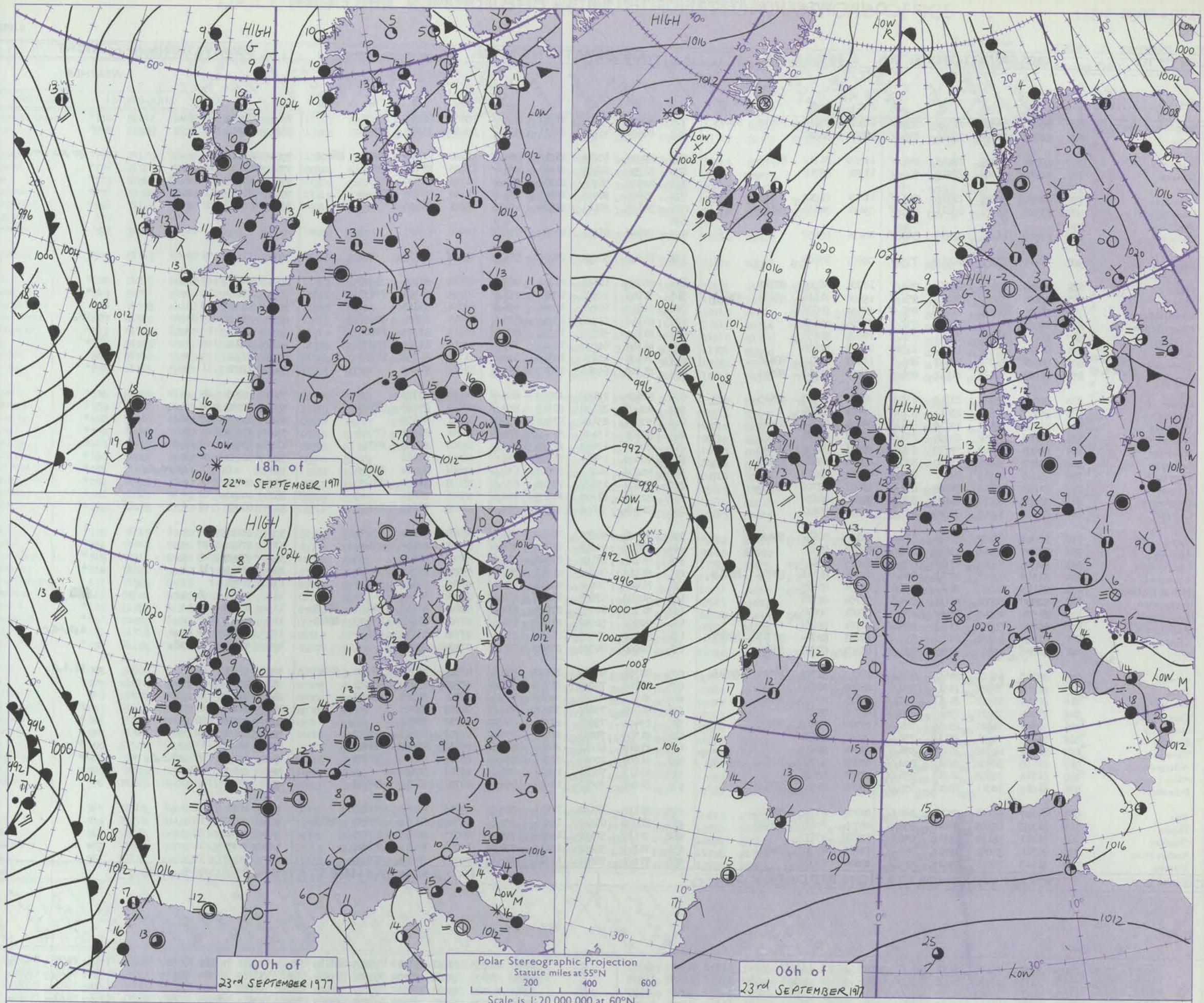
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_aPP	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	22181	80112	96102	04511	863//	00106	88709	/////	05210	11224	30605	09007
	99571	70201	22184	71222	97032	11012	754//	00719	84710	87656	0//11	11265	30805	16904
	99660	10023	22184	82724	97022	20708	863//	00400	/////	/////	00007	10857	30604	/////
	99471	70171	22184	81917	97205	01418	874//	00720	85716	88640	0//17	11741	30704	15807

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 23 SEPTEMBER 1977

During the past 24 hours the anticyclone just northwest of Scotland with a ridge of high pressure extending south to Biscay, moved very slowly east declining a little. During the next 24 hours the anticyclone and its associated ridge of high pressure is expected to continue moving slowly east whilst a depression over the Atlantic moves towards the British Isles and frontal troughs move northeastwards into western districts.

Code FM 11.V

OBSERVATIONS at 00h. 23 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80000	35505	22310	854//	10802	85618	83630	88645
Hurn	862	80000	40105	22211	856//	10400	88647		
Manston	797	80504	60022	22013	854//	11500	81710	88635	
Gatwick	776	80401	40042	22512	863//	11701	88708		
Kew	775								
Heathrow	772	80204	56055	22713	853//	11101	81707	88615	
Honington	586	83503	60032	23111	856//	09101	84630	88638	
Wattisham	590								
Gorleston	497	80310	66032	22813	8082/	10101	88457		
Aberporth	502	71511	56052	21910	755//	08807	87628		
Filton	628	80703	25102	22511	863//	10704	86708	88712	
Rhoose	715	80604	59052	22211	854//	09803	81616	85632	88650
Hartland Point	703	81208	60022	21711	856//	08804	88635		
Mount Batten	827	80905	57052	21611	857//	09806	88656		
St. Mawgan	817	81009	56052	21311	856//	09708	88635		
Scilly	804	21213	60011	19512	28500	11713	82820		
Culdrose	809	80906	58052	20912	884//	11707	82812	88640	
Guernsey	894	81003	70022	21812	884//	11804	82811	88645	
Elmdon	534	80502	25042	23710	853//	09000	86707	88615	
Cardington	559	80507	58106	23611	855//	10103	88626		
Wittering	462	80205	50102	23810	854//	09001	82710	88640	
Watnall	354	80803	30052	24009	853//	08302	83706	88638	
Shawbury	414	80903	45042	23210	854//	09503	84616	88625	
Finningley	360	83402	50046	23909	855//	08000	85621	88625	
Spurn Point	396	83406	64515	24010	855//	08400	88620		
Leeming	257	81202	30042	24409	853//	08602	82709	88620	
Tynemouth	262	82903	66022	24509	855//	08804	88620		
Carlisle	222	81203	57042	23709	855//	08703	88624		
Valley	302	80903	59052	22511	855//	08803	86621	88626	
Ringway	334	81702	45045	23610	855//	09502	88628		
Squires Gate	318	80805	58045	23510	855//	08605	88627		
Ronaldsway	204	81310	68022	22712	854//	07704	81711	83616	88619
Mull of Galloway	131	81115	66025	22910	855//	09706	88625		
Eskdalemuir	162	80000	50052	24108	864//	07704	88712		
Prestwick	135	81504	48042	23810	855//	07503	88624		
Abbotsinch	140	80705	59042	23610	855//	06704	88624		
Leuchars	171	82402	60502	23709	854//	06803	82714	85716	88622
Dyce	091	80000	40505	23909	853//	08803	82708	88620	
Lerwick	005	80210	60102	24108	853//	07605	81708	87711	88616
Wick	075	80808	70022	24310	854//	06000	82618	88625	
Sule Skerry	010	81114	66022	24711	5557/	09603	85625	88360	
Cape Wrath	049	81404	75022	23809	855//	07703	88620		
Stornoway	026	72602	75022	23409	754//	07704	82618	87630	
Benbecula	022	71405	70021	23110	756//	09602	87631		
Tiree	100	81412	62032	22412	856//	08704	88630		
Aldergrove	917	81105	50502	22610	852//	09703	82704	84710	88620
Malin	980	81314	70022	21711	856//	07805	88634		
Belmullet	976	61013	70011	18011	655//	09714	81720	86640	
Birr	965	81107	58102	20211	864//	08809	85715	88632	
Dublin	969	81308	62205	21412	855//	08706	85622	88630	
Shannon	962	71211	56102	18512	756//	10712	87637		
Roches Point	952	81314	58052	18814	864//	10713	85717	84648	
Valentia	953	51113	70011	15914	52500	08614	85825		

OBSERVATIONS at 06h. 23 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	80808	19105	21211	852//	10604	82703	88650	
Hurn	862	80602	35102	21111	856//	10601	83635	88645	
Manston	797	80903	50218	21713	884//	11400	81710	83811	86650
Gatwick	776	81002	24102	21911	852//	11503	83704	88656	
Kew	775	80503	56056	21912	863//	11703	84709	88712	
Heathrow	772	70606	50055	22012	753//	11502	83709	87645	
Honington	586	30105	50111	22808	15730	08201	81650		
Wattisham	590								
Gorleston	497	70410	66031	23013	755//	10400	87625		
Aberporth	502	81308	50052	20210	856//	09809	88635		
Filton	628	80906	18105	21311	862//	10604	86705	88708	
Rhoose	715	71007	40052	20311	753//	10808	81708	87650	
Hartland Point	703	80810	60022	19311	856//	09714	88635		
Mount Batten	827	81110	58052	19212	855//	10711	85628	88656	
St. Mawgan	817	81110	56052	18512	853//	10713	83709	88620	
Scilly	804	41316	60030	16413	30972	10716	83360	84075	
Culdrose	809	71107	40051	18312	68401	11711	81710	84816	
Guernsey	894	21310	65011	20213	28400	12605	81810		
Elmdon	534	80604	22102	22809	862//	09705	88705		
Cardington	559	80607	28102	22909	852//	09604	85705	88640	
Wittering	462	50408	25101	23208	55600	08801	85635		
Watnall	354	50204	15101	23707	55400	06301	82712	85640	
Shawbury	414	80402	17042	22209	862//	08503	85705	88708	
Finningley	360	70000	35111	23507	755//	06501	87622		
Spurn Point	396	80000	64035	23310	855//	09604	85720	88630	
Leeming	257	83202	15102	23508	852//	08608	81704	88624	
Tynemouth	262	82906	61022	23909	856//	08806	88632		
Carlisle	222	81004	57042	22909	855//	07708	86629	88635	
Valley	302	70805	56052	20510	756//	08708	82630	87634	
Ringway	334	70707	40042	22709	755//	07705	85625	85640	
Squires Gate	318	81006	28102	22509	855//	09505	88627		
Ronaldsway	204	81113	56042	21012	884//	09709	83713	88636	
Mull of Galloway	131	81411	70022	20811	4552/	08714	84625	88460	
Eskdalemuir	162	80000	57055	23207	854//	06606	88618		
Prestwick	135	81306	60042	22509	854//	07606	81618	84620	88624
Abbotsinch	140	80907	50042	22510	854//	07708	81616	85620	88624
Leuchars	171	82502	57515	23108	854//	07706	85710	88616	
Dyce	091	80000	80025	23509	855//	07501	88626		
Lerwick	005	83306	56502	23807	852//	07503	83704	86708	88620
Wick	075	81202	70052	23710	854//	07705	83616	88625	
Sule Skerry	010	81410	66022	24010	4552/	07706	84625	88459	
Cape Wrath	049	81808	75022	22809	855//	06809	88625		
Stornoway	026	23403	75031	22306	25400	05707	82616		
Benbecula	022	81309	70022	21611	855//	09707	82625	88630	
Tiree	100	81216	61012	21011	854//	09606	86617	88625	
Aldergrove	917	81206	40045	20511	854//	09709	82712	88620	
Malin	980	81113	70022	19511	856//	09711	88630		
Belmullet	976	61014	70012	14411	6543/	08721	81719	86640	
Birr	965	81112	58102	17111	864//	09715	85715	88630	
Dublin	969	81812	65022	18912	854//	08715	83718	85628	88635
Shannon	962	71110	56102	14511	755//	09723	82625	87635	
Roches Point	952	71219	58052	15113	754//	10722	83715	85644	
Valentia	953	71022	70031	11014	785//	09728	84823	87640	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97100	10	d.	+
Hurn	862	00100	10	+	+
Manston	797	96121	11	r.	r.pr.r.r.-r.
Gatwick	776	00110	10	+	+
Kew	775	93121	11	r.rd.	+
Heathrow	772	97121	11	d.d.	+
Honington	586	97081	04	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00100	09	+	+
Filton	628	97110	08	d.	+
Rhoose	715	00100	10	+	+
Hartland Point	703	00110	10		
Mount Batten	827	97110	09	+	ir.
St. Mawgan	817	00110	10	+	+
Scilly	804	00110	09	+	+
Culdrose	809	00100	09	+	+
Guernsey	894	00121	11	+	+
Elmdon	534	00090	08	+	+
Cardington	559	97090	08	d.r.	+
Wittering	462	00081	07	+	+
Watnall	354	97060	01	+	+
Shawbury	414	97080	07	+	d.
Finningley	360	00050	01	+	+
Spurn Point	396			id.-d.d.	+
Leeming	257	00081	08	+	+
Tynemouth	262	00090	08	+	+
Carlisle	222	00081	08	+	+
Valley	302	00100	08	+	+
Ringway	334	97090	07	d.	+
Squires Gate	318	97090	08	d.	+
Ronaldsway	204	00110	11	+	+
Mull of Galloway	131	97091			
Eskdalemuir	162	97071	06	id.	[redacted] +
Prestwick	135	00090	09	+	+
Abbotsinch	140	00090	08	+	+
Leuchars	171	02081	08	d.	d.d.-d.r.
Dyce	091	97081	07	id.	+
Lerwick	005	97071	06	+	id.d.d.
Wick	075	00090	08	+	+
Sule Skerry	010	00080	09		
Cape Wrath	049	00081	07	+	+
Stornoway	026	00050	00	+	+
Benbecula	022	00050	52	+	+
Tiree	100	00110	10	+	+
Aldergrove	917	97100	07	id.d.d.	+
Malin	980	0010	09		
Belmullet	976	9710	08		
Birr	965	0011	10		
Dublin	969	9711	10		
Shannon	962	0011	09		
Roches Point	952	0013	11		
Valentia	953	0012	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	23001	83514	96105	06111	864//	00307	88715	/////	05209	11210	3//07	/////
L	99572	70202	23004	81128	97032	08012	855//	00716	83620	88650	0//10	11267	30807	15905
M	99660	10024	23004	82918	97022	21707	863//	00210	/////	/////	05207	10867	30503	/////
R	99470	70172	23004	81524	96616	96016	854//	00839	84715	88640	0//16	11765	30704	15807

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	23061	83312	98025	06609	855//	00201	88622	/////	05606	11180	3//05	34/06
L	99570	70199	23064	81228	97616	03512	854//	31722	86710	88635	0//10	11267	30908	22805
M	99660	10026	23064	73012	97022	22008	76300	00208	/////	/////	05106	10850	30503	/////
R	99471	70172	23064	22228	97018	91917	18500	00615	81820	/////	0//15	11777	30705	15805

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. 42310

Date of Issue SATURDAY 24 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 23 SEPTEMBER 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	81212	64031	19815	884//	11712	83818	88650	
Hurn	862	80907	56051	19615	885//	13710	81820	84825	88650
Manston	797	71109	46056	21816	2243/	12805	82812	87359	
Gatwick	776	31012	57041	20717	32500	09814	83825		
Kew	775	40910	62021	20617	42500	11816	84820		
Heathrow	772	50909	60012	20917	58500	11815	83820		
Honington	586	71110	80031	22216	786//	09710	84830	85657	
Wattisham	590								
Gorleston	497	30608	66011	23014	35600	10802	83635		
Aberporth	502	81515	60052	17515	885//	10816	86825	88656	
Filton	628	71214	60052	19515	784//	11813	82710	85814	
Rhoose	715	81211	50052	19014	854//	11813	86613	88642	
Hartland Point	703	71108	64012	17215	785//	11707	84825	87640	
Mount Batten	827	61515	59056	17516	42405	12711	84817	83275	
St. Mawgan	817	61424	62032	15715	22406	11717	82815	85275	
Scilly	804	81325	60031	13415	40977	11720	84360	88275	
Culdrose	809	71316	57052	15815	2642/	11814	82710	86462	
Guernsey	894	61413	58051	18714	663/2	12713	86707		
Elmdon	534	81009	61042	21413	854//	10713	85712	85628	88645
Cardington	559	61111	64012	21517	5853/	11816	84827	83360	
Wittering	462	71009	62022	22115	785//	09814	84822	83640	
Watnall	354	70910	75022	22213	784//	09713	82815	86656	
Shawbury	414	81107	56045	21012	863//	09712	81708	88710	
Finningley	360	30907	66012	22215	38500	08815	82824		
Spurn Point	396	21006	70011	23414	22500	10807	82820		
Leeming	257	71306	57042	22812	785//	07713	84820	87640	
Tynemouth	262	81003	56052	23511	856//	08809	88635		
Carlisle	222	81408	63022	21512	855//	08812	84625	88635	
Valley	302	71613	60022	18416	2853/	08715	81820	86360	
Ringway	334	71212	62031	21314	785//	08714	81820	87650	
Squires Gate	318	71311	65031	21014	755//	10713	84628	87640	
Ronaldsway	204	71221	58042	19213	763//	09714	81708	83711	87714
Mull of Galloway	131	71525	60016	19012	2747/	09716	82710	87360	
Eskdalemuir	162	80602	62022	21910	854//	06710	82715	88624	
Prestwick	135	81212	61042	21211	855//	07613	84628	88640	
Abbotsinch	140	81209	65042	21311	856//	05711	83630	88640	
Leuchars	171	81310	70026	22211	853//	08710	82709	88626	
Dyce	091	81104	70202	22810	854//	08806	82714	85620	88630
Lerwick	005	80609	65205	22509	853//	09710	82706	86618	88626
Wick	075	81010	80022	22609	884//	07707	81715	86630	88640
Sule Skerry	010	81412	74022	23210	855//	08705	88620		
Cape Wrath	049	81410	75022	21610	855//	08709	88625		
Stornoway	026	81808	80031	20911	855//	08811	83625	88635	
Benbecula	022	81312	65032	20011	854//	09711	82619	85623	88635
Tiree	100	81321	62205	19111	854//	08712	81617	84620	88635
Aldergrove	917	71313	57042	17913	754//	10616	83715	87635	
Malin	980	71120	60102	16813	764//	10721	85714	87635	
Belmullet	976	71219	64052	11315	654/2	07621	83719	86638	85070
Birr	965	71315	60052	13415	784//	08821	83716	83820	
Dublin	969	71214	61102	16514	764//	10714	81712	85714	87625
Shannon	962	71421	65032	10916	6253/	09721	86822	86360	
Roches Point	952	71225	50052	12315	7843/	10719	81819	87363	
Valentia	953	81125	64606	06115	5252/	11830	85822	88460	

OBSERVATIONS at 18h. 23 SEPTEMBER 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	61214	60022	16513	21431	10617	82818	86070	
Hurn	862	61005	50051	16313	20931	11717	82362	85075	
Manston	797	20910	30051	19114	00902	11715	82075		
Gatwick	776	51007	59041	18214	00902	09612	85075		
Kew	775	31205	60011	18215	00902	07610	83075		
Heathrow	772	51107	58051	18315	10941	09612	81362	85075	
Honington	586	70809	62022	19714	3543/	11711	83616	87360	
Wattisham	590								
Gorleston	497	70711	66031	20815	735//	13710	87925		
Aberporth	502	71314	63022	13115	30948	11619	83362	87275	
Filton	628	61109	58052	15614	15702	10621	81650	86075	
Rhoose	715	71116	59036	14415	40976	10622	84359	87275	
Hartland Point	703	81214	66032	12814	6857/	10719	81825	86640	88460
Mount Batten	827	81314	60052	13115	16437	12616	81714	87360	88275
St. Mawgan	817	81320	59056	11114	1647/	11619	81710	88460	
Scilly	804	81225	50616	08313	8092/	11721	88458		
Culdrose	809	81113	30212	11014	5632/	13722	85707	88459	
Guernsey	894	71211	58052	14414	40938	10619	84366	87275	
Elmdon	534	71008	50042	17614	755//	10619	82625	87645	
Cardington	559	61311	56052	18814	35702	11813	83650	86075	
Wittering	462	71009	56042	19015	785//	10716	81825	84632	87645
Watnall	354	80811	35052	18913	856//	09616	88645		
Shawbury	414	61008	50042	16614	3553/	10723	83620	86362	
Finningley	360	80908	30041	19313	856//	09614	88635		
Spurn Point	396	30911	64030	20812	38600	09716	83630		
Leeming	257	71205	50042	20212	756//	09613	87640		
Tynemouth	262	81215	69022	21011	856//	10716	88635		
Carlisle	222	31511	62031	18212	25531	09615	81625		
Valley	302	71111	58042	14215	55638	09722	81630	85650	87270
Ringway	334	70914	35042	17814	757//	09618	87650		
Squires Gate	318	71008	57042	17514	755//	11718	81622	87645	
Ronaldsway	204	71220	57042	15314	754//	11722	81713	87656	
Mull of Galloway	131	71825	60032	15113	785//	10721	82820	87625	
Eskdalemuir	162	21105	58011	19010	25500	07611	82623		
Prestwick	135	41110	58041	17212	45600	09720	81635	83650	
Abbotsinch	140	30710	58051	17712	35701	07616	83650		
Leuchars	171	41110	65011	19710	35430	08713	82712		
Dyce	091	81507	58606	20510	853//	08710	82708	85710	86612
Lerwick	005	81003	68025	20409	854//	07711	82615	83625	88633
Wick	075	81312	81022	20010	854//	07713	81712	85625	88640
Sule Skerry	010	81113	82022	20310	885//	08712	83820	88625	
Cape Wrath	049	61410	80012	18610	655//	07713	86625		
Stornoway	026	80000	75022	17710	855//	08818	83624	88633	
Benbecula	022	51114	60022	16411	55600	09719	85635		
Tiree	100	71121	58041	15412	755//	08717	82620	87640	
Aldergrove	917	71310	57042	14013	55431	10718	82714	85626	
Malin	980	71117	60102	12513	764/2	10720	84716	85638	
Belmullet	976	71220	64606	05715	4647/	09723	82719	87459	
Birr	965	81316	58052	08614	3647/	10619	83713	88459	
Dublin	969	81217	57105	11714	854//	10725	81717	86625	87635
Shannon	962	81224	58606	05414	4547/	10624	81715	83640	88458
Roches Point	952	81131	40616	06114	1742/	11728	81710	88458	
Valentia	953	81122	60616	00115	5642/	13729	85718	88556	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00160	027 +		+
Hurn	862	00180	058 +		+
Manston	797	00170	050 +		+
Gatwick	776	00170	041 +		+
Kew	775	00180	033 +		+
Heathrow	772	00180	021 +		+
Honington	586	00170	043 +		+
Wattisham	590				
Gorleston	497		059		
Aberporth	502	00160	028 +		+
Filton	628	00160	001 +		+
Rhoose	715	97160	007 ir.		+
Hartland Point	703	00170	033		
Mount Batten	827	00170	043 +		+
St. Mawgan	817	92181	052 +		r.r.
Scilly	804	01151	013 r.		ir.r.r.
Culdrose	809	01162	049 +		ir.r.r.rr
Guernsey	894	00150	044 +		r
Elmdon	534	00160	000 +		+
Cardington	559	00170	018 +		+
Wittering	462	00160	014 +		+
Watnall	354	97150	007 +		ir.
Shawbury	414	00150	000 +		+
Finningley	360	00160	032 +		+
Spurn Point	396		+		+
Leeming	257	00130	001 +		+
Tynemouth	262	00120	000 +		+
Carlisle	222	00150	028 +		+
Valley	302	00180	016 +		+
Ringway	334	00140	013 +		+
Squires Gate	318	00150	008 +		+
Ronaldsway	204	00150	012 +		+
Mull of Galloway	131	00130			
Eskdalemuir	162	00121	004 +		+
Prestwick	135	00130	015 +		+
Abbotsinch	140	00130	001 +		+
Leuchars	171	95111	000 d.r.d.		+
Dyce	091	97111	000 d.r.ir.		ir.d.r.
Lerwick	005	92100	000 d.d.id.		ir.
Wick	075	00100	000 +		+
Sule Skerry	010	00110			
Cape Wrath	049	00110	001 +		+
Stornoway	026	00110	001 +		+
Benbecula	022	00120	000 +		+
Tiree	100	97130	006 id.		+
Aldergrove	917	00140	007 +		+
Malin	980	0015	007		
Belmullet	976	9716	020		
Birr	965	0016	013		
Dublin	969	9714	001		
Shannon	962	9717	012		
Roches Point	952	9415	001		
Valentia	953	0516	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

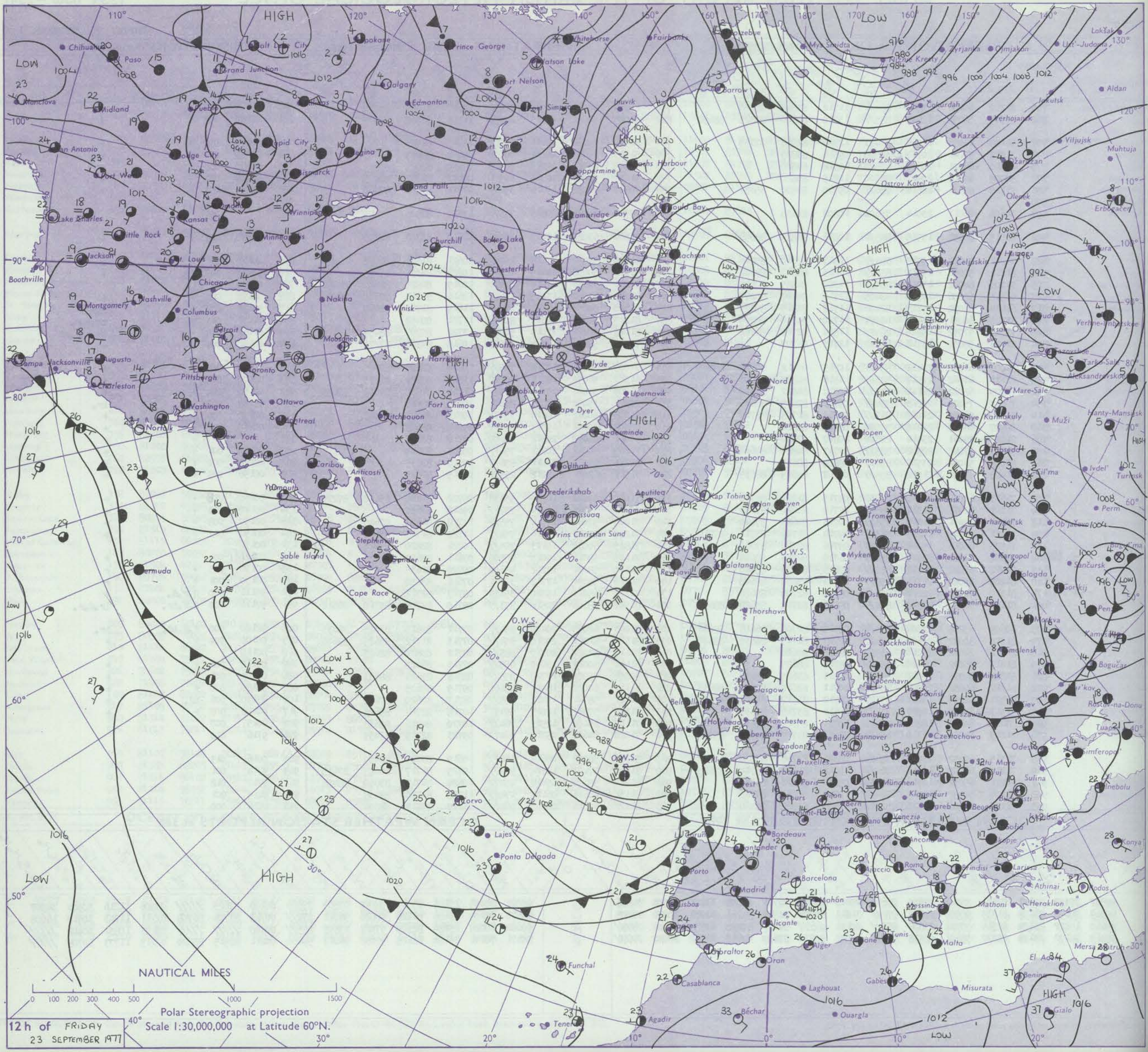
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23121	73311	98022	07809	75600	00203	87638	/////	05604	11190	30504	34006
L	99569	70196	23124	81233	95506	01612	872//	31811	86705	88709	0//11	11231	30910	16008
M	99660	10027	23124	82514	97022	23808	855//	00101	/////	/////	00005	10855	30402	/////
R	99469	70172	23124	72222	98801	93518	785//	00003	82820	87640	0//15	11752	30707	/////

OCEAN WEATHER STATION REPORTS at 18h.

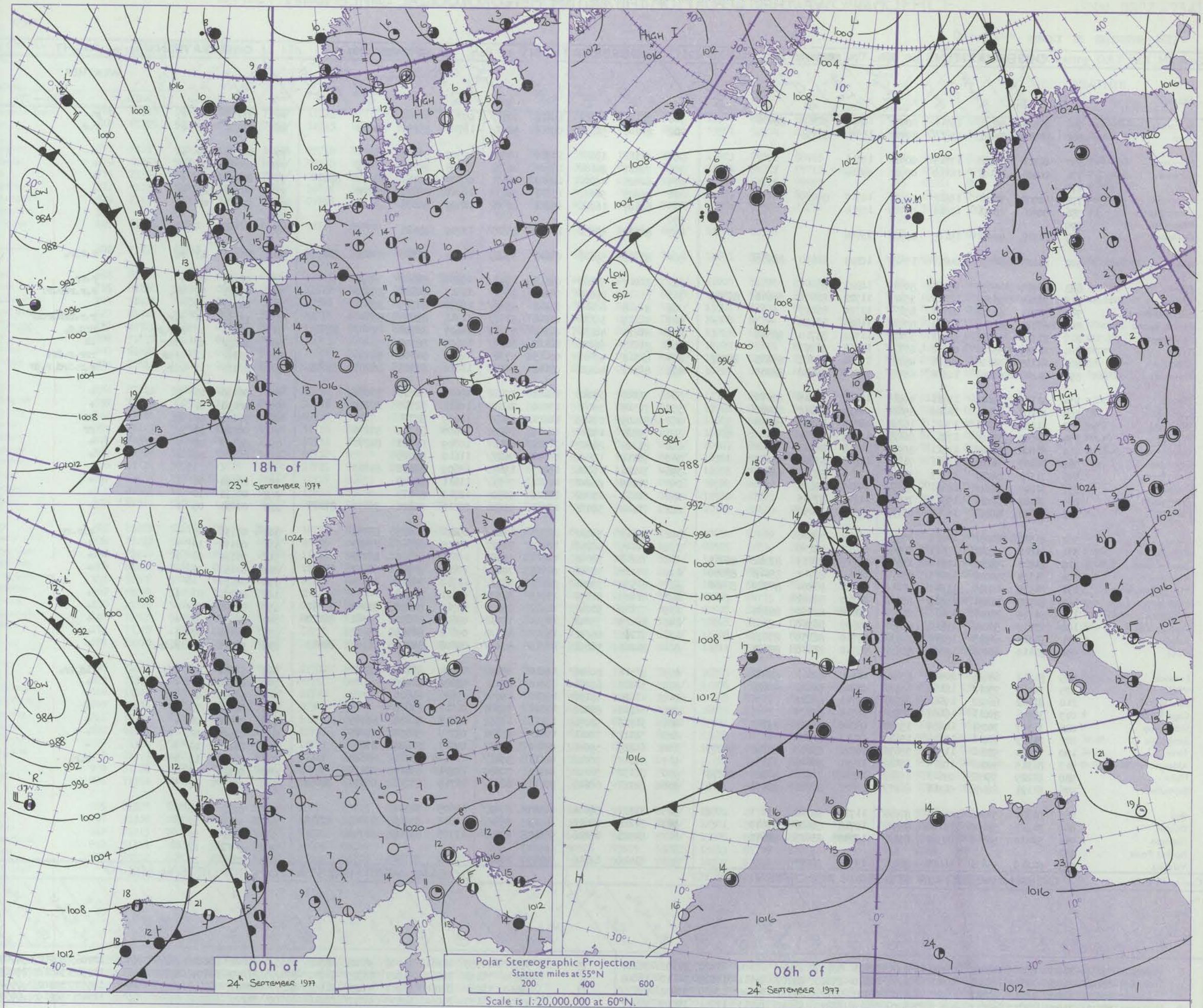
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23181	73311	98012	07809	75500	00400	87625	/////	05506	11216	30504	34907
L	99570	70199	23184	81226	96026	98012	872//	00718	83704	86708	0//11	11243	30910	16009
M	99660	10028	23184	82309	97022	23808	885//	00400	/////	/////	05103	10852	30402	/////
R	99471	70171	23184	62628	97038	94017	59430	00211	82915	83820	0//15	11773	30708	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE



GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 24 SEPTEMBER 1977

During the past 24 hours a depression between the Azores and southwest Ireland has moved slowly northeast and deepened. The associated fronts have moved east into Biscay and close to southwest England. The anticyclone over northeast Scotland has moved steadily eastwards into southern Scandinavia, and the associated ridge across the North Sea has also moved east.

During the next 24 houts the anticyclone is expected to become slow-moving over the Baltic. The Atlantic low will drift northeast and start to fill, and the associated occluded front will move northeast across western parts of the British Isles.

Code FM 11.V

OBSERVATIONS at 00h. 24 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81013	59052	13711	8097/	10819	81362	88466	
Hurn	862	81315	59022	13015	8097/	11720	88358		
Manston	797	01311	40050	17313	00900	10816			
Gatwick	776	00808	16101	16110	00900	09816			
Kew	775								
Heathrow	772	40908	30041	15912	00901	10717	84075		
Honington	586	00806	20051	18011	00900	10814			
Wattisham	590								
Gorleston	497	01318	48051	19115	00900	13714			
Aberporth	502	81423	61052	09213	1562/	10823	81630	88460	
Filton	628	81015	45052	12813	8092/	10823	88465		
Rhoose	715	81014	56052	11313	5542/	11722	82612	85640	88459
Hartland Point	703	81014	64636	08713	856//	11724	88635		
Mount Batten	827	81315	62216	08814	8092/	11825	88458		
St. Mawgan	817	81325	50616	06413	3742/	11730	83710	88545	
Scilly	804	81325	58216	03912	873//	12718	88707		
Culdrose	809	81118	50636	06814	4532/	13724	82708	84628	88557
Guernsey	894	81218	60052	10814	6573/	08722	86650	88360	
Elmdon	534	81110	22041	15711	40917	10716	84465	88270	
Cardington	559	51108	12101	16909	25610	09719	82640	84460	
Wittering	462	61206	10101	17411	16206	10715	81703	86275	
Watnall	354	81009	18106	17211	861//	10814	88702		
Shawbury	414	81008	20042	14511	8092/	10716	88463		
Finningley	360	71107	56102	17611	763//	11813	83707	87711	
Spurn Point	396	71114	64031	18813	753//	12715	85708	87630	
Leeming	257	81004	60042	18311	854//	09815	88616		
Tynemouth	262	71408	61021	19511	756//	11711	87635		
Carlisle	222	70602	60031	16411	6573/	08815	86650		
Valley	302	81318	60032	11215	8097/	06718	88460		
Ringway	334	71014	40042	15612	00908	09713	87270		
Squires Gate	318	81011	58042	14811	2567/	10715	82635	83362	88465
Ronaldsway	204	81124	56042	12613	854//	08715	83712	85618	88650
Mull of Galloway	131	81635	60026	11513	5721/	10723	82704	84710	88460
Eskdalemuir	162	81507	56051	11410	855//	06710	88622		
Prestwick	135	81219	50041	15011	3577/	07812	83650	88359	
Abbotsinch	140	70610	56041	15810	60932	07809	86360		
Leuchars	171	51313	64012	18210	20932	07710	82359	85075	
Dyce	091	81410	65056	19011	855//	08710	81620	88634	
Lerwick	005	81812	68026	20409	854//	06400	82616	88622	
Wick	075	71514	75012	18110	6553/	08709	81622	86628	
Sule Skerry	010	81122	66022	17611	855//	09713	88620		
Cape Wrath	049	31806	80011	16107	25501	06714	82625		
Stornoway	026	31307	70051	14909	15630	08716	81630	83362	
Benbecula	022	21213	70011	13211	15630	09717	81640		
Tiree	100	71224	58041	11512	35636	09722	83640	83362	86275
Aldergrove	917	81315	50042	10213	2542/	10720	82617	88458	
Malin	980	81229	58102	08613	15637	10822	81645	86360	88275
Belmullet	976	81121	62606	01814	6647/	10722	86716	88459	
Birr	965	81321	58606	04013	874//	11724	88712		
Dublin	969	81221	58102	08114	855//	10718	86626	87640	
Shannon	962	81430	56616	00513	855//	10730	85623	88645	
Roches Point	952								
Valentia	953	81219	56636	96414	864//	13516	88713		

OBSERVATIONS at 06h. 24 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	71113	60012	10412	7093/	09710	87360		
Hurn	862	81216	56052	09615	5097/	10711	85358	88460	
Manston	797	71312	40051	14912	00908	10509	87275		
Gatwick	776	70807	24101	13209	40938	09608	84364	87275	
Kew	775	61006	40051	12912	40971	09609	82362	83367	86073
Heathrow	772	80908	56051	13011	50937	10711	85364	88270	
Honington	586	61107	16051	15211	00902	11609	86075		
Wattisham	590								
Gorleston	497	81222	48051	16415	855//	12709	88625		
Aberporth	502	81525	59616	05012	3542/	11612	81710	83640	88457
Filton	628	81012	57052	09313	1547/	10614	81615	88358	
Rhoose	715	81216	48636	08013	855//	11613	84626	88640	
Hartland Point	703	81318	64616	04812	854//	10721	84715	88641	
Mount Batten	827	81215	30636	06012	5732/	11711	85708	88540	
St. Mawgan	817	81424	40636	04312	7722/	11607	83704	87707	88540
Scilly	804	81417	56026	01114	863//	14605	88708		
Culdrose	809	81318	40616	03413	4722/	12610	84704	88556	
Guernsey	894	81317	40626	08112	872//	11610	83703	86705	88615
Elmdon	534	71210	35042	12411	20932	09609	82365	87070	
Cardington	559	71310	35102	13910	26432	10611	82710	87075	
Wittering	462	81209	05464	14411	860//	11609	88701		
Watnall	354	70908	10284	14010	26208	10609	82705	87270	
Shawbury	414	81108	28042	11312	60917	10709	84363	88272	
Finningley	360	71111	13102	14411	762//	11610	87705		
Spurn Point	396	31216	15101	15813	15670	12609	81630	83360	
Leeming	257	71209	22042	14912	763//	11611	87709		
Tynemouth	262	61418	23102	16112	00906	12713	86275		
Carlisle	222	71208	59032	13211	55536	09614	81620	85650	87275
Valley	302	81417	59022	07514	1562/	09611	81635	88457	
Ringway	334	71115	30042	12612	70972	09505	81360	87463	
Squires Gate	318	71212	50042	11411	20938	10611	82362	87270	
Ronaldsway	204	81123	32042	08713	7547/	10718	81713	86650	88462
Mull of Galloway	131	81535	58031	08413	885//	11714	85820	86625	
Eskdalemuir	162	81009	50052	13910	863//	09621	88707		
Prestwick	135	71120	57042	11412	25676	08715	82630	83360	85462
Abbotsinch	140	60910	58042	12511	15732	08612	81650	83362	86070
Leuchars	171	71202	66032	15611	653/2	09612	84709	85630	
Dyce	091	81205	56051	17210	853//	09608	82706	86707	88645
Lerwick	005	81511	80026	19010	854//	09604	83710	88622	
Wick	075	31613	65051	17010	25401	08602	81715		
Sule Skerry	010	11626	48100	15510	15500	09606	81620		
Cape Wrath	049	31812	80020	13411	35500	06713	83625		
Stornoway	026	31318	58051	11811	15632	08715	81630	83075	
Benbecula	022	51111	70011	10011	15732	09710	81650	85075	
Tiree	100	61225	59041	08412	15632	09717	81640	85075	
Aldergrove	917	81217	50042	06613	854//	10717	83714	88628	
Malin	980	81132	56102	04913	50938	10711	85360	87270	
Belmullet	976	81121	60616	97113	6647/	11719	85716	85636	88459
Birr	965	81321	56606	00513	874//	11605	88712		
Dublin	969	81218	75615	04513	863//	11612	83706	85708	87712
Shannon	962	81323	65026	97614	873//	13705	83708	88710	
Roches Point	952								
Valentia	953	81416	62616	94815	864//	14604	88712		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97111	09	+	r.
Hurn	862	01131	11	+	r.r.
Manston	797	00120	09	+	+
Gatwick	776	00090	07	+	+
Kew	775	00120	07	+	+
Heathrow	772	00110	09	+	+
Honington	586	00100	08	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	95121	11	r.	r.r.r.
Filton	628	01121	09	+	r.rr.
Rhoose	715	05121	11	ir.	r.r.rrr.r.
Hartland Point	703	08121	11		
Mount Batten	827	13111	11	r.r.	r.r.rrRdrd.r
St. Mawgan	817	07111	11	r.r.rr	rrd.d.
Scilly	804	16122	12	irrr	iR
Culdrose	809	19112	11	rrRR	rrr.r.ir.
Guernsey	894	09111	11	r.r.	r.r.ird.r.dr
Elmdon	534	00110	09	+	+
Cardington	559	00090	07	+	+
Wittering	462	97101	09	ff	ff
Watnall	354	00100	08	+	ff
Shawbury	414	00110	08	+	+
Finningley	360	00100	08	+	+
Spurn Point	396				
Leeming	257	00110	08	+	+
Tynemouth	262	00110	10	+	+
Carlisle	222	00090	05	+	+
Valley	302	01131	09	+	r.r.rr
Ringway	334	00110	10	+	+
Squires Gate	318	00110	09	+	+
Ronaldsway	204	00130	12	+	+
Mull of Galloway	131	00130			
Eskdalemuir	162	00071	03	+	+
Prestwick	135	00090	08	+	+
Abbotsinch	140	00090	08	+	+
Leuchars	171	00091	07	+	+
Dyce	091	97091	07	r.ir.	+
Lerwick	005	91081	07	id.	id.ir.
Wick	075	00100	07	+	+
Sule Skerry	010	00091	08		
Cape Wrath	049	00080	06	+	+
Stornoway	026	00080	06	+	+
Benbecula	022	00100	08	+	+
Tiree	100	00110	10	+	+
Aldergrove	917	97121	11	+	r.r.
Malin	980	0012	10		
Belmullet	976	0412	11		
Birr	965	0212	11		
Dublin	969	9312	12		
Shannon	962	0112	11		
Roches Point	952	#12	12		
Valentia	953	1813	12		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ch_ch_c$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24001	83409	98258	08909	856//	00303	88637	/////	05606	11190	3//03	34/07
L	99569	70196	24004	81128	95586	95311	872//	00820	85703	88707	0//11	11228	31110	16008
M	99660	10029	24004	62212	97012	23007	68400	00808	/////	/////	05105	10869	30402	/////
R	99470	70171	24004	72732	97018	98417	78500	00219	83820	86640	0//13	11761	30809	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_ch_ch_c$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24061	83408	98028	08508	6555/	00602	86624	/////	05705	11206	3//02	34/07
L	99570	70198	24064	81024	95525	91712	872//	21709	86704	88707	0//12	11251	31010	15008
M	99660	10031	24064	81814	97028	21608	863//	00707	/////	/////	00009	10857	30302	/////
R	99471	70173	24064	62835	97022	00016	68500	71209	83820	85640	0//12	11742	30810	/////

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. 42311

ISSN 0307–2541

Date of Issue SUNDAY 25 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 24 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81316	56612	08513	7742/	11713	87712	88556	
Hurn	862	81309	50506	08114	7542/	12713	86710	86650	88457
Manston	797	71215	50052	12115	10938	09719	81365	87270	
Gatwick	776	81213	58042	10514	8097/	08715	85362	88465	
Kew	775	71307	58052	10516	7097/	09716	82362	87468	
Heathrow	772	81112	56052	10515	3857/	10716	81828	83656	88468
Honington	586	71114	56052	12617	31502	09718	83822	87075	
Wattisham	590								
Gorleston	497	61322	58051	14515	00904	11717	86075		
Aberporth	502	71526	62036	03714	754//	10805	82712	87635	
Filton	628	81114	30216	07613	854//	12813	84710	86622	88635
Rhoose	715	81216	50216	06413	854//	11612	87710	88620	
Hartland Point	703	71417	74036	04015	6837/	12500	82708	83812	86630
Mount Batten	827	81412	22636	04114	871//	13714	86702	88704	
St. Mawgan	817	81515	50586	03014	872//	13708	84703	88704	
Scilly	804	71817	50216	01316	754//	16801	87612		
Culdrose	809	61814	50216	02616	65030	15606	83701	85620	
Guernsey	894	81612	40506	06413	872//	13708	85703	87704	
Elmdon	534	81213	58042	10215	50927	08711	85462	88270	
Cardington	559	71314	56052	11416	40958	10716	84363	87275	
Wittering	462	61416	59024	11717	21402	09717	82817	86075	
Watnall	354	71113	50052	11215	15505	11716	81622	84272	86078
Shawbury	414	81312	58042	09115	1562/	10712	81635	88460	
Finningley	360	71217	59052	11918	52502	09718	85829	86075	
Spurn Point	396	51118	30051	13815	20971	12715	82360	85075	
Leeming	257	61414	57041	12417	626//	10719	86830		
Tynemouth	262	81418	12102	14313	8091/	13812	88458		
Carlisle	222	81311	50042	11016	15577	09715	81628	83465	88272
Valley	302	81218	57616	05513	3542/	10717	81715	83630	88550
Ringway	334	71121	50042	09616	4097/	09716	84359	87466	
Squires Gate	318	71219	57042	09217	25438	11714	81618	83360	87270
Ronaldsway	204	81221	40612	07513	5542/	10709	81712	85650	88459
Mull of Galloway	131	81528	58022	07114	4747/	11701	84710	88460	
Eskdalemuir	162	71214	57052	11614	755//	08713	83620	86650	
Prestwick	135	81318	56042	09515	8097/	09712	83460	88362	
Abbotsinch	140	71315	59042	10016	15672	08718	81640	87070	
Leuchars	171	71120	27052	13814	753//	11716	85708	86640	
Dyce	091	81210	15402	15813	862//	11711	81703	87704	88705
Lerwick	005	71614	60056	18912	752//	11702	86705	87620	
Wick	075	71316	38051	15312	5623/	11716	84705	83640	85362
Sule Skerry	010	11418	62021	14513	12500	11707	81820		
Cape Wrath	049	81814	60031	12613	5551/	10301	85625	88460	
Stornoway	026	41219	64051	09814	15732	11821	81650	83360	
Benbecula	022	41317	65011	07415	15632	12717	81640	83362	
Tiree	100	71326	58042	06715	2573/	11711	82650	87362	
Aldergrove	917	81218	40616	05114	4547/	11712	83711	83616	86358
Malin	980	81226	60606	03814	6642/	10707	84714	85640	88460
Belmullet	976	71324	74016	96315	764//	12809	84716	87637	
Birr	965	81320	60216	99214	864//	12611	85715	87630	
Dublin	969	81320	20586	02612	862//	12613	85705	88708	
Shannon	962	71215	70026	96617	764//	14806	86715	85625	
Roches Point	952	81313	40106	98016	862//	15605	88704		
Valentia	953	81812	62806	95816	824//	15302	86710	83818	

OBSERVATIONS at 18h. 24 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81311	23516	07412	871//	11500	86702	88705	
Hurn	862	81309	30635	07014	852//	13501	82704	87705	88615
Manston	797	81512	56052	10315	8097/	11603	85359	88463	
Gatwick	776	81208	30516	09213	853//	12301	84707	85712	88650
Kew	775	81306	30606	09114	4742/	10301	84715	88550	
Heathrow	772	81207	45216	09214	854//	11501	85618	88650	
Honington	586	81111	48052	10615	70977	10504	87362	88270	
Wattisham	590								
Gorleston	497	61122	58052	11716	6093/	12709	86358		
Aberporth	502	71412	62212	03313	764//	12601	87710		
Filton	628	81312	40056	06513	853//	11000	86708	88615	
Rhoose	715	81312	50216	05413	872//	12301	83704	88708	
Hartland Point	703	82212	66646	03814	853//	13307	84708	88630	
Mount Batten	827	72113	60258	04715	782//	14208	84704	86812	87618
St. Mawgan	817	51910	70028	03915	48331	13213	84809		
Scilly	804	62116	62258	02815	38452	14209	81815	84360	
Culdrose	809	61912	57108	03914	48402	14310	82710	83625	
Guernsey	894	72207	68216	07015	6933/	14210	82706	85709	82920
Elmdon	534	81206	50606	08613	5567/	11302	85645	88359	
Cardington	559	81210	56606	09614	2567/	12502	82640	88360	
Wittering	462	81311	50026	09914	6572/	10602	86650	88460	
Watnall	354	81212	35622	09814	2552/	10303	82625	88459	
Shawbury	414	81108	45046	07413	4557/	10502	84622	88359	
Finningley	360	81113	50042	10015	8097/	10301	85362	88464	
Spurn Point	396	61118	32051	11214	40971	12608	84360	86075	
Leeming	257	71214	50042	10114	00908	10504	87272		
Tynemouth	262	71420	30102	12713	00904	12500	87075		
Carlisle	222	81210	57022	08415	2557/	10505	82625	88462	
Valley	302	81318	60036	03914	855//	10604	82620	88626	
Ringway	334	81116	58216	07815	1562/	08505	81635	88459	
Squires Gate	318	81114	59616	07013	5567/	11705	85645	86359	88465
Ronaldsway	204	81225	58046	05014	856//	10608	88640		
Mull of Galloway	131	81628	58026	04814	3557/	10608	83620	88360	
Eskdalemuir	162	61112	40052	08913	684//	09805	84715	85645	
Prestwick	135	81613	57602	07215	5567/	09507	81630	85640	88460
Abbotsinch	140	80810	56042	07516	1567/	10608	81645	88462	
Leuchars	171	81017	35052	11613	862//	11508	84705	88707	
Dyce	091	81214	22052	13412	861//	11811	82702	88703	
Lerwick	005	71515	35102	17910	762//	10705	87704		
Wick	075	71418	40052	13612	5623/	11706	82704	85710	87362
Sule Skerry	010	61432	48051	12212	36402	10709	83710	84075	
Cape Wrath	049	61411	65022	10013	35502	10609	83625	86075	
Stornoway	026	61318	62051	07314	25632	10611	82630	83362	85070
Benbecula	022	81312	68601	05515	8097/	11608	84360	88462	
Tiree	100	71429	58606	04314	3577/	10707	83650	87359	
Aldergrove	917	81318	30206	03412	854//	11707	85710	88616	
Malin	980	71328	56216	01713	764//	10610	83710	86716	87645
Belmullet	976	81115	65606	95815	864//	13501	86716	87636	
Birr	965	81211	62605	98514	864//	13001	87711	86632	
Dublin	969	81318	35506	01813	863//	12301	84706	88712	
Shannon	962	81510	65638	96715	873//	15305	83708	86712	87645
Roches Point	952	71814	50106	98415	52372	13213	85709	87075	
Valentia	953	72013	65258	96715	784//	14209	83710	86818	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	02131	000	rr.r.d.	d.d.id.R
Hurn	862	03151	000	rr.d.r.drd.	d.r.d.drr
Manston	797	97170	024	+	r.d.r.d.
Gatwick	776	01151	000	r.	r.r.d.d.
Kew	775	01161	001	+	r.rd.
Heathrow	772	01161	000	r.	r.rd.d.
Honington	586	97181	033	+	r.
Wattisham	590				
Gorleston	497		014		
Aberporth	502	94151	019	ir.	ir.id.d.r.
Filton	628	01141	000	r.ir.rr.ir.	ir.id.
Rhoose	715	02131	000	r.rir.	ir.irr.
Mount Batten	703	03161	049		
St. Mawgan	827	07161	000	d.r.drr.r.rR	pRrrpr.
Scilly	817	07171	017	d.d.rpr	rpr.pr
Culdrose	804	12172	044	irrr	prpr.
Guernsey	809	03172	013	r.r.rrpr.	pr.
Elmdon	894	08151	000	r.id.ir	iriRifr
Cardington	534	01151	006	r.	r.rr.r.
Wittering	559	92170	003	+	rir.
Watnall	462	97181	012	+	r.r.
Shawbury	354	01171	006	+	rr.r.
Finningley	414	01151	000	r.r	rr.d.r.
Spurn Point	360	97190	021	+	ir.
Leeming	396			+	+
Tynemouth	257	00180	025	+	+
Carlisle	262	00130	000	+	+
Valley	222	97180	001	+	r.
Ringway	302	07151	000	rrr.r.rr	+
Squires Gate	334	97160	003	+	r.r.
Ronaldsway	318	93171	001	ir.	ir.r.r.
Mull of Galloway	204	91140	000	r.r.	r.r.
Eskdalemuir	131	97140			
Prestwick	162	97161	007	+	r.
Abbotsinch	135	92171	000	+	irir.d.r.
Leuchars	140	97170	009	+	ir.
Dyce	171	00141	002	+	+
Lerwick	091	00131	000	jf	+
Wick	005	00121	007	+	+
Sule Skerry	075	00130	036	+	+
Cape Wrath	010	00131			
Stornoway	049	00151	061	+	+
Benbecula	026	00150	061	+	+
Tiree	022	95161	022	+	ir.r.
Aldergrove	100	97150	001	+	ir.
Malin	917	95141	000	r.r.	r.r.dd.ir.
Belmullet	980	9714	000		
Birr	976	9717	000		
Dublin	965	9716	002		
Shannon	969	0414	000		
Roches Point	962	1218	006		
Valentia	952	0216	002		
	953	0417	001		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

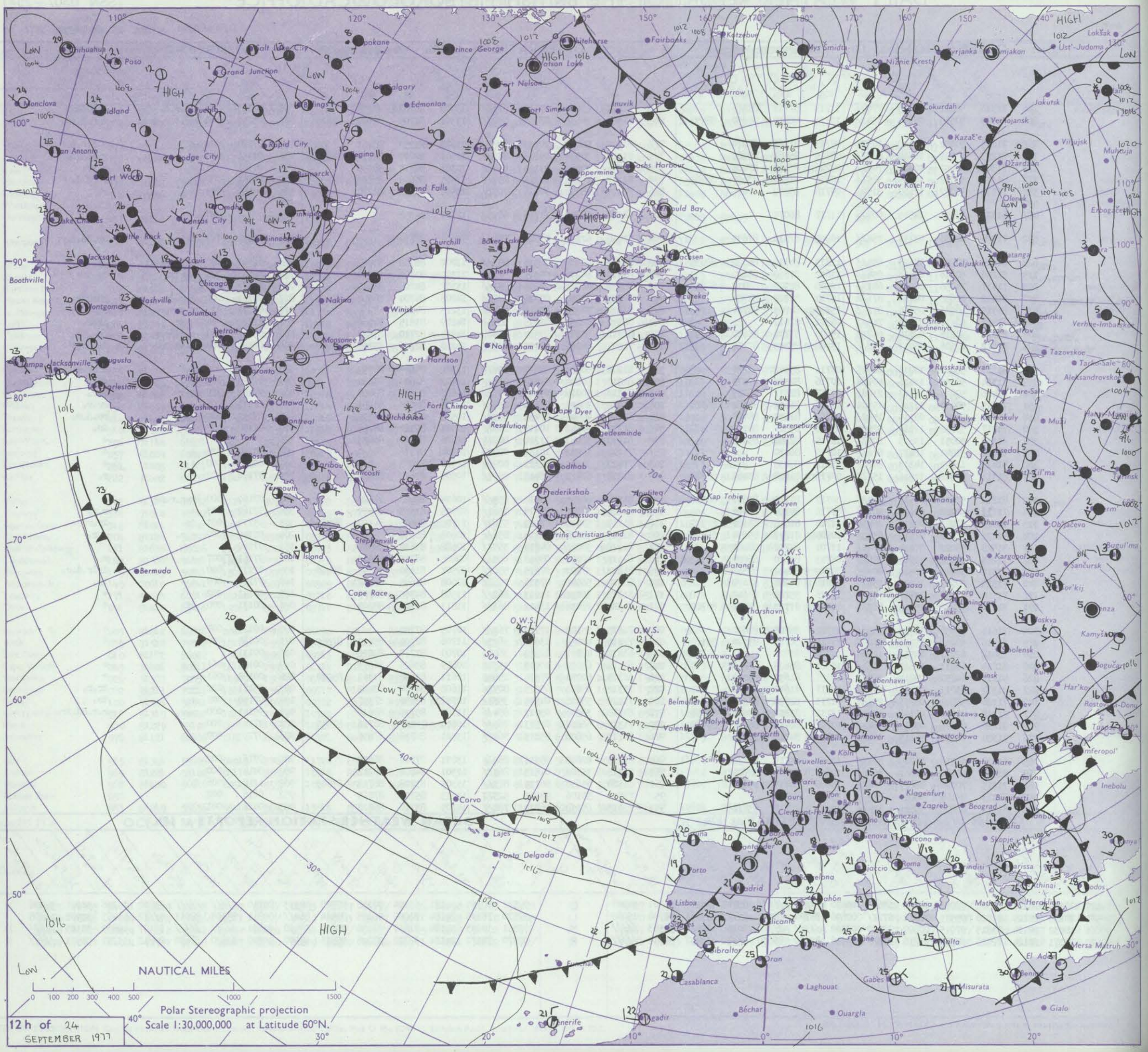
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24121	83505	98258	08608	68652	00400	/////	/////	05703	11229	30201	34907
L	99570	70198	24124	81020	95515	91712	872//	00806	86704	88707	0//12	11261	30706	15008
M	99661	10032	24124	71815	97015	20809	78400	00702	/////	/////	00108	10874	30503	/////
R	99470	70171	24124	72726	97258	03716	785//	00018	83820	86650	0//12	11747	30912	/////

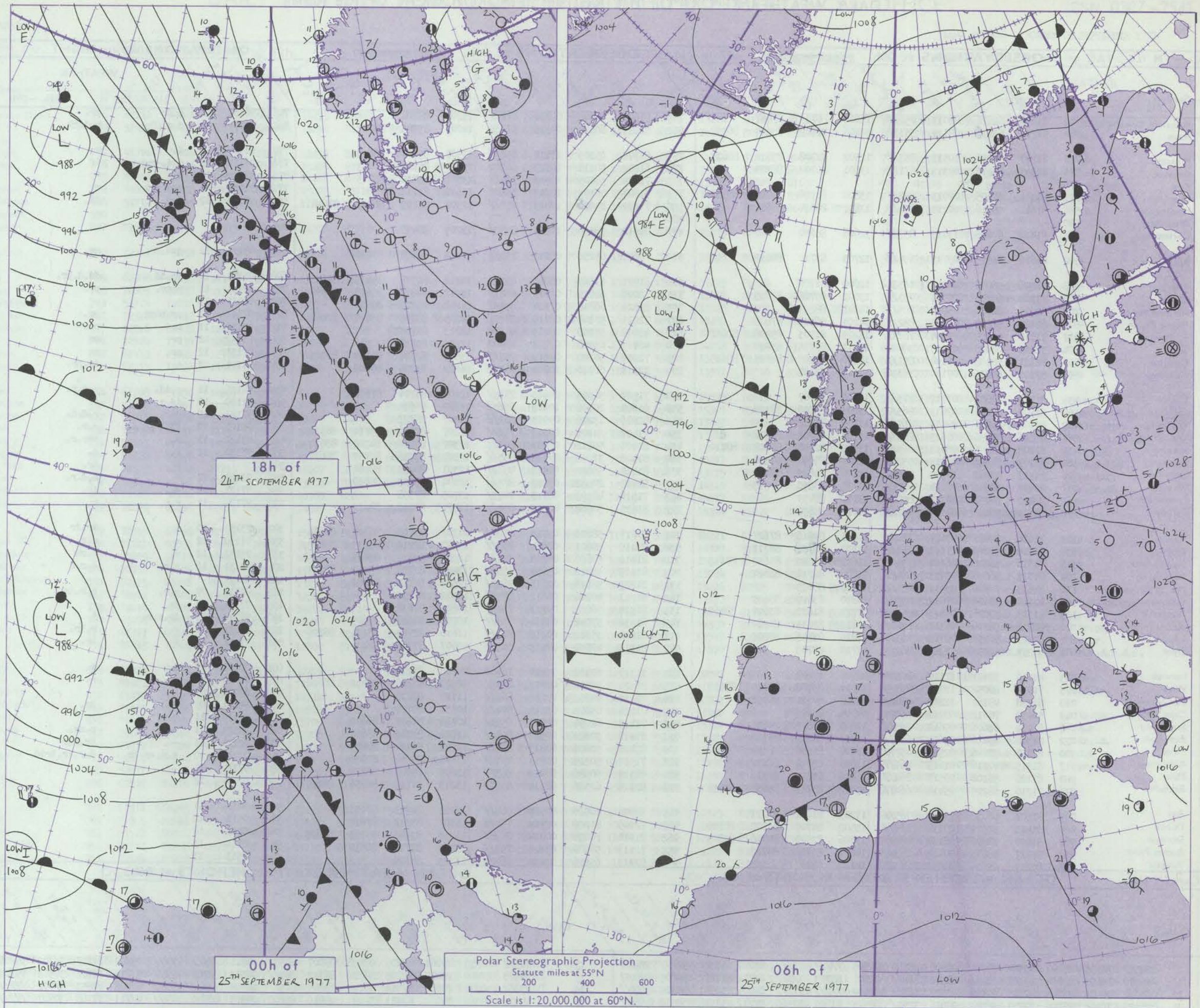
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24181	63104	97158	07508	49333	00710	/////	/////	05802	11246	30201	34006
L	99570	70198	24184	81008	96285	89514	862//	00811	83705	88711	0//12	11263	30501	16008
M	99661	10033	24184	72017	97158	20808	59460	00601	/////	/////	00107	10859	30503	/////
R	99470	70170	24184	62722	97018	05916	68500	00209	81820	86650	0//12	11757	30911	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 25 SEPTEMBER 1977

During the past 24 hours an anticyclone has remained slow-moving over Scandinavia. A depression west of Ireland has moved slowly north with associated fronts over southwest England moving slowly northeast across Wales and central and southern areas of England. During the next 24 hours, the high over Scandinavia will drift slowly east. The depression west of Ireland will fill with the fronts continuing to move north, across Scotland and the Northern Isles. A depression in mid-Atlantic will move northeast towards Ireland.

Code FM 11.V

OBSERVATIONS at 00h. 25 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71907	62026	08013	752//	13204	86703	87657	
Hurn	862	71704	63038	08114	3533/	14106	82709	83614	86358
Manston	797	81709	50056	10513	853//	12502	82708	85710	88618
Gatwick	776	81408	20515	09313	871//	13801	86702	88703	
Kew	775								
Heathrow	772	81106	38105	09013	853//	13804	81706	86709	88618
Honington	586	81511	35516	10213	854//	11802	86614	88626	
Wattisham	590								
Gorleston	497	81422	60606	11415	857//	12606	88650		
Aberporth	502	61616	62215	03713	654//	12703	83710	86630	
Filton	628	21506	58056	06813	16331	12000	81708		
Rhoose	715	71307	60036	05914	753//	13002	85706	87635	
Hartland Point	703	82215	66616	05015	885//	14102	88825		
Mount Batten	827	82119	58808	06414	882//	14204	86705	87625	
St. Mawgan	817	72110	62028	05814	782//	14209	81703	85706	87622
Scilly	804	32215	62028	05215	38400	14111	82815	83630	
Culdrose	809	82111	50108	06114	851//	14210	83702	84705	88625
Guernsey	894	32111	66016	09114	36330	13105	83707		
Elmdon	534	81309	40602	07912	873//	11705	88707		
Cardington	559	81509	50106	09413	863//	13803	85706	88709	
Wittering	462	81508	50046	09413	864//	11705	88710		
Watnall	354	81206	45056	08613	863//	11707	86708	88711	
Shawbury	414	81208	18046	06613	863//	11705	82707	84708	88710
Finningley	360	71209	57046	08913	5577/	11808	85650	87360	
Spurn Point	396	81219	59022	10114	4557/	13706	84625	88460	
Leeming	257	81409	40042	08914	857//	11710	88650		
Tynemouth	262	81422	56052	10313	8092/	13712	88459		
Carlisle	222	81105	56046	07114	857//	10712	88650		
Valley	302	71616	62021	03614	754//	11601	84616	87627	
Ringway	334	81310	45042	07113	863//	11709	82708	88713	
Squires Gate	318	71316	56046	06314	755//	11605	81620	83630	87643
Ronaldsway	204	81321	56046	03913	854//	11709	82711	88624	
Mull of Galloway	131	81535	58606	03013	855//	10710	88625		
Eskdalemuir	162	81110	40606	07812	855//	10810	83620	88625	
Prestwick	135	81313	50026	05513	3552/	09713	81620	83640	88460
Abbotsinch	140	80911	56216	06314	2562/	09811	82635	88460	
Leuchars	171	81121	56052	09913	863//	11810	83706	88707	
Dyce	091	81315	56052	12312	862//	11710	88705		
Lerwick	005	41416	57101	17110	46300	09807	84707		
Wick	075	71422	50052	11912	753//	10711	83708	85714	87620
Sule Skerry	010	61428	48162	11212	4642/	11002	84710	86458	
Cape Wrath	049	51410	70012	08912	55571	09705	85625		
Stornoway	026	81112	62606	05612	855//	11609	84625	88635	
Benbecula	022	81318	65026	03614	6567/	11712	86643	88360	
Tiree	100	81427	58046	02514	4577/	11708	84650	88359	
Aldergrove	917	81315	40216	01613	864//	11808	83710	88712	
Malin	980	81126	56106	99513	864//	11816	83710	87716	
Belmullet	976	71210	68215	95414	6647/	13706	83717	85638	87459
Birr	965	71507	66036	99014	785//	13203	81821	87639	
Dublin	969	81413	57605	00914	862//	13502	84703	86705	88710
Shannon	962	81609	58806	98114	884//	13106	82710	84716	85825
Roches Point	952	82117	58615	00114	863//	14204	85708	88712	
Valentia	953	82115	65616	98515	863//	14110	88707		

OBSERVATIONS at 06h. 25 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	81607	57602	09214	872//	13208	88704		
Hurn	862	81911	60635	09315	872//	14003	85705	88707	
Manston	797	81709	25105	11414	852//	13309	85704	88616	
Gatwick	776	61802	50116	10913	66300	12214	86709		
Kew	775	71802	56105	10413	764//	13307	83710	86715	
Heathrow	772	31303	50106	10713	38402	13311	81712		
Honington	586	71409	25055	10813	752//	12308	82703	86704	87618
Wattisham	590								
Gorleston	497	81614	58056	11715	8092/	13205	88459		
Aberporth	502	72011	65256	05213	753//	12210	86708	87630	
Filton	628	81907	61505	08014	853//	14212	81708	85635	88656
Rhoose	715	72006	64016	07415	6847/	13212	84812	85618	87360
Hartland Point	703	82722	66818	07114	853//	14205	85709	88630	
Mount Batten	827	72411	57108	08714	5822/	14215	83705	83640	87460
St. Mawgan	817	42008	59108	08013	48200	12213	81705		
Scilly	804	42414	65018	07714	48400	13214	83818		
Culdrose	809	72209	50108	08314	752//	13313	82704	85709	86625
Guernsey	894	72313	62016	10814	762//	14212	83704	86705	
Elmdon	534	71507	56605	08513	753//	12207	85706	87614	
Cardington	559	61609	20106	10313	656//	13309	86635		
Wittering	462	81806	13206	09913	862//	13307	88703		
Watnall	354	71407	24106	09013	752//	12207	83705	85714	86620
Shawbury	414	81408	50612	06913	853//	12307	82706	84708	88614
Finningley	360	81409	37042	09113	853//	12307	85706	85709	88632
Spurn Point	396	81414	58022	09813	4557/	12301	84625	88460	
Leeming	257	81409	20582	08313	872//	12104	85703	88708	
Tynemouth	262	71518	48102	08913	7097/	13705	87358		
Carlisle	222	81610	56602	06313	854//	11500	82712	88622	
Valley	302	81817	58606	03915	852//	14306	84705	86710	88614
Ringway	334	81410	50601	07014	854//	12203	82710	85715	88640
Squires Gate	318	81412	50606	06213	854//	12304	83712	88645	
Ronaldsway	204	81415	50212	03614	853//	12400	81708	85715	88621
Mull of Galloway	131	81725	58026	02613	4642/	12500	84710	88460	
Eskdalemuir	162	81211	40216	06612	874//	11302	88712		
Prestwick	135	81314	56022	04213	7542/	10801	87618		
Abbotsinch	140	81110	57042	04614	855//	10703	84628	88645	
Leuchars	171	81222	35212	07213	862//	11610	82704	85705	88706
Dyce	091	81315	40052	09412	862//	10607	87704	88706	
Lerwick	005	11319	60101	15210	16401	09708	81710		
Wick	075	81422	50052	09412	853//	10509	82708	86712	88618
Sule Skerry	010	81432	40052	07612	864//	11717	88710		
Cape Wrath	049	81414	65602	03113	874//	10831	88710		
Stornoway	026	71413	62056	02513	6553/	10713	81627	86640	
Benbecula	022	81419	30622	00513	854//	11710	83712	88618	
Tiree	100	81427	50606	00013	854//	12708	86714	88625	
Aldergrove	917	71510	50215	01013	753//	13500	83706	87625	
Malin	980	81319	50586	98414	863//	13605	85708	87717	
Belmullet	976	82116	62586	96714	6647/	13213	84716	86636	88459
Birr	965	81908	66026	00514	864//	13212	86713	87631	
Dublin	969	72109	81206	01714	754//	13307	83718	87628	
Shannon	962	81910	70038	00914	863//	13218	83708	86715	86625
Roches Point	952	72113	58586	03314	764//	13320	87710	86635	
Valentia	953	82313	65216	02414	864//	13323	88714		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	96131	12	d.dr	ir.
Hurn	862	05141	12	d.r.pR2	r.d.rR
Manston	797	91130	12	d.	r.
Gatwick	776	96111	07	d.d.-r.r	if
Kew	775	97120	06	d.	+
Heathrow	772	91131	08	d.d.-r.	+
Honington	586	97130	12	d.d.	id.
Wattisham	590				
Gorleston	497				
Aberporth	502	03121	11	d.r.dr	pr.
Filton	628	01131	10	id.dd.	dd.d.pr.
Rhoose	715	02131	11	r.rr.	pr.
Hartland Point	703	06131	13		
Mount Batten	827	07141	12	pr.pRpr	pr.
St. Mawgan	817	02131	11	pr	pr.
Scilly	804	01142	12	pr	pr
Culdrose	809	02131	12	pr.	+
Guernsey	894	01141	13	+	ir.pr.
Elmdon	534	94121	11	r.id.	r.d.r.
Cardington	559	91120	10	id.r.	+
Wittering	462	97121	12	d.r.	r.d.d.
Watnall	354	92121	10	[redacted] roido	r.r.
Shawbury	414	03121	11	r.	rRr.r.
Finningley	360	97130	11	r.	d.
Spurn Point	396			+	ir.
Leeming	257	92121	12	+	r.d.r.
Tynemouth	262	97121	12	+	ir.
Carlisle	222	97130	11	r.r.	r.
Valley	302	03131	10	+	ir.ir
Ringway	334	91130	12	+	r.r.
Squires Gate	318	95131	12	r.	r.rR
Ronaldsway	204	03131	12	Rir	d.r.r
Mull of Galloway	131	94121			
Eskdalemuir	162	92111	09	r.r.	r.r.ir.
Prestwick	135	97131	12	ir.	+
Abbotsinch	140	97130	11	ir.r.r.	+
Leuchars	171	97131	11	+	r.ir.
Dyce	091	97111	11	+	ir.
Lerwick	005	00101	07	+	+
Wick	075	00110	10	+	+
Sule Skerry	010	00101	09		
Cape Wrath	049	95081	09	+	ir.
Stornoway	026	91120	11	r.r.	+
Benbecula	022	94121	11	+	r.rr.
Tiree	100	02121	11	+	ir.r.r
Aldergrove	917	01121	10	d.r.-r.ir.	d.r.ir.irid.
Malin	980	9713	11		
Belmullet	976	0713	12		
Birr	965	0413	11		
Dublin	969	0513	12		
Shannon	962	0413	12		
Roches Point	952	0114	13		
Valentia	953	0513	13		

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	$8N_ch_ch_c$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25001	63504	98022	06908	48550	00805	/////	/////	05702	11182	3////	35/06
L	99570	70199	25004	81107	93286	88812	862//	00607	88703	/////	0//12	11272	30805	16107
M	99662	10034	25004	82015	97028	20509	863//	00400	/////	/////	00109	10861	30402	/////
R	99470	70168	25004	72721	98032	09216	1253/	00115	81820	87360	0//12	11748	30910	/////

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	$8N_ch_ch_c$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25061	43309	98038	05007	28550	00811	/////	/////	05902	11217	3//02	35/06
L	99573	70200	25064	82708	96216	88112	863//	00303	88708	/////	0//12	11271	30502	99/04
M	99662	10034	25064	82014	97022	21809	863//	00208	/////	/////	00208	10853	3/002	/////
R	99470	70166	25064	62511	97011	09816	65700	00303	86650	/////	0//11	11768	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

No. 42312

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue MONDAY 26 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 25 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62112	83016	11717	68400	13213	85817		
Hurn	862	52212	80016	12517	58400	13214	81715	85820	
Manston	797	41914	75016	13719	22451	12210	82818		
Gatwick	776	72110	58816	13016	6837/	15208	82706	84810	87360
Kew	775	81907	80258	12517	884//	14108	82710	86812	88650
Heathrow	772	81608	58258	12617	884//	15209	81710	85814	88645
Honington	586	51712	75035	12618	42531	11204	84825		
Wattisham	590								
Gorleston	497	71612	32258	13915	774//	14207	87710		
Aberporth	502	72311	65252	09815	784//	15216	86815	86650	
Filton	628	62508	80038	11118	68531	13211	86825		
Rhoose	715	72609	80258	11317	6943/	13218	85810	81916	
Hartland Point	703	52720	74018	11115	58340	14219	81706	83812	85635
Mount Batten	827	72316	65018	12716	784//	14220	81715	84818	86648
St. Mawgan	817	62516	80028	12416	58332	13222	82708	83813	
Scilly	804	72414	72038	12616	5857/	14224	81820	85628	86358
Culdrose	809	62413	75022	12716	38432	14222	82816	83362	
Guernsey	894	72315	75028	14516	784//	14217	81812	87650	
Elmdon	534	61708	70036	10817	62432	14212	86815		
Cardington	559	71810	75251	12217	785//	14207	84825	87645	
Wittering	462	71911	75016	11819	784//	13207	84818	86650	
Watnall	354	71908	58056	11116	7543/	14212	83712	87616	
Shawbury	414	72105	62256	10116	59331	15316	81708	83912	85362
Finningley	360	81710	65026	11017	854//	13210	83712	86614	88650
Spurn Point	396	61515	40102	11715	68400	15207	84815	86625	
Leeming	257	81612	40606	10015	354//	132083	87710	88630	
Tynemouth	262	81615	30106	10113	855//	13103	88620		
Carlisle	222	81809	63216	07615	884//	14309	81715	84625	88633
Valley	302	72019	65026	07916	753/2	15220	81709	87650	
Ringway	334	71912	50806	09916	784//	14316	82712	85818	87656
Squires Gate	318	71809	64616	08817	5847/	16216	81817	84645	87360
Ronaldsway	204	82114	58606	06714	852//	13219	81704	83706	88630
Mull of Galloway	131	82125	60216	05114	5722/	13215	82704	84710	88459
Eskdalemuir	162	81412	50606	07413	853//	12308	83708	86710	88620
Prestwick	135	72014	61206	04916	754//	14204	81710	84613	85622
Abbotsinch	140	81208	50586	04915	854//	13000	82715	83618	87622
Leuchars	171	81317	45216	07314	5557/	12303	85620	87359	
Dyce	091	81315	15606	09012	870//	12802	81701	88702	
Lerwick	005	61423	60010	13712	6533/	10709	82709	86618	
Wick	075	81421	38052	08512	852//	10709	83705	86708	88615
Sule Skerry	010	61432	32102	05913	664//	11714	86710		
Cape Wrath	049	71820	70026	03015	5559/	10808	85625	87360	
Stornoway	026	71417	62052	01415	2577/	11708	82656	86359	87362
Benbecula	022	81521	30616	00012	852//	12500	84704	86707	88620
Tiree	100	81721	35586	01114	862//	14309	83703	86707	88712
Aldergrove	917	71911	65606	04015	5532/	14219	82706	83708	85645
Malin	980	52017	60016	01816	4843/	13220	82817	84630	
Belmullet	976	62319	64106	03015	654//	12238	81711	85637	
Birr	965	72311	66215	06515	764//	13225	84715	85633	
Dublin	969	72316	82026	06016	784//	13220	82715	84820	
Shannon	962	62518	80018	06917	685//	14231	84820	83630	
Roches Point	952	32214	75258	08715	38402	13225	83818		
Valentia	953	72514	75018	08715	52502	12333	85820	83070	

OBSERVATIONS at 18h. 25 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72905	65808	15414	783//	13224	81707	87813	
Hurn	862	62410	70012	15716	684//	14219	82716	83820	
Manston	797	61910	67018	16015	48432	14314	81818	84656	
Gatwick	776	62110	75018	15915	68430	13219	82814	85656	
Kew	775	72105	80258	15216	785//	13322	83825	87650	
Heathrow	772	71908	62258	15216	58532	14221	83826	83650	
Honington	586	71706	70028	14915	6537/	14314	81708	86650	87359
Wattisham	590								
Gorleston	497	71712	58031	15815	7097/	14215	87360		
Aberporth	502	32214	70011	13914	28430	12325	81815		
Filton	628	12509	75018	15115	13541	12223	81920		
Rhoose	715	62610	81038	14714	6843/	12319	81810	85645	
Hartland Point	703	72718	78022	15815	55331	13225	81708	85635	86360
Mount Batten	827	62511	72018	16315	684/1	13220	81815	86635	
St. Mawgan	817	22411	75021	16115	18432	12318	81815		
Scilly	804	72112	72021	16315	5567/	14218	85630	85360	
Culdrose	809	52409	70031	16614	18532	13221	81820	84362	
Guernsey	894	42608	80031	17914	35432	13317	81710	83656	
Elmdon	534	62005	70258	13915	49432	14323	81918		
Cardington	559	61903	50299	15015	694//	15321	83812	84917	
Wittering	462	72009	58919	14714	794//	13322	83918	83825	
Watnall	354	70401	56299	13813	794//	13218	85819	81925	
Shawbury	414	32105	80018	12015	38540	13012	81820	83645	
Finningley	360	61602	65019	13214	45772	13217	84650	85075	
Spurn Point	396	81711	58258	13615	4347/	13215	84915	88460	
Leeming	257	71507	60046	12615	785//	14319	83825	86656	
Tynemouth	262	81913	30638	12514	8052/	14217	88525		
Carlisle	222	72204	81038	11016	785//	14324	82822	87636	
Valley	302	52115	63012	11715	58301	14221	81708	85645	
Ringway	334	31907	80158	12816	39400	14320	81915		
Squires Gate	318	72407	80036	12415	794//	14323	81918	83820	86645
Ronaldsway	204	52308	70016	10914	58400	13224	81710	85645	
Mull of Galloway	131	72323	74016	09314	4857/	13226	82825	84630	87360
Eskdalemuir	162	81710	50506	10613	872//	13223	85703	88706	
Prestwick	135	72112	75028	08715	784//	13222	81712	84624	86637
Abbotsinch	140	72008	57256	08115	784//	14320	81711	83815	86821
Leuchars	171	71613	70806	09015	42572	13317	83820	86364	
Dyce	091	81514	18606	09713	871//	12310	88702		
Lerwick	005	81424	50216	12111	853//	10707	86706	88618	
Wick	075	81517	20216	07512	862//	11302	86704	88708	
Sule Skerry	010	71432	48212	05312	3647/	12302	83710	87358	
Cape Wrath	049	61810	74016	04115	35531	13320	83620	84360	
Stornoway	026	71912	70216	03513	7533/	13317	83706	85625	
Benbecula	022	71917	66026	03513	753//	13224	83707	83616	85630
Tiree	100	72116	70146	05713	754//	12328	81712	87617	
Aldergrove	917	22507	75018	09315	26401	12235	82714		
Malin	980	32416	82258	07713	28402	11234	81817		
Belmullet	976	72211	75031	08814	7643/	11233	84716	85636	85359
Birr	965	72409	82018	11514	784//	10325	82716	83820	
Dublin	969	72609	82038	10816	785//	12228	82820	86640	
Shannon	962	72412	80038	11614	58532	12223	81820	85650	
Roches Point	952	32112	75018	12714	38432	11223	81816	83636	
Valentia	953	71908	80258	11914	785//	11117	81820	87633	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	06191	034	ir.prpr.	pr.prpr.
Hurn	862	97180	053	+	pr.
Manston	797	01191	044	pr.	pr.
Gatwick	776	06181	028	pr.prpR[redacted] r.	pr.
Kew	775	01191	037	pr.pr	pr.pRpr
Heathrow	772	04191	035	d.pr.pr pR	pr.
Honington	586	91200	039	pr.	pr.
Wattisham	590				
Gorleston	497		045		
Aberporth	502	95171	053	pr.	+ (053)
Filton	628	05191	059	pr.prpr.pR	+
Rhoose	715	05171	053	pr.prpr.	+
Hartland Point	703	00150	036		
Mount Batten	827	92171	035	pr.	+
St. Mawgan	817	00171	060	+	+
Scilly	804	00171	056	+	+
Culdrose	809	00160	043	+	+
Guernsey	894	00171	016	+	+
Elmdon	534	01191	027	pr.	pr.pr
Cardington	559	01191	023	pr.	pr.tlrtl.r.
Wittering	462	02191	004	r.pr.	tlr.prpr.
Watnall	354	23181	004	prtl.tl.r.pR	tl.rtl.Rtl.R2
Shawbury	414	03181	018	pr.prpR	pr.pr
Finningley	360	02191	005	d.-d.r.	tl.r.tlR
Spurn Point	396			+	pr.lir.
Leeming	257	03161	000	r.r	r.pr.pR
Tynemouth	262	08151	001	pr.	rr
Carlisle	222	01171	003	[redacted] r.Rrr.pr.	pr.
Valley	302	00171	027	+	+
Ringway	334	07171	016	r.pr.pr	pr.
Squires Gate	318	95191	012	r.r.r	+
Ronaldsway	204	95161	005	d.r.r.r	+
Mull of Galloway	131	01141			
Eskdalemuir	162	05141	000	r.d.r.DR	d.r.id.ir.
Prestwick	135	02171	001	r.d.r.	r.pr.
Abbotsinch	140	04171	005	id.r.rd.drrr.	pr.prpr.
Leuchars	171	92151	001	r.r.	r.pr.
Dyce	091	93131	000	ir.id.fdd.r.	r.r.d.r.d.r.
Lerwick	005	91121	012	+	ir.
Wick	075	92121	000	id.	id.ir.
Sule Skerry	010	01132			
Cape Wrath	049	01161	025	ir.	ir.ir
Stornoway	026	02161	006	ir.	d.r.
Benbecula	022	05151	000	r.r.d.rr	ir.id.
Tiree	100	07161	003	rRd.r.d.	d.r
Aldergrove	917	02161	006	r.rpr.	pr.
Malin	980	0417	011		
Belmullet	976	9616	040		
Birr	965	9617	018		
Dublin	969	9218	027		
Shannon	962	9618	037		
Roches Point	952	9617	049		
Valentia	953	0216	006		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

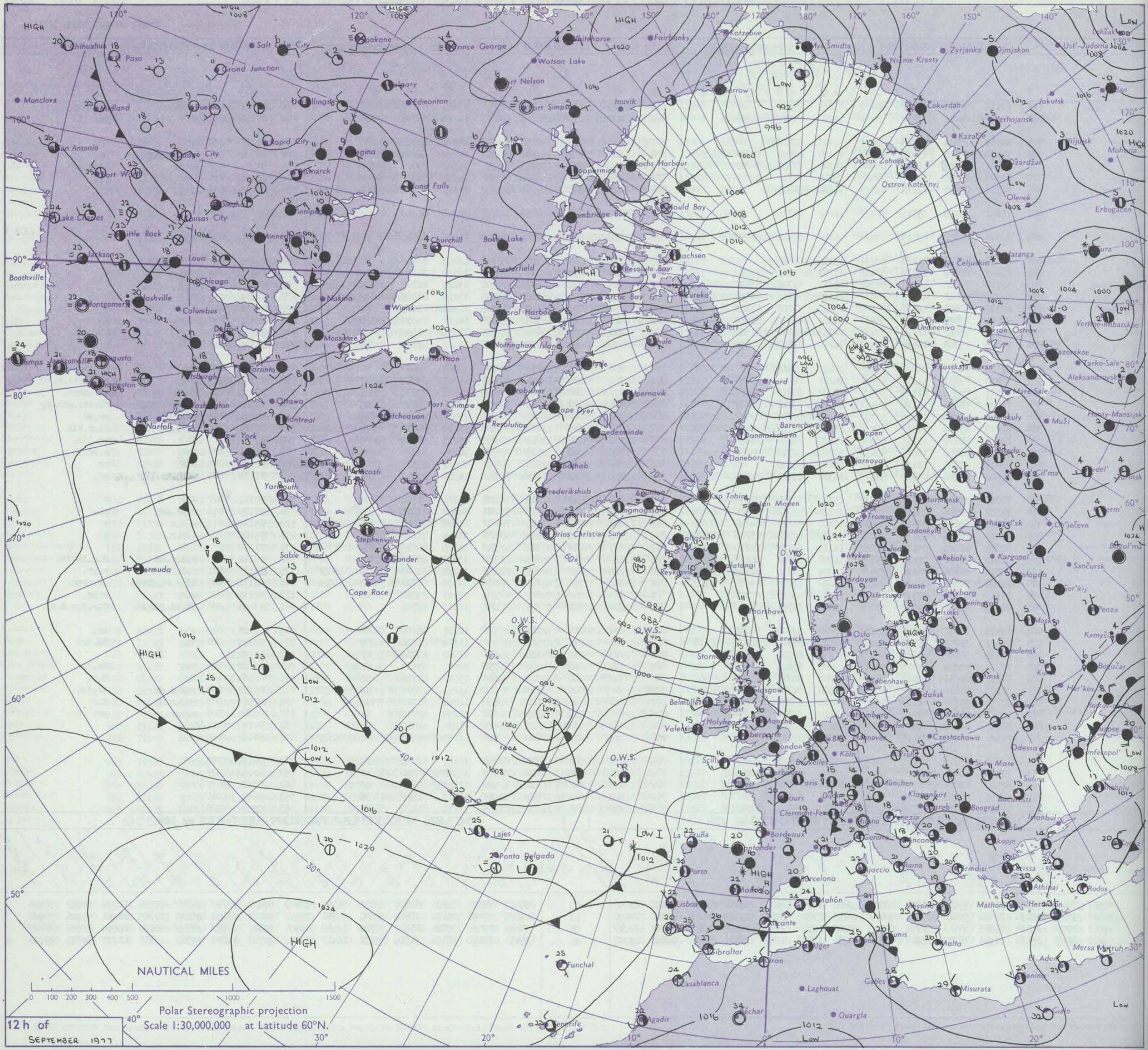
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25121	52909	99011	04708	42502	00603	/////	/////	05702	11225	30302	35006
L	99570	70198	25124	72726	98026	93311	784//	00233	83815	87657	0//09	11256	30806	24806
M	99663	10036	25124	01815	97011	22709	00900	00202	/////	/////	00308	10848	30402	/////
R	99470	70171	25124	71916	98032	12017	785//	00701	81820	87656	0//11	11740	30503	29907

OCEAN WEATHER STATION REPORTS at 18h.

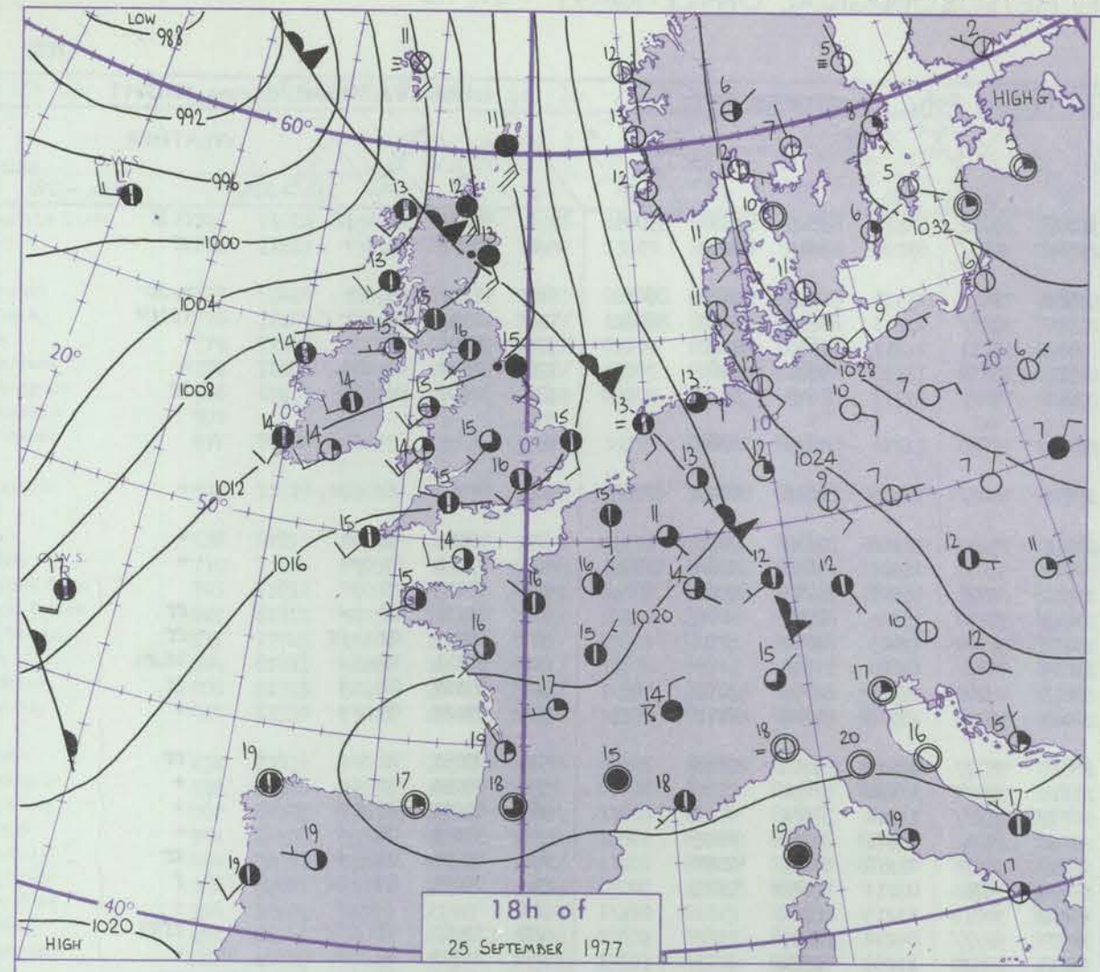
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25181	62609	97258	04708	63400	00400	/////	/////	05704	11194	30302	35906
L	99570	70196	25184	72615	98031	97711	755//	00118	83620	87643	0//05	11221	30906	31904
M	99664	10036	25184	11617	97020	22909	00901	00102	/////	/////	00207	10854	30503	/////
R	99471	70170	25184	71819	98031	10417	5567/	00707	85640	87360	0//16	11777	30503	29906

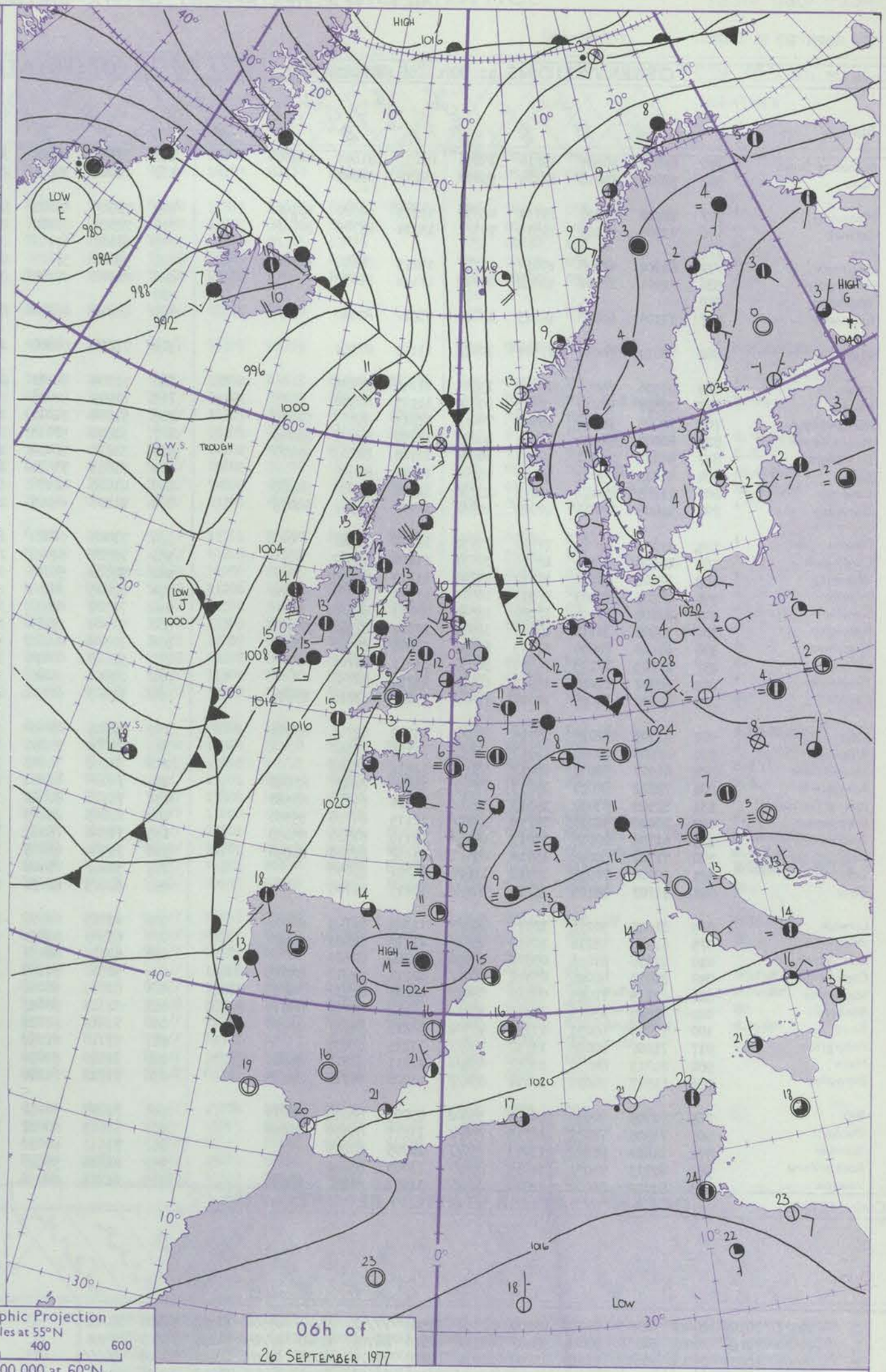
All times of observation printed in this publication are GREENWICH MEAN TIME.

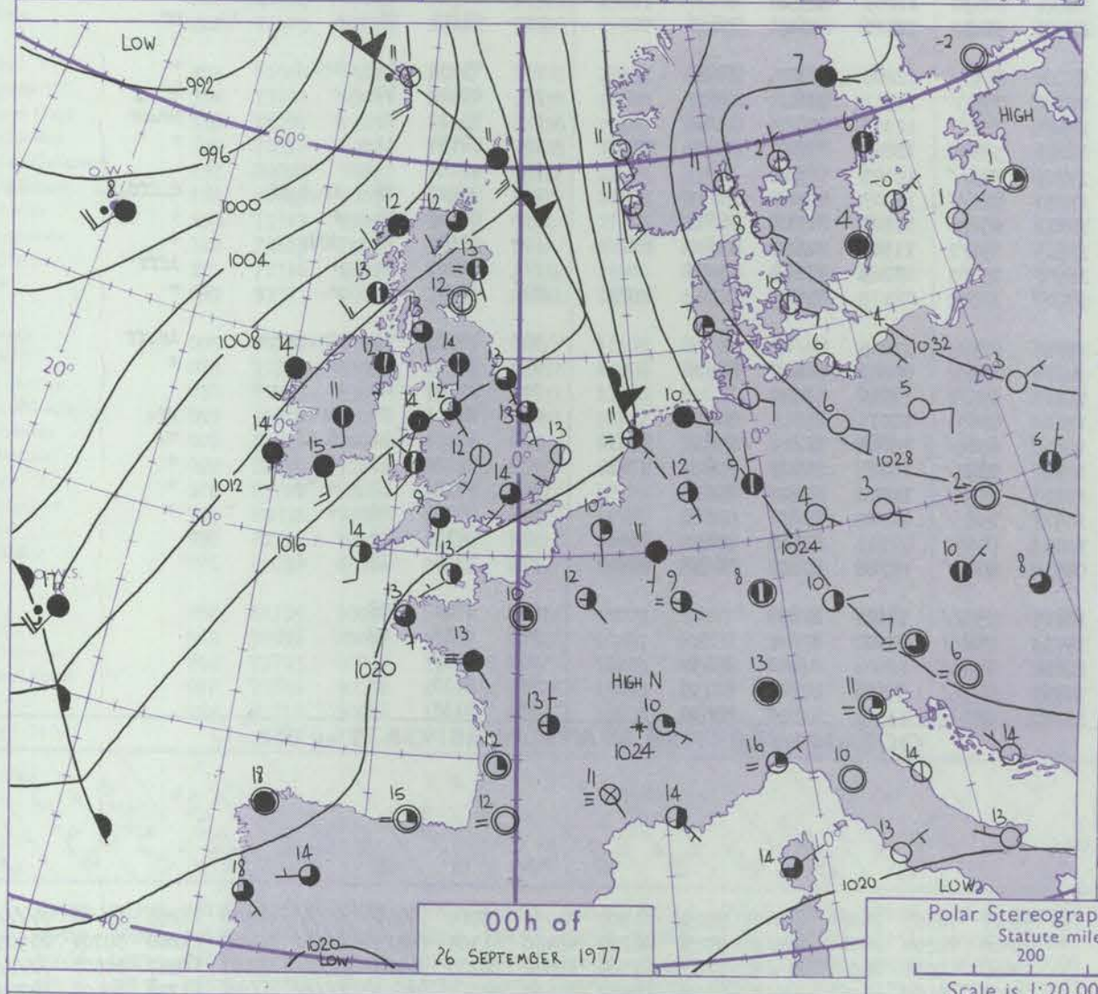
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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 MONDAY 26 SEPTEMBER 1977

During the past 24 hours pressure remained high over the Continent and Scandinavia and low near Iceland. Frontal troughs moved northeastwards over northern parts of Britain whilst a trough of low pressure over the Atlantic moved east towards western Ireland. During the next 24 hours pressure is expected to remain low near Iceland and high over France whilst a trough of low pressure moves east over central and northern districts and becomes slow-moving over southern districts.

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

Code FM 11.V

OBSERVATIONS at 00h. 26 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	61804	80288	19210	15631	09212	81645	84360	
Hurn	862	52602	70018	19313	55600	12112	85645		
Manston	797	72210	75021	19114	45532	13213	84620	86358	
Gatwick	776	72205	57101	19313	753//	13214	83706	87632	
Kew	775								
Heathrow	772	62104	59028	19014	3573/	13213	83650	86362	
Honington	586	11904	28101	18012	00902	11114	81072		
Wattisham	590								
Gorleston	497	12109	66026	18113	10970	13212	81360		
Aberporth	502	72011	70031	17311	7093/	11111	87362		
Filton	628	22506	75011	18512	15501	11110	81625		
Rhoose	715	22507	75011	18513	20930	12113	82360		
Hartland Point	703	72008	76258	18513	784//	11211	81815	87635	
Mount Batten	827	80000	56031	19411	6627/	11110	86705	88461	
St. Mawgan	817	41806	12401	19012	16202	12108	81703	83070	
Scilly	804	41811	75011	18314	45502	14107	84628		
Culdrose	809	41805	60101	19013	25730	12108	82650	84360	
Guernsey	894	42405	75011	20913	10932	12109	81362	84075	
Elmdon	534	12106	65011	17912	10932	11115	81362		
Cardington	559	42508	56101	18511	30931	11216	83362		
Wittering	462	32608	40108	17912	25701	11113	82650		
Watnall	354	52305	40108	17311	10942	11310	81360	85070	
Shawbury	414	32204	78111	17109	28541	09213	81820		
Finningley	360	32402	30111	16711	10932	10312	81362	83075	
Spurn Point	396	61605	70036	16313	6093/	12208	86360		
Leeming	257	41003	12108	16311	36030	11211	83701		
Tynemouth	262	62007	61026	15813	6097/	13212	86358		
Carlisle	222	71802	70028	14614	784//	13113	83818	87640	
Valley	302	81909	62026	15714	853//	13112	82706	88624	
Ringway	334	21508	70011	16912	15731	11111	81650		
Squires Gate	318	61507	80031	16012	5563/	11213	85643		
Ronaldsway	204	72802	80021	14813	785//	12110	81825	87650	
Mull of Galloway	131	82508	83032	14313	5557/	12214	85625	88360	
Eskdalemuir	162	70000	40216	14712	5647/	12115	84710	85360	
Prestwick	135	61702	80018	14013	6853/	11116	81820	85650	
Abbotsinch	140	71302	50048	13412	654/1	11117	81710	86650	
Leuchars	171	10000	70018	13412	15600	11221	81630		
Dyce	091	71707	30106	12713	762//	13215	87705		
Lerwick	005	81523	50216	12411	862//	11302	86703	88708	
Wick	075	61910	58216	10612	2553/	11218	82625	86360	
Sule Skerry	010	22016	81016	09313	25500	12220	82625		
Cape Wrath	049	81810	80026	08312	5841/	12217	83810	85615	88460
Stornoway	026	82115	70025	08212	854//	12221	82711	84618	88628
Benbecula	022	71814	65015	09312	5543/	11222	82712	85635	87360
Tiree	100	72013	65031	11113	45502	12219	84627	87070	
Aldergrove	917	71807	80028	13712	756//	11215	87638		
Malin	980	81813	84031	11812	654/6	11211	81716	86640	87275
Belmullet	976	81917	76022	10614	854//	11206	84718	87638	
Birr	965	71708	80038	14111	35602	09003	83636	86070	
Dublin	969	71905	75032	14713	756//	11211	81630	87645	
Shannon	962	71609	80022	13413	756//	10205	87640		
Roches Point	952	81713	75031	14915	856//	13003	88640		
Valentia	953	81712	80028	12814	885//	11601	81820	88635	

OBSERVATIONS at 06h. 26 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71705	12284	21408	35632	08210	83645	83360	85075
Hurn	862	70000	30401	21407	3562/	07209	83645	87462	
Manston	797	72505	65211	21513	784//	13315	81818	83630	86650
Gatwick	776	72001	01464	21811	3527/	11213	82705	83650	86362
Kew	775	62101	60112	21412	25731	11217	82650	85362	
Heathrow	772	52004	59115	21312	15632	12212	81648	83362	
Honington	586	72002	38104	20911	756//	11217	87645		
Wattisham	590								
Gorleston	497	42510	46050	20711	15670	11216	81630	83360	
Aberporth	502	71710	60108	18612	6843/	12303	81815	86640	87360
Filton	628	71705	70031	20811	7553/	09310	82620	87656	
Rhoose	715	71505	82021	20112	11431	11307	81812	83360	87075
Hartland Point	703	51814	72012	19312	25231	11501	81703	85360	
Mount Batten	827	31808	57011	20413	35130	13304	82702		
St. Mawgan	817	31610	56024	19412	36100	12603	83702		
Scilly	804	71613	71031	18015	754//	14604	87618		
Culdrose	809	41610	40101	19613	48200	13503	81703	83708	
Guernsey	894	71806	68021	22013	58238	13306	84704	87270	
Elmdon	534	71905	06461	20610	750//	10212	83701	87656	
Cardington	559	72505	62021	21211	757/2	11114	87650		
Wittering	462	72002	50101	20711	757//	11214	87650		
Watnall	354	62205	20101	20110	10942	10111	81360	86075	
Shawbury	414	71302	02411	19607	15776	07310	81650	87270	
Finningley	360	51905	25284	19108	35742	08211	83650	83075	
Spurn Point	396	32308	40101	19312	30970	11215	83360		
Leeming	257	91606	01474	18909	9////	09214	89///		
Tynemouth	262	22006	56021	18211	20930	11209	82358		
Carlisle	222	61803	60031	17113	58432	12313	81715	85635	
Valley	302	81815	65026	17714	853//	12208	82707	88628	
Ringway	334	71608	70021	19312	755//	11311	83622	87635	
Squires Gate	318	71506	58102	18612	755//	12313	83620	87640	
Ronaldsway	204	72015	64016	16613	55308	12207	81708	85656	87270
Mull of Galloway	131	72116	81022	15713	756//	12103	87635		
Eskdalemuir	162	81605	25105	17112	861//	12209	86702	88705	
Prestwick	135	71806	75022	16012	6547/	11308	81713	86645	
Abbotsinch	140	71504	65025	15613	655/2	11309	81620	83640	86650
Leuchars	171	33402	05464	16507	15601	07213	81640	83075	
Dyce	091	62003	82031	16109	15632	08113	81630	84362	85070
Lerwick	005	91715	02456	14611	9////	11215	89/00		
Wick	075	61809	81022	14211	15632	09213	81645	86070	
Sule Skerry	010	42014	81031	13412	35570	11216	83620		
Cape Wrath	049	52310	84158	12612	48401	10215	81815	84620	
Stornoway	026	81913	66026	11612	6542/	12207	81711	83618	85630
Benbecula	022	81713	80022	10812	7[illegible]2/	11001	81709	83620	87632
Tiree	100	71819	80012	12013	755//	11500	85622	87635	
Aldergrove	917	71710	81032	14512	756//	10302	83638	87645	
Malin	980	71519	82032	12012	55452	09703	81716	85640	87360
Belmullet	976	71722	74216	08514	6647/	10716	83717	86638	87459
Birr	965	71809	70022	14113	756//	11502	87638		
Dublin	969	71613	80022	15713	756//	09302	87642		
Shannon	962	71512	80022	12814	4563/	12604	84640	85358	
Roches Point	952	81816	56626	14815	873//	14500	87707	88715	
Valentia	953	81715	70258	11715	885//	13501	83820	88635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97071	04	1f	ffjf
Hurn	862	00071	05	+	jf
Manston	797	97111	09	+	r.jp
Gatwick	776	00101	07	f	ff1fF
Kew	775	00101	05	+	+
Heathrow	772	97121	08	d.	+
Honington	586	97090	06	+	1f
Wattisham	590				
Gorleston	497				
Aberporth	502	97101	09	pr.	+
Filton	628	00091	02	+	+
Rhoose	715	00111	04	+	+
Hartland Point	703	97111	10		
Mount Batten	827	00111	08	+	ff
St. Mawgan	817	00111	07	ff	ff
Scilly	804	97141	11	+	1d.r.
Culdrose	809	97111	07	+	ff
Guernsey	894	97121	05	+	+
Elmdon	534	00081	06	+	ff
Cardington	559	00091	03	+	+
Wittering	462	91091	07	+	+
Watnall	354	97101	05	+	+
Shawbury	414	00071	03	+	1f
Finningley	360	00071	03	1f	f
Spurn Point	396			+	+
Leeming	257	91081	07	ff	ffFF
Tynemouth	262	00111	09	+	+
Carlisle	222	97111	07	+	pr.
Valley	302	97131	12	1r.	+
Ringway	334	00111	10	+	+
Squires Gate	318	95111	09	+	pr.pr
Ronaldsway	204	97131	11	r.	+
Mull of Galloway	131	00121			
Eskdalemuir	162	96121	09	1r.d.ff	d.ffd.r.
Prestwick	135	00101	06	+	+
Abbotsinch	140	91101	05	jfd.	+
Leuchars	171	00061	04	+	1fff
Dyce	091	97081	02	r.	+
Lerwick	005	04101	11	1r.rrr.r.	1r.ff
Wick	075	97111	07	1r.	+
Sule Skerry	010	94102	09		
Cape Wrath	049	02111	09	1r.pr.	pr.
Stornoway	026	92121	11	d.1r.	r.
Benbecula	022	92121	11	d.	+
Tiree	100	00121	11	+	+
Aldergrove	917	00111	09	+	+
Malin	980	0012	09		
Belmullet	976	9713	12		
Birr	965	9711	08		
Dublin	969	0013	10		
Shannon	962	0013	11		
Roches Point	952	9413	09		
Valentia	953	9113	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	26001	62410	98028	03809	32552	00808	/////	/////	05504	11225	3//03	35/06
L	99570	70196	26004	82118	96616	98408	6732/	00603	86708	88540	0//05	11233	30603	27904
M	99664	10037	26004	21618	97020	23209	20930	00803	/////	/////	00107	10841	30503	/////
R	99470	70170	26004	81920	96616	08817	5557/	00708	85620	88459	0//17	11749	30604	29904

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	26061	62415	98258	01909	53450	00715	/////	/////	05505	11203	3//07	/////
L	99568	70204	26064	42818	98258	98209	48460	61308	84815	/////	0//05	11260	30704	23905
M	99666	10038	26064	21418	97020	22309	10942	00705	/////	/////	00307	10847	30503	/////
R	99471	70169	26064	52615	97036	10817	55600	00317	85640	/////	0//15	11756	30603	18704

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. 42313

Date of Issue TUESDAY 27 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 26 SEPTEMBER 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	71912	75022	22416	12506	11002	81825	87275	
Hurn	862	71811	75012	23118	38538	13109	82825	83640	87270
Manston	797	52410	82031	23519	28641	09209	82835	83361	
Gatwick	776	72109	75024	23918	785//	11307	82822	87650	
Kew	775	72206	80022	23118	785//	09104	83825	86650	
Heathrow	772	72106	80031	23417	785//	11005	83820	87650	
Honington	586	22110	81011	22719	21602	08107	82832		
Wattisham	590								
Gorleston	497	70000	60021	23515	5567/	14213	85630	87360	
Aberporth	502	71719	62022	19315	5547/	13502	83710	85645	87360
Filton	628	82011	80032	21417	3857/	11803	81825	83640	88465
Rhoose	715	71611	75032	21117	48438	12805	81815	83640	87278
Hartland Point	703	72012	76022	19917	48501	14808	82820	84645	87075
Mount Batten	827	81912	57054	21615	863//	14802	82706	87708	
St. Mawgan	817	71715	50101	20015	760//	15801	84701	87702	
Scilly	804	81817	58286	18715	874//	15604	88712		
Culdrose	809	81713	50205	20015	861//	14803	82702	84704	88706
Guernsey	894	71710	75021	23715	45332	13309	81708	84645	86075
Elmdon	534	71909	75024	21517	48636	09801	84830	83362	87275
Cardington	559	72306	70032	23018	32578	09007	83825	83360	85278
Wittering	462	62408	75012	22417	58531	11008	81820	85656	
Watnall	354	72106	59011	21317	38531	12002	83820	83365	87075
Shawbury	414	72011	77024	20616	3857/	11400	82820	83361	87363
Finningley	360	52009	80031	20518	22532	09000	82820	85080	
Spurn Point	396	32404	64011	21517	11572	11210	81825	83075	
Leeming	257	61706	58044	20017	58502	10602	85823	85075	
Tynemouth	262	41906	69021	19517	13531	13101	81925	84359	
Carlisle	222	72405	82028	18617	58536	09202	82827	84640	87272
Valley	302	71920	75022	18717	25448	13303	82616	87275	
Ringway	334	71911	68021	20617	18638	10500	81830	87275	
Squires Gate	318	71909	75038	19618	28536	13102	81820	87275	
Ronaldsway	204	71816	62022	17915	38338	13104	81708	83650	86270
Mull of Galloway	131	82028	78032	16114	5557/	12501	85625	88360	
Eskdalemuir	162	71615	70026	18014	32532	10002	83823	87072	
Prestwick	135	71913	81022	16615	6857/	10203	81825	86650	87360
Abbotsinch	140	71813	75028	16016	7857/	09002	81822	87650	
Leuchars	171	71716	68014	17017	28532	13500	82820	84365	87075
Dyce	091	51511	40052	16615	26241	12503	82705	85359	
Lerwick	005	91718	01454	16611	9////	11105	89/00		
Wick	075	71715	81022	14314	28532	11606	81820	84362	85072
Sule Skerry	010	71418	81032	12414	15531	11712	81625	85360	87075
Cape Wrath	049	51814	83018	11016	45531	10712	84625		
Stornoway	026	71824	80026	09614	754//	11714	81616	83628	86645
Benbecula	022	81624	72602	08414	6547/	10713	83618	86640	88460
Tiree	100	81725	62602	10613	1647/	12708	81718	84550	88360
Aldergrove	917	81816	70036	14116	6542/	12501	81712	86618	88458
Malin	980	81725	70216	10614	2647/	13509	82713	88458	
Belmullet	976	82018	65216	09416	863//	15215	82707	85718	88635
Birr	965	81715	80032	13917	6647/	13003	84717	84632	88461
Dublin	969	71916	80022	15618	68542	10201	83820	84640	85070
Shannon	962	71713	80028	13018	755//	13203	83624	87650	
Roches Point	952	71614	56106	15516	7547/	15003	83710	86632	85359
Valentia	953	81715	30616	12416	863//	15106	88708		

OBSERVATIONS at 18h. 26 SEPTEMBER 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	71709	82022	22915	757//	12303	87650		
Hurn	862	71607	65022	23116	754//	14203	82712	85645	86656
Manston	797	72005	82022	24515	656/8	11311	82635	85645	87272
Gatwick	776	71805	75022	24314	11548	12207	81826	86275	
Kew	775	31804	78011	23815	10941	11309	81365	83075	
Heathrow	772	41706	70011	23916	15738	12207	81656	83275	
Honington	586	61903	75011	23416	35631	09107	82640	85075	
Wattisham	590								
Gorleston	497	41909	64011	24215	40950	12210	84360		
Aberporth	502	81813	40586	19715	872//	15309	88703		
Filton	628	71908	72012	22116	6547/	12302	81618	86630	87360
Rhoose	715	81409	66506	21416	7547/	14302	87618	88462	
Hartland Point	703	82016	66022	20315	5432/	14103	82708	85640	88460
Mount Batten	827	81410	56605	21515	5522/	15103	82705	84612	88464
St. Mawgan	817	81714	30505	20315	871//	14102	83702	88704	
Scilly	804	91714	02515	18415	9////	15602	89/00		
Culdrose	809	81613	30515	19815	872//	14802	84703	88706	
Guernsey	894	71409	77022	23216	7577/	13304	87650		
Elmdon	534	71705	62032	22215	55752	11301	85650	85365	86075
Cardington	559	72007	62022	23516	757//	11208	87650		
Wittering	462	71804	62032	23014	25632	11206	82645	86075	
Watnall	354	61704	60042	22214	58531	11206	81825	84656	
Shawbury	414	81808	70032	20916	854//	12305	81615	86623	88645
Finningley	360	71602	68022	21414	35778	11303	83650	87275	
Spurn Point	396	71706	56021	22115	35671	12207	83630	86360	87075
Leeming	257	71506	70022	20715	45732	10207	84656	87075	
Tynemouth	262	71809	61021	20416	3567/	11305	83630	87359	
Carlisle	222	71905	81022	18516	55672	10000	82630	85645	86360
Valley	302	81818	62605	18515	854//	14304	88614		
Ringway	334	71710	70022	20816	65732	11304	86650	85360	86072
Squires Gate	318	81909	70602	19717	854//	13303	82715	88630	
Ronaldsway	204	81812	57016	17714	862//	13701	82704	84706	88708
Mull of Galloway	131	82127	57616	15914	3642/	13808	83710	88520	
Eskdalemuir	162	71710	70212	18213	685/2	11000	81822	86650	
Prestwick	135	81911	50636	16314	853//	13801	81708	84615	85625
Abbotsinch	140	71912	57586	15514	7542/	13701	81710	83712	85650
Leuchars	171	71609	61606	17314	5567/	11306	82630	85650	87359
Dyce	091	81710	82212	16714	2568/	10107	82630	85358	88465
Lerwick	005	91624	01434	15211	9////	11506	89/00		
Wick	075	71718	80212	12514	4567/	09801	84645	84359	86464
Sule Skerry	010	81616	74022	11013	855//	11500	88625		
Cape Wrath	049	82709	66616	10714	874//	13310	88715		
Stornoway	026	82810	66216	11711	6537/	10332	81707	83614	85626
Benbecula	022	72412	75026	12711	35478	10342	81616	83630	85465
Tiree	100	82914	65026	13712	853//	11229	83709	86618	88635
Aldergrove	917	71710	65156	14715	754//	14303	82713	87622	
Malin	980	82910	62605	15312	854//	12237	83714	88636	
Belmullet	976	53007	80016	15512	554/2	09128	82718	84635	
Birr	965	71607	81016	14716	754//	15104	83715	87635	
Dublin	969	81707	59606	15917	6647/	15205	84712	85640	88458
Shannon	962	82503	61215	15115	862//	15216	82703	85708	86718
Roches Point	952	81710	03584	15715	862//	15003	88704		
Valentia	953	63411	60108	15914	62400	12322	81710	86817	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00171	010	+	+
Hurn	862	00180	034	+	+
Manston	797	00190	055	+	+
Gatwick	776	00181	044	+	+
Kew	775	00180	037	+	+
Heathrow	772	00191	031	+	+
Honington	586	00190	035	+	+
Wattisham	590				
Gorleston	497		030		
Aberporth	502	96161	004	ir.	r.r.d.r.id.
Filton	628	00181	024	+	+
Rhoose	715	92181	012	r.d.r.-r.	d.-r.
Mount Batten	703	92151	027		
St. Mawgan	827	95161	001	fd.	d.-d.r.-r.
Scilly	817	93161	000	d.	d.d.
Culdrose	804	01161	000	ddf	id.d.d.ff
Guernsey	809	01162	000	id.d.d.	id.d.d.dd
	894	00171	066	+	+
Elmdon	534	00181	038	+	+
Cardington	559	00181	035	+	+
Wittering	462	00181	023	+	+
Watnall	354	00181	019	+	+
Shawbury	414	97171	030	+	r.
Finningley	360	00190	044	+	+
Spurn Point	396			+	+
Leeming	257	91181	023	+	r.
Tynemouth	262	00181	030	+	+
Carlisle	222	97171	012	+	d.
Valley	302	01171	018	d.	d.rr.Rid.r.
Ringway	334	00171	038	+	+
Squires Gate	318	91191	044	+	r.r
Ronaldsway	204	97161	022	+	r.d.
Mull of Galloway	131	05141			
Eskdalemuir	162	01151	014	d.r.	r.dd
Prestwick	135	06161	002	ir.	ir.d.r.rr.
Abbotsinch	140	02161	003	rrr.r.	r.r.d.r.
Leuchars	171	01171	013	+	[redacted]ir.r.r.ir.
Dyce	091	97160	021	+	ir.
Lerwick	005	95111	000	FF	FFir.r.r.
Wick	075	97141	025	+	ir.
Sule Skerry	010	95152			
Cape Wrath	049	04172	013	+	ir.r.r.ir
Stornoway	026	02141	002	r.r.	r.r.drr
Benbecula	022	02151	001	r.r.ir.dr	dr
Tiree	100	04141	002	ir.drRd.r.	d.r.dr
Aldergrove	917	01161	001	r.rr.	r.d.
Malin	980	0716	001		
Belmullet	976	0517	009		
Birr	965	9718	003		
Dublin	969	9718	009		
Shannon	962	0219	002		
Roches Point	952	0216	001		
Valentia	953	0517	004		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

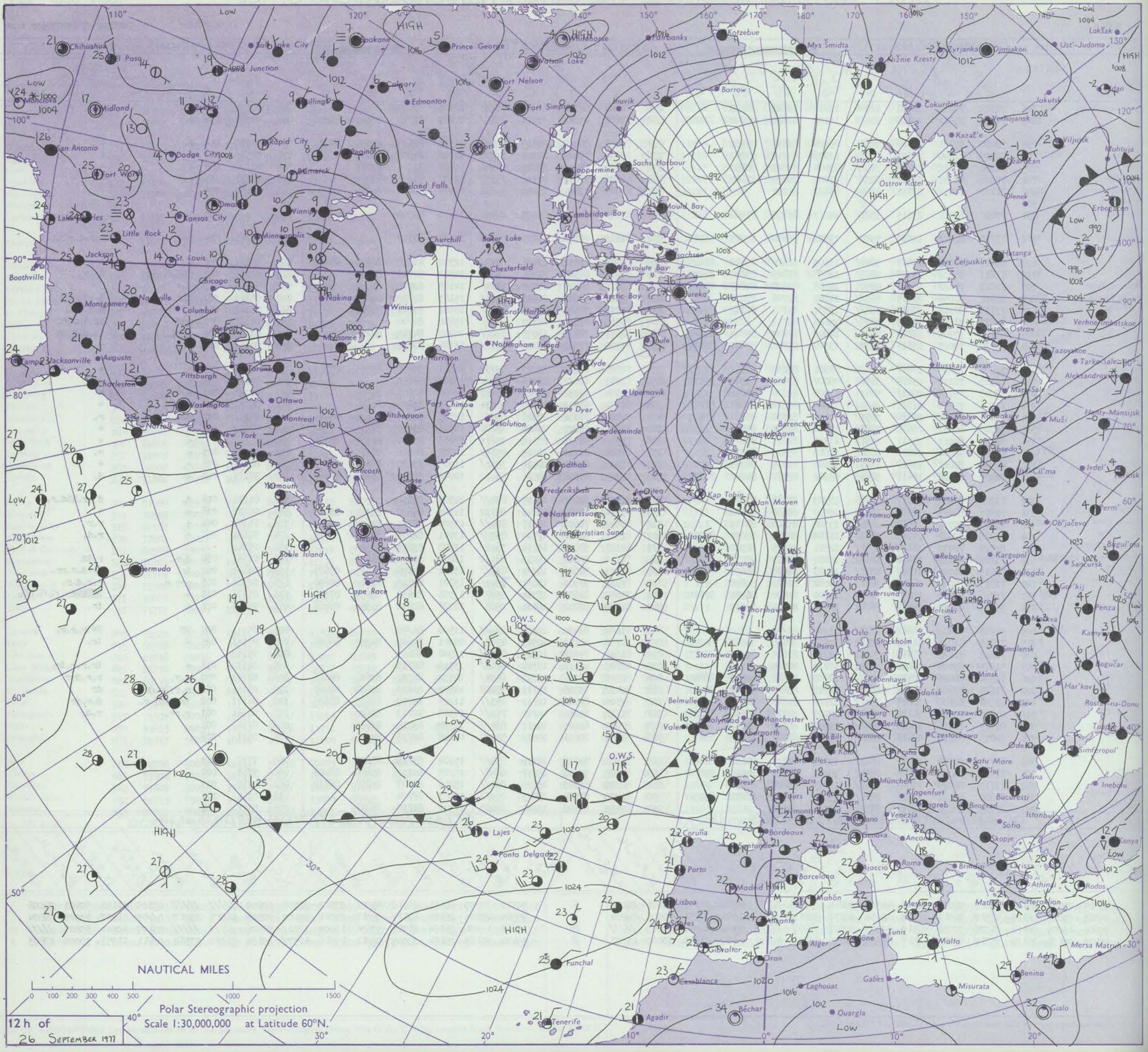
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26121	42613	98028	04710	44500	00214	/////	/////	05304	11192	30606	28008
L	99568	70205	26124	42517	98010	05210	22430	00237	82815	/////	0//01	11251	30904	28804
M	99666	10039	26124	81728	97022	20310	8077/	00607	/////	/////	00406	10842	30605	/////
R	99470	70171	26124	73314	98012	17017	48530	00230	82820	84640	0//12	11730	30000	27503

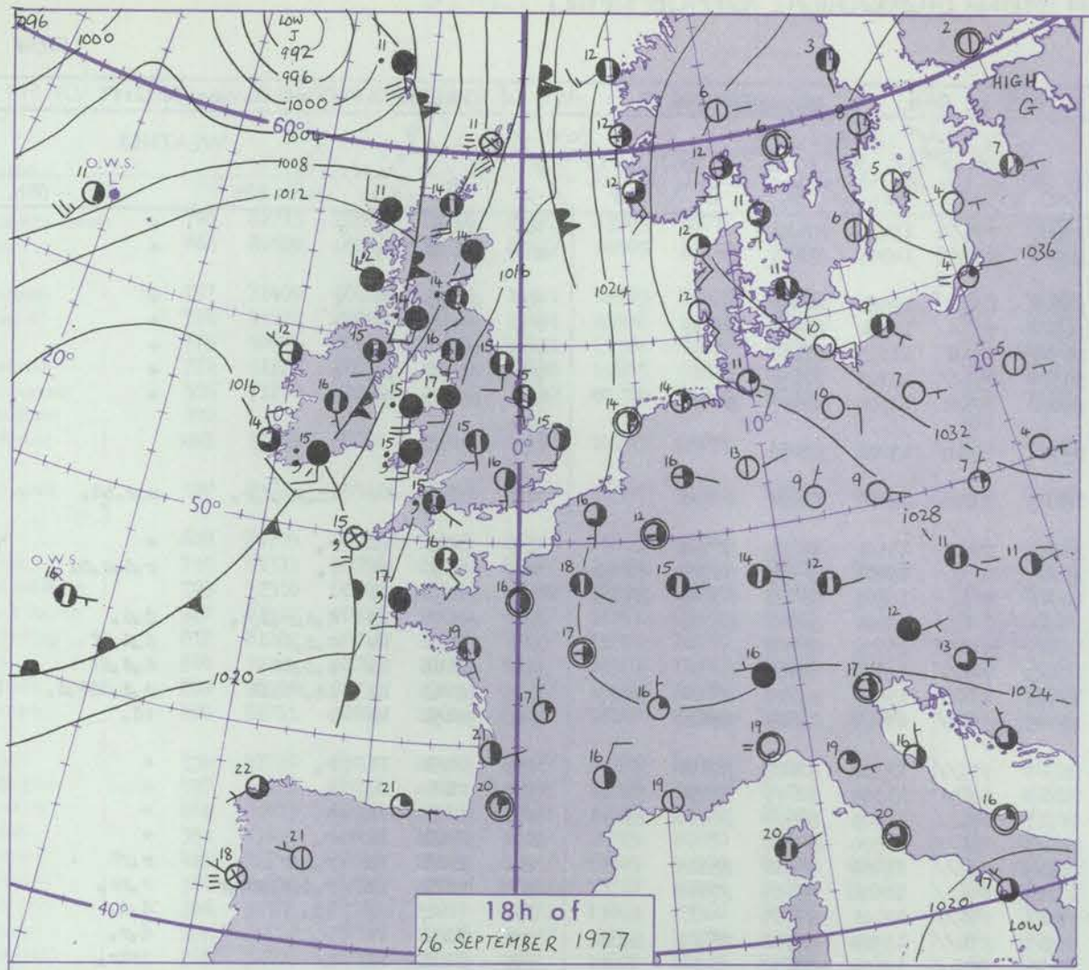
OCEAN WEATHER STATION REPORTS at 18h.

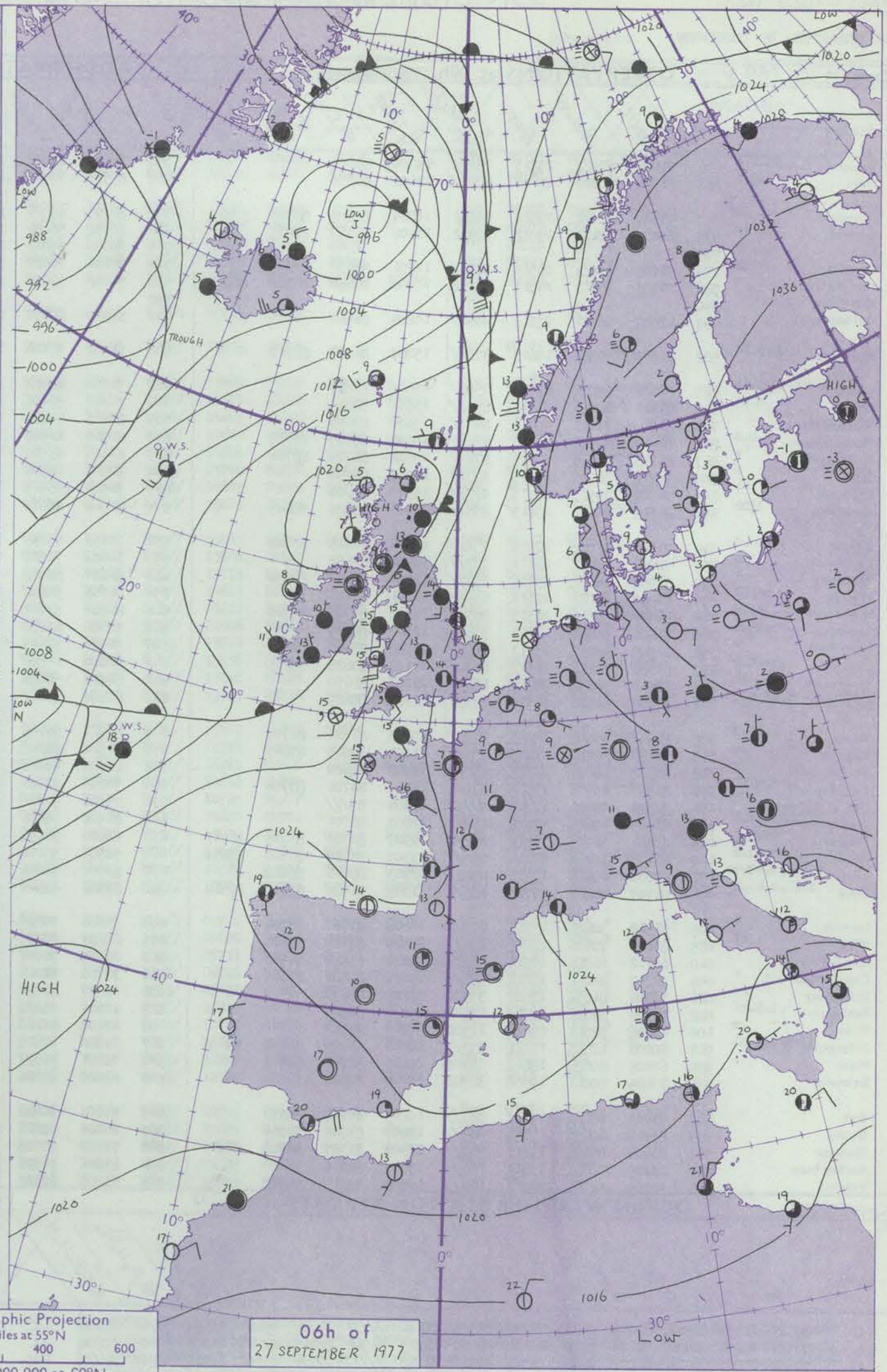
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26181	22610	98021	07010	22500	00209	/////	/////	05305	11182	30403	28008
L	99569	70204	26184	42127	98011	07011	49400	00306	81913	83817	0//05	11257	30905	27804
M	99662	10031	26184	81728	97636	19009	3732/	51506	/////	/////	00107	10841	30807	/////
R	99470	70169	26184	70905	98012	19016	1257/	00104	81820	87360	0//11	11753	30000	27603

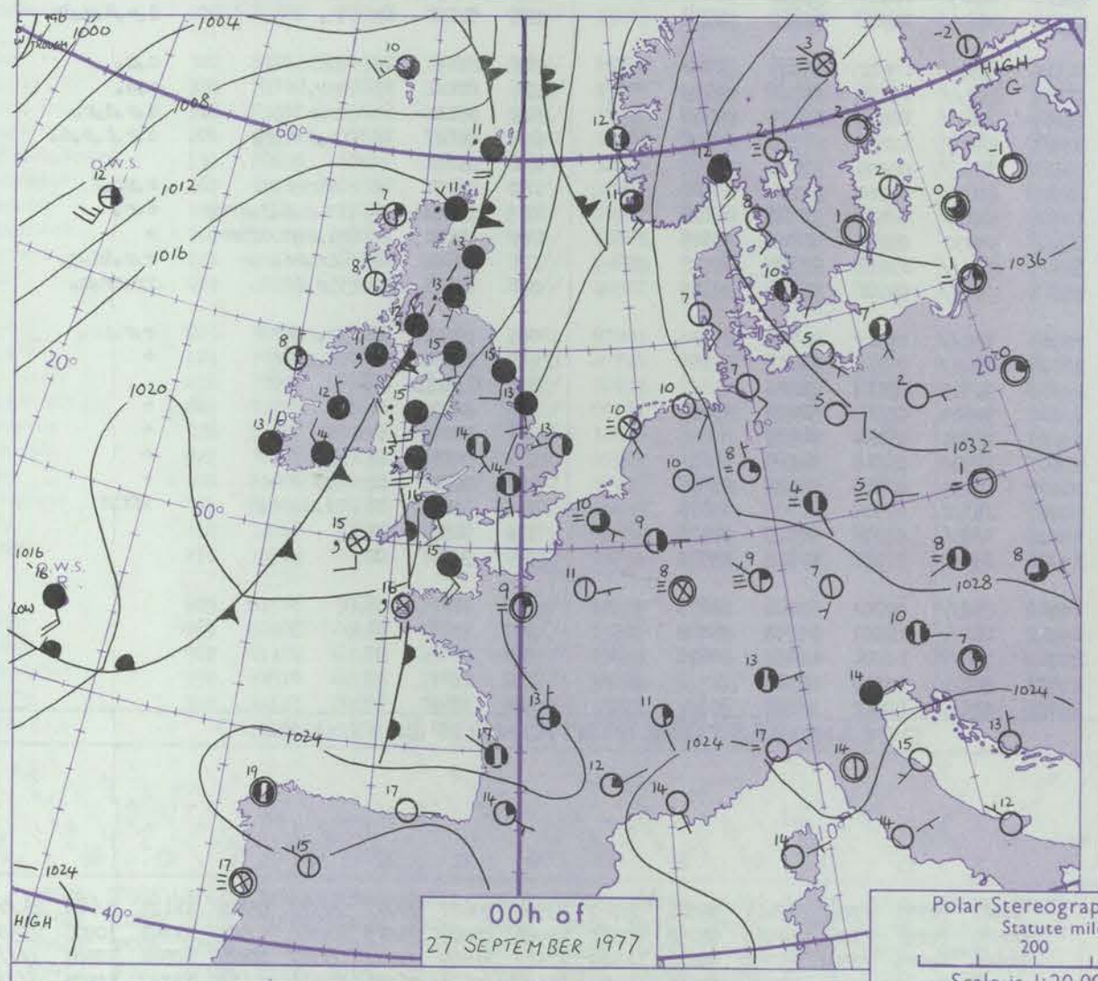
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 27 SEPTEMBER 1977

A deep depression southwest of Iceland moved little during the past 24 hours while a further depression southeast of Iceland moved north and deepened. Associated troughs crossing the British Isles were weak in the south. Pressure remained high east of Scandinavia with a ridge to Spain. During the next 24 hours the low southwest of Iceland will persist and the low east of Iceland will move away north while a developing low north of the Azores will move northeast to near Rockall with its frontal troughs crossing northern and western parts of the British Isles. The European high will persist.

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

Code FM 11.V

OBSERVATIONS at 00h. 27 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71407	62022	23313	756//	13804	83634	87650	
Hurn	862	61504	70022	23116	6093/	14602	86358		
Manston	797	71606	72021	24911	60958	11804	82360	85365	87270
Gatwick	776	60000	62112	25012	30932	11802	83360	84075	
Kew	775								
Heathrow	772	71705	65021	24514	5573/	12501	85650	87359	
Honington	586	71803	56012	24511	45732	10500	84650	83362	86075
Wattisham	590								
Gorleston	497	42507	66011	25313	40910	10204	84460		
Aberporth	502	81819	56586	19615	873//	15007	86707	88710	
Filton	628	71606	65026	22515	756//	13602	87630		
Rhoose	715	81411	68016	21915	855//	13501	88620		
Hartland Point	703	81815	70022	20416	846//	15301	88640		
Mount Batten	827	81612	40506	21516	872//	15502	85705	88709	
St. Mawgan	817	81713	20515	20315	870//	15601	86700	88701	
Scilly	804	91712	01505	19315	9////	15205	89/00		
Culdrose	809	91709	03525	20315	9////	15500	89/00		
Guernsey	894	81519	64022	23015	855//	14803	85620	88645	
Elmdon	534	71507	68022	22414	754//	12704	81615	87622	
Cardington	559	72006	75022	24414	757//	12301	87650		
Wittering	462	71908	64032	23714	756//	11801	83635	87650	
Watnall	354	81907	62022	22614	854//	11801	88618		
Shawbury	414	81906	56216	21515	863//	14302	83708	88710	
Finningley	360	81606	50586	22213	856//	12302	88635		
Spurn Point	396	81708	40032	23113	8097/	11500	88460		
Leeming	257	81306	50216	21113	855//	12102	83625	88635	
Tynemouth	262	82013	56258	20814	856//	12202	88630		
Carlisle	222	81709	62026	18915	855//	12201	88625		
Valley	302	81817	35596	19015	870//	15503	83701	88702	
Ringway	334	71712	62216	21415	754//	13204	82615	87645	
Squires Gate	318	81712	65036	20315	855//	14208	88620		
Ronaldsway	204	81913	45506	17914	870//	14804	84701	88702	
Mull of Galloway	131	92324	02626	17314	9////	13204	89///		
Eskdalemuir	162	81405	15616	18612	870//	12803	88701		
Prestwick	135	83411	56516	17612	862//	12307	82703	83705	88713
Abbotsinch	140	82907	60216	17214	853//	13307	83707	86710	88630
Leuchars	171	82006	65616	17213	6542/	12703	86616	88460	
Dyce	091	81707	70216	17713	853//	11208	81708	85710	88614
Lerwick	005	81818	30626	15811	870//	11206	87701	88704	
Wick	075	83005	70636	17111	854//	10229	82715	88624	
Sule Skerry	010	62712	66016	16911	3857/	09229	83820	86360	
Cape Wrath	049	72312	81012	16611	785//	09225	81820	87625	
Stornoway	026	32606	81031	17807	35600	07228	83630		
Benbecula	022	12506	84021	18510	12500	09224	81820		
Tiree	100	13306	82011	18408	12500	07215	81822		
Aldergrove	917	80206	62515	18511	853//	10116	81706	84620	88650
Malin	980	63408	80026	18612	28408	09110	81716	86275	
Belmullet	976	33604	80011	19308	38502	07115	81820		
Birr	965	83403	68026	19112	863//	10115	87709	86630	
Dublin	969	82911	60606	17615	862//	15207	85703	88706	
Shannon	962	83606	65505	19012	873//	11307	82707	85710	86715
Roches Point	952	83209	70026	17914	864//	13006	88716		
Valentia	953	80203	82021	18913	884//	10308	82818	88640	

OBSERVATIONS at 06h. 27 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	71408	64022	23014	755//	13400	87628		
Hurn	862	81508	70012	22816	857//	14203	88650		
Manston	797	21705	69024	25211	10932	10501	81362		
Gatwick	776	70302	56101	24810	756/1	10301	81645	87656	
Kew	775	70000	65022	24312	757/1	11303	87650		
Heathrow	772	71104	70022	24314	757//	12303	87656		
Honington	586	71102	58022	25012	755/2	10305	83625	86650	
Wattisham	590								
Gorleston	497	31804	66030	25714	30910	13204	83460		
Aberporth	502	51722	58106	18615	55200	14707	82704	83630	
Filton	628	71204	62022	22015	35538	13501	83628	87360	
Rhoose	715	71407	56016	21215	753//	15501	81708	86710	87620
Hartland Point	703	81812	74022	19716	883//	15803	83709	83818	88625
Mount Batten	827	81710	11516	20715	870//	15601	86701	88702	
St. Mawgan	817	81609	05515	19915	870//	15704	88700		
Scilly	804	91809	01505	19115	9////	15602	89/00		
Culdrose	809	91908	06515	19815	9////	15502	89/00		
Guernsey	894	81512	70022	22715	855//	13603	85620	88640	
Elmdon	534	71406	70036	22813	755//	12302	82628	87650	
Cardington	559	71602	70022	24213	55638	11304	82645	85656	86278
Wittering	462	81607	62022	24013	6562/	11203	82635	86650	88460
Watnall	354	71706	59042	22613	756//	12500	87640		
Shawbury	414	81202	57042	21215	855//	13400	87620	88625	
Finningley	360	71608	60026	22114	5567/	12500	85635	87360	
Spurn Point	396	71507	56205	23413	756//	12101	87635		
Leeming	257	81409	15506	20913	851//	13504	83702	86712	88622
Tynemouth	262	81910	56026	20014	7561/	14604	87630		
Carlisle	222	81804	70212	18815	854//	14301	81712	88624	
Valley	302	81711	57106	18915	872//	15802	85705	88707	
Ringway	334	81710	62206	21115	855//	13501	85622	88630	
Squires Gate	318	81510	40216	20015	854//	14400	81617	88620	
Ronaldsway	204	70203	82026	18913	754//	12204	81710	87615	
Mull of Galloway	131	73306	84016	19511	755//	09209	87625		
Eskdalemuir	162	81909	15636	18813	870//	13304	88701		
Prestwick	135	60000	80036	19509	45431	09305	81712	84626	
Abbotsinch	140	52503	58116	19108	35432	08209	81711	83645	
Leuchars	171	80000	56616	18313	853//	12206	83706	85712	88645
Dyce	091	83306	62616	20010	854//	09211	82710	88615	
Lerwick	005	72606	70036	18909	784//	09317	81712	87640	
Wick	075	62807	80026	20106	4563/	06213	84640	86360	
Sule Skerry	010	22905	74031	20310	28500	08115	81820		
Cape Wrath	049	32710	82011	20010	38500	08216	82820	83625	
Stornoway	026	12607	81021	20605	18501	05314	81825		
Benbecula	022	10802	85020	20603	12500	03210	81825		
Tiree	100	43405	84110	20207	12535	06207	81828	83275	
Aldergrove	917	60000	07415	19907	25302	07304	81708	85075	
Malin	980	70101	83038	19909	18436	07306	81818	87270	
Belmullet	976	60000	78021	19308	25402	07702	81718	85070	
Birr	965	83603	70022	19310	854//	09702	83716	88635	
Dublin	969	80406	45616	18912	861//	12002	85701	88702	
Shannon	962	70103	70025	18810	755//	10001	82622	87640	
Roches Point	952	83306	30586	17913	861//	13500	88702		
Valentia	953	83203	82022	16911	856//	10812	88640		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_h$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00121	09	+	+
Hurn	862	00150	14	+	+
Manston	797	97100	05	f	+
Gatwick	776	00101	07	+	+
Kew	775	00110	07	+	+
Heathrow	772	00131	10	+	+
Honington	586	00100	07	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	92141	14	id.ir.d.r.	d.r.id.
Filton	628	97141	11	r.	+
Rhoose	715	92151	14	r.	r.d.r.d.
Hartland Point	703	00150	14		
Mount Batten	827	02151	15	d.d.r.d.r.	d.d.
St. Mawgan	817	94141	14	d.d.ff	d.d.ff
Scilly	804	96142	14	d.d.ff	d.d.ff
Culdrose	809	02142	14	id.Fiddd	d.d.ddd.d.
Guernsey	894	97151	14	+	id.
Elmdon	534	97131	11	r.	+
Cardington	559	00121	09	+	+
Wittering	462	00131	12	+	+
Watnall	354	91131	11	r.	+
Shawbury	414	96141	13	r.r.r	r.rR
Finningley	360	01131	12	r.d.r.drr.r	r.rr.
Spurn Point	396			id.	d.d.
Leeming	257	01131	11	r.	d.r.
Tynemouth	262	01141	12	ir	irir.
Carlisle	222	01151	13	r.	d.r.d.r.dr
Valley	302	03151	15	DR	d.d.
Ringway	334	01141	13	rd.	r.d.
Squires Gate	318	93141	14	r.r	d.r.d.r.
Ronaldsway	204	04121	11	d.drd.r.	d.r.d.r.d.
Mull of Galloway	131	03101			
Eskdalemuir	162	15121	12	ddrrr.r.	r.rd.f
Prestwick	135	04091	05	d.r.d.d.drrr	d.r.
Abbotsinch	140	01081	02	d.r.d.r.drr.	+
Leuchars	171	02111	11	ir.rr.r.r	r.r.id.r.
Dyce	091	05101	09	ir.ir	ir.rr.r.
Lerwick	005	08081	07	r.r.rr	r.r.ir.
Wick	075	02051	03	d.r.rr	+
Sule Skerry	010	95082	03		
Cape Wrath	049	00090	06	+	+
Stornoway	026	00041	51	+	+
Benbecula	022	00031	53	+	+
Tiree	100	00071	02	jp	+
Aldergrove	917	94061	03	d.d.-d.	iffif
Malin	980	9108	04		
Belmullet	976	9706	02		
Birr	965	0210	08		
Dublin	969	0412	11		
Shannon	962	9110	07		
Roches Point	952	0212	12		
Valentia	953	9710	10		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27001	62708	98028	08709	68500	00101	/////	/////	05404	11199	3//02	28/08
L	99570	70201	27004	52126	98031	10112	43460	41215	81912	83815	0//07	11250	30905	27804
M	99660	10027	27004	81827	96626	16909	3732/	51716	/////	/////	00308	10848	30807	/////
R	99470	70168	27004	81420	97156	16616	6557/	00730	86620	88459	0//14	11745	30502	27703

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27061	52411	98011	08710	58500	00607	/////	/////	05306	11174	3//03	28/07
L	99569	70201	27064	62017	98258	10811	43462	00002	83913	85360	0//09	11244	30906	23804
M	99658	10025	27064	81730	96626	14309	4732/	41609	/////	/////	00208	10844	30807	/////
R	99472	70169	27064	82026	97616	11418	853//	00612	86708	88616	0//18	11757	30503	/////

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. 42314

Date of Issue WEDNESDAY 28 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 27 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81713	72502	23016	864//	13805	88710		
Hurn	862	81609	65202	23217	854//	14803	82712	88622	
Manston	797	71409	59021	25218	11501	14703	81820	87075	
Gatwick	776	71812	70022	24520	18531	11506	81828	87080	
Kew	775	62006	80022	24120	48631	11504	81830	84656	
Heathrow	772	51711	70012	24220	18538	13603	81828	83360	
Honington	586	71710	81022	24620	18632	09704	81830	87075	
Wattisham	590								
Gorleston	497	51509	58051	25916	00901	14400	85075		
Aberporth	502	81816	35512	19416	871//	16500	81702	86704	88712
Filton	628	81709	60025	21917	863//	15803	88707		
Rhoose	715	81311	48056	21216	852//	15804	84703	87705	88612
Hartland Point	703	72316	86022	20118	66332	16704	86706	87360	
Mount Batten	827	81915	20515	21716	870//	16001	86701	88702	
St. Mawgan	817	81612	20515	20515	870//	15802	82700	88701	
Scilly	804	72214	62285	20116	4617/	16304	84702	84620	87360
Culdrose	809	91710	06435	20815	9////	15102	89/03		
Guernsey	894	81711	30205	23616	851//	15102	82702	86703	87612
Elmdon	534	81710	63022	22418	884//	14706	81818	88625	
Cardington	559	61910	64022	23821	30938	13806	83360	86278	
Wittering	462	61913	64012	23221	10931	12808	81364	86075	
Watnall	354	71911	62032	22220	5863/	14705	81830	85640	
Shawbury	414	81810	57046	21117	853//	15605	81706	83708	86709
Finningley	360	71810	65022	21719	4857/	13810	81825	84650	87362
Spurn Point	396	51508	62012	23219	30971	13803	83360	85075	
Leeming	257	81512	38046	20916	853//	14712	83707	88614	
Tynemouth	262	72008	36056	20417	4557/	14807	84625	87358	
Carlisle	222	73302	70016	19217	754//	15803	82714	83618	87630
Valley	302	81912	50505	19216	872//	15702	82703	88709	
Ringway	334	81712	50606	21116	853//	15705	83708	86710	88620
Squires Gate	318	81510	15626	20016	852//	15710	86703	86612	88620
Ronaldsway	204	81507	09516	19015	870//	14603	85700	88701	
Mull of Galloway	131	80805	60515	19112	864//	12806	88710		
Eskdalemuir	162	81703	08506	19514	870//	13601	88701		
Prestwick	135	80902	77032	19113	1567/	10807	81630	87358	88463
Abbotsinch	140	80905	58042	19414	4542/	10803	81712	84645	88465
Leuchars	171	80713	68026	20612	853//	09203	82708	86710	88617
Dyce	091	80205	75026	20712	883//	10502	81708	85810	88630
Lerwick	005	30504	75021	20311	28401	07001	82815		
Wick	075	70506	84021	20812	18538	07704	81820	87272	
Sule Skerry	010	70000	66031	21613	5857/	09102	81820	85625	87360
Cape Wrath	049	72307	81031	20811	5851/	09801	83820	87460	
Stornoway	026	71307	82031	20412	18556	10806	81825	86360	87270
Benbecula	022	70907	85031	19912	11536	08709	81820	84365	87275
Tiree	100	81006	89031	19312	18577	07610	81820	83360	87465
Aldergrove	917	80706	70026	18212	855//	10813	88624		
Malin	980	70918	82012	17512	4547/	09822	81714	83650	87462
Belmullet	976	70909	82022	15412	45438	10734	81718	83640	87272
Birr	965	81106	58615	15513	7642/	12829	87711	88458	
Dublin	969	80508	04514	17713	861//	13707	86701	88702	
Shannon	962	81109	62215	15914	863//	13623	85706	88710	
Roches Point	952	81810	62286	17015	4647/	14804	83714	88459	
Valentia	953	81613	84028	14815	885//	13724	84820	88640	

OBSERVATIONS at 18h. 27 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	81709	15515	21415	870//	15606	86700	88701	
Hurn	862	81907	25515	21616	870//	16705	85701	88703	
Manston	797	71309	68022	23815	20958	13605	82359	87275	
Gatwick	776	81507	64032	22817	855//	12704	83623	88636	
Kew	775	81706	75021	22218	855//	12604	83622	88630	
Heathrow	772	81609	70032	22318	855//	13705	83622	88625	
Honington	586	71512	59022	22218	60972	11709	82359	86362	87075
Wattisham	590								
Gorleston	497	41614	58051	23615	00901	14710	84075		
Aberporth	502	81818	50515	17015	872//	15615	88705		
Filton	628	81808	60025	20117	863//	15609	85707	88712	
Rhoose	715	81609	57606	19416	7537/	15607	81706	87614	88359
Hartland Point	703	82718	64166	19315	6236/	14605	84706	86825	88360
Mount Batten	827	82112	25105	20915	870//	14602	86701	88703	
St. Mawgan	817	81910	62035	20115	5637/	14604	85708	88460	
Scilly	804	61915	62022	19015	5857/	15708	81820	85625	
Culdrose	809	72013	50104	20315	6603/	14603	83701	86703	
Guernsey	894	82406	61205	22815	854//	15603	88611		
Elmdon	534	81712	60046	19917	854//	15612	86711	88618	
Cardington	559	81810	60022	21719	856//	13808	88640		
Wittering	462	81808	60032	21018	855//	12713	84627	88645	
Watnall	354	81708	62502	20018	854//	14611	86618	88640	
Shawbury	414	81507	50585	18517	873//	16812	82708	88710	
Finningley	360	81813	60502	19719	855//	14506	83622	88626	
Spurn Point	396	71415	58021	20415	6563/	13714	86630	87360	
Leeming	257	81510	40206	18217	854//	15816	88615		
Tynemouth	262	81813	23056	18217	855//	15816	88625		
Carlisle	222	81708	56212	16017	854//	15721	86710	88630	
Valley	302	81818	59026	15616	872//	15623	81703	88705	
Ringway	334	81711	58026	18517	854//	15712	81715	88622	
Squires Gate	318	81614	50046	16617	7557/	16721	82620	86640	88460
Ronaldsway	204	81713	19516	15015	870//	14618	88700		
Mull of Galloway	131	92125	02505	13514	9////	14724	89///		
Eskdalemuir	162	81407	06536	16014	870//	14620	88701		
Prestwick	135	81303	64216	14515	853//	15622	81708	83712	85620
Abbotsinch	140	80907	20638	15011	872//	11625	83704	88706	
Leuchars	171	80610	30596	16911	870//	10724	81701	86702	87703
Dyce	091	80804	56212	17911	852//	10716	81703	83704	87705
Lerwick	005	70505	65021	18409	584/2	09712	82815	85625	87072
Wick	075	71109	72022	18011	1547/	09620	81618	85359	87462
Sule Skerry	010	81415	74022	17911	3557/	09717	83625	88360	
Cape Wrath	049	80913	82032	16011	3557/	09726	83625	88360	
Stornoway	026	71112	81022	14111	1563/	08737	81640	87359	
Benbecula	022	70612	85032	12811	6557/	10740	81620	86635	87460
Tiree	100	81414	75212	12112	7541/	10737	81712	87625	88460
Aldergrove	917	81412	50606	11614	6527/	13735	84704	85620	88458
Malin	980	81217	75216	10512	6647/	11740	86717	88459	
Belmullet	976	81011	70606	05214	6642/	12764	82712	84716	88458
Birr	965	81510	66216	10514	7647/	12825	87712	88458	
Dublin	969	71311	30106	12215	4627/	15629	83703	84707	87459
Shannon	962	81415	82026	08815	864//	13839	82712	85715	86625
Roches Point	952	81623	20586	11915	861//	15637	88702		
Valentia	953	81823	58616	06817	863//	16745	88708		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01181	000	d. [redacted]	d.d.r.
Hurn	862	92181	001	d.	d.d.d.
Manston	797	00200	095	+	+
Gatwick	776	00211	068	+	+
Kew	775	00210	038	+	+
Heathrow	772	97221	039	+	d.
Honington	586	00210	071	+	+
Wattisham	590				
Gorleston	497		051		
Aberporth	502	97171	000	id.d.d.	id.d.d.
Filton	628	04181	000	id.d.d	dd.id.r.rr.rr
Rhoose	715	05171	000	d.f	ir.r
Mount Batten	703	97190	017		
St. Mawgan	827	92161	000	d.d.f	d.d.f
Scilly	817	93171	000	d.d.f	+
Culdrose	804	97171	005	id.ff	+
Guernsey	809	96161	000	d.d.ffF	+
Elmdon	894	01161	000	id.f	ddff
Cardington	534	95191	001	d.r.	r.-r.r.
Wittering	559	97220	065	+	r.
Watnall	462	00220	044	+	+
Shawbury	354	97201	014	+	id.-r.
Finningley	414	92181	000	r. [redacted]	d.r.-r.
Spurn Point	360	91221	011	+	d.-r.rr.
Leeming	396			+	+
Tynemouth	257	94171	000	d.r.d.r.	d.r.-r.
Carlisle	262	91171	010	ir.	ir.
Valley	222	96171	002	+	r.d.ir.r
Ringway	302	92171	000	d.d.	r.d.
Squires Gate	334	01181	000	d.drdr.	r.
Ronaldsway	318	01181	000	d.r.Rrr.	r.
Mull of Galloway	204	03151	000	Rd.d.if	id.r.rr.
Eskdalemuir	131	05141			
Prestwick	162	06152	000	d.d.ffddd.r.	d.r.drddffrR
Abbotsinch	135	03161	001	+	d.r.rr
Leuchars	140	09142	002	pr.r.d.r.	d.r.rrr.r.
Dyce	171	06122	000	d.r.r.	r.Rr.r.drd.r.
Lerwick	091	02132	000	+	r.id.r.ifir
Wick	005	00121	030	+	+
Sule Skerry	075	97121	034	+	ir.
Cape Wrath	010	00130			
Stornoway	049	00121	038	+	+
Benbecula	026	97131	044	+	r.
Tiree	022	95131	025	+	ir.d.r.
Aldergrove	100	94131	004	+	r.
Malin	917	11152	000	r.-d.	ir.r.rRrrDR
Belmullet	980	9314	000		
Birr	976	9615	000		
Dublin	965	0317	000		
Shannon	969	0116	000		
Roches Point	962	0118	000		
Valentia	952	0116	000		
	953	0617	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

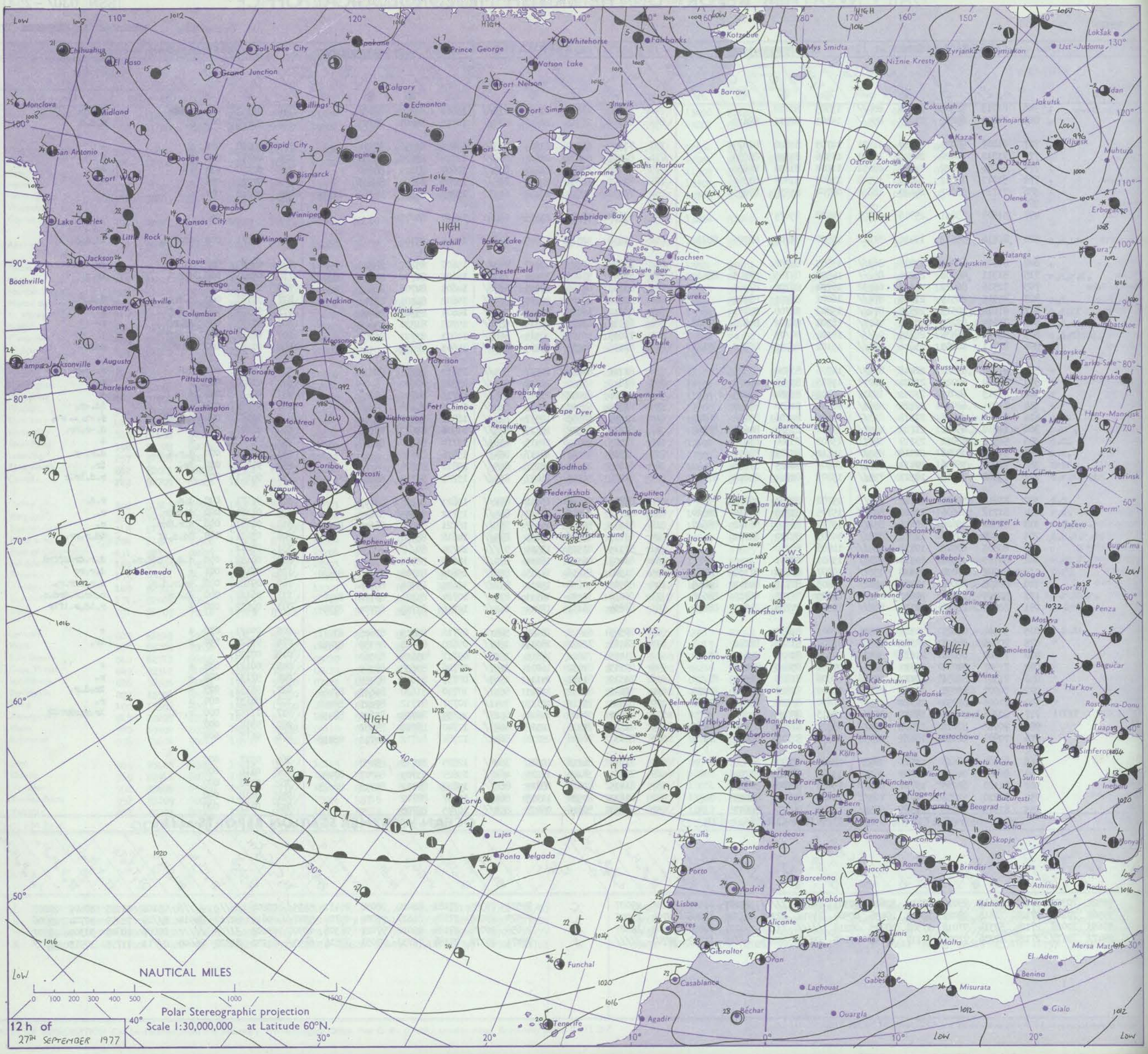
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99524	70355	27121	52613	98018	09811	52600	00303	85834	/////	05107	11194	30605	29007
L	99569	70202	27124	71818	98022	10412	29436	00504	81914	87275	0//08	11246	30704	21008
M	99658	10028	27124	52314	97012	17308	30778	00218	/////	/////	00107	10858	30302	18807
R	99472	70172	27124	42236	97031	11119	15632	00105	81633	84075	0//15	11742	30707	/////

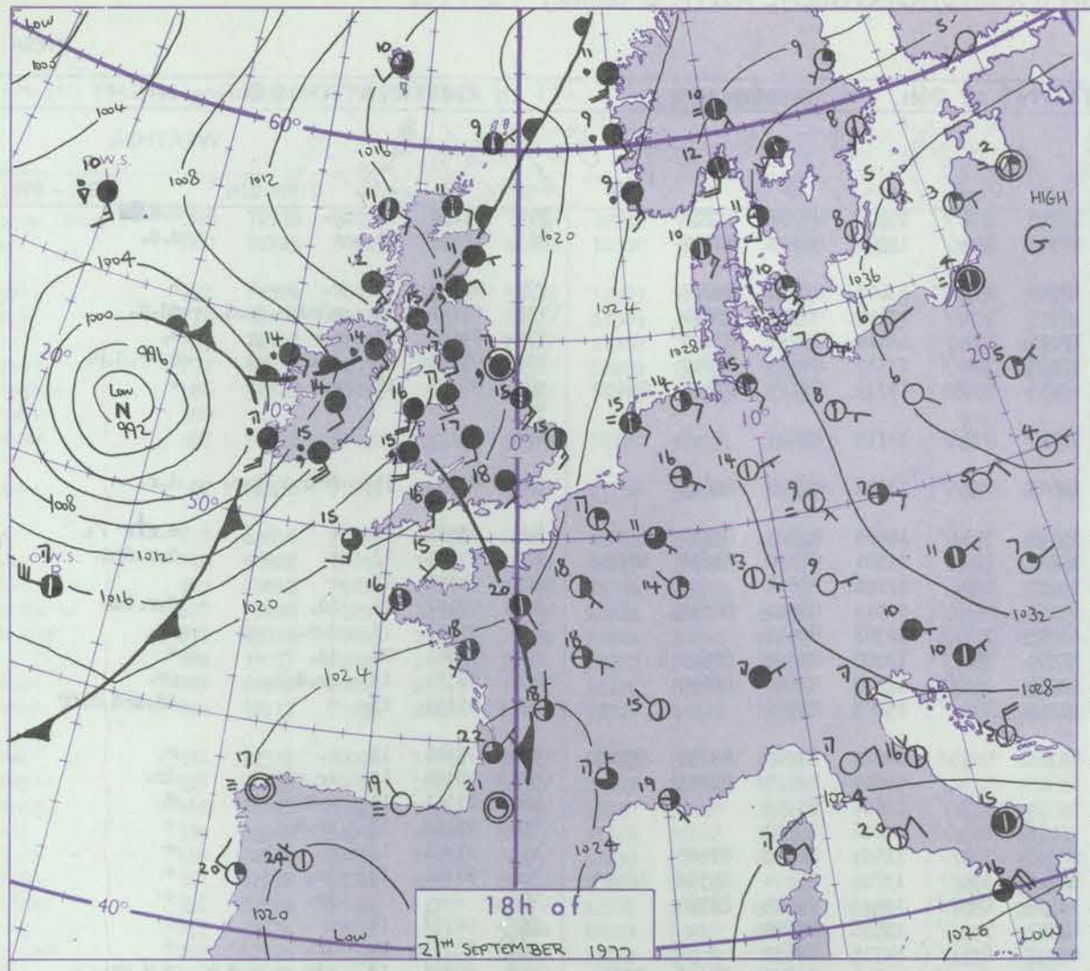
OCEAN WEATHER STATION REPORTS at 18h.

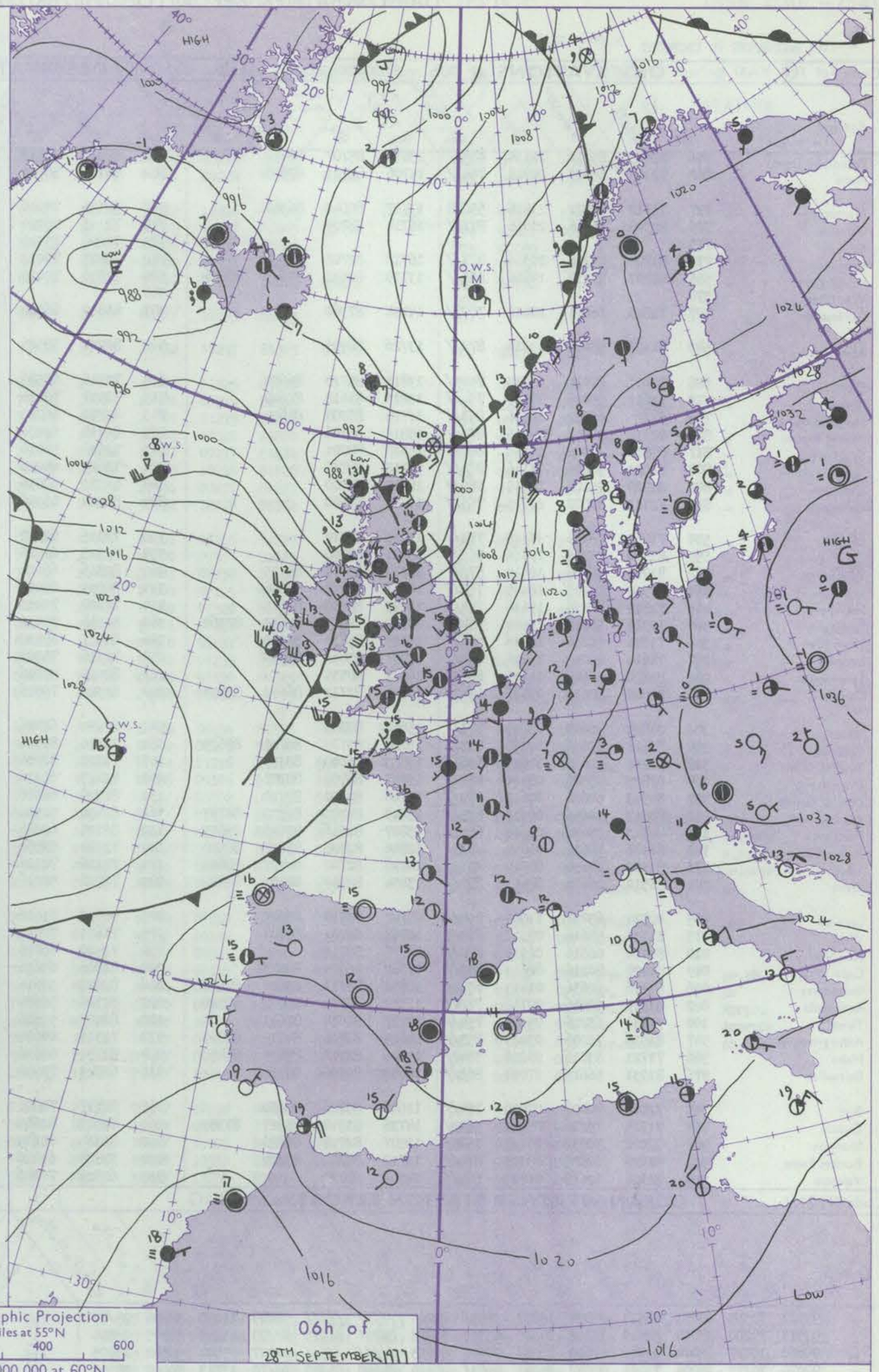
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27181	82412	98038	11411	5455/	00204	/////	/////	05108	11185	30605	29007
L	99570	70200	27184	81617	97802	05709	5347/	00619	82710	84914	0//09	11259	30704	25906
M	99659	10028	27184	02012	97021	18308	00900	00103	/////	/////	00007	10845	30302	18807
R	99471	70172	27184	72732	97031	17816	6853/	61232	81820	86640	0//11	11735	30913	/////

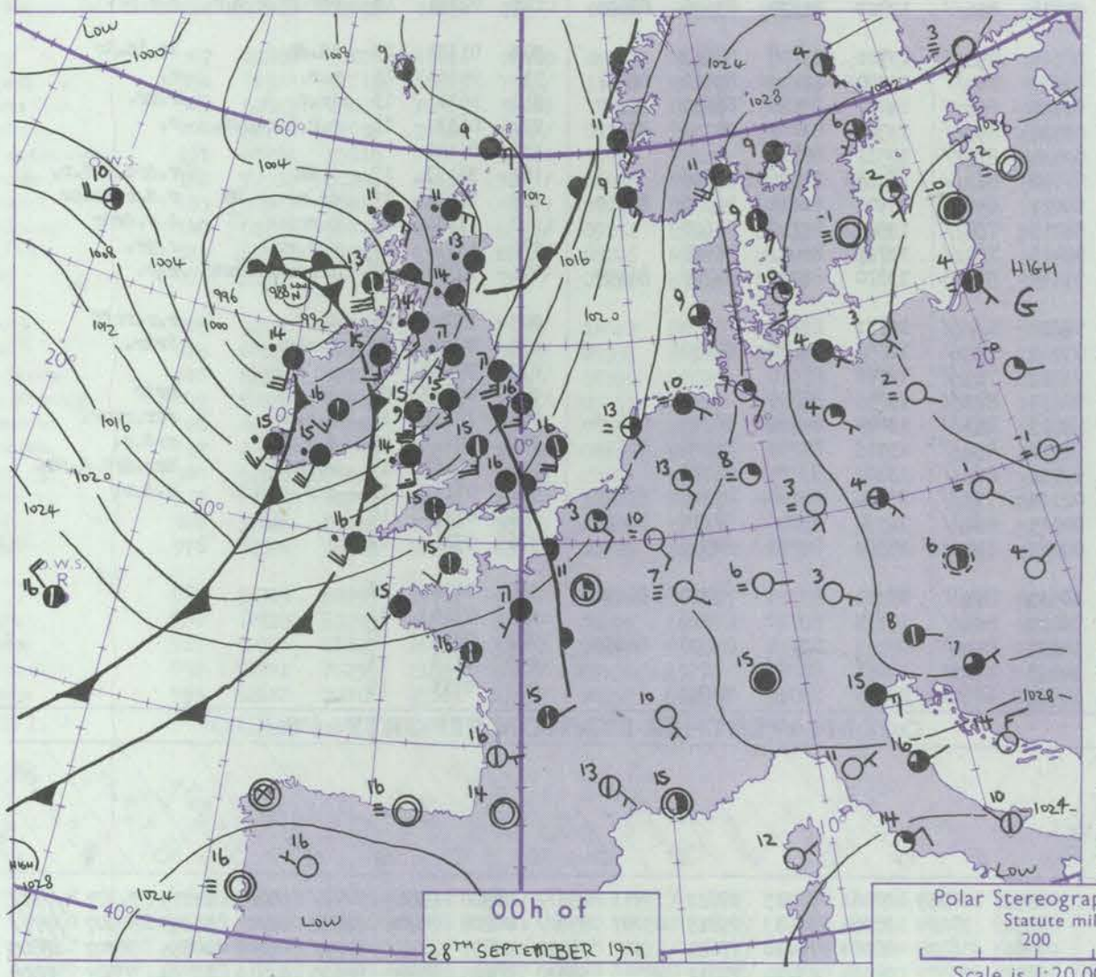
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 28 SEPTEMBER 1977

During the past 24 hours a depression to the north of the Azores deepened rapidly and moved quickly northeast towards northwest Scotland. A depression over Iceland moved away north, and a further low near southern Greenland moved slowly east and filled a little. The large anticyclone over eastern Russia moved slowly south with little change of central pressure.

During the next 24 hours the low off northwest Scotland will move north into the Norwegian Sea and a weak ridge of high pressure will move east into the British Isles. The low in the Denmark Strait will remain slow-moving while the high over Russia continues to move slowly southeast.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 28 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	82013	65026	20114	863//	13613	85707	88710	
Hurn	862	72109	65025	20915	754//	14706	85711	87620	
Manston	797	71712	68022	21416	55678	13717	85645	86360	
Gatwick	776	81908	26616	21016	872//	16714	88703		
Kew	775								
Heathrow	772	81709	45216	20316	871//	16718	82702	88703	
Honington	586	81707	57212	19916	856//	13719	82632	85648	88656
Wattisham	590								
Gorleston	497	71820	66021	20416	7093/	14724	87360		
Aberporth	502	81727	58616	13314	872//	13726	88705		
Filton	628	72011	80036	18415	7543/	13814	85710	86650	
Rhoose	715	71611	68026	17715	754//	13815	81618	87640	
Hartland Point	703	82125	66032	16316	853//	16725	86708	88635	
Mount Batten	827	81918	50502	19515	873//	14815	88706		
St. Mawgan	817	81816	20102	18215	860//	15618	88701		
Scilly	804	82023	56606	17116	874//	16713	88710		
Culdrose	809	81920	25102	18515	860//	14715	88700		
Guernsey	894	72111	80022	22715	755//	14703	87620		
Elmdon	534	71813	68216	17115	774//	13821	87710		
Cardington	559	81910	58216	19416	863//	15721	88708		
Wittering	462	81910	40616	18515	872//	15719	83704	88705	
Watnall	354	71910	70215	16415	755//	14823	84628	87656	
Shawbury	414	71812	70016	15116	754//	14722	85710	87645	
Finningley	360	71911	58216	15616	5547/	14722	82615	84633	87362
Spurn Point	396	71816	60026	16516	5567/	13725	85630	87360	
Leeming	257	71614	45042	12916	754//	15837	83618	87650	
Tynemouth	262	81820	56606	12116	8062/	14842	88535		
Carlisle	222	82006	59616	09417	6542/	15746	81712	86643	88459
Valley	302	81834	56505	09815	873//	15844	88708		
Ringway	334	81816	57616	14216	853//	15726	83708	86710	88625
Squires Gate	318	81717	62616	12015	6567/	14833	86640	88359	
Ronaldsway	204	81825	45586	08114	872//	13747	86704	88708	
Mull of Galloway	131	81948	60606	04613	872//	13760	83704	88710	
Eskdalemuir	162	81817	32656	09313	872//	13643	84703	86705	88707
Prestwick	135	81713	58636	05614	6542/	13847	81616	83620	85635
Abbotsinch	140	81107	50636	06214	4532/	12844	82708	83617	88540
Leuchars	171	81502	18656	08714	851//	14746	82702	84707	88645
Dyce	091	81512	06636	08613	870//	13854	83700	84701	88702
Lerwick	005	80914	65031	11609	854//	08747	85710	88625	
Wick	075	81113	58616	07311	872//	10768	86704	88708	
Sule Skerry	010	81124	66616	06511	874//	09776	88715		
Cape Wrath	049	81420	80216	02611	855//	09882	86620	88625	
Stornoway	026	81316	62636	01411	6542/	10880	83712	85620	88550
Benbecula	022	81319	50616	99712	7722/	12773	85704	85708	88524
Tiree	100	71731	63216	99313	754//	13767	84614	87621	
Aldergrove	917	81816	75206	03415	853//	14645	81706	84710	85715
Malin	980	71721	83016	99216	5547/	13846	82716	85635	86458
Belmullet	976	81931	56615	97014	863//	14633	85706	88711	
Birr	965	72016	70026	05016	764//	11616	85716	85630	
Dublin	969	71925	75216	05518	5643/	14736	83718	85627	87359
Shannon	962	72020	70032	04215	7545/	12507	82718	86626	
Roches Point	952	82029	60605	08915	874//	13712	84712	88720	
Valentia	953	82126	62616	06715	864//	14306	88719		

OBSERVATIONS at 06h. 28 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	82015	45515	16915	871//	14506	85702	88707	
Hurn	862	82115	30515	18315	872//	15506	86703	88705	
Manston	797	52116	74016	18715	25332	13607	81707	84072	
Gatwick	776	72113	75026	18715	754//	13610	86712	87650	
Kew	775	72210	75026	17316	754//	12614	83712	87645	
Heathrow	772	72013	70022	17515	754//	13513	84615	87650	
Honington	586	71916	70022	15416	75432	13719	81711	83616	86630
Wattisham	590								
Gorleston	497	81819	66022	16517	855//	14715	88625		
Aberporth	502	82221	58586	12613	852//	13502	86705	88618	
Filton	628	72716	67586	15715	7533/	14505	82706	83710	85615
Rhoose	715	72517	70026	15915	754//	11501	81710	83616	87622
Hartland Point	703	82732	66025	15615	854//	12206	88614		
Mount Batten	827	82718	62036	19115	854//	12311	86710	88632	
St. Mawgan	817	72518	58016	18015	754//	12302	87618		
Scilly	804	72623	64026	18315	784//	12209	83814	87620	
Culdrose	809	62513	60016	18914	655//	12210	84620	86630	
Guernsey	894	82314	06596	21115	870//	15603	88700		
Elmdon	534	72115	62212	13316	45332	14612	83708	83650	85365
Cardington	559	82113	62026	15815	854//	13614	86713	88625	
Wittering	462	82116	66026	14514	873//	13610	88709		
Watnall	354	82014	68036	12015	863//	14616	88708		
Shawbury	414	72420	75031	12316	754//	12501	82715	87618	
Finningley	360	81916	70012	10816	55477	13712	85614	85362	88273
Spurn Point	396	82017	68032	11915	6557/	13511	86625	88360	
Leeming	257	72116	75022	07717	755//	13516	87620		
Tynemouth	262	82014	80026	05417	856//	14715	88632		
Carlisle	222	82323	70026	04416	855//	12813	81620	83626	88635
Valley	302	82132	62026	08815	853//	13501	83708	88613	
Ringway	334	72313	81016	10917	754//	11500	81712	85620	86657
Squires Gate	318	72120	80036	09115	6553/	14001	83620	86630	87359
Ronaldsway	204	82123	62216	05514	853//	13303	81707	84711	88622
Mull of Galloway	131	82338	66026	02414	874//	12512	88710		
Eskdalemuir	162	81830	50596	02513	873//	12816	87706	88708	
Prestwick	135	82120	62586	00714	6542/	13504	81615	86620	88460
Abbotsinch	140	72124	57586	98915	7547/	13509	83710	87620	
Leuchars	171	72116	70026	98415	754//	12737	86617	87628	
Dyce	091	71728	58216	95114	57378	13870	81706	84709	86359
Lerwick	005	91615	01616	95810	9////	10771	89/00		
Wick	075	71621	70056	93013	755//	12758	82620	87630	
Sule Skerry	010	71420	66026	91712	755//	12770	87620		
Cape Wrath	049	81808	60636	90813	872//	13755	88705		
Stornoway	026	82022	58616	89313	853//	13649	84706	86709	88615
Benbecula	022	82320	56586	91313	852//	13518	84703	85706	88614
Tiree	100	82423	56516	95113	862//	13302	83704	88707	
Aldergrove	917	72316	60606	02114	753//	13314	83708	85714	87617
Malin	980	82731	62616	00013	864//	12338	85710	87715	88635
Belmullet	976	62825	70806	09012	634//	10390	83714	84919	
Birr	965	82717	70806	10613	884//	09351	83716	83820	86630
Dublin	969	82323	82605	06015	864//	13315	83710	87716	
Shannon	962	82824	60205	12713	854//	09263	81715	83620	86635
Roches Point	952	32828	65016	14413	28432	10251	81816		
Valentia	953	62825	70026	16914	68500	09258	83820	86632	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91131	12	r.	d.d.
Hurn	862	01151	13	+	d.d.
Manston	797	91140	13	r.	+
Gatwick	776	01141	13	r.rd.r.dd.d.	dd.d.
Kew	775	94151	13	r.r	d.
Heathrow	772	93151	13	d.ir.r.r.	d.-r.d.r.
Honington	586	97150	14	r.	+
Wattisham	590				
Gorleston	497				
Aberporth	502	01131	13	ir.r.r.d.r.	d.r.
Filton	628	93131	12	+	d.drr.
Rhoose	715	93141	13	+	d.r.drd.
Hartland Point	703	94141	13		
Mount Batten	827	92141	14	id.	d.r.id.
St. Mawgan	817	91141	13	d.r.	pr.
Scilly	804	92141	06	id.	+
Culdrose	809	94131	13	ir.d.r.	pr.
Guernsey	894	01151	13	+	id.drd.d.ff
Elmdon	534	97141	13	r.	r.
Cardington	559	95140	12	ir.r.r.	ir.
Wittering	462	01141	14	r.d.r.r	d.
Watnall	354	93151	13	ir.r	+
Shawbury	414	97151	13	r.	+
Finningley	360	97151	14	ir.	+
Spurn Point	396			ir.	+
Leeming	257	00151	14	+	+
Tynemouth	262	93151	14	ir.	+
Carlisle	222	02141	13	rir.rr.r.d.r.	r.r.pr.
Valley	302	01131	13	id.dr	ir.id.ir
Ringway	334	94151	15	r.r.	r.
Squires Gate	318	96141	13	ir.r	r.pr.
Ronaldsway	204	01131	13	r.r.d.r.d.r.	r.
Mull of Galloway	131	02131			
Eskdalemuir	162	32132	12	rrRR	r.drd.r.d.r.
Prestwick	135	10131	11	ir.rrr.r.RR	r.d.r.pr.pr
Abbotsinch	140	11131	12	r.rrRdr	d.r.drdr
Leuchars	171	13111	11	r.r.rrR	r.pr.
Dyce	091	10101	10	irrRffifrr	rir.
Lerwick	005	13072	05	ir.f	r.r.rrff
Wick	075	04101	09	r.rir	irir.
Sule Skerry	010	09102	08		
Cape Wrath	049	09092	08	ir.	rrir
Stornoway	026	15111	10	r.rr.r.	r.r.rrpr.
Benbecula	022	14111	10	d.r.Rrr	rrd.r.
Tiree	100	10111	11	r.rRdrR	Rrr.drd.d.pr.
Aldergrove	917	01111	11	d.r.-r.id.	r.d.r.
Malin	980	0112	10		
Belmullet	976	0311	09		
Birr	965	9112	10		
Dublin	969	9713	12		
Shannon	962	0312	10		
Roches Point	952	0113	11		
Valentia	953	0113	11		

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28001	82513	98028	13012	2555/	00209	/////	/////	00009	11180	3//06	29/07
L	99571	70200	28004	52619	98018	04309	43372	51708	84707	81915	0//09	11249	30905	28804
M	99660	10027	28004	01912	97020	16208	00900	00713	/////	/////	00007	10844	30302	18705
R	99470	70172	28004	73221	97032	25016	4563/	00124	84640	85360	0//10	11713	30000	28909

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.		99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28061	82513	98022	13911	856//	00500	88645	/////	00009	11179	3//07	/////
L	99569	70204	28064	82433	95818	03207	833//	00808	83706	88912	0//07	11259	30907	/////
M	99661	10028	28064	71216	97021	11407	76300	00831	/////	/////	05206	10855	30302	18805
R	99470	70172	28064	53214	97012	28016	58530	00215	81820	85630	0//10	11720	30502	28908

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. 42315

Date of Issue THURSDAY 29 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 28 SEPTEMBER 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	72716	80255	19115	7843/	12212	81710	84813	86625
Hurn	862	72715	80015	20117	68432	12210	82818	85625	85360
Manston	797	62324	70015	18318	55432	12803	85617	84359	
Gatwick	776	82416	80035	19317	7847/	13306	82817	86626	88359
Kew	775	72413	82025	18217	755//	11310	84622	87635	
Heathrow	772	82410	80036	18417	7857/	12210	83822	87635	
Honington	586	72318	80032	16117	785//	11305	85825	87635	
Wattisham	590								
Gorleston	497	72022	66022	15218	785//	14707	83825	87630	
Aberporth	502	62822	75016	20014	685//	11238	84820	84628	
Filton	628	62816	75016	18916	48431	12216	81818	83630	
Rhoose	715	52822	70018	19516	48432	11225	83814		
Hartland Point	703	43018	74016	22115	32430	11134	83815		
Mount Batten	827	73020	75255	22916	3857/	10221	82820	84360	
St. Mawgan	817	43016	70018	23415	18432	10224	81810	84362	
Scilly	804	33017	62021	24716	38570	12226	81820	83635	
Culdrose	809	62819	70018	23915	31470	11126	83818	85359	
Guernsey	894	52717	75035	24416	11432	13216	81812	85364	
Elmdon	534	72518	80026	16716	785//	09327	83824	87630	
Cardington	559	82418	70036	16717	884//	13109	85816	88625	
Wittering	462	72517	80025	15216	6853/	12212	85820	85360	
Watnall	354	82516	82808	14316	884//	11323	86818	88630	
Shawbury	414	72614	80258	16916	785//	11238	82820	87645	
Finningley	360	62620	75012	12817	685//	10319	85825		
Spurn Point	396	82320	66022	11717	6847/	12207	82818	86620	88360
Leeming	257	52721	80022	10017	58400	12223	83818	84640	
Tynemouth	262	62723	69258	07316	636//	11324	86935		
Carlisle	222	72919	75038	10014	785//	09350	83820	86640	
Valley	302	22824	81026	17416	28460	09249	81816		
Ringway	334	72522	67216	14815	784//	11337	81713	83616	86818
Squires Gate	318	52823	68018	14515	58400	11348	82818	84630	
Ronaldsway	204	62720	82038	14414	684//	07255	82817	85636	
Mull of Galloway	131	43220	83016	13013	48500	09265	83825		
Eskdalemuir	162	72532	80256	08412	784//	06245	81712	83820	85635
Prestwick	135	52923	75018	09914	58500	07254	82822	83640	
Abbotsinch	140	62725	70808	06213	685//	09251	82822	83632	85640
Leuchars	171	62531	81808	03015	684//	08246	81712	84824	85630
Dyce	091	72626	84028	99515	784//	07237	83818	85630	
Lerwick	005	72130	56036	87513	753//	12622	86706	87625	
Wick	075	62638	80258	94813	5843/	09337	81712	83818	
Sule Skerry	010	82330	58026	92011	855//	10335	88620		
Cape Wrath	049	62730	66816	93210	4343/	09361	84912	83360	
Stornoway	026	62826	70258	99911	684//	08171	81711	84816	
Benbecula	022	22529	75258	04012	22400	08152	82816		
Tiree	100	42728	75018	07514	43400	07247	83915		
Aldergrove	917	72816	62256	13515	784//	10246	81710	85822	
Malin	980	32628	80018	11414	33500	09235	82820	81920	
Belmullet	976	62326	78808	16214	635//	10225	86820	83920	
Birr	965	52715	80258	19314	525//	07233	85820		
Dublin	969	62723	83258	16815	685//	08244	86824		
Shannon	962	52820	80028	20516	52500	09230	85824		
Roches Point	952	52721	70258	21815	584//	09128	83818	83640	
Valentia	953	42617	70012	23115	42500	10232	84823		

OBSERVATIONS at 18h. 28 SEPTEMBER 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	12711	82011	24413	18509	10228	81825		
Hurn	862	43110	81031	24915	44581	09228	81822	84626	
Manston	797	72410	67022	22116	5557/	12226	81620	85645	87462
Gatwick	776	52411	75018	23514	34572	11227	81825	83634	
Kew	775	42806	82031	23116	45501	07231	84625		
Heathrow	772	42608	81018	23215	44501	09331	82825		
Honington	586	52809	80031	21315	58502	09233	81827	85635	
Wattisham	590								
Gorleston	497	82710	66022	20517	855//	12233	88625		
Aberporth	502	42514	75031	23413	10932	10217	81365	84075	
Filton	628	12812	70021	24114	18401	11225	81818		
Rhoose	715	22816	78031	24014	21401	09319	82816		
Hartland Point	703	23115	74020	25614	12501	11215	81825		
Mount Batten	827	33013	75031	27015	32501	10320	83820		
St. Mawgan	817	12814	75020	27014	11401	09217	81814		
Scilly	804	13016	70020	27914	11500	10214	81820		
Culdrose	809	22810	70021	27813	21530	09217	82825		
Guernsey	894	52914	75012	27414	50932	12218	85362		
Elmdon	534	12505	82011	22014	14501	07126	81825		
Cardington	559	42710	70021	22414	45600	09335	82630	83650	
Wittering	462	22711	75011	21213	28601	07230	81830		
Watnall	354	22509	75018	20713	25600	07125	82635		
Shawbury	414	32512	80038	21313	18544	07320	81824	83074	
Finningley	360	22509	80011	19113	18601	07131	81835		
Spurn Point	396	22613	68011	18615	25570	08237	82625		
Leeming	257	32610	86021	17213	34501	07223	83628		
Tynemouth	262	42610	69021	15114	45500	07120	84625		
Carlisle	222	22611	80021	14213	28440	08114	81715		
Valley	302	62619	82031	20515	38536	09214	81828	83640	86072
Ringway	334	12513	80011	20114	11602	08228	81830		
Squires Gate	318	52517	80031	18914	18544	11216	81820	84073	
Ronaldsway	204	62418	80038	17114	18536	09106	81820	85275	
Mull of Galloway	131	72435	80031	14714	4853/	08802	82825	85360	
Eskdalemuir	162	62115	81028	13511	685//	07123	83825	85635	
Prestwick	135	72520	65808	12213	785//	07803	82825	87645	
Abbotsinch	140	82320	58628	09912	854//	09806	82714	86636	
Leuchars	171	32321	75028	07612	28540	07006	81828		
Dyce	091	52215	86028	05012	28641	05001	81830	83360	
Lerwick	005	52426	70016	94809	58300	07250	82708	83625	
Wick	075	72317	82258	01110	48532	06002	81820	83635	85070
Sule Skerry	010	72530	66258	98511	785//	08001	83820	87625	
Cape Wrath	049	72320	70808	98410	4347/	08112	84915	87360	
Stornoway	026	22624	82258	00708	29400	06609	82918		
Benbecula	022	22530	75256	04511	22400	06302	82815		
Tiree	100	32624	62258	08310	38400	08307	81817		
Aldergrove	917	72419	70158	14713	784//	09503	81712	85824	87650
Malin	980	82733	50818	12510	834//	09306	85714	86918	
Belmullet	976	72329	68258	17214	734//	10314	84717	86920	86637
Birr	965	72515	81022	21314	785/2	10210	84822	86640	
Dublin	969	62520	80031	18914	15402	08307	81718	86070	
Shannon	962	72720	80031	22314	785//	11106	86822	83630	
Roches Point	952	72416	75022	24514	18408	10312	81818	87272	
Valentia	953	72517	70031	24815	725//	11208	87821		

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91160	034	pr.	+
Hurn	862	00171	030	+	+
Manston	797	97190	012	d.	+
Gatwick	776	92181	007	dd.-pr.	+
Kew	775	00180	010	+	+
Heathrow	772	97180	005	pr.	+
Honington	586	00190	004	+	+
Wattisham	590				
Gorleston	497		010		
Aberporth	502	00151	063	+	+
Filton	628	97171	044	d.	+
Rhoose	715	92161	067	d.-d.r.pr.	+
Hartland Point	703	00140	073		
Mount Batten	827	97171	054	pr.	+
St. Mawgan	817	00161	074	jp	+
Scilly	804	00161	069	+	+
Culdrose	809	97161	064	pr.	+
Guernsey	894	00171	033	+	+
Elmdon	534	97180	033	r.	+
Cardington	559	00180	023	+	+
Wittering	462	00171	019	+	+
Watnall	354	97171	017	pr.	+
Shawbury	414	97171	036	pr.	+
Finningley	360	00180	025	+	+
Spurn Point	396			+	+
Leeming	257	00181	038	+	+
Tynemouth	262	97191	040	pr.	+
Carlisle	222	92161	052	pr.	pr.
Valley	302	00171	063	jp	+
Ringway	334	97171	047	r.	+
Squires Gate	318	97160	057	pr.	+
Ronaldsway	204	97151	068	pr.	+
Mull of Galloway	131	92151			
Eskdalemuir	162	03131	052	d.r.d.r.Rpr.	pr.
Prestwick	135	03151	038	pr.	pr.pRpr
Abbotsinch	140	02151	052	pr.	r.r.pr.
Leuchars	171	91171	073	pr.	pr.prpr.
Dyce	091	97181	068	ir.pr.	pr.
Lerwick	005	01142	004	ffid.ir.	pr
Wick	075	92161	047	ir.pr.	pr.
Sule Skerry	010	03132			
Cape Wrath	049	01132	020	irpr.	pr.pR
Stornoway	026	03131	027	pr.	pr
Benbecula	022	02131	043	pr.	Rprpr.
Tiree	100	04141	036	pr.	irprplr
Aldergrove	917	93151	053	d.r.pr.pr	pr.r.r.-r.
Malin	980	0314	031		
Belmullet	976	0115	049		
Birr	965	9316	051		
Dublin	969	9716	058		
Shannon	962	9116	063		
Roches Point	952	9717	069		
Valentia	953	0016	068		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

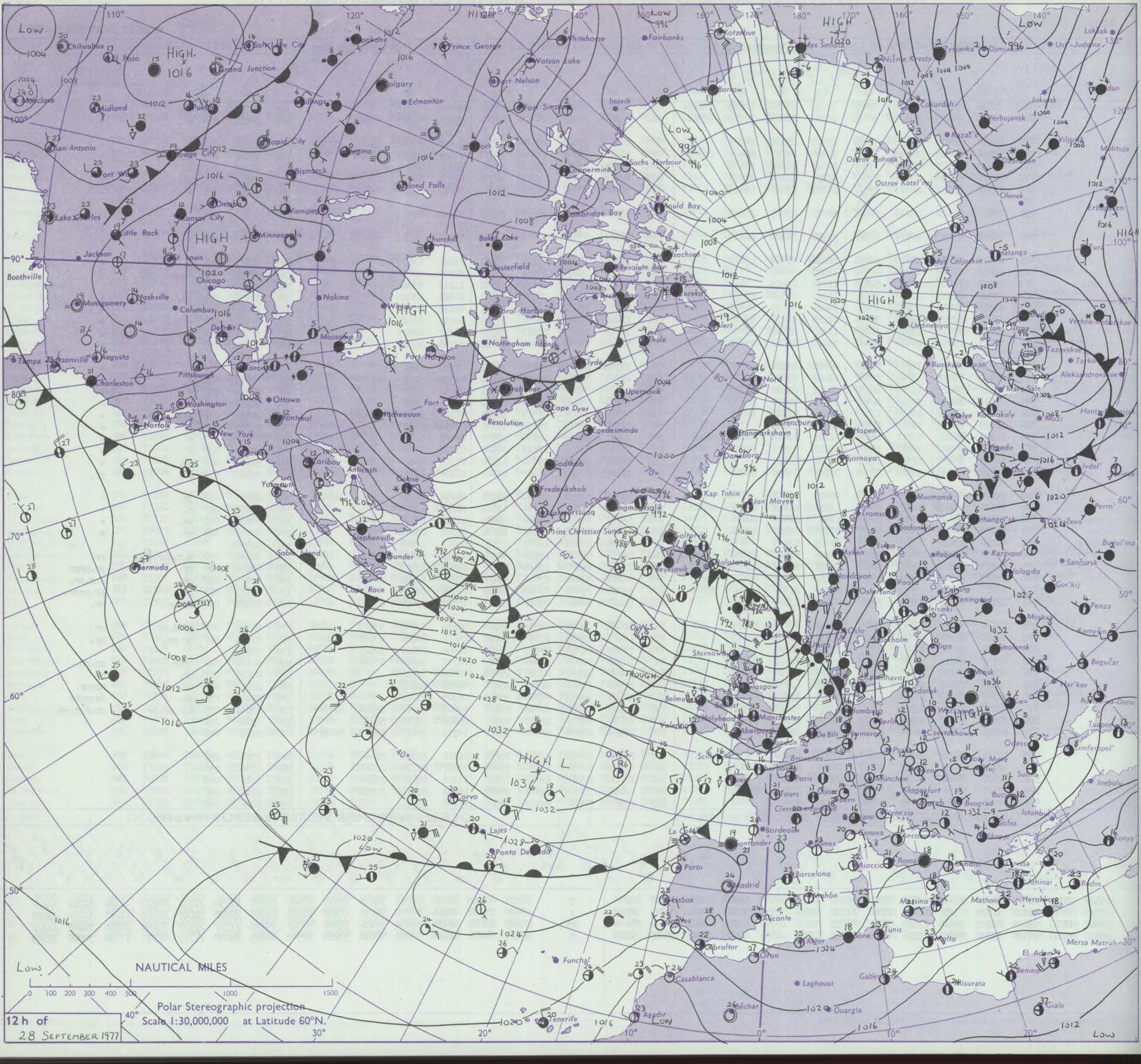
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28121	82115	97616	11712	8742/	00720	/////	/////	00210	11166	30707	23209
L	99569	70202	28124	12834	97258	06708	19401	61332	81912	/////	0//04	11242	31011	25008
M	99662	10027	28124	81225	96626	01509	5732/	00755	/////	/////	00108	10860	30504	18604
R	99470	70171	28124	13010	98021	32316	11502	00118	81820	/////	0//09	11721	30000	32805

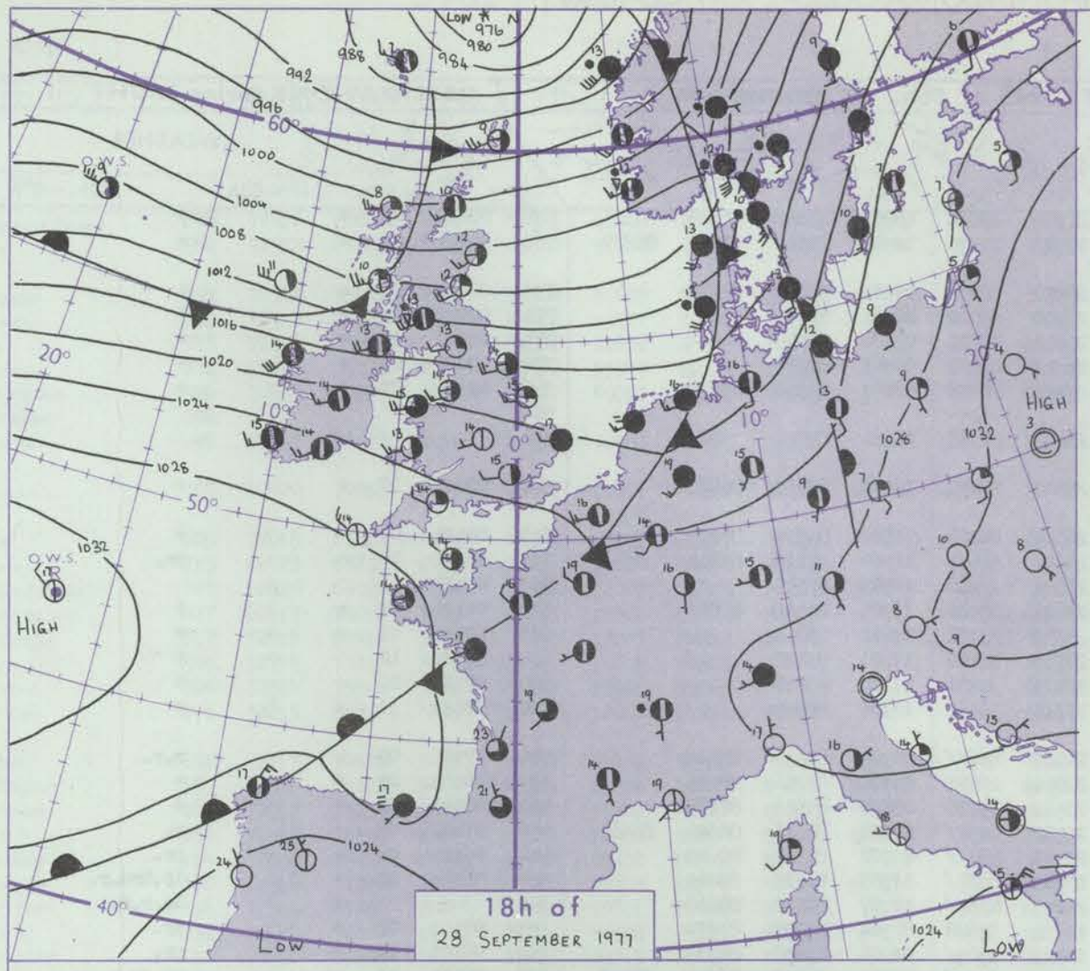
OCEAN WEATHER STATION REPORTS at 18h.

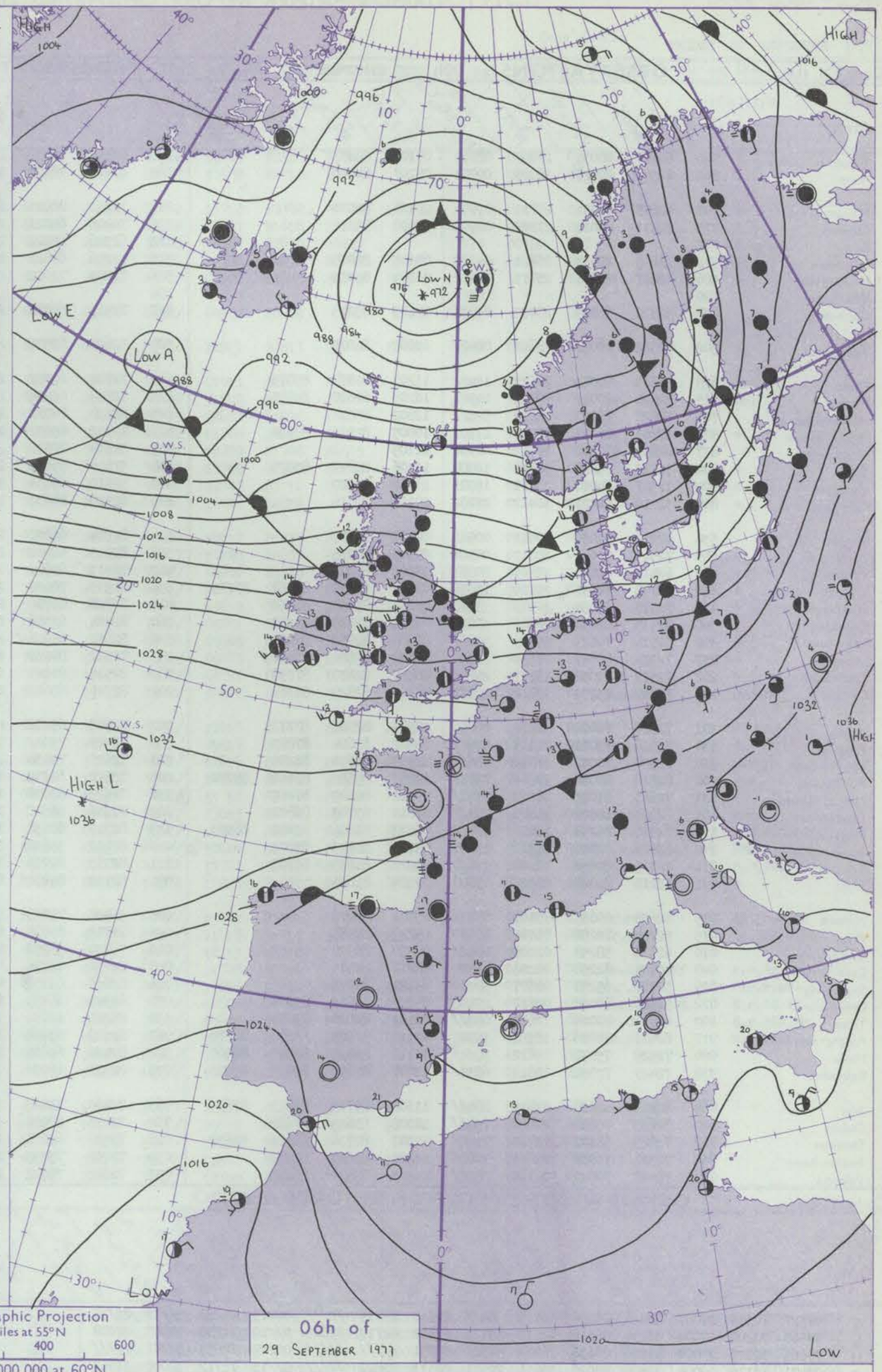
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28181	82221	94616	05713	8742/	00720	86714	/////	00312	11184	31012	/////
L	99570	70203	28184	42737	98251	08609	22471	61307	82815	83365	0//01	11241	31012	23007
M	99663	10025	28184	81134	96636	87808	5732/	00763	/////	/////	00008	10866	30605	/////
R	99470	70170	28184	13010	98010	33216	12502	00305	81820	/////	0//11	11756	30000	31905

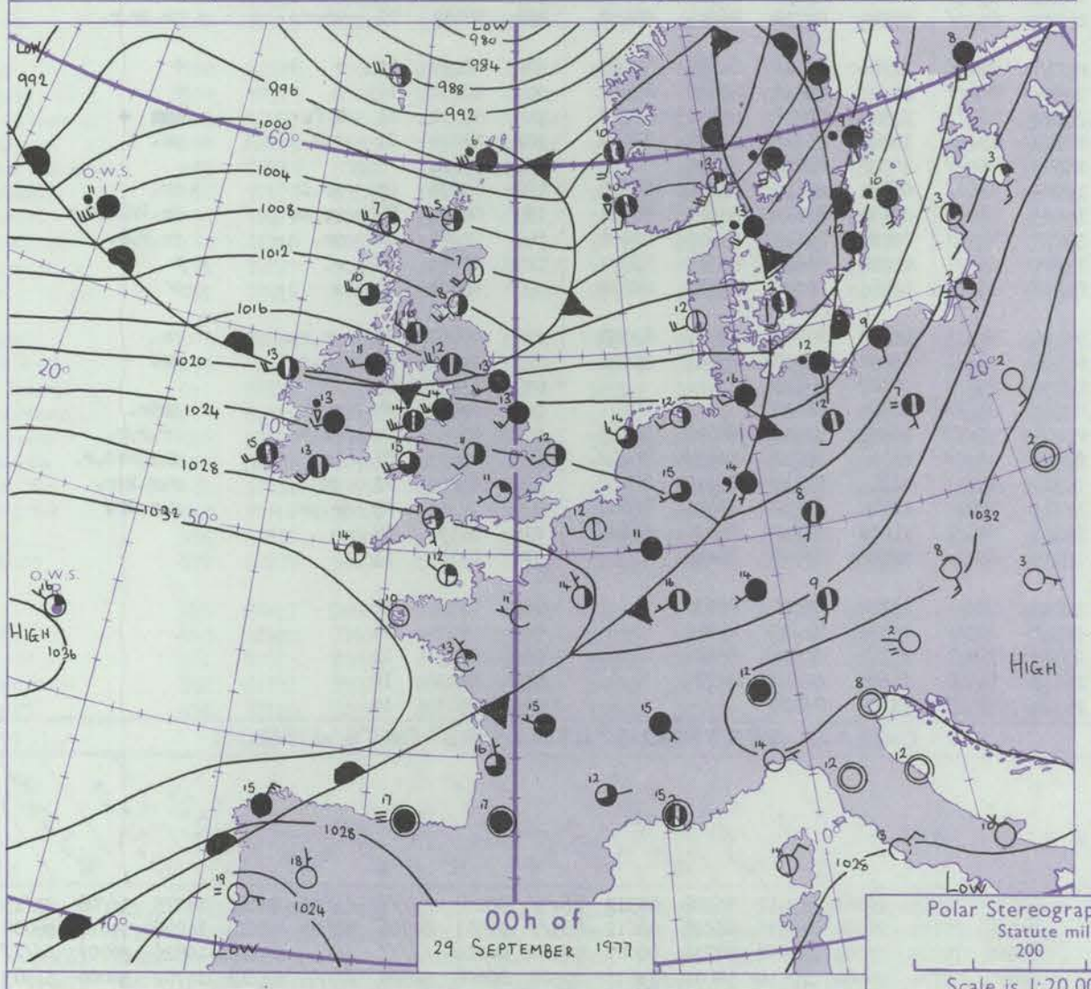
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 THURSDAY 29 SEPTEMBER 1977

During the past 24 hours a depression west of Scotland deepened and moved steadily northeast with the associated frontal troughs crossing all districts, leaving the British Isles in a westerly flow. During the next 24 hours the westerlies will continue to affect the British Isles as a depression in mid-Atlantic deepens and moves northeast between Scotland and Iceland. The associated cold front will move south across Scotland but will become slow-moving over northern England.

Code FM 11.V

OBSERVATIONS at 00h. 29 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62209	80031	27107	00901	07102	86075		
Hurn	862	42303	80020	28009	00901	08107	84070		
Manston	797	42608	66031	25711	00902	09108	84070		
Gatwick	776	52411	70011	27109	00902	09108	85075		
Kew	775								
Heathrow	772	22405	70011	26411	00902	09105	82075		
Honington	586	52413	70021	23911	00902	06104	85075		
Wattisham	590								
Gorleston	497	52510	66031	23412	00908	07103	85075		
Aberporth	502	62522	70031	25613	00902	11002	86075		
Filton	628	52613	60051	26613	11402	11203	81817	85075	
Rhoose	715	32814	70011	26713	21501	10205	82820	83075	
Hartland Point	703	52920	78021	28013	525//	12802	85825		
Mount Batten	827	32807	68021	29512	11501	10005	81820	83080	
St. Mawgan	817	02613	70010	29913	00900	11105			
Scilly	804	32715	75020	30314	11504	11106	81820	83075	
Culdrose	809	12507	64010	30412	15501	11107	81620		
Guernsey	894	32910	80021	30412	21402	09106	82818		
Elmdon	534	42212	82030	24111	00902	08803	84075		
Cardington	559	72513	57041	25011	00904	09304	87075		
Wittering	462	62413	80021	23512	00901	07001	86075		
Watnall	354	72108	70031	22410	15636	08804	81630	83360	87275
Shawbury	414	72518	75031	22313	35506	09201	83628	87272	
Finningley	360	82115	81031	20612	55607	07503	85630	88270	
Spurn Point	396	82316	70021	20613	20977	08802	82360	88275	
Leeming	257	72519	86021	17514	755//	09603	85620	87630	
Tynemouth	262	72512	81031	15213	2563/	08400	82630	87358	
Carlisle	222	72719	75251	15712	48532	09312	82820	86360	
Valley	302	72527	70022	22414	20958	10204	82362	87272	
Ringway	334	72316	75021	21113	655/2	08502	85624	87075	
Squires Gate	318	82524	70032	20014	656/7	12303	86630	88270	
Ronaldsway	204	82520	80036	19413	755/7	10211	83624	86656	88270
Mull of Galloway	131	72623	81028	18112	4551/	09217	84625	87460	
Eskdalemuir	162	72223	60808	14609	783//	07010	83708	86820	
Prestwick	135	72916	75258	16010	4847/	05222	81816	83640	86363
Abbotsinch	140	62412	82038	13810	45601	05121	84645	83075	
Leuchars	171	42315	80038	10908	15630	03220	81635	83360	
Dyce	091	12218	86028	08507	15600	02224	81645		
Lerwick	005	82628	60638	95406	854//	05501	88618		
Wick	075	52724	70258	05005	49460	03229	84918		
Sule Skerry	010	62736	58258	02109	635//	06230	86920		
Cape Wrath	049	42734	82258	02208	43400	04219	84915		
Stornoway	026	32720	65258	06607	39400	03121	83914		
Benbecula	022	52526	80038	09910	22402	05220	82815	85070	
Tiree	100	62723	70028	12610	685//	05112	84820	83650	
Aldergrove	917	82613	70036	18511	35547	09116	81625	83650	88270
Malin	980	72528	75038	15612	5847/	07110	83819	84640	86460
Belmullet	976	72419	72032	19613	6853/	11007	82820	85638	87359
Birr	965	82411	62808	22713	884//	11108	82715	84820	87636
Dublin	969	72418	75032	20814	755//	10008	83625	87640	
Shannon	962	72623	58102	23714	754//	12302	82718	84622	86630
Roches Point	952	72321	75031	25813	15606	11801	81640	87270	
Valentia	953	72418	70022	26115	785//	12203	85822	86645	

OBSERVATIONS at 06h. 29 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72109	75031	27509	50936	08001	85360	87272	
Hurn	862	62409	70031	28312	11536	10303	81820	83362	85270
Manston	797	72411	80021	26210	00908	09101	85070	87275	
Gatwick	776	72406	64021	27408	00902	08501	87075		
Kew	775	62306	68022	26411	00901	09400	86075		
Heathrow	772	72206	68021	26711	00908	09301	87275		
Honington	586	72314	72012	24111	20938	08101	82366	87275	
Wattisham	590								
Gorleston	497	72512	66012	23412	00901	08204	87075		
Aberporth	502	72622	63032	25413	28432	12500	82813	86075	
Filton	628	72712	65032	26614	48408	11500	81814	87275	
Rhoose	715	52715	62258	26614	58431	11000	81710	84814	
Hartland Point	703	22828	74021	28014	22500	11303	82825		
Mount Batten	827	72713	65031	29613	15402	12303	81616	87080	
St. Mawgan	817	32614	70030	29513	31401	11602	83814		
Scilly	804	32616	75021	29913	32500	11604	83820		
Culdrose	809	52410	64031	30413	31401	11301	83816		
Guernsey	894	62910	80031	31213	51402	11306	85815		
Elmdon	534	82314	66601	24413	856//	09303	83630	88640	
Cardington	559	82415	60022	25011	20937	09104	82366	88275	
Wittering	462	72513	81022	23611	15738	08500	81656	87275	
Watnall	354	82313	70602	22412	6552/	09202	81625	86640	88465
Shawbury	414	82708	64808	22913	884//	11207	84814	88640	
Finningley	360	82405	81586	21212	6557/	11307	86625	88465	
Spurn Point	396	82611	61616	21213	4562/	10307	84630	88460	
Leeming	257	72512	84032	19012	55648	07304	85635	87270	
Tynemouth	262	82514	81022	17412	5563/	06206	85630	88358	
Carlisle	222	82716	65608	16512	6542/	09305	83710	86645	88460
Valley	302	72523	65012	22214	5547/	11701	81712	84635	87362
Ringway	334	72209	75022	21914	784//	10307	83818	83625	85650
Squires Gate	318	72620	70036	20414	784//	12305	83818	85630	86650
Ronaldsway	204	72520	64252	19213	784//	10101	81712	83618	87650
Mull of Galloway	131	72623	80028	18012	785//	10002	82820	87625	
Eskdalemuir	162	72116	65808	15909	784//	08305	83712	83820	87630
Prestwick	135	82719	60638	15611	7842/	09702	81712	83625	86650
Abbotsinch	140	82412	58618	13711	3541/	09704	81618	83626	88460
Leuchars	171	82213	80026	11809	15547	04000	81628	83360	88272
Dyce	091	82112	84031	09807	45677	02801	84640	85362	88270
Lerwick	005	52425	75028	98206	39363	04209	81708	82912	83358
Wick	075	72313	80038	05406	38432	03507	81818	83645	85072
Sule Skerry	010	72734	58258	02709	755//	07502	87620		
Cape Wrath	049	62730	66818	02808	634//	07803	86915		
Stornoway	026	82618	65258	05709	5947/	06808	82914	84620	88465
Benbecula	022	82319	66585	08510	6542/	08708	82712	86620	88462
Tiree	100	82320	60616	11512	6742/	10711	82712	86715	88550
Aldergrove	917	82313	65038	17711	6542/	10704	84712	86635	88460
Malin	980	82426	65808	14913	884//	10804	83712	86818	88640
Belmullet	976	82322	66036	18414	864//	12708	85719	88638	
Birr	965	72411	75028	22913	785//	11502	85820	85636	
Dublin	969	72416	80036	20912	2553/	10503	82625	87360	
Shannon	962	72519	65038	23714	784//	11706	81714	85820	
Roches Point	952	72218	75032	26013	16406	11604	81714	87272	
Valentia	953	72215	70022	26114	725//	11705	87820		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	03	+	+
Hurn	862	00091	05	+	+
Manston	797	00090	05	+	+
Gatwick	776	00071	03	+	+
Kew	775	00100	05	+	+
Heathrow	772	00090	03	+	+
Honington	586	00110	07	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	00121	10	+	+
Filton	628	00121	09	+	+
Rhoose	715	97131	10	+	pr.
Hartland Point	703	00130	11		
Mount Batten	827	00111	07	+	+
St. Mawgan	817	00131	11	+	+
Scilly	804	00131	12	+	+
Culdrose	809	00110	10	+	+
Guernsey	894	00121	10	+	+
Elmdon	534	97100	08	+	r.r.
Cardington	559	00100	05	+	+
Wittering	462	00101	08	+	+
Watnall	354	97101	06	+	r.
Shawbury	414	95121	06	+	pr.
Finningley	360	96111	09	+	ir.Rrd.r.
Spurn Point	396			+	ir.r.r.
Leeming	257	91111	07	+	ir.
Tynemouth	262	97121	10	+	pr.
Carlisle	222	94111	09	prpr.	pr.ir.r.
Valley	302	00131	12	+	+
Ringway	334	00130	10	+	+
Squires Gate	318	92131	11	[redacted]r.r	[redacted] +
Ronaldsway	204	01121	11	r.r	pr.
Mull of Galloway	131	97111			
Eskdalemuir	162	03081	05	pr.pr	pr.
Prestwick	135	04101	08	pr.pr	pr.ir.ird.r.
Abbotsinch	140	01091	07	pr.	pr.r.r.
Leuchars	171	97071	05	r.	+
Dyce	091	00061	03	+	+
Lerwick	005	07061	04	pr.r.r.rr	pr.
Wick	075	02041	02	pr.prl	pr.
Sule Skerry	010	03052	05		
Cape Wrath	049	02042	04	prpR	prir.
Stornoway	026	02091	04	pr.h.	pr.r.r.
Benbecula	022	02081	07	pr.	d.r.rrd.r.
Tiree	100	03091	07	jp	r.r.Rrr.
Aldergrove	917	92101	09	r.pr.	r.r.ir.
Malin	980	0511	09		
Belmullet	976	9713	11		
Birr	965	0212	10		
Dublin	969	9712	09		
Shannon	962	9713	11		
Roches Point	952	0013	10		
Valentia	953	0013	11		

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	29001	82418	95106	06113	864//	00314	88715	/////	00413	11189	3//12	23/14
L	99569	70200	29004	82234	98616	04710	5542/	61842	82710	85625	0//10	11239	30807	27008
M	99665	10023	29004	81226	96636	76909	5732/	00751	/////	/////	00209	10853	30707	/////
R	99471	70170	29004	22806	98020	35416	22501	00113	82820	/////	0//11	11712	30000	31903

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	29061	82412	96106	09312	4645/	00118	/////	/////	00211	11175	3//06	23/13
L	99568	70191	29064	82335	96026	99612	863//	22501	84706	88710	0//12	11227	31010	26009
M	99666	10024	29064	71930	97818	80007	49460	00214	/////	/////	05106	10826	30707	/////
R	99470	70170	29064	22510	98010	33616	22500	00608	82820	/////	0//12	11702	30000	31903

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. 42316

Date of Issue FRIDAY 30 SEPTEMBER 1977

Code FM 11.V

OBSERVATIONS at 12h. 29 SEPTEMBER 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	72511	80022	27815	685/1	10803	83820	85635	87075
Hurn	862	72512	80022	29016	41506	11502	84825	85270	87074
Manston	797	72515	75022	26817	11572	10603	81825	87363	
Gatwick	776	72513	80022	28316	48538	11801	83822	87275	
Kew	775	72511	75022	27117	51531	11802	85820	85075	
Heathrow	772	72415	75022	27217	38532	11703	82823	86078	
Honington	586	72518	80036	24416	1153/	09802	81827	87365	
Wattisham	590								
Gorleston	497	82615	66022	24116	2153/	10803	82825	88358	
Aberporth	502	62420	70012	26115	28432	11801	82818	83365	86073
Filton	628	72615	65022	27016	22502	12801	82825	87075	
Rhoose	715	62723	67258	27516	42431	11105	84816	86075	
Hartland Point	703	62825	64022	29015	22574	12007	82825	83360	86075
Mount Batten	827	62617	70012	30317	31508	12002	83820	85278	
St. Mawgan	817	52616	80011	30816	21401	12103	82812	84075	
Scilly	804	32718	70011	30916	28501	13001	82820		
Culdrose	809	52314	75012	31115	51501	13000	85825		
Guernsey	894	52613	81012	32015	11432	12003	81814	85075	
Elmdon	534	72417	70026	24517	31558	09804	83826	87275	
Cardington	559	72518	64022	25417	48538	11801	83825	85363	87275
Wittering	462	72517	75012	24016	28532	10702	82822	83365	86075
Watnall	354	72312	75256	22815	48572	11803	83822	83360	86078
Shawbury	414	72520	75038	23316	22546	09802	82822	87272	
Finningley	360	72516	77026	21017	68501	09805	82828	85645	86078
Spurn Point	396	72620	68026	21215	3557/	10501	83630	87360	
Leeming	257	72520	70216	18615	785//	09808	85825	87657	
Tynemouth	262	72716	69028	16115	3547/	09713	83618	87358	
Carlisle	222	72618	67216	15614	4847/	11810	81715	83630	85360
Valley	302	82328	70022	22214	4847/	11806	81814	83656	88459
Ringway	334	52515	80252	22116	48545	07702	84825	83075	
Squires Gate	318	82423	67212	20715	4847/	12000	82818	83622	88460
Ronaldsway	204	82419	65022	19114	2547/	11804	81716	87360	88466
Mull of Galloway	131	72430	80012	16814	2567/	10707	82630	83359	85462
Eskdalemuir	162	72122	56808	14411	723//	10807	86708	87818	
Prestwick	135	72422	60586	13812	6847/	11712	81710	84618	85630
Abbotsinch	140	82318	59586	11713	7532/	12716	81709	84615	87626
Leuchars	171	72223	70028	08414	784//	10723	81714	83625	86640
Dyce	091	72016	82012	06013	2567/	09827	82630	84360	87463
Lerwick	005	32525	80258	98209	12402	06804	81815		
Wick	075	72318	75608	02311	45478	09729	81715	83640	86460
Sule Skerry	010	82520	32536	00611	873//	10723	88708		
Cape Wrath	049	82320	57616	99411	873//	11834	88709		
Stornoway	026	82422	58618	00113	6532/	12738	82707	86615	88458
Benbecula	022	82225	40586	03312	7722/	12627	84703	87707	88530
Tiree	100	82431	57636	07613	7532/	12722	84707	87615	88540
Aldergrove	917	72316	70026	16014	785//	10712	81820	87625	
Malin	980	82332	60606	12314	7642/	12714	87714	88458	
Belmullet	976	82227	59606	16914	7632/	12711	85709	87716	88458
Birr	965	72417	80028	22115	6647/	11804	85716	83634	86463
Dublin	969	82419	78506	20015	5547/	10706	83719	85630	87459
Shannon	962	72625	75028	23216	784/2	11806	81717	83820	85645
Roches Point	952	72323	75022	26116	684/1	10803	86818	85075	
Valentia	953	72318	70022	26116	725//	12000	87820		

OBSERVATIONS at 18h. 29 SEPTEMBER 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	72512	75022	25514	38532	09607	82826	87075	
Hurn	862	72413	70022	26315	26402	13608	82715	87075	
Manston	797	72315	65022	24214	30942	11712	83362	84070	86073
Gatwick	776	72212	64022	25414	14448	12607	81618	87275	
Kew	775	72407	62022	24416	54608	09610	85630	86272	
Heathrow	772	72508	72022	24815	45678	11508	84632	86465	87275
Honington	586	72418	68022	21915	1567/	08606	81645	85359	87364
Wattisham	590								
Gorleston	497	82420	66022	21217	8092/	09707	88458		
Aberporth	502	72420	65022	23513	58432	12613	83813	84640	86070
Filton	628	62720	70252	24614	22532	11513	82825	84362	
Rhoose	715	62618	68258	25014	42442	11510	84812	86075	
Hartland Point	703	72729	64022	26514	52535	12607	85820	86075	
Mount Batten	827	62814	70022	28315	41402	11705	84818	85075	
St. Mawgan	817	62516	70022	28514	28302	12709	81708	86075	
Scilly	804	42818	70020	28915	38502	13709	82820	84075	
Culdrose	809	62413	70031	29214	46401	12705	83710	83615	86070
Guernsey	894	32615	78011	30413	21401	10708	82814		
Elmdon	534	72415	68022	21815	21538	08612	81825	83362	87272
Cardington	559	82520	60052	22915	65637	10608	84630	85650	88275
Wittering	462	72414	70022	21715	786//	09606	81830	87640	
Watnall	354	72315	70022	20014	6567/	10710	86640	85360	
Shawbury	414	72311	75012	20915	48572	10612	83822	83645	87070
Finningley	360	72314	81028	18415	786//	09711	82830	87645	
Spurn Point	396	62316	66012	18215	25576	09805	82625	84360	86275
Leeming	257	82426	70032	14515	6852/	09725	82820	85635	88462
Tynemouth	262	72520	69022	11615	2567/	09721	82630	87358	
Carlisle	222	82617	57656	12713	3542/	12811	81710	88556	
Valley	302	82323	68022	19715	5557/	11610	81625	85628	88459
Ringway	334	72418	70022	19115	7561/	09817	87630		
Squires Gate	318	82322	66012	17915	4567/	12616	81630	84650	85359
Ronaldsway	204	82320	68032	16215	5547/	10709	81718	85635	88359
Mull of Galloway	131	82430	74606	13114	3742/	11713	83710	88460	
Eskdalemuir	162	82021	57638	11612	853//	11615	86708	88620	
Prestwick	135	82423	56636	09913	7542/	12723	82712	85614	87622
Abbotsinch	140	82318	45516	08013	853//	12614	83708	85712	87618
Leuchars	171	72228	70218	04213	45472	11722	82712	83640	87075
Dyce	091	62114	84012	00215	15572	10726	81620	83362	85072
Lerwick	005	82325	25586	90211	870//	11652	85701	88704	
Wick	075	82318	75616	96613	6547/	11615	81715	83618	85635
Sule Skerry	010	82126	58025	94912	864//	12713	88710		
Cape Wrath	049	82324	60616	95411	873//	11708	88709		
Stornoway	026	82623	57616	97212	853//	12608	82706	85710	88616
Benbecula	022	82224	58206	00713	7532/	12605	85706	87614	88530
Tiree	100	82529	58216	04713	7637/	13608	81706	87709	88458
Aldergrove	917	82317	58618	13313	873//	12709	81706	85710	88713
Malin	980	82332	62606	09514	6642/	13808	86714	88458	
Belmullet	976	82225	40615	14614	863//	13708	86708	88713	
Birr	965	82416	58505	19814	864//	12507	86710	88716	
Dublin	969	72422	80025	17515	5557/	09618	83622	85630	87460
Shannon	962	82528	64606	20815	854//	11715	83716	87622	
Roches Point	952	72219	70032	23715	784/2	11807	82818	87635	87072
Valentia	953	72218	66022	24015	785//	13709	83820	87635	

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	030	+	+
Hurn	862	00171	012	+	+
Manston	797	00180	042	+	+
Gatwick	776	00181	036	+	+
Kew	775	00180	047	+	+
Heathrow	772	00180	036	+	+
Honington	586	97180	010	ir.	+
Wattisham	590				
Gorleston	497		000		
Aberporth	502	00161	015	+	+
Filton	628	97170	026	+	pr.
Rhoose	715	97170	035	pr.	pr.
Hartland Point	703	00150	057		
Mount Batten	827	00171	087	+	+
St. Mawgan	817	00171	075	+	+
Scilly	804	00171	089	+	+
Culdrose	809	00160	088	+	+
Guernsey	894	00161	084	+	+
Elmdon	534	00180	028	+	+
Cardington	559	00180	015	+	+
Wittering	462	00171	017	+	+
Watnall	354	97170	017	pr.	+
Shawbury	414	00170	023	+	+
Finningley	360	97171	012	pr.	+
Spurn Point	396			+	+
Leeming	257	97161	000	ir.	+
Tynemouth	262	00170	003	+	+
Carlisle	222	13152	002	r.r.ir.r	rrr.R
Valley	302	00151	000	+	+
Ringway	334	97160	001	pr.	+
Squires Gate	318	96161	000	r.	r.r
Ronaldsway	204	94151	000	+	r.r.
Mull of Galloway	131	97141			
Eskdalemuir	162	21122	003	pr.pr	rrr.
Prestwick	135	11131	000	d.r.drrr	rrr.r.d.r.
Abbotsinch	140	20142	000	d.r.d.r.drr	RRrrd.dr
Leuchars	171	91161	034	pr.	r.r.ir.
Dyce	091	00161	006	+	+
Lerwick	005	05112	050	pr.rr	ir.fr.d.rr
Wick	075	04131	006	ir.r.r.	ir.irr.r.rr
Sule Skerry	010	03131			
Cape Wrath	049	05112	000	ir.irr.r.ff	r.r.ir.
Stornoway	026	07131	000	r.r.d.r.r	rrr.r.pr.
Benbecula	022	04131	000	r.r.rd.r.id.	d.r.id.ir.
Tiree	100	06131	000	rr.d.r.	d.r.rid.pr
Aldergrove	917	03151	004	pr.r.	r.r.rd.r.
Malin	980	1214	000		
Belmullet	976	0615	000		
Birr	965	9716	003		
Dublin	969	9716	002		
Shannon	962	9717	020		
Roches Point	952	0017	042		
Valentia	953	0017	011		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

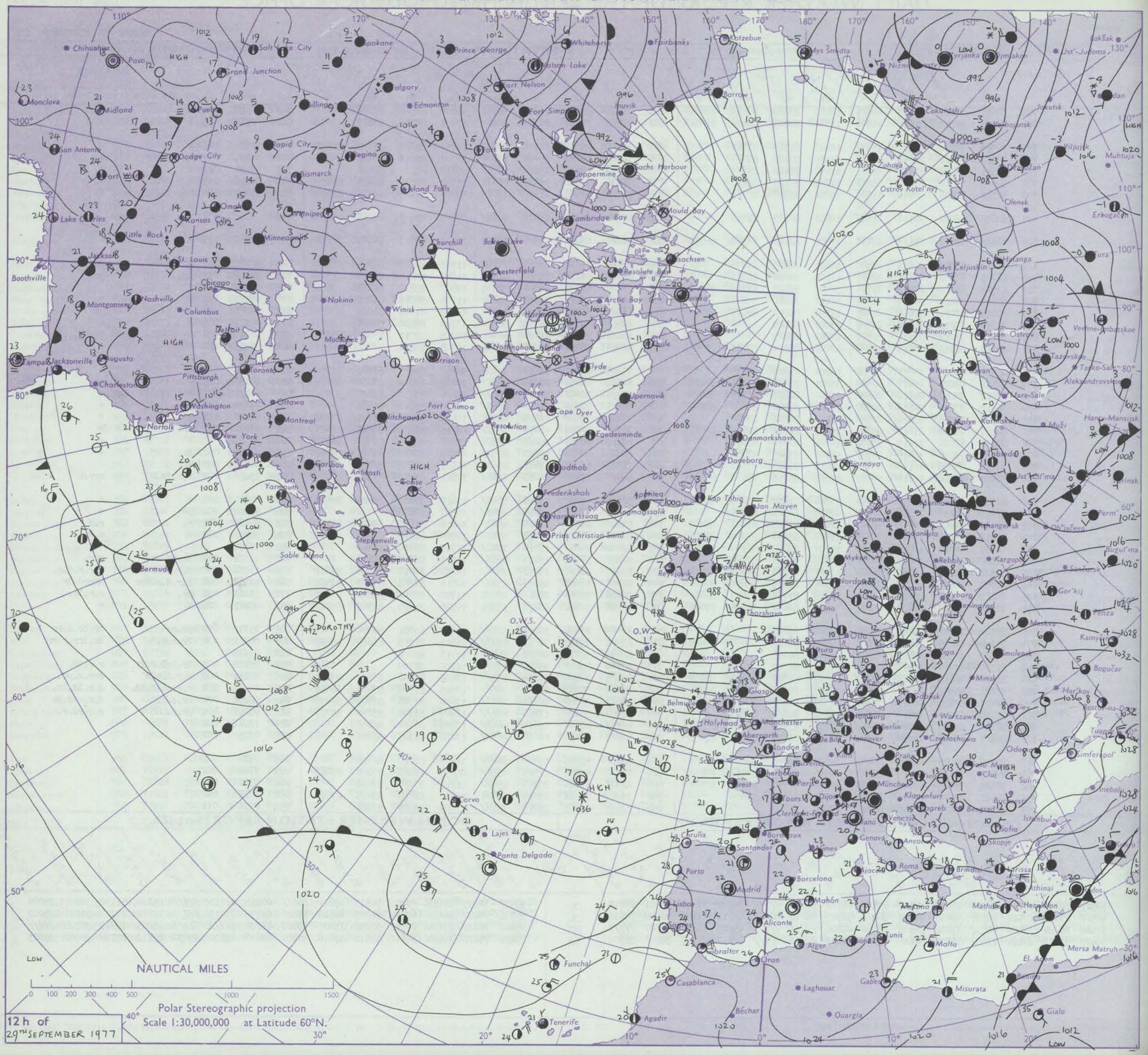
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29121	82307	97022	12712	856//	00216	88632	/////	00110	11184	30201	23010
L	99567	70180	29124	82538	96016	99613	864//	51303	86710	88645	0//11	11203	30908	28012
M	99664	10024	29124	41832	97012	80408	28464	41806	/////	/////	05005	10856	30707	/////
R	99470	70171	29124	22609	98030	34616	28500	00103	82820	/////	0//12	11715	30000	31903

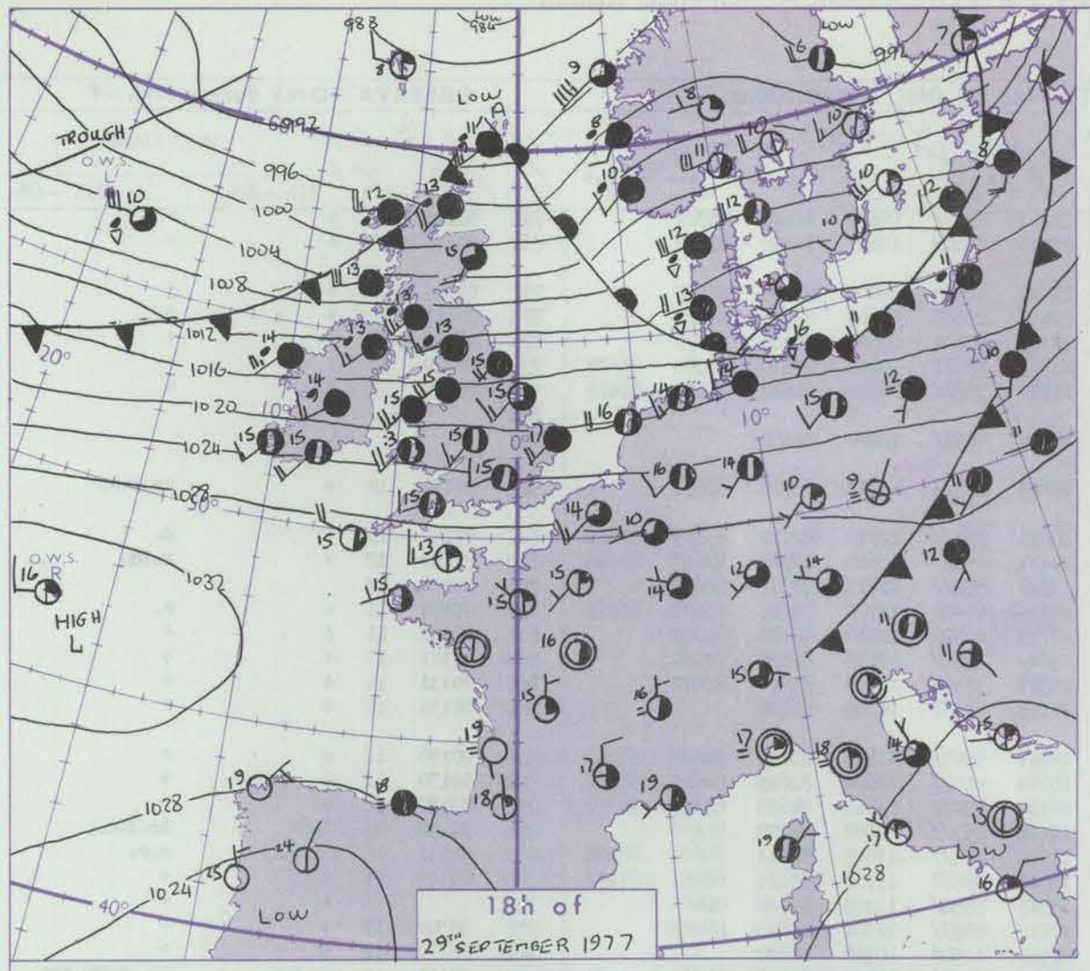
OCEAN WEATHER STATION REPORTS at 18h.

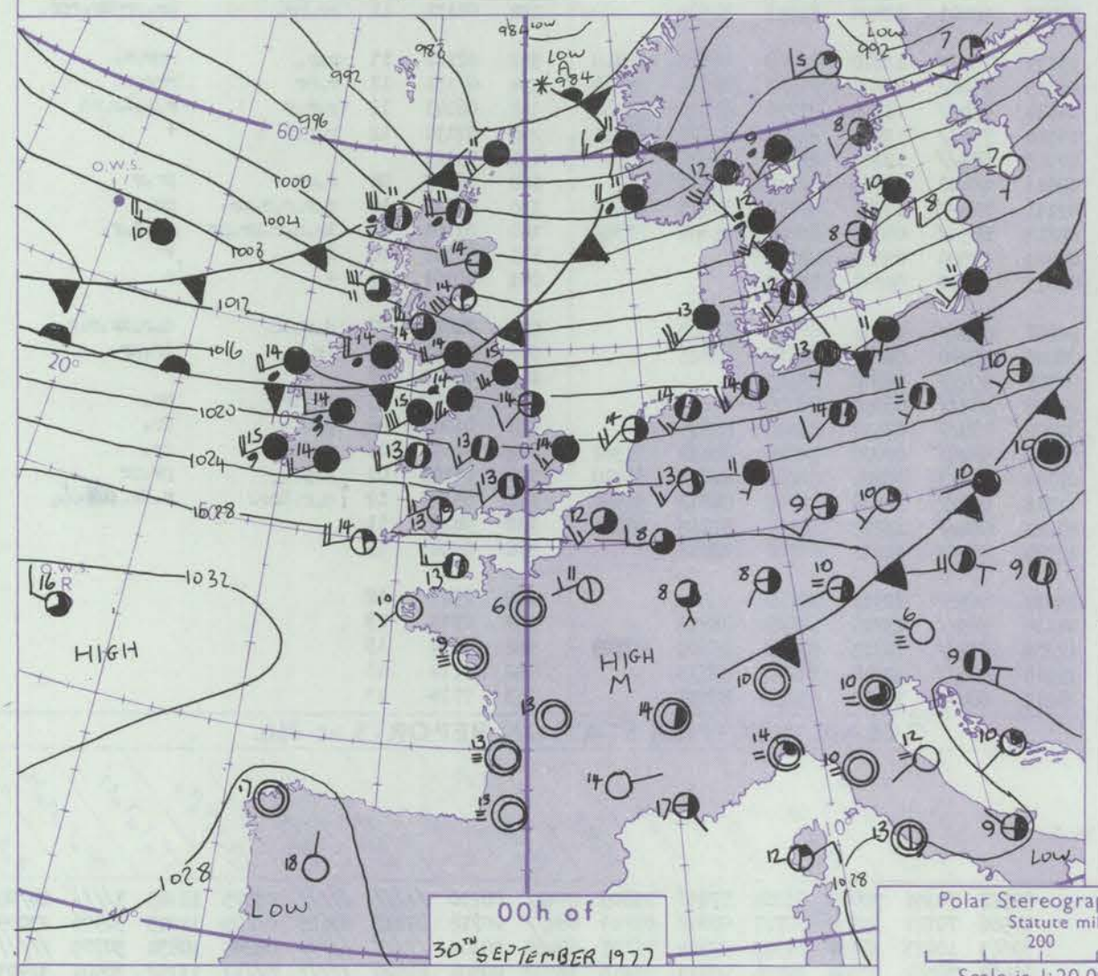
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29181	83305	96515	15611	864//	00220	88710	/////	05210	11190	30201	24009
L	99566	70182	29184	62730	98808	06510	53460	61250	83915	/////	0//07	11227	31016	23012
M	99662	10021	29184	71532	97258	75007	69460	41720	/////	/////	05205	10843	30908	/////
R	99470	70170	29184	32610	98010	33016	34500	00610	82820	83630	0//12	11726	30000	31903

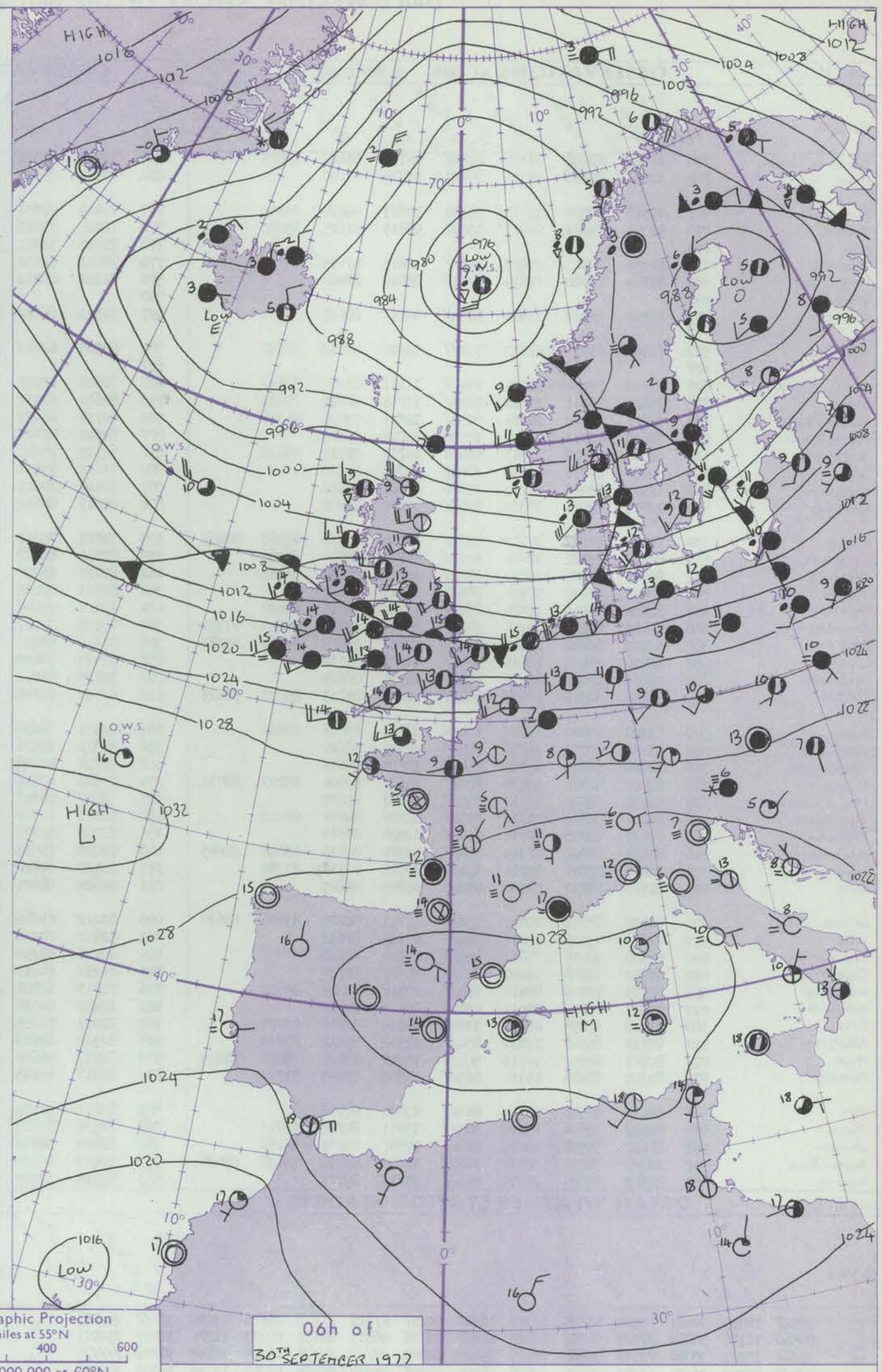
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 30 SEPTEMBER 1977

During the past 24 hours a deep complex low pressure area to the north of the British Isles maintained a strong westerly airstream over all areas with frontal troughs crossing central and northern districts. During the next 24 hours the depression to the north of Scotland is expected to move very slowly east whilst a frontal trough moves south over southern districts of England and Wales bringing a northwesterly airstream to all parts of the British Isles.

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

Code FM 11.V

OBSERVATIONS at 00h. 30 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	62510	82022	24311	65501	09710	86627	83075	
Hurn	862	12511	80011	25313	15601	11715	81630		
Manston	797	72316	70022	23013	25531	10813	82624	85365	
Gatwick	776	32311	70011	24411	15502	09815	81625	83075	
Kew	775								
Heathrow	772	72311	75022	23413	756//	10813	87635		
Honington	586	82216	70022	19614	8091/	09819	88464		
Wattisham	590								
Gorleston	497	82317	66022	18914	8092/	09717	88458		
Aberporth	502	72422	66012	22313	754//	12609	85712	87657	
	627								
Filton	628	72618	70032	23214	754//	11711	83617	87634	
Rhoose	715	72620	70012	23114	784//	11718	82814	87634	
Hartland Point	703	62727	66022	24814	3253/	12713	83825	84360	
Mount Batten	827	12618	70011	27014	15500	12815	81625		
St. Mawgan	817	62513	70022	27613	654//	11711	82712	86616	
Scilly	804	32620	80031	28114	32500	12708	83820		
Culdrose	809	12513	75021	27713	15500	12812	81622		
Guernsey	894	72713	75021	29313	714//	10809	87814		
Elmdon	534	72316	81022	19713	3577/	09716	83656	83362	87464
Cardington	559	82318	75022	20714	4567/	10717	84640	88362	
Wittering	462	82417	66022	19013	3571/	10717	83650	88462	
Watnall	354	82412	68032	17514	854//	10715	88617		
Shawbury	414	82524	75212	18514	854//	11711	82615	88620	
Finningley	360	72413	80032	15715	5557/	09618	83624	84630	87359
Spurn Point	396	52312	66022	15314	25578	10712	82625	84360	85275
Leeming	257	82416	65022	11915	854//	11808	88618		
Tynemouth	262	72518	69022	08315	6557/	11720	86625		
Carlisle	222	82622	60216	10214	854//	12617	83713	85717	88623
Valley	302	82329	65022	17715	854//	12712	83616	88620	
Ringway	334	82420	80022	16815	855//	10615	88620		
Squires Gate	318	82424	60616	15314	854//	13714	88615		
Ronaldsway	204	82420	62616	14414	872//	12604	82704	85709	88712
Mull of Galloway	131	82430	80028	12213	855//	13502	83625		
Eskdalemuir	162	82118	58636	09312	873//	12809	84707	88712	
Prestwick	135	62725	60216	09714	624//	11400	86818		
Abbotsinch	140	82518	60606	07313	854//	10301	81715	83626	88645
Leuchars	171	32430	75016	02214	15430	08811	81714	83360	
Dyce	091	52519	84011	98914	55600	06605	85645		
Lerwick	005	82422	60216	89011	852//	11711	82705	83706	88614
Wick	075	72619	75606	95411	756//	09718	87632		
Sule Skerry	010	82528	58216	93611	855//	10705	88620		
Cape Wrath	049	82330	60606	94010	873//	08601	88709		
Stornoway	026	72728	70806	98411	784//	09316	85815	85628	
Benbecula	022	42529	75256	02411	43400	09316	84919		
Tiree	100	62728	62258	06211	33402	09219	81916	85070	
Aldergrove	917	82619	65606	12614	854//	12302	83612	88618	
Malin	980	82627	62256	10313	884//	10210	83714	85818	87645
Belmullet	976	82318	57605	15114	863//	13802	85708	87712	
Birr	965	82612	56585	18314	863//	13808	88709		
Dublin	969	82423	75606	15614	863//	13711	84708	88711	
Shannon	962	82617	30596	20014	872//	14807	85705	88709	
Roches Point	952	82322	70022	22314	7647/	12709	85715	85637	88460
Valentia	953	82322	60505	22215	863//	13813	88708		

OBSERVATIONS at 06h. 30 SEPTEMBER 1977

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	72412	81022	22211	6557/	09608	86626	86362	
Hurn	862	72311	80021	23213	15609	11807	81630	85168	
Manston	797	72414	78031	21012	10932	09000	81365	87075	
Gatwick	776	72412	75021	22411	25648	09605	82645	87275	
Kew	775	72213	78022	20013	55601	09607	85630	86075	
Heathrow	772	72313	82012	21313	35671	10605	83630	85360	86075
Honington	586	72314	80012	17814	1557/	09604	81622	84361	87465
Wattisham	590								
Gorleston	497	72313	66022	16914	7091/	10400	87458		
Aberporth	502	82525	62612	19613	854//	13713	86710	88630	
	627								
Filton	628	72618	65032	20814	754//	12712	82712	85615	87625
Rhoose	715	82619	62212	21414	853//	12610	81709	87613	88645
Hartland Point	703	82730	66022	22614	854//	12711	83712	88630	
Mount Batten	827	72614	70021	25014	65408	12709	83615	85630	86275
St. Mawgan	817	62515	75021	25113	46302	12610	84708	84070	
Scilly	804	72618	75021	25614	1557/	12610	81620	87460	
Culdrose	809	72414	70021	25513	35502	12809	83620	86072	
Guernsey	894	62613	80012	27113	654/2	10708	86618		
Elmdon	534	72415	75012	18314	5547/	11806	83712	84625	87360
Cardington	559	82515	66022	18914	5557/	11606	82625	84640	88362
Wittering	462	82419	66022	16914	45437	11710	84618	85360	88272
Watnall	354	82513	80206	15714	853//	12608	86708	88616	
Shawbury	414	82514	75606	17214	854//	13605	82711	84624	88645
Finningley	360	72415	82022	13015	35578	11717	83621	85465	87270
Spurn Point	396	82512	66022	13515	5552/	11303	85620	88460	
Leeming	257	82523	80032	10715	5557/	10304	85622	88462	
Tynemouth	262	12725	81021	07514	11540	10310	81820		
Carlisle	222	62719	65018	09913	58401	12804	81713	84623	
Valley	302	82421	60636	16114	7537/	13810	83708	86618	88458
Ringway	334	82312	58636	16013	7542/	13702	81712	87615	88530
Squires Gate	318	82518	62216	14414	6542/	14803	81710	86615	88460
Ronaldsway	204	72314	63016	13314	752//	13705	81704	84708	85711
Mull of Galloway	131	62520	74258	11913	685//	12103	83820	86625	
Eskdalemuir	162	42221	70016	08611	48400	08715	81710	83645	
Prestwick	135	72720	58258	09111	784//	11811	81710	84820	87650
Abbotsinch	140	72515	75038	07811	6853/	08803	82822	85650	87360
Leuchars	171	22420	84020	04211	25500	05320	82625		
Dyce	091	12622	86021	02011	18600	04217	81832		
Lerwick	005	83212	65206	90807	853//	07321	85706	88620	
Wick	075	52830	70216	98809	58400	06231	83710	83625	
Sule Skerry	010	82726	58258	98309	854//	08244	88615		
Cape Wrath	049	83232	60818	99308	895//	06354	88920		
Stornoway	026	72713	62808	02309	784//	07118	85815	85635	
Benbecula	022	72420	80258	04510	5845/	08000	82816	84650	87362
Tiree	100	72617	70258	07111	684/2	08804	82816	84635	87070
Aldergrove	917	82310	62646	11713	852//	12708	82705	84712	88620
Malin	980	82417	58606	09213	864//	12813	84710	87715	88650
Belmullet	976	82317	45615	11714	863//	14722	86706	88712	
Birr	965	82412	56615	15914	863//	12717	88708		
Dublin	969	82318	75606	14014	863//	13710	83707	88710	
Shannon	962	82422	30596	17214	872//	14713	82703	85705	88709
Roches Point	952	82219	65205	19914	864//	13614	84710	88713	
Valentia	953	82318	62105	20215	864//	13810	85711	88630	

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00110	09	+	+
Hurn	862	00121	10	+	+
Manston	797	00120	09	+	+
Gatwick	776	00111	09	+	+
Kew	775	00120	10	+	+
Heathrow	772	00120	10	+	+
Honington	586	00130	12	+	+
Wattisham	590				
Gorleston	497				
Aberporth	502	92131	12	+	ir.r.r.
	627				
Filton	628	97140	13	+	d.
Rhoose	715	97141	12	+	r.id.
Hartland Point	703	00140	12		
Mount Batten	827	97131	11	+	r.
St. Mawgan	817	00131	11	+	+
Scilly	804	00141	11	+	+
Culdrose	809	00131	11	+	+
Guernsey	894	00131	11	+	+
Elmdon	534	00130	12	+	+
Cardington	559	00130	11	+	+
Wittering	462	00130	12	+	+
Watnall	354	97130	09	ir.	ir.d.d.
Shawbury	414	92131	12	rr.r.	r.r.
Finningley	360	00140	11	+	+
Spurn Point	396			+	+
Leeming	257	00140	13	+	+
Tynemouth	262	00120	12	+	+
Carlisle	222	04131	11	rr.pr.	pr.prpRr.rpr.
Valley	302	02141	13	r.r.	rrr.r.
Ringway	334	07131	12	r.rr	rrr.r.
Squires Gate	318	06141	12	r.r.r	r.r.ir.rR
Ronaldsway	204	02131	12	r.r.r	+
Mull of Galloway	131	03121			
Eskdalemuir	162	06102	08	r.rr	pr.r
Prestwick	135	02111	10	d.r.r.r.pr.	pr.
Abbotsinch	140	01101	09	ir.d.r.pr.pr	pr.d.r.
Leuchars	171	97101	08	ir.	+
Dyce	091	00101	07	+	+
Lerwick	005	04072	07	d.r.id.	d.r.ir.r.r.
Wick	075	93081	06	ir.	ir.pr.
Sule Skerry	010	04072	07		
Cape Wrath	049	01042	05	ir.ir	pr.
Stornoway	026	01081	06	pr.	pr.
Benbecula	022	01091	08	ir.	pr.
Tiree	100	01101	09	prpr.	pr.pr
Aldergrove	917	05121	12	i d.r.irr.	r.Rr. [redacted] d.
Malin	980	9413	11		
Belmullet	976	0414	13		
Birr	965	0513	12		
Dublin	969	0313	13		
Shannon	962	0714	13		
Roches Point	952	9714	13		
Valentia	953	9714	13		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	30001	73504	98205	19908	76400	00217	87716	/////	05606	11178	3////	24/08
L	99566	70176	30004	82723	98258	08710	884//	61206	86813	88635	0//05	11276	31010	23007
M	99662	10022	30004	72119	97808	75906	79400	00209	/////	/////	05305	10848	30706	/////
R	99469	70170	30004	62709	98021	32616	58501	00806	81820	85633	0//12	11734	30000	31903

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	30061	83304	97616	21808	8742/	00210	/////	/////	05605	11165	3////	24/08
L	99566	70171	30064	62727	98028	05710	684//	00718	81817	83625	0//05	11243	30906	23009
M	99663	10023	30064	71925	97808	76107	69460	00302	/////	/////	05205	10834	30705	/////
R	99469	70169	30064	22714	98011	31416	18502	00504	81820	/////	0//12	11752	30501	31903

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