THE DAILY WEATHER REPORT

84

(INTRODUCTION)

1st July to 30th September, 1978

Stations published in the Daily Weather Report

METEOROLOGICAL OFFICE
Bracknell, Berkshire

1. HISTORY

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

2. FORM OF PRESENTATION

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

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h and 0600 h on the day of issue.

2. FORM OF PRESENTATION (continued)

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

3. NOTES

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

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

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

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

(v) Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read "The Practice of Weather Forecasting" which may be purchased from H.M. Stationery Office, 49 High Holborn.

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

4. EXPLANATION OF CODES AND SPECIFICATIONS

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

CODE FM 21 V—Ships								
$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Followed by first four groups as in **FM 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.
	96	Thunderstorm, slight or moderate, with hail* at time of observation.
	97	Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation. (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. 273 — MONTHLY SUMMARY — For SEPTEMBER 1978

CHANGEABLE, BUT DRIER IN SOUTH

On 1st September the airflow over the British Isles was mainly northerly. During the 2nd and 3rd an anticyclone drifted eastwards across southern districts whilst waving fronts affected northern districts. From 5th to 7th fronts moved eastwards across the whole country and established a mainly westerly airflow. A cold front moved southeastwards across the country on 10th/11th followed by a ridge of high pressure on the 12th. Thereafter southern districts were mainly affected by high pressure centred over France or southwest of Ireland, whilst fronts crossed northern districts. On the 27th and afterwards active fronts moved southeastwards across the country as a depression moved from south of Iceland into the North Sea. Winds were mainly strong northwesterly but easterly winds affected parts of Scotland on the 30th.

There was rain in many places on 1st September and in northern districts on 2nd and 3rd, when it was locally heavy in Scotland. Fog occurred in a few places in southern districts on the morning of the 3rd and again in southern and central districts on the morning of the 4th. For the next ten days periods of rain, sometimes heavy with thunderstorms, interspersed with sunny periods, affected all districts; some overnight fog patches also occurred. Thereafter, up to the 26th, it was mainly dry in southern districts with much sunshine and some early morning fog patches, whilst periods of rain interspersed with clear spells continued in northern districts with gales at times. Storm force winds affected northern and western Scotland on 16th with a gust of 90 kt reported at Fair Isle. A waterspout was observed off Jersey on the 26th. Unsettled weather affected the whole country from the 27th until the end of the month with periods of rain interspersed with sunny intervals, and with some occasions of heavy rain or thunderstorms and some strong or gale force winds.

Monthly mean temperatures were generally around average in all districts, but were about 0.5°C above average in Northern Ireland, southern Scotland and central England.

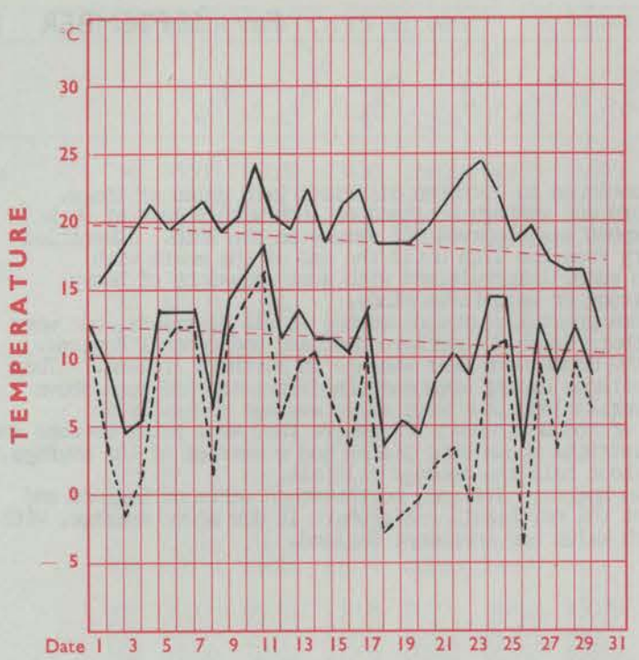
Total rainfall amounts for the month were near average in Northern Ireland. They were above average in most of Scotland, except some eastern districts, and much above average in western Scotland. Over England they were above average generally in northwestern districts and parts of the northeast; elsewhere they were below average and much below average in southern districts where some places had a quarter of the average rainfall. Wales generally had about half the average rainfall.

Sunshine was below average in Northern Ireland, northwestern parts of England and Wales, and most of Scotland except the northeast. Elsewhere it was above average, with the sunniest places being in South Wales and southwest England.

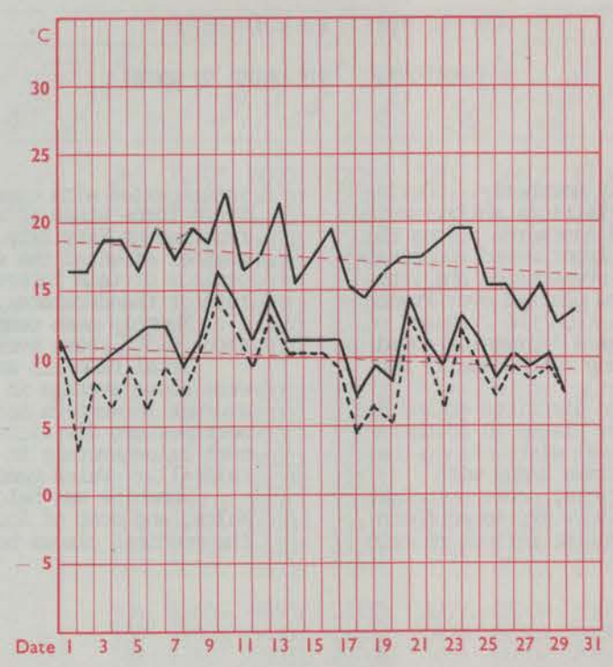
PLACE	TEMPERATURE										SUNSHINE										RAINFALL												
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total for month hrs.	% of average	Highest and lowest totals on record for month: First year of record	Highest hrs.	Year	Lowest hrs.	Year	Days of no rainfall (0·1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	Highest and lowest totals on record for month: First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or rain and snow	Days with fog (Vis. ≤ 200 metres at 09 h.)
Kew	19.3	+0.7	10.0	−0.4	24.4	23	02.7	26	06	00	00	10.9	16	170	119	1880	224	1911	064	1945	22	07	27	017	034	1866	145	1918	03	1959	00	00	00
Thorney Island																																	
Cardington	19.5	+0.6	09.6	+0.5	25.2	10	03.3	18	02	00	01	10.3	16	161	117	1949	192	1964	097	1967	22	08	27	023	050	1947	090	1960	01	1959	01	00	00
Boscombe Down	18.7	+0.6	09.2	−0.5	24.1	10	04.7	18	03	00	00	10.3	12	173	127	1932	241	1959	071	1945	20	09	13	021	033	1931	165	1974	03	1959	02	00	00
Rhoose	17.7	−0.3	10.7	0.0	20.6	16	05.9	03	00	00	02	10.8	03	190	142	1954	249	1959	074	1956	16	12	27	039	044	1954	223	1974	14	1959	00	00	00
Mount Batten	18.0	+0.5	10.9	−0.7	20.6	04	06.2	03	00	00	01	11.4	03	202	134	1921	265	1959	079	1956	20	07	05	023	026	1921	181	1974	00	1959	02	00	00
Elmdon	18.1	+0.4	09.9	+0.8	24.5	10	03.0	20	01	00	01	09.6	12	145	116	1945	185	1964	066	1945	21	09	13	033	059	1940	125	1976	03	1959	00	00	00
Valley	16.4	−0.5	11.8	+0.6	19.2	04	07.0	20	00	00	03	11.5	04	134	099	1946	214	1949	096	1948	17	14	27	051	057	1941	174	1950	21	1959	00	00	00
Ringway	16.7	−0.6	10.7	+0.7	21.8	10	07.3	30	00	00	04	09.4	17	084	071	1945	197	1959	069	1948	16	20	29	098	129	1942	171	1965	05	1959	00	00	00
Watnall	17.4	−0.2	10.0	+0.5	23.2	10	05.4	18	00	00	04	08.9	17	119	103	1948	165	1959	082	1972	18	15	05	045	075	1941	147	1957	02	1959	00	00	00
Finningley	18.0	−0.3	10.2	+0.4	24.4	10	05.8	18	00	00	03	09.3	(a)	138	110	1958	167	1964	076	1972	17	10	27	037	076	1958	130	1976	00	1959	00	00	00
Tynemouth	16.0	+0.1	11.1	+0.5	21.1	13	07.6	02	00	00	05	09.9	25	125	103	1936	174	1963	065	1976	13	17	05	061	108	1864	154	1944	05	1898	00	00	00
Eskdalemuir	14.5	−0.4	08.7	+1.4	18.0	23	01.6	20	02	00	07	08.2	(b)	083	086	1911	153	(d)	055	1946	05	24	28	162	107	1911	308	1950	18	1972	00	00	00
Abbotsinch	15.6	−0.7	10.3	+1.2	18.0	04	04.8	01	01	00	04	08.0	01	083	078	1921	152	1928	068	1965	04	29	09	145	140	1921	208	1950	11	1972	01	00	00
Leuchars	16.1	−0.1	09.5	+0.6	20.7	20	04.6	20	00	00	03	09.3	(c)	117	090	1922	179	1942	077	1956	14	14	28	052	090	1922	149	1950	05	1972	00	00	00
Dyce	15.6	+0.1	08.1	+0.1	21.2	20	−00.9	05	05	01	02	10.4	03	138	116	1941	170	1959	070	1968	13	18	28	063	094	1942	173	1976	15	1959	00	00	00
Stornoway	13.9	−0.5	09.6	+0.8	16.0	06	06.1	26	00	00	05	07.9	24	089	084	1880	175	1903	070	1965	03	19	12	170	160	1943	182	1948	34	1968	00	00	00
Aldergrove	16.1	+0.1	10.4	+1.1	19.6	21	06.5	04	00	00	06	09.3	04	092	088	1927	175	1933	070	1962	09	20	27	090	101	1927	152	1950	10	1972	00	00	00

(a) 17, 20
(b) 04, 25
(c) 25, 26
(d) 1933, 1959

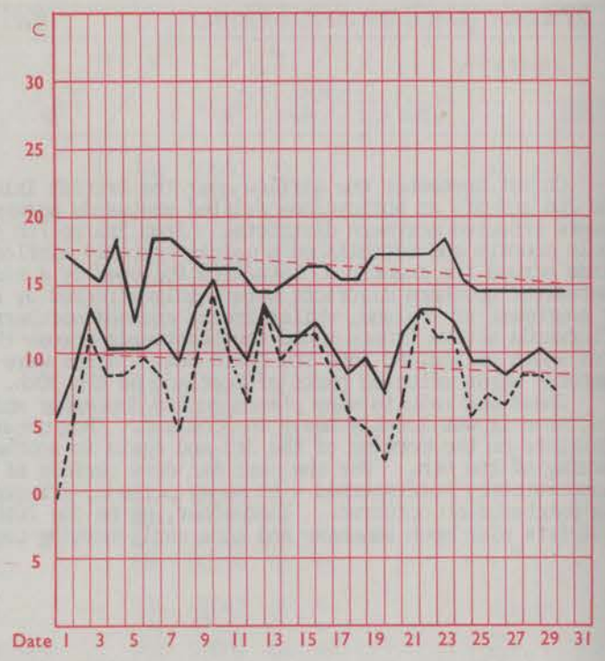
LONDON (Kew)



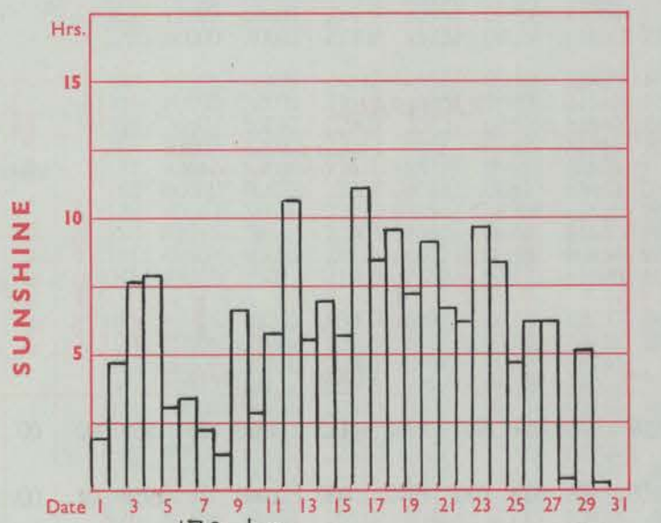
MANCHESTER (Ringway)



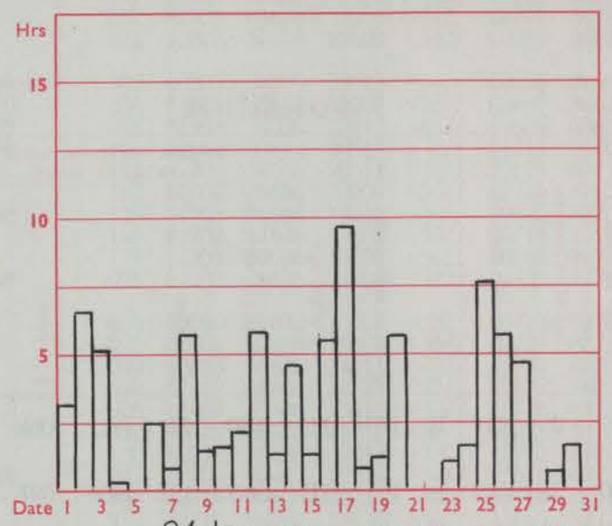
GLASGOW (Abbotsinch)



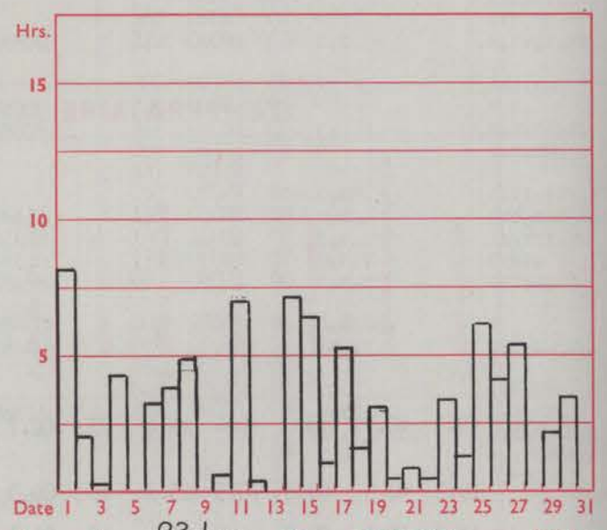
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)
Normals for Kew are based on North Wall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



Total for month 170 hrs 30-year (1941-1970) average 143 hrs.

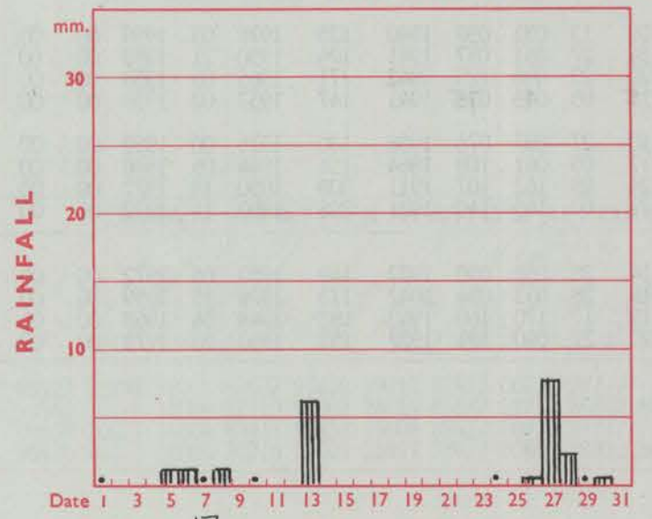


Total for month 84 hrs 30-year (1941-1970) average 119 hrs.

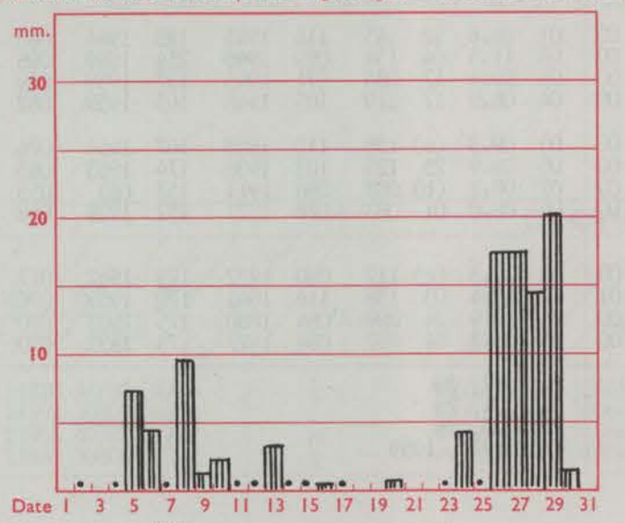


Total for month 83 hrs 30-year (1941-1970) average 106 hrs.

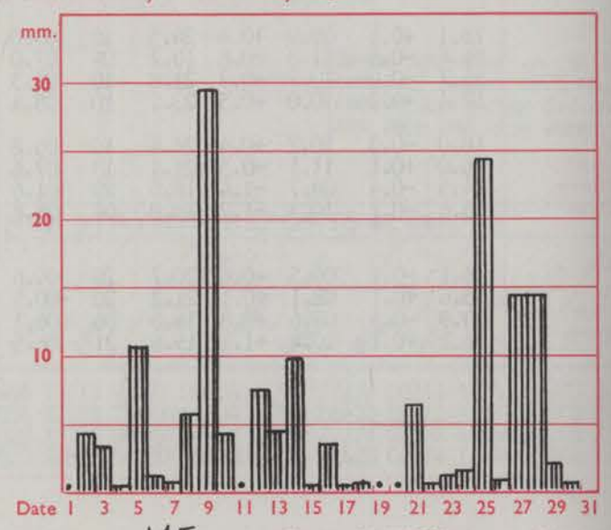
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 17 mm 30-year (1941-1970) average 52 mm.



Total for month 98 mm 30-year (1941-1970) average 76 mm.



Total for month 145 mm 30-year (1941-1970) average 104 mm.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42652

Date of Issue FRIDAY 1 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 31 August 1978

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	72707	80602	20015	3157/	08717	83825	87362	
Hurn	862	62707	70012	20216	1157/	07716	81825	86359	
Manston	797	82907	70026	19313	1147/	06810	81818	88464	
Gatwick	776	82809	64602	20114	3157/	06813	83828	85359	88460
Kew	775	82708	59616	20013	2552/	08712	82625	88460	
Heathrow	772	82807	60616	20113	2857/	09711	82826	88459	
Horsington	586	82710	48606	19112	3542/	07708	81615	83640	88458
Wattisham	590	82811	59602	19012	3852/	06711	81825	83640	88458
Gorleston	497	82710	48606	18112	874//	08711	88710		
Aberporth	502	83112	75025	21014	854//	11719	81715	88640	
Filton	628	72609	70022	20216	2857/	09814	82825	87360	
Rhoose	715	82913	81601	20515	7547/	10713	81715	86620	88359
Hartland Point	703	83608	82022	21714	886//	10710	84830	88635	
Mount Batten	827	63309	80021	21716	68531	11711	81820	86635	
St.Mawgan	817	73106	80021	22415	784//	12807	82818	87640	
Scilly	804	73606	82021	23517	785//	13706	82821	87630	
Culdrose	809	63407	75018	22217	68500	12711	82820	85640	
Guernsey	894	33209	75011	21616	10931	08708	83362		
Elmdon	534	82407	62606	19312	5547/	09715	81615	84630	87358
Cardington	559	82505	40636	18911	5552/	11816	82625	85645	88462
Wittering	462	82607	50636	18911	6532/	10710	82706	83707	88459
Watnall	354	82407	35616	18711	853//	10712	86706	88630	
Shawbury	414	82610	66606	18913	853//	10716	82707	83710	86614
Finningley	360	82706	59586	17911	853//	10814	81706	83710	88624
Spurn Point	396	82908	56616	18111	6552/	09712	86625	88560	
Leeming	257	82306	70616	16912	6542/	09820	81710	85645	88459
Tynemouth	262	72608	69026	16412	3567/	09618	83630	87358	
Carlisle	222	82402	63216	17211	853//	11717	86709	88614	
Valley	302	83014	60216	19914	853//	12708	81706	83709	88640
Ringway	334	82005	22596	18511	872//	11716	84703	86708	88712
Squires Gate	318	83111	45616	17913	853//	12714	82706	86610	88640
Ronaldsway	204	82610	68026	18713	853//	12710	82708	85710	88618
Mull of Galloway	131	83011	62026	17912	2732/	12706	82708	88458	
Eskdalemuir	162	82403	65036	16611	854//	10617	86711	88625	
Prestwick	135	82609	62026	16913	884//	12714	81710	84714	86625
Abbotsinch	140	82405	60106	16113	853//	13615	83707	87710	88630
Leuchars	171	72611	80026	14914	35432	11719	81710	83640	86360
Dyce	091	72804	82216	14114	754//	11714	85711	83625	87656
Lerwick	005	71506	84022	13711	6847/	08604	81812	86650	87358
Wick	075	82108	35586	13111	5532/	11610	83706	84620	88550
Sule Skerry	010	83416	66206	12512	863//	12501	88709		
Cape Wrath	049	83215	32526	14011	871//	11307	88702		
Stornoway	026	83413	57506	15912	852//	10215	82704	83708	86612
Benbecula	022	83418	75205	16912	853//	11213	84709	85616	88625
Tiree	100	73417	67506	16314	762//	14301	81704	87706	
Aldergrove	917	82611	70206	18813	863//	11713	81708	88711	
Malin	980	83015	68215	17715	7632/	13612	86709	83634	88460
Belmullet	976	82614	30586	21414	863//	14709	85709	88630	
Birr	965	82909	80022	21815	6647/	12809	84718	85633	88460
Dublin	969	82811	66586	20114	5547/	11711	83714	85630	88460
Shannon	962	83012	82026	22917	885//	10709	82820	83625	88635
Roches Point	952	72813	75012	22916	7843/	11813	83819	87637	87359
Valentia	953	83108	75022	24416	854//	11708	81718	88638	

OBSERVATIONS at 18h. 31 August 1978

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	73006	62016	17113	6563/	12709	86635	87359	
Hurn	862	83107	59506	17314	7552/	12711	83625	85635	86645
Manston	797	82405	45616	16511	6532/	10720	81708	86650	88458
Gatwick	776	82405	57216	16913	5552/	10713	83624	88459	
Kew	775	82306	50506	16612	853//	10814	81708	88625	
Heathrow	772	82303	40206	16712	853//	11713	81707	85618	88626
Horsington	586	82506	48586	15510	854//	09717	82711	88615	
Wattisham	590	82809	56586	15910	852//	09617	84705	88640	
Gorleston	497	82405	16636	15511	873//	10716	88706		
Aberporth	502	83012	65036	18314	854//	11713	81710	86615	88645
Filton	628	72909	70036	17514	785//	11712	82825	87630	
Rhoose	715	73007	70026	17914	784//	10610	81815	87622	
Hartland Point	703	83015	74032	19015	5865/	10811	81830	85635	88360
Mount Batten	827	73111	65026	19015	754//	11711	81712	85622	87635
St.Mawgan	817	83112	70038	19715	884//	11712	81813	83625	88640
Scilly	804	63310	82021	21016	68500	11713	82821	86630	
Culdrose	809	63311	65052	19915	68400	13712	83818	84630	
Guernsey	894	73014	78031	19015	753//	11712	82709	85614	87640
Elmdon	534	73011	60586	16213	753//	11610	85709	86618	87656
Cardington	559	82408	60106	15712	855//	11617	83625	88630	
Wittering	462	82807	37106	15312	853//	11717	82706	84708	88650
Watnall	354	62806	60056	15113	25532	11712	82625	86070	
Shawbury	414	73108	81026	16214	5843/	11710	82816	84625	87360
Finningley	360	72706	60046	14315	6844/	12614	84816	84626	
Spurn Point	396	82508	40036	14613	854//	11713	83715	88620	
Leeming	257	73008	84026	14015	785//	11607	82820	87630	
Tynemouth	262	80000	69028	13313	5567/	12712	85630	88358	
Carlisle	222	82605	56502	14214	853//	13710	82707	84712	86620
Valley	302	82812	64202	17014	853//	13715	81707	86613	88650
Ringway	334	82908	40516	16113	853//	12606	82708	86712	88618
Squires Gate	318	82815	56586	15614	873//	13712	84706	88712	
Ronaldsway	204	73112	62216	16014	752//	13612	81704	86710	87622
Mull of Galloway	131	73521	66515	15913	773//	13604	87708		
Eskdalemuir	162	62708	62206	13914	6543/	12709	84710	84628	
Prestwick	135	73315	67206	14614	752//	12807	81704	83713	85618
Abbotsinch	140	52907	80016	13715	58401	14607	82818	83626	
Leuchars	171	72708	65152	12516	785//	13707	84820	84635	86650
Dyce	091	73212	70216	13312	772//	11302	82703	86708	
Lerwick	005	81205	04516	11809	870//	09705	88701		
Wick	075	73218	65156	13011	5843/	09204	81815	83625	85650
Sule Skerry	010	73418	80025	13511	784//	08303	81815	87625	
Cape Wrath	049	83215	80025	15011	863//	07204	85708	88620	
Stornoway	026	73413	82026	17012	784//	08207	81818	87626	
Benbecula	022	83415	80602	17912	855//	08304	84620	88630	
Tiree	100	73517	82805	17612	784//	09306	85812	87625	
Aldergrove	917	73413	70156	17713	58431	12303	81710	83636	
Malin	980	73418	82026	18413	784//	09206	82714	85818	87635
Belmullet	976	73512	68016	20515	784//	12303	83716	85635	
Birr	965	82805	61606	19415	863//	13710	87708	88630	
Dublin	969	82710	56516	17515	863//	13608	85708	88715	
Shannon	962	82809	70505	20315	864//	14711	82710	85713	87716
Roches Point	952	73015	70012	20316	6547/	12712	81716	86637	87359
Valentia	953	83207	75022	22116	885//	13711	83823	88638	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_nE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	96171	001	r₀	d₀r₀
Hurn	862	97180	007	+	r₀d₀
Manston	797	03141	002	r₀r₀	rrr₀r₀ir₀
Gatwick	776	97150	012	r₀r₀	r₀r
Kew	775	91140	001	r₀r₀	r₀r₀d₀
Heathrow	772	93141	001	r₀r₀	r₀r₀d₀
Horsington	586	03121	000	r₀rr	rrr₀r₀d₀d₀
Wattisham	590	02121	000	r₀r₀rr	rrr₀d₀r₀d₀r₀
Gorleston	497		000		
Aberporth	502	97141	000	id₀ir₀	d₀d₀
Filton	628	91171	018	r₀	r₀
Rhoose	715	97170	025	ir₀	ir₀
Hartland Point	703	00150	004		
Mount Batten	827	97170	034	r₀	r₀
St.Mawgan	817	97170	026	pr₀	+
Scilly	804	00170	017	+	+
Culdrose	809	00170	019	+	+
Guernsey	894	97170	096	+	d₀r₀
Elmdon	534	92141	000	r₀r₀–r₀d₀r₀	r₀d₀r₀d₀r₀ir₀
Cardington	559	03131	000	ir₀r₀r₀rr	r₀r₀
Wittering	462	05121	000	r₀r₀rr	r₀r₀d₀
Watnall	354	05131	000	rrr₀	r₀
Shawbury	414	01141	001	r₀r₀rR	r₀r₀
Finningley	360	04151	050	drdrd₀r₀rr₀	d₀r₀
Spurn Point	396			ir₀r₀r₀irir₀	ir₀
Leeming	257	02171	005	rrr₀	+
Tynemouth	262	01141	000	+	pr
Carlisle	222	01151	000	rrr₀r₀	d₀d₀
Valley	302	93151	000	ir₀d₀r₀	id₀d₀d₀
Ringway	334	05141	000	r₀r₀drd	d₀r₀d₀d₀
Squires Gate	318	05151	000	rr₀d₀r₀DRir₀	ir₀d₀r₀DRdr
Ronaldsway	204	02141	000	drdrr₀	drid₀r₀r
Mull of Galloway	131	96141			
Eskdalemuir	162	92151	012	rir₀	d₀–r₀
Prestwick	135	92151	000	d₀rd₀	r₀d₀
Abbotsinch	140	92161	011	r₀r₀ir₀	jp
Leuchars	171	03171	009	+	pr₀prr₀
Dyce	091	03151	001	r₀r₀ir₀d₀r₀	d₀r₀d₀r₀drir₀
Lerwick	005	03111	004	id₀	r₀r₀rrd₀d₀ff
Wick	075	02131	001	r₀r₀d₀r₀drdr	drdrd₀r₀pr₀
Sule Skerry	010	93131			
Cape Wrath	049	04111	000	idrriF	id₀
Stornoway	026	97131	003	d₀r₀ir₀	pr₀
Benbecula	022	92141	000	id₀	ir₀
Tiree	100	97151	012	did₀	pr₀
Aldergrove	917	94151	003	d₀d₀id₀d₀r₀	id₀pr₀
Malin	980	0315	001		
Belmullet	976	9516	003		
Birr	965	9716	000		
Dublin	969	9716	000		
Shannon	962	9717	001		
Roches Point	952	0017	006		
Valentia	953	0018	011		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

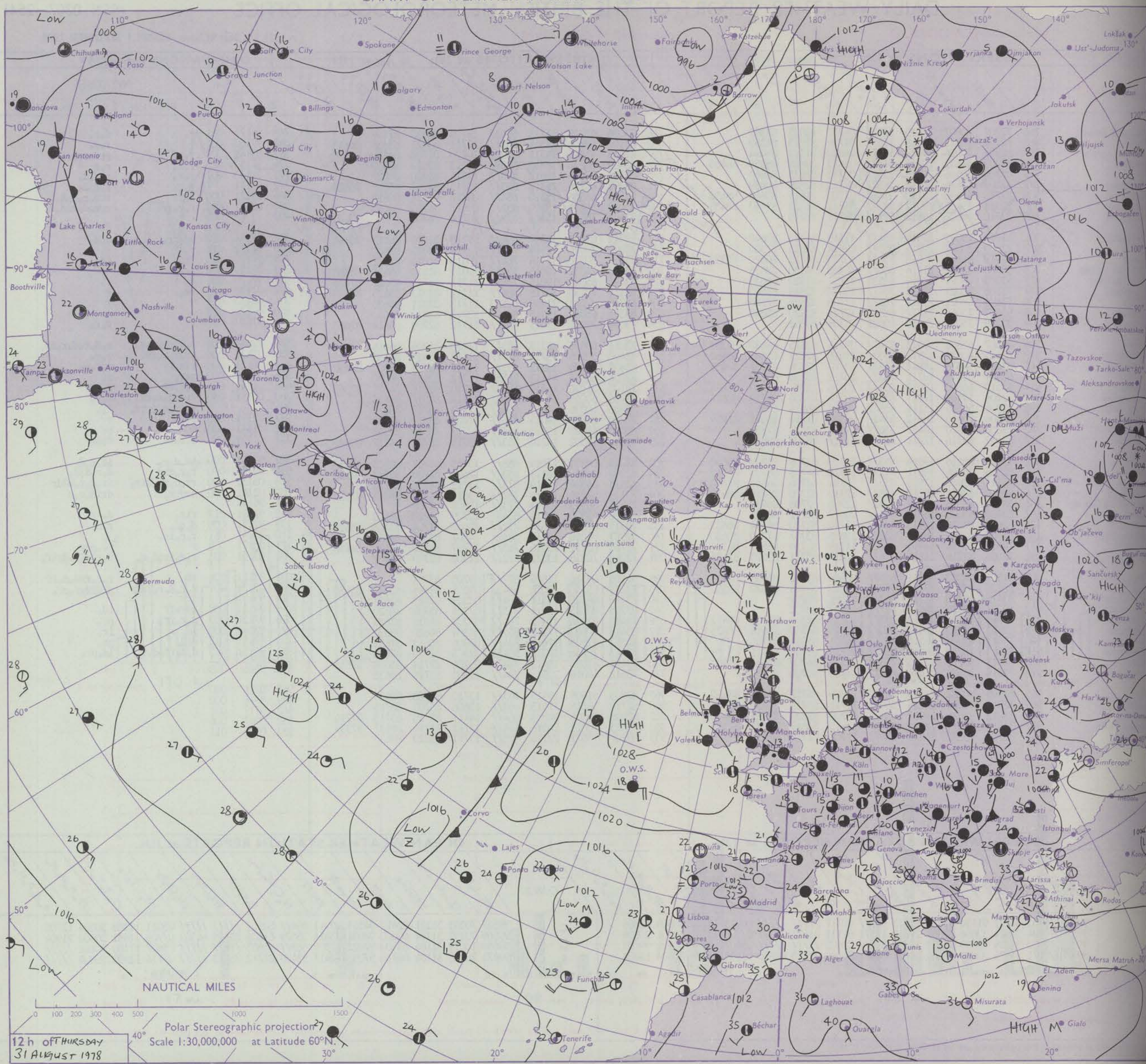
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	31121	91410	91474	12113	9////	00717	/////	/////	00213	11224	30504	12806
	99570	70184	31124	33606	98031	24812	15571	61111	81625	/////	0//08	11427	30201	20804
	99658	10020	31124	83308	97152	13308	894//	00603	/////	/////	05407	11067	30101	99/02
	99470	70171	31124	80818	97026	24617	884//	00708	82813	88620	0//15	11858	30804	13602

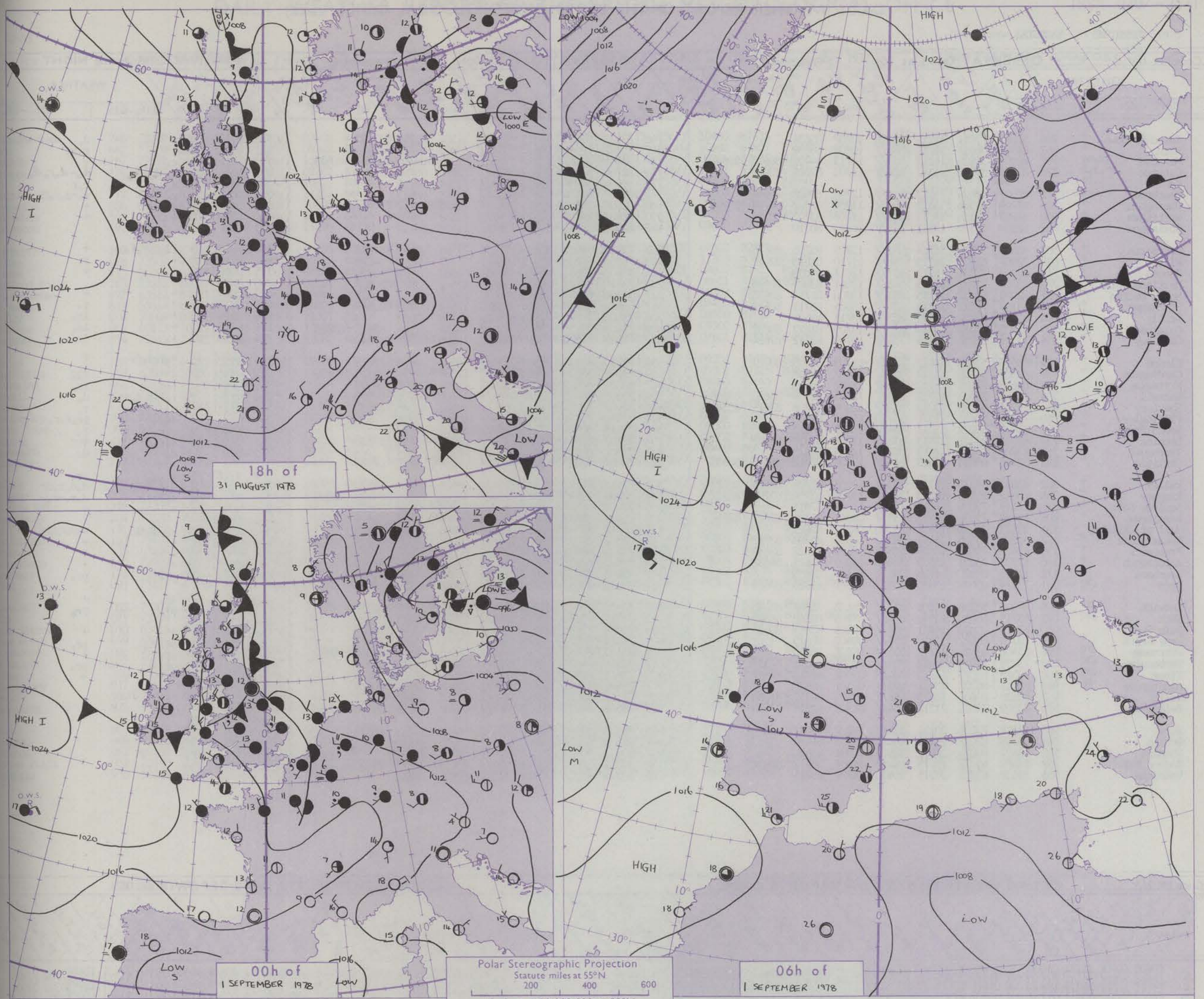
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	31181	82412	94514	09911	864//	00508	/////	/////	05011	11208	30504	12705
	99569	70192	31184	60000	98031	23614	35579	61806	83625	84362	0//09	11461	30000	21904
	99658	10019	31184	83408	97022	12709	863//	00603	/////	/////	05407	11100	30101	/////
	99471	70168	31184	60718	97038	22417	58480	21712	85813	/////	0//14	11895	30804	/////

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 1 SEPTEMBER 1978

During the past 24 hours an anticyclone remained slow moving to the west of Ireland. A depression to the east of Iceland moved steadily southeastwards, and its frontal troughs crossed all parts of the British Isles during the period.

During the next 24 hours the anticyclone will remain just west of Ireland and with a low pressure complex over the Baltic persisting, a northerly airstream will cover the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. 1 September 1978

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	52805	75031	16111	55600	10707	85634		
Hurn	862	82906	56051	16111	856//	10808	88639		
Manston	797	82805	30106	14212	853//	11713	84708	86615	88640
Gatwick	776	83005	57046	15312	854//	11708	82615	88647	
Kew									
Heathrow	772	82807	59026	15013	855//	12708	82628	88640	
Honington	586	82708	24506	13812	861//	11709	82702	86703	88705
Wattisham	590	82807	16106	14011	861//	11709	83702	88704	
Gorleston	497	82508	57516	13311	874//	10713	88710		
Aberporth	502	83315	58286	16714	852//	13708	85705	88615	
Filton	628	72807	65032	16213	756//	11710	81630	87650	
Rhoose	715	62907	70031	16313	657//	12811	86650		
Hartland Point	703	83008	72032	17215	885//	13811	83825	88634	
Mount Batten	827	82903	65032	17715	854//	13808	81714	88635	
St.Mawgan	817	83107	70022	18215	854//	13806	85711	88622	
Scilly	804	83209	82022	19315	855//	13711	88628		
Culdrose	809	83205	60052	18614	885//	13709	81822	88632	
Guernsey	894	73311	70036	17214	754//	10709	82712	87624	
Elmdon	534	82608	57586	14612	872//	12709	81705	88707	
Cardington	559	82507	50106	14312	856//	12807	88648		
Wittering	462	62605	35105	14112	656//	11807	86645		
Watnall	354	82606	20606	13912	853//	12705	82709	83630	88650
Shawbury	414	63211	66216	15013	653//	12604	82708	83615	85647
Finningley	360	12602	50111	13311	15700	10707	81650		
Spurn Point	396	83003	58202	13313	854//	12805	88619		
Leeming	257	62502	80031	12913	656//	11804	82630	86647	
Tynemouth	262	83206	49616	12613	8052/	12805	88525		
Carlisle	222	82905	60035	13813	854//	12500	82712	86616	88635
Valley	302	83510	68035	17112	853//	11003	82707	86614	88627
Ringway	334	83012	20595	14513	7622/	13706	83704	87708	88512
Squires Gate	318	73119	75036	14613	754//	11000	87615		
Ronaldsway	204	73116	75026	16012	753//	08002	81706	83622	87628
Mull of Galloway	131	23523	82015	16411	25500	08501	82625		
Eskdalemuir	162	80207	65506	14411	873//	10306	85708	88712	
Prestwick	135	43406	75021	16009	45541	07105	81622	83634	
Abbotsinch	140	52707	75031	15308	55500	06209	81625	84632	
Leuchars	171	32505	80028	14708	25632	05109	82635		
Dyce	091	73114	80028	13810	785//	07202	81820	87625	
Lerwick	005	80305	50206	12108	851//	08103	83702	88640	
Wick	075	63215	80258	13510	684//	09103	82818	86640	
Sule Skerry	010	83410	80022	14411	884//	10205	83815	88625	
Cape Wrath	049	83218	80022	15310	855//	09400	88625		
Stornoway	026	83408	80028	17111	855//	08201	88625		
Benbecula	022	73214	75016	18012	755//	08801	83627	87637	
Tiree	100	73515	82018	17912	784//	09802	81818	87637	
Aldergrove	917	83411	80028	18411	855//	07501	88620		
Malin	980	83620	80606	18813	864//	09500	84717	87628	
Belmullet	976	73509	76022	21212	754//	08301	82716	87635	
Birr	965	53207	70036	20111	556//	10207	85631		
Dublin	969	43209	82038	18511	45600	09303	84630		
Shannon	962	33507	80025	20112	35600	10001	83630		
Roches Point	952	72810	65012	19715	764//	14801	84712	87634	
Valentia	953	53507	65206	20515	56400	14707	85715		

OBSERVATIONS at 06h. 1 September 1978

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	73103	60015	14712	754/2	11502	82713	87632	
Hurn	862	73202	57616	14413	754//	13603	83712	87635	
Manston	797	83006	50052	12913	853//	12501	83706	85708	88613
Gatwick	776	82706	57206	13912	873//	12603	88708		
Kew	775	82604	56056	13813	864//	12604	88715		
Heathrow	772	82807	57106	13913	854//	12501	88615		
Honington	586	82608	28105	12312	861//	12505	88702		
Wattisham	590	82907	24102	12612	862//	12503	88703		
Gorleston	497	82906	16515	12112	864//	11400	88710		
Aberporth	502	73315	81022	16811	754//	07303	85615	87625	
Filton	628	73206	66036	15412	654/1	09302	84614	84620	
Rhoose	715	43403	70031	15910	38431	08305	81815	83628	
Hartland Point	703	73410	74022	16214	786//	12502	83830	86637	
Mount Batten	827	53206	60012	15915	58430	13605	82715	84632	
St.Mawgan	817	53508	62212	16714	55300	12603	82708	83635	
Scilly	804	73506	70016	17515	755//	14709	87623		
Culdrose	809	73409	57205	16914	782//	14604	81705	83815	87625
Guernsey	894	73209	70022	15814	753//	12606	81708	87640	
Elmdon	534	72910	68036	14311	754//	08301	81615	87618	
Cardington	559	82708	35606	13313	882//	12500	84704	85620	88650
Wittering	462	63008	60012	13012	55302	11502	81707	84650	
Watnall	354	83205	56605	13412	853//	11500	86708	88620	
Shawbury	414	82907	78021	14611	854//	08502	82618	88630	
Finningley	360	73410	80211	13411	754//	10307	83614	87650	
Spurn Point	396	83115	40616	12113	864//	12502	88710		
Leeming	257	73107	80016	14311	754//	09204	81615	87630	
Tynemouth	262	22807	80016	14210	20930	06105	82358		
Carlisle	222	70000	82025	15111	784//	09303	81817	87630	
Valley	302	73414	81022	16412	754/2	08606	83618	86620	
Ringway	334	82906	25596	14211	4542/	11503	82711	84620	88540
Squires Gate	318	73408	68022	14113	684/1	11303	85612	84075	
Ronaldsway	204	73411	84032	16111	58532	07302	83822	83628	85075
Mull of Galloway	131	53618	83031	16410	12506	08501	81820	85270	
Eskdalemuir	162	63502	84035	15607	25632	05301	82635	83364	86074
Prestwick	135	70105	82031	16807	28542	05302	81820	87075	
Abbotsinch	140	72505	82031	16105	18532	05202	81820	86070	
Leuchars	171	42607	82030	14607	15641	05702	81630	83075	
Dyce	091	73212	75038	13710	754//	08302	82710	87614	
Lerwick	005	63405	70012	12208	684//	07301	81818	86635	
Wick	075	73315	75258	13910	784//	08302	82815	87640	
Sule Skerry	010	73416	70158	14611	6844/	08301	83815	86620	
Cape Wrath	049	83215	80022	15810	863//	08400	85708	88620	
Stornoway	026	83103	68802	17410	884//	09301	84816	86625	88635
Benbecula	022	73314	84028	18511	785//	08500	81825	87635	
Tiree	100	73615	82032	18011	784//	09301	82815	87637	
Aldergrove	917	73407	75022	18411	754//	07500	82714	86623	
Malin	980	73517	88026	18713	785/2	07301	81822	87635	
Belmullet	976	83508	74022	20812	864//	08701	85717	88636	
Birr	965	73505	83012	19711	754//	08804	83715	87633	
Dublin	969	83005	82021	18111	854//	08501	81718	88628	
Shannon	962	83602	80031	20511	856//	08201	88630		
Roches Point	952	53311	80031	19711	554//	09303	81716	85636	
Valentia	953	10304	75021	20411	11500	09301	81822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97111	06	+	d_o
Hurn	862	97101	06	+	r_or_o
Manston	797	97111	11	r_o	+
Gatwick	776	93110	11	d_o–r_o	d_o–$d_or_od_o$
Kew	775	92120	11	d_o	r_or
Heathrow	772	94121	11	r_o	r_o–d_or_oDR
Honington	586	97111	10	d_oid_o	+
Wattisham	590	00100	09	+	+
Gorleston	497				
Aberporth	502	94111	09	$ir_od_or_of_o$	+
Filton	628	97121	09	+	r_o
Rhoose	715	00100	05	+	+
Hartland Point	703	00130	12		
Mount Batten	827	00140	12	+	+
St.Mawgan	817	92130	10	+	r_o
Scilly	804	92140	13	+	ir_o
Culdrose	809	97130	11	+	id_o
Guernsey	894	97140	13	+	ir_o
Elmdon	534	92101	07	$d_or_od_or_o$	+
Cardington	559	01111	10	ir_o	ir_o
Wittering	462	97111	10	+	id_o
Watnall	354	97111	11	r_od_o	ir_o
Shawbury	414	01111	08	$r_or_od_od_or_o$	d_o
Finningley	360	97111	05	+	r_o
Spurn Point	396			id_o	$ir_or_or_o$
Leeming	257	93101	10	r_or_o	r_o
Tynemouth	262	02101	07	r_or_orr	+
Carlisle	222	97101	10	d_o	d_o
Valley	302	97110	09	+	pr_o
Ringway	334	03111	11	$d_od_odrd_o$	$d_od_or_odr$
Squires Gate	318	97111	10	$d_or_od_or_o$	d_or_o–r_o
Ronaldsway	204	00111	08	+	+
Mull of Galloway	131	00091			
Eskdalemuir	162	94071	04	r_o–d_odid_o	+
Prestwick	135	00051	50	+	+
Abbotsinch	140	00051	51	+	+
Leuchars	171	00051	02	+	+
Dyce	091	92091	06	pr_o	pr_o
Lerwick	005	01071	06	id_o	+
Wick	075	93091	07	pr_o	pr_o
Sule Skerry	010	93101	08		
Cape Wrath	049	00091	08	+	+
Stornoway	026	92091	08	pr_o	pr_o
Benbecula	022	97111	08	pr_o	+
Tiree	100	91111	10	pr_o	pr_o
Aldergrove	917	00101	09	+	+
Malin	980	9712	11		
Belmullet	976	0012	10		
Birr	965	9110	08		
Dublin	969	9710	06		
Shannon	962	9710	06		
Roches Point	952	0011	09		
Valentia	953	9310	07		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01001	81710	97606	12112	8732/	00108	82709	85614	00111	11214	3//04	14/04
L	99569	70199	01004	81610	98616	22812	853//	61704	85708	88620	0//13	11439	30201	32904
M	99658	10017	01004	83607	97502	12708	864//	00400	/////	/////	05508	11126	30000	99/03
R	99469	70169	01004	80620	97022	21517	855//	21805	88626	/////	04415	11855	30804	/////

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	01061	82408	96536	10212	864//	00500	88710	/////	00112	11192	3//02	///05
L	99568	70206	01064	72408	97036	21114	7543/	61607	82710	87625	0//12	11443	30301	31904
M	99658	10017	01064	73309	97158	12408	79400	00803	/////	/////	05308	11108	30201	/////
R	99467	70163	01064	81021	97026	19616	855//	31709	88626	/////	0//15	11865	30000	06804

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

42653 Date of Issue SATURDAY 2 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 1 September 1978

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	73209	83032	15015	785//	07802	84825	87635	
Hurn	862	73509	75036	15215	785//	09202	81822	84625	87640
Manston	797	73011	56052	12916	784//	13400	81710	84814	86650
Gatwick	776	73307	75032	14315	785//	09202	83822	87628	
Kew	775	83407	60021	14414	854//	10102	88615		
Heathrow	772	83107	62032	14415	854//	11202	88614		
Honington	586	83511	65026	13413	853//	10308	81709	87711	88618
Wattisham	590	73515	62216	12815	784//	11302	84814	86640	
Gorleston	497	83411	48516	12912	874//	11206	88710		
Aberporth	502	73516	87022	17613	755//	09105	83624	87628	
Filton	628	73507	83011	16015	785//	09000	81825	87635	
Rhoose	715	50106	82011	16215	58601	07801	81830	85634	
Hartland Point	703	73212	80022	17113	786//	08101	83830	86635	
Mount Batten	827	63512	84021	16416	65600	10001	86632		
St.Mawgan	817	53614	82011	17415	58400	08204	82818	85626	
Scilly	804	33609	80021	18718	38400	11301	81818		
Culdrose	809	40113	70011	17516	41500	12102	84820		
Guernsey	894	73514	78022	16016	783//	13000	82708	84812	85627
Elmdon	534	83204	64215	15313	884//	09105	81815	88622	
Cardington	559	83504	58056	14413	853//	11206	83708	85712	88620
Wittering	462	70110	75035	14214	784//	09204	83818	87645	
Watnall	354	73606	65026	14914	784//	08101	82818	87622	
Shawbury	414	63313	75015	15413	684//	11203	82816	86635	
Finningley	360	73210	82026	14515	58505	08603	83827	84636	85075
Spurn Point	396	53515	70026	13814	45570	07201	84620	83360	
Leeming	257	73513	89032	14815	78602	06302	82830	86640	86075
Tynemouth	262	73518	81021	14613	3353/	07304	83925	87358	
Carlisle	222	70107	84022	15915	68638	08301	83830	84638	87275
Valley	302	43515	83018	17615	48500	08203	84824		
Ringway	334	73206	72026	15615	58531	09301	82822	84650	
Squires Gate	318	73309	83016	16115	48502	09202	82820	83640	85075
Ronaldsway	204	73310	89032	17514	785//	08104	82822	84830	85656
Mull of Galloway	131	73521	83032	17414	6853/	10103	83820	84625	
Eskdalemuir	162	73406	85032	16012	785/2	05203	85825	84635	
Prestwick	135	63216	86012	17015	58532	09701	82825	85638	
Abbotsinch	140	72909	84022	16415	48532	08400	82828	83645	85075
Leuchars	171	73110	86021	15314	68632	06400	82830	86640	87360
Dyce	091	73111	82258	14411	784//	09302	81712	83816	87635
Lerwick	005	70303	84022	12211	784//	07702	81815	83622	87630
Wick	075	73319	82022	14313	584/2	06501	82818	85640	87072
Sule Skerry	010	83415	82808	15110	884//	09302	85815	88625	
Cape Wrath	049	53210	83012	15911	58500	09101	83820	85625	
Stornoway	026	73314	82028	17313	784//	07201	84819	85630	
Benbecula	022	73213	56808	18412	783//	10302	83708	85816	87624
Tiree	100	73316	84158	18513	784//	10102	82814	87635	
Aldergrove	917	73512	86022	19113	755//	07204	83623	86632	
Malin	980	73313	86022	19513	785//	07102	81822	87634	
Belmullet	976	73610	81012	21314	754//	09000	81719	87638	
Birr	965	73509	84012	20414	756//	08501	87633		
Dublin	969	73511	82022	18914	755//	07500	83625	87635	
Shannon	962	80103	84022	20915	885//	07701	83824	88630	
Roches Point	952	73110	80022	20214	784//	08502	81819	87634	
Valentia	953	50209	81021	21315	55500	09103	85627		

OBSERVATIONS at 18h. 1 September 1978

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	73305	62032	15115	756//	10400	87635		
Hurn	862	53504	61012	14915	58500	10102	81827	85640	
Manston	797	73509	70028	13715	756//	09206	82635	87645	
Gatwick	776	73004	50046	14714	756//	12203	83630	87650	
Kew	775	73603	62025	14715	755//	09302	82625	87640	
Heathrow	772	73304	59055	14615	785//	11303	82820	87635	
Honington	586	73406	84032	14113	785//	08203	82820	85630	87645
Wattisham	590	73509	80012	14213	655/2	07203	82628	86650	86075
Gorleston	497	73310	66035	13113	755//	09400	87625		
Aberporth	502	23417	84011	17213	21530	07603	82822		
Filton	628	70203	80021	15715	785//	11303	83825	87635	
Rhoose	715	52805	84031	15417	55501	09802	81625	85640	
Hartland Point	703	63515	80022	16614	686//	08601	83830	85635	
Mount Batten	827	73513	82031	16315	75600	10303	87635		
St.Mawgan	817	73513	84022	17314	755//	08400	87622		
Scilly	804	70211	81031	18415	755//	09500	87623		
Culdrose	809	70210	70021	17614	756//	09302	87630		
Guernsey	894	53411	80011	15814	58400	07601	81814	85628	
Elmdon	534	73210	68022	15114	785//	09201	81825	87645	
Cardington	559	73404	66022	14615	785//	09302	81825	87640	
Wittering	462	73606	70022	14614	756//	09203	87645		
Watnall	354	70304	65022	14814	756//	10102	81630	87640	
Shawbury	414	33412	75031	15713	28501	11304	81820		
Finningley	360	73308	81022	14714	757//	07102	87650		
Spurn Point	396	63418	66012	14013	685//	09000	82820	86640	
Leeming	257	70305	80012	14813	786//	08502	81830	87645	
Tynemouth	262	73614	69022	14813	6567/	08400	86630		
Carlisle	222	73205	86022	15014	786//	09505	81830	87637	
Valley	302	73411	84031	18014	785//	08501	81822	87630	
Ringway	334	73210	75022	15714	786//	07302	81830	87645	
Squires Gate	318	53112	82021	15815	58500	09701	81822	85640	
Ronaldsway	204	23212	84011	17113	28500	07501	81820		
Mull of Galloway	131	43420	83011	17312	48500	09500	81820	84625	
Eskdalemuir	162	62806	83012	15012	685//	08805	81824	85635	
Prestwick	135	23112	84011	16313	28541	09503	81826		
Abbotsinch	140	13012	83011	15114	18640	09604	81830		
Leuchars	171	72910	89022	14414	756//	07602	82635	87645	
Dyce	091	63213	82018	14011	38532	07501	81820	83625	86070
Lerwick	005	63312	82031	12010	684//	07400	81815	86630	
Wick	075	73317	75152	13910	5843/	07500	83818	84635	86359
Sule Skerry	010	73415	81018	15210	784//	08302	83815	87625	
Cape Wrath	049	43212	84011	16011	42500	07301	84820		
Stornoway	026	73308	83028	17012	785//	08400	83820	87640	
Benbecula	022	73114	82038	17813	784//	10000	81818	84630	85640
Tiree	100	73312	82038	17913	785//	10500	82820	87645	
Aldergrove	917	73310	84022	18612	754//	09803	81715	87628	
Malin	980	63116	86012	18913	685//	09503	82820	86640	
Belmullet	976	73508	82022	20614	755//	08706	81720	87636	
Birr	965	73409	83032	19415	756//	09504	87632		
Dublin	969	73308	80022	18614	756//	08301	87635		
Shannon	962	70104	87012	20115	756//	08701	87635		
Roches Point	952	73206	80022	19615	784//	08501	81819	87640	
Valentia	953	80606	86022	20515	55600	09603	85630		

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00150	018	+	+
Hurn	862	00170	018	+	+
Manston	797	97170	015	+	pr_or_o
Gatwick	776	97160	035	+	$d_or_o-r_o$
Kew	775	97150	018	id_o	+
Heathrow	772	97160	022	d_o	+
Honington	586	97151	001	id_oir_o	+
Wattisham	590	97160	010	ir_o	+
Gorleston	497		020		
Aberporth	502	00140	055	+	+
Filton	628	00170	050	+	+
Rhoose	715	00180	088	+	+
Hartland Point	703	00140	011		
Mount Batten	827	00170	086	+	+
St.Mawgan	817	00160	062	+	+
Scilly	804	00180	063	+	+
Culdrose	809	00170	074	+	+
Guernsey	894	97170	050	ir_o	+
Elmdon	534	91161	005	$d_o-r_od_or_o$	+
Cardington	559	97160	003	d_or_o	+
Wittering	462	97161	015	d_o	+
Watnall	354	00161	010	+	+
Shawbury	414	97161	030	d_o	+
Finningley	360	97161	024	r_o	+
Spurn Point	396			+	+
Leeming	257	00151	034	+	+
Tynemouth	262	00131	032	+	+
Carlisle	222	00151	032	+	+
Valley	302	97160	072	pr_o	+
Ringway	334	00161	030	+	+
Squires Gate	318	00161	066	+	+
Ronaldsway	204	00150	070	+	+
Mull of Galloway	131	00151			
Eskdalemuir	162	00141	046	+	+
Prestwick	135	00150	062	+	+
Abbotsinch	140	00171	080	+	+
Leuchars	171	00151	020	+	+
Dyce	091	97131	006	pr_o	pr_o
Lerwick	005	91131	030	+	ir_o
Wick	075	93131	020	+	pr_o
Sule Skerry	010	97121			
Cape Wrath	049	00111	054	+	+
Stornoway	026	92141	024	+	pr_o
Benbecula	022	91151	020	pr_o	pr_o
Tiree	100	93141	020	pr_o	pr_o
Aldergrove	917	00151	004	+	jp
Malin	980	0014	009		
Belmullet	976	0016	005		
Birr	965	0016	007		
Dublin	969	0016	009		
Shannon	962	9716	002		
Roches Point	952	0016	015		
Valentia	953	0016	075		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

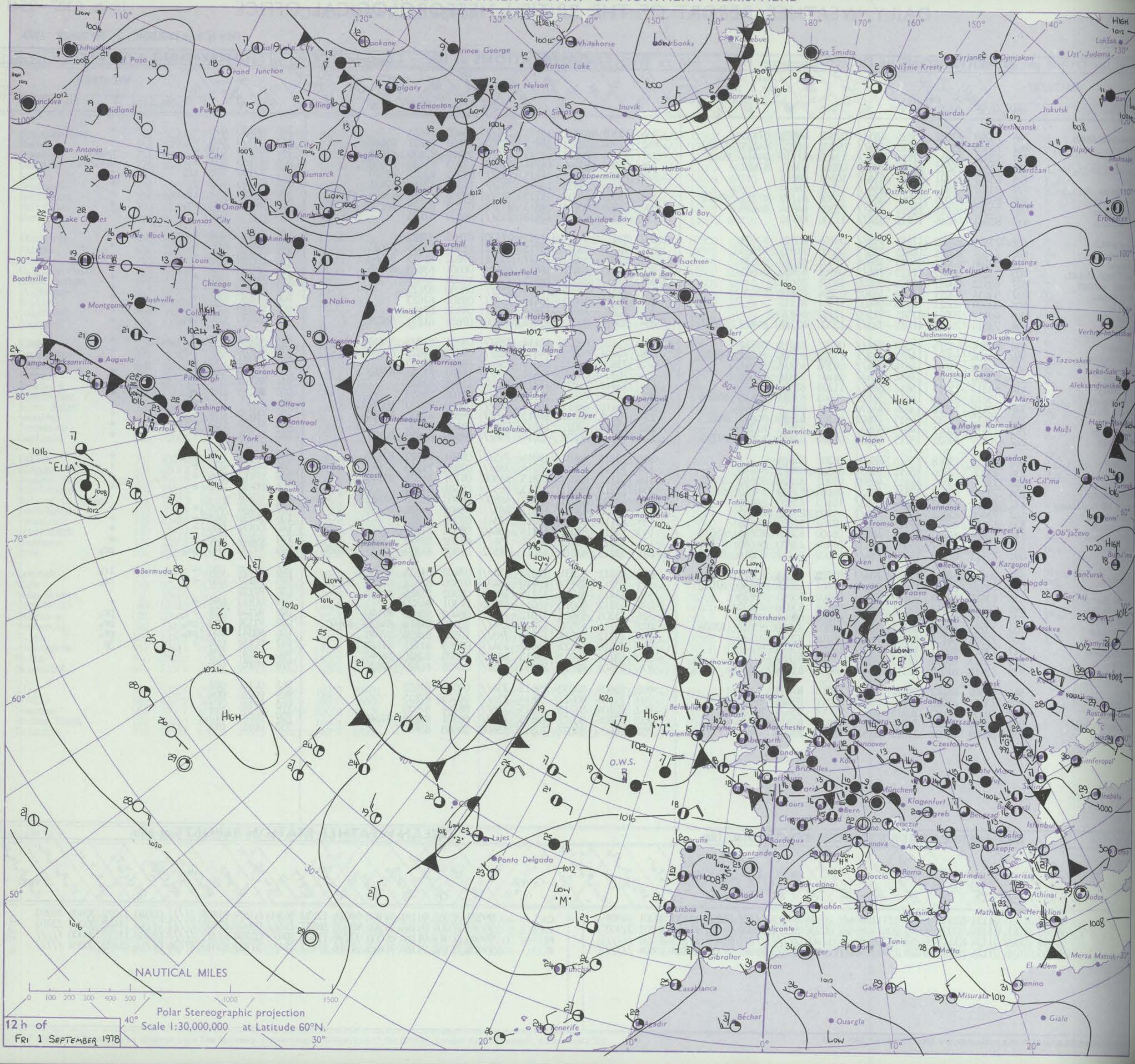
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01121	82606	98205	12711	864//	00106	88711	/////	05209	11233	30301	14904
L	99569	70206	01124	82008	98012	20614	854//	00506	82714	88630	0//11	11441	30202	31903
M	99659	10019	01124	83312	96258	12709	894//	12400	/////	/////	05409	11113	30202	/////
R	99465	70158	01124	80620	97028	19916	884//	21002	84813	88626	0//14	11848	30804	/////

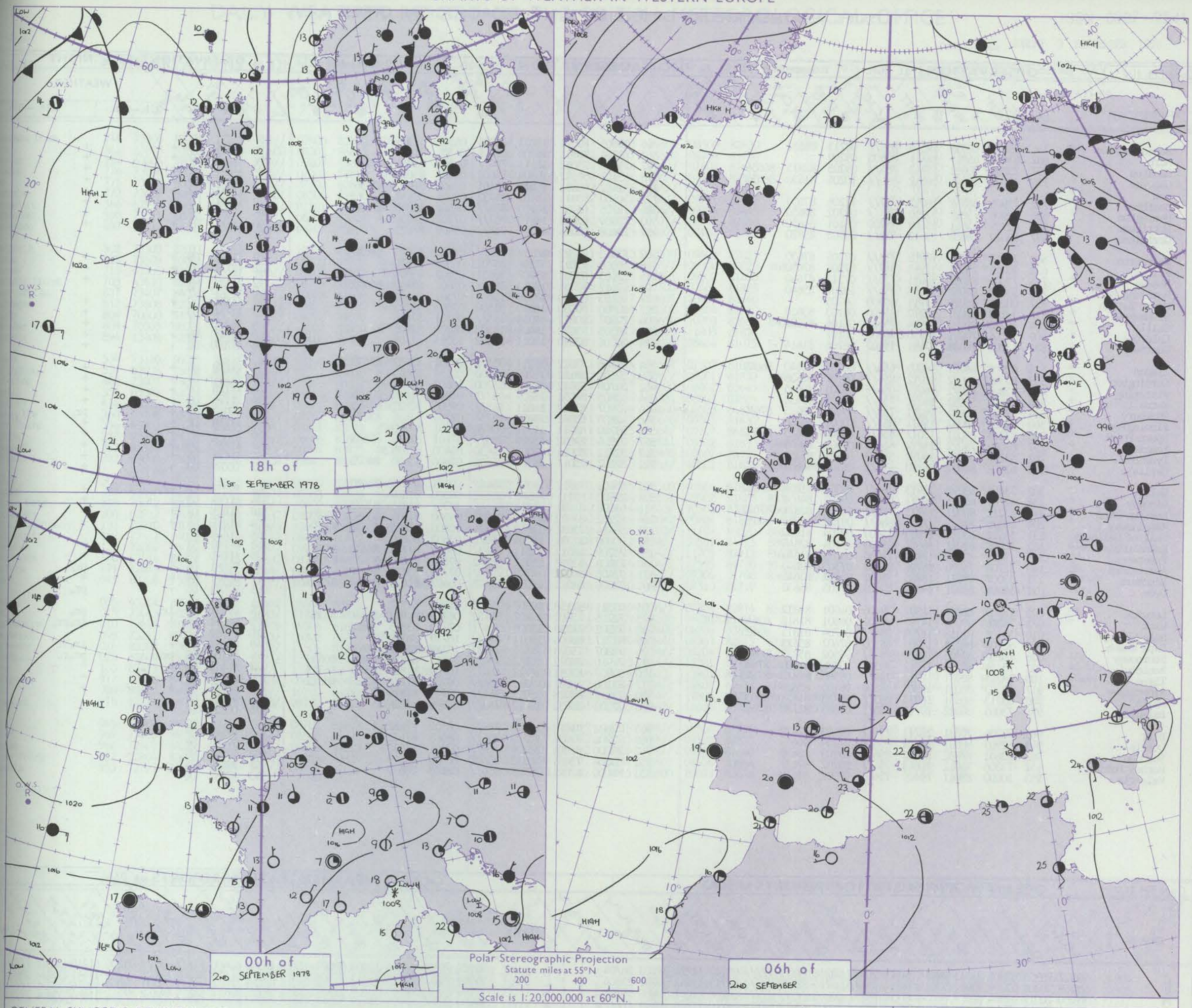
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01181	52108	98031	12512	56300	00709	85809	/////	00010	11222	30402	26903
L	99568	70204	01184	71908	98026	18614	756//	00609	87635	/////	0//13	11442	30201	23703
M	99660	10017	01184	80000	97258	11709	894//	00704	/////	/////	05208	11076	30000	/////
R	99462	70152	01184	70813	97028	17917	784//	31709	83813	87626	0//14	11833	30804	/////

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 2 SEPTEMBER 1978

During the past 24 hours the anticyclone has remained to the west of Ireland but it has declined a little. Pressure has remained low over the Baltic.

During the next 24 hours the low pressure area over the Baltic will persist. The anticyclone to the west of Ireland will move slowly southeast as troughs of low pressure move slowly east into northwestern parts of the British Isles.

Code FM 11.V

OBSERVATIONS at 00h. 2 September 1978

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	83308	60032	17210	856//	08213	88632		
Hurn	862	03402	65011	16711	00900	09209			
Manston	797	73206	70022	15213	784//	09205	82815	86656	
Gatwick	776	63102	58046	16012	656//	10204	81630	86650	
Kew									
Heathrow	772	72905	58052	16012	757//	11206	87650		
Honington	586	82906	75022	15010	857//	09202	88650		
Wattisham	590	42909	65011	15109	45700	08101	84650		
Gorleston	497	53010	66808	13812	525//	09400	85820		
Aberporth	502	73512	84021	18812	756//	07206	87630		
Filton	628	70302	75031	17911	757//	07207	87650		
Rhoose	715	73004	81031	18011	756//	07312	87640		
Hartland Point	703	53609	82031	18213	556//	10207	85640		
Mount Batten	827	00204	86021	17711	00900	09205			
St.Mawgan	817	30110	82021	18212	35500	08103	83620		
Scilly	804	70210	80022	19514	755//	08104	87626		
Culdrose	809	00206	70021	18910	00900	08107			
Guernsey	894	13208	78030	17111	11402	08206	81814		
Elmdon	534	62902	68021	16809	656//	08206	81640	86645	
Cardington	559	83502	66022	16012	856//	09107	88635		
Wittering	462	82805	65022	16011	856//	09205	88645		
Watnall	354	72903	57052	16011	756//	09002	87635		
Shawbury	414	72909	80021	16911	755//	09400	83625	87640	
Finningley	360	82502	59042	15411	857//	09001	88650		
Spurn Point	396	83213	68021	15012	4557/	08000	84625	88360	
Leeming	257	82605	75022	15212	856//	08603	88645		
Tynemouth	262	53207	69022	15012	50930	08601	85358		
Carlisle	222	62602	80032	16110	656//	08306	86637		
Valley	302	73408	83028	18413	784//	09302	81818	87632	
Ringway	334	42702	62011	16711	45700	09302	84650		
Squires Gate	318	73212	80021	16713	785//	09202	82821	87643	
Ronaldsway	204	63208	84031	17812	684//	09102	82714	84819	
Mull of Galloway	131	13512	83011	17810	15600	09204	81630		
Eskdalemuir	162	20000	82011	16607	25600	06104	82640		
Prestwick	135	13409	80020	17109	15630	08203	81640		
Abbotsinch	140	22708	75030	16708	25600	07305	82640		
Leuchars	171	33007	86011	15808	35600	05207	83645		
Dyce	091	53009	82031	14809	55600	07103	85630		
Lerwick	005	23209	82026	12307	28400	04601	81812		
Wick	075	73206	80038	14708	38402	06801	81818	83645	87070
Sule Skerry	010	53406	81018	15209	584//	06704	81815	85625	
Cape Wrath	049	52704	88011	16209	55500	07602	85625		
Stornoway	026	73206	62808	16810	784//	09502	85815	86630	
Benbecula	022	73114	80028	17312	785//	10706	81820	87632	
Tiree	100	73211	82031	17912	784//	09500	82818	87643	
Aldergrove	917	33503	80031	19309	35500	08105	83626		
Malin	980	83213	86031	18913	885//	09703	81821	88630	
Belmullet	976	73005	80022	20712	755//	09603	81720	87627	
Birr	965	73206	70031	20711	756//	09103	87630		
Dublin	969	62905	80031	19610	656//	07204	86645		
Shannon	962	83601	82032	21112	856//	09103	88630		
Roches Point	952	73306	75012	20613	756//	09202	87637		
Valentia	953	10000	83011	21409	15600	07002	81630		

OBSERVATIONS at 06h. 2 September 1978

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	23005	80021	17207	10931	06502	81365		
Hurn	862	23204	70111	16808	15601	06301	81645		
Manston	797	73207	75022	15113	784//	08301	81816	87650	
Gatwick	776	53102	56042	16309	55602	08302	85645		
Kew	775	52402	60021	16210	55601	08400	81640	85656	
Heathrow	772	30000	59011	16109	25732	08501	82650		
Honington	586	72705	65032	14910	786//	08502	81830	87650	
Wattisham	590	72809	62021	14910	757//	07702	87656		
Gorleston	497	72808	58028	14311	755//	09400	87625		
Aberporth	502	73413	84022	18112	785//	08703	81820	87630	
Filton	628	10000	75021	17508	15701	06502	81650		
Rhoose	715	33103	81031	17907	35631	05502	83640		
Hartland Point	703	63612	82031	17613	686//	05601	83830	86640	
Mount Batten	827	10103	88030	17710	15601	07301	81645		
St.Mawgan	817	30000	70030	18310	35500	07503	83623		
Scilly	804	70507	80022	19014	755//	09501	87626		
Culdrose	809	10305	75030	18409	15500	08204	81626		
Guernsey	894	20206	63020	17011	15302	10303	81709		
Elmdon	534	72808	72022	16211	755//	09501	81622	87633	
Cardington	559	52606	58102	15709	55600	09604	85645		
Wittering	462	52708	59012	15309	55700	08602	85650		
Watnall	354	52805	56051	15809	15771	07000	81656	83075	
Shawbury	414	72907	82022	16611	785//	09500	82822	87645	
Finningley	360	42805	60041	15409	15734	08304	81656	83075	
Spurn Point	396	33210	68011	14711	30970	09301	83360		
Leeming	257	72906	84032	15609	785//	07101	81820	87645	
Tynemouth	262	32712	80021	15208	25630	06400	82635		
Carlisle	222	52102	75011	16307	35632	07400	83640	84075	
Valley	302	63409	78011	18012	58442	09501	82814	85635	
Ringway	334	22502	60111	16609	18532	08500	81820		
Squires Gate	318	63508	81031	16612	48445	10301	84815	83075	
Ronaldsway	204	62202	82022	17611	28332	09500	81709	83360	85073
Mull of Galloway	131	53414	73031	17610	12574	10500	81825	83358	85075
Eskdalemuir	162	60000	81031	16704	656/2	03603	86640		
Prestwick	135	73209	68011	16811	7543/	09604	81712	86630	87650
Abbotsinch	140	72808	82028	15911	38442	09604	81818	83638	87072
Leuchars	171	72408	86021	14709	7563/	07706	83630	86650	
Dyce	091	73006	84021	14008	11478	06603	81816	84462	87270
Lerwick	005	43211	80158	10907	39401	05505	81912		
Wick	075	72705	75602	13407	58432	06711	81818	84650	86362
Sule Skerry	010	71802	74258	12609	58471	07720	83815	85625	
Cape Wrath	049	82717	80606	13011	874//	10719	88710		
Stornoway	026	72807	75028	14811	7843/	10710	82815	86634	
Benbecula	022	72910	80022	15812	784//	11812	81818	84624	86636
Tiree	100	72907	83031	16712	4847/	10709	81818	83637	86362
Aldergrove	917	83108	70201	18511	854//	09703	81714	83617	88623
Malin	980	72912	88028	18013	785//	09705	81820	87636	
Belmullet	976	72303	80032	19412	755//	09606	87626		
Birr	965	72802	81012	20010	756/1	08502	87632		
Dublin	969	72906	82031	18710	756//	08505	87635		
Shannon	962	70000	84031	20509	756//	07301	87630		
Roches Point	952	33004	75031	20510	35600	08500	83640		
Valentia	953	80000	83021	20509	856//	08603	88630		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	00	+	+
Hurn	862	00070	02	+	+
Manston	797	00110	09	+	+
Gatwick	776	00090	05	+	+
Kew	775	00090	03	+	+
Heathrow	772	00090	05	+	+
Honington	586	00100	09	+	+
Wattisham	590	00090	07	+	+
Gorleston	497				
Aberporth	502	00120	08	+	+
Filton	628	00080	51	+	+
Rhoose	715	00070	01	+	+
Hartland Point	703	00130	09		
Mount Batten	827	00090	02	+	+
St.Mawgan	817	00090	03	+	+
Scilly	804	00140	11	+	+
Culdrose	809	00080	05	+	+
Guernsey	894	00100	02	+	+
Elmdon	534	00091	04	+	+
Cardington	559	00090	07	+	+
Wittering	462	00091	07	+	+
Watnall	354	00081	03	+	+
Shawbury	414	97101	07	+	pr.
Finningley	360	00091	06	+	+
Spurn Point	396			+	+
Leeming	257	00090	05	+	+
Tynemouth	262	00081	05	+	+
Carlisle	222	00071	03	+	+
Valley	302	97110	08	pr.	+
Ringway	334	00081	03	+	+
Squires Gate	318	00110	07	+	+
Ronaldsway	204	00100	07	+	+
Mull of Galloway	131	00101			
Eskdalemuir	162	00031	51	+	+
Prestwick	135	00070	02	+	+
Abbotsinch	140	97081	05	+	pr.
Leuchars	171	00071	04	+	+
Dyce	091	97071	05	+	pr.
Lerwick	005	97071	04	ir.	pr.
Wick	075	96071	05	+	ir.pr.
Sule Skerry	010	01092	06		
Cape Wrath	049	03092	07	+	ir.ir
Stornoway	026	92101	09	pr.	pr.r.
Benbecula	022	00111	09	+	+
Tiree	100	00111	09	+	+
Aldergrove	917	00071	03	+	+
Malin	980	9712	09		
Belmullet	976	0012	10		
Birr	965	9710	07		
Dublin	969	9708	07		
Shannon	962	9709	08		
Roches Point	952	9710	04		
Valentia	953	9708	06		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02001	22611	98016	14311	20950	00216	/////	/////	05207	11224	3//03	26/04
L	99569	70206	02004	81910	97012	16814	856//	00710	88630	/////	0//13	11441	30201	23804
M	99660	10017	02004	80307	96258	11110	894//	00806	/////	/////	00208	11081	30000	99/02
R	99461	70147	02004	80814	97216	18015	884//	31602	83813	87626	0//16	11826	30804	/////

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	12808	98021	15111	15500	00400	/////	/////	05206	11210	3//02	//04
L	99569	70203	02064	81713	97505	13513	853//	00720	84707	88625	0//13	11441	30302	23805
M	99660	10018	02064	70308	97158	09810	78400	00708	/////	/////	05009	11076	30201	/////
R	99460	70145	02064	31014	97016	15517	38400	00715	82813	83626	0//16	11850	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

42654

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue SUNDAY 3 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 2 September 1978

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	73306	82021	17215	786//	07400	82830	87640	
Hurn	862	63005	81031	17416	64600	08101	86632		
Manston	797	63006	78031	16416	686//	03207	81830	86650	
Gatwick	776	73006	80031	16816	786//	07302	82830	86640	
Kew	775	73108	80021	16815	746//	07202	82830	87640	
Heathrow	772	73007	80021	16717	74601	08304	81830	86645	
Honington	586	62910	74011	15415	685//	07101	83825	84650	
Mattisham	590	73011	68031	15715	785//	06304	83828	86650	
Gorleston	497	53512	66022	15015	52500	06203	85825		
Aberporth	502	33309	82011	19014	38500	10301	83820		
Filton	628	73509	83031	18015	785//	08400	84825	86635	
Rhoose	715	63305	81011	18117	686//	08301	81830	86645	
Hartland Point	703	43610	89011	18714	38640	08705	81830	83360	
Mount Batten	827	73407	84031	18217	786//	10003	81830	87635	
St.Mawgan	817	73608	82011	19115	785//	09105	82820	86628	
Scilly	804	70000	81022	19716	756//	09202	87630		
Guldrose	809	70505	68021	18915	755//	11002	82620	87635	
Guernsey	894	13409	82010	18116	11400	08106	81818		
Elmdon	534	73110	66021	16814	785//	08201	82820	87635	
Cardington	559	63006	75022	16217	48602	07301	83830	83075	
Wittering	462	73007	75031	15915	786//	09301	84832	86645	
Watnall	354	63004	81021	16015	645//	08500	82826	86640	
Shawbury	414	73112	81018	17115	785//	08601	82823	87630	
Finningley	360	63108	83021	15316	686//	07705	85838		
Spurn Point	396	43303	75011	15315	48541	07001	83825	83635	
Leeming	257	73012	89031	15016	716//	06606	87840		
Tynemouth	262	63510	80021	14215	3353/	06707	83925	86358	
Carlisle	222	43008	75031	15216	38531	10610	83827		
Valley	302	53310	82031	18515	58402	09400	82818	84650	
Ringway	334	53410	82011	16616	48531	05503	81828	84645	
Squires Gate	318	73012	82021	17115	785//	10400	83820	87650	
Ronaldsway	204	62912	84012	17814	58432	09001	83816	85650	
Mull of Galloway	131	72910	81031	17613	685/3	12001	83820	84625	
Eskdalemuir	162	72811	84022	14814	62542	08708	86822		
Prestwick	135	72807	84022	16215	2857/	09707	81820	86362	
Abbotsinch	140	72514	84022	15115	68532	09708	84825	84657	
Leuchars	171	72613	86022	13015	6864/	08612	83830	85650	
Dyce	091	83108	75608	12012	883//	10711	81709	85640	88656
Lerwick	005	43214	89011	09811	48402	05604	83818		
Wick	075	73013	80258	10612	5843/	11712	84814	84630	86359
Sule Skerry	010	33615	81018	11911	12409	09304	81815		
Cape Wrath	049	73212	80216	12711	5633/	09302	85706	87360	
Stornoway	026	83308	70618	13511	7822/	11501	81705	87626	88460
Benbecula	022	62609	75205	13815	653//	13710	81708	86640	
Tiree	100	82413	50582	15213	852//	12709	83703	86707	88625
Aldergrove	917	72810	84022	18014	5543/	09603	82618	85628	
Malin	980	82617	86022	17214	6857/	10705	84821	88460	
Belmullet	976	62211	84012	18715	5853/	09702	81822	85642	
Birr	965	72507	84022	19715	785//	08702	82823	87636	
Dublin	969	73010	84032	18915	755//	08500	87629		
Shannon	962	72402	84022	20115	756//	07803	87633		
Roches Point	952	22804	80020	20115	28500	08703	82824		
Valentia	953	72703	75022	20015	756//	09704	87636		

OBSERVATIONS at 18h. 2 September 1978

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	23105	75011	16715	25600	08500	82630		
Hurn	862	13205	65021	16417	15600	08704	81640		
Manston	797	72804	65031	15616	756//	07603	87645		
Gatwick	776	73206	75032	16316	756//	08500	87640		
Kew	775	62805	68022	16116	656//	07400	86635		
Heathrow	772	72706	66022	16116	756//	09201	87632		
Honington	586	72505	66012	14714	756//	09704	87645		
Mattisham	590	72905	62032	15115	757//	08601	87650		
Gorleston	497	50000	66021	14815	5097/	07400	85360		
Aberporth	502	33306	89011	18113	38530	09603	82825		
Filton	628	73402	83022	16816	785//	09506	82825	86635	
Rhoose	715	22810	83011	17015	28601	09502	81830		
Hartland Point	703	23505	87020	17715	12530	07606	81825		
Mount Batten	827	63409	80031	17317	55601	10606	85640		
St.Mawgan	817	13406	82011	18214	18500	10604	81820		
Scilly	804	60404	84022	18715	25650	10703	82630	84365	
Guldrose	809	23606	70011	18015	28500	11803	81820		
Guernsey	894	13509	83020	17514	00902	08604	81075		
Elmdon	534	33307	70011	16414	24501	07502	81825		
Cardington	559	72908	66022	15715	786//	09501	81830	87645	
Wittering	462	52910	64012	15315	55600	08602	85645		
Watnall	354	22907	82011	15514	14531	08603	81824		
Shawbury	414	23411	82021	16314	28640	08503	81830		
Finningley	360	22809	80011	14415	18640	09505	81830		
Spurn Point	396	63107	72011	13815	6554/	09707	86625		
Leeming	257	72811	89022	13915	48641	09502	81830	84645	
Tynemouth	262	32615	81021	12316	30940	08607	83359		
Carlisle	222	72811	82031	14215	785//	10501	81825	83627	86645
Valley	302	32608	86031	17715	38500	09604	81828	83645	
Ringway	334	42910	82011	16314	38531	09502	81825	83365	
Squires Gate	318	72912	80032	16414	6853/	10503	83822	86640	
Ronaldsway	204	72609	84032	16514	48542	09604	81825	84635	85360
Mull of Galloway	131	73009	84022	16114	6853/	11707	83820	86625	
Eskdalemuir	162	82711	62508	14212	884//	10501	84715	88640	
Prestwick	135	82814	65022	14914	854//	11705	82712	86620	
Abbotsinch	140	82611	68032	13614	854//	12505	81710	85712	86715
Leuchars	171	73608	59606	12411	5537/	09306	81708	85620	87360
Dyce	091	13215	82016	12410	18430	07310	81710		
Lerwick	005	73412	80038	10110	784//	07304	82814	85625	
Wick	075	53410	87011	12909	38530	06210	81820		
Sule Skerry	010	33612	82020	13411	32400	06206	83815		
Cape Wrath	049	33604	84021	13910	22440	09303	82815	83360	
Stornoway	026	70703	70216	13911	754//	09204	81614	87635	
Benbecula	022	82712	70026	13713	854//	12301	82710	85618	88640
Tiree	100	72610	62206	14314	4522/	13802	81705	84620	87557
Aldergrove	917	72508	84022	16414	754//	11607	82618	87622	
Malin	980	82517	82028	16014	7547/	11606	83717	86645	88460
Belmullet	976	72111	82031	17115	6543/	11606	83719	85640	85359
Birr	965	72306	84022	18215	756//	10504	87636		
Dublin	969	72707	84022	17515	756//	09502	87632		
Shannon	962	72907	80032	18416	756//	09505	87640		
Roches Point	952	31909	81011	18714	35600	09506	83644		
Valentia	953	31903	81021	19015	35600	10603	83636		

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	082	+	+
Hurn	862	00180	080	+	+
Manston	797	00180	062	+	+
Gatwick	776	00170	071	+	+
Kew	775	00170	046	+	+
Heathrow	772	00180	046	+	+
Honington	586	00170	060	+	+
Mattisham	590	00170	050	+	+
Gorleston	497		072		
Aberporth	502	00140	097	+	+
Filton	628	00170	059	+	+
Rhoose	715	00170	081	+	+
Hartland Point	703	00150	080		
Mount Batten	827	00170	084	+	+
St.Mawgan	817	00160	062	+	+
Scilly	804	00180	014	+	+
Guldrose	809	00160	054	+	+
Guernsey	894	00170	123	+	+
Elmdon	534	00150	028	+	+
Cardington	559	00180	056	+	+
Wittering	462	00170	051	+	+
Watnall	354	00160	063	+	+
Shawbury	414	00160	034	+	+
Finningley	360	00180	073	+	+
Spurn Point	396			+	+
Leeming	257	00180	081	+	+
Tynemouth	262	00171	086	+	+
Carlisle	222	00181	056	+	+
Valley	302	00170	088	+	+
Ringway	334	00160	063	+	+
Squires Gate	318	00160	083	+	+
Ronaldsway	204	00160	042	+	+
Mull of Galloway	131	00160			
Eskdalemuir	162	97161	054	pr_o	d_od_o
Prestwick	135	00170	028	+	jp
Abbotsinch	140	00161	019	+	jp
Leuchars	171	01171	024	r_o	d_or_odr
Dyce	091	04131	021	$pr_or_or_orr$	rrr_o
Lerwick	005	91121	061	+	pr_o
Wick	075	02131	054	$prpr_o$	+
Sule Skerry	010	00120			
Cape Wrath	049	02111	063	ir	+
Stornoway	026	04121	000	rRr_or_o	ir_o
Benbecula	022	97151	006	id_o	id_oir_o
Tiree	100	93151	004	$pr_od_or_o$	id_oid
Aldergrove	917	97160	010	+	r_o
Malin	980	9716	001		
Belmullet	976	0017	035		
Birr	965	0016	008		
Dublin	969	0016	011		
Shannon	962	9717	032		
Roches Point	952	9716	111		
Valentia	953	0016	027		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

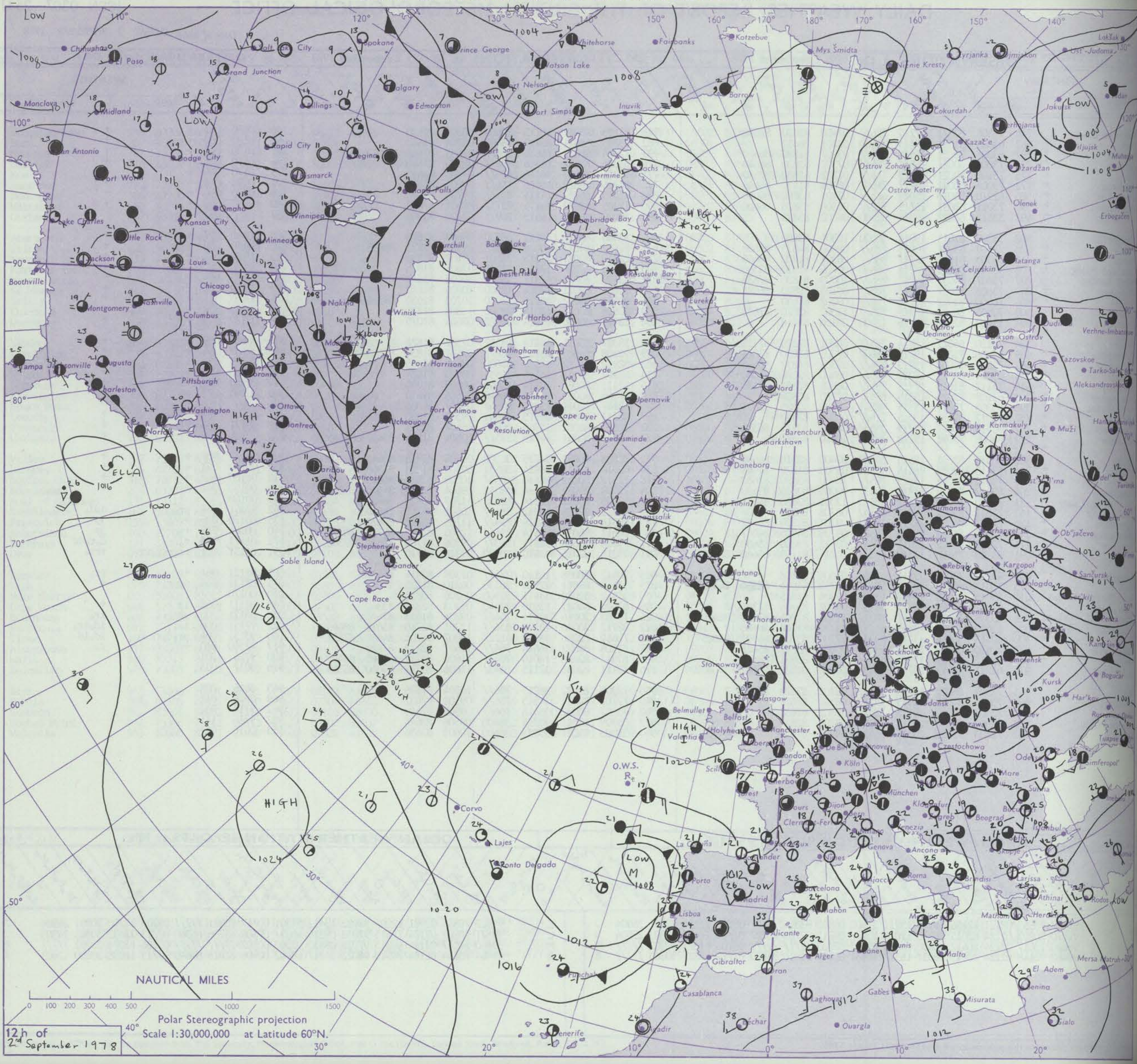
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02121	62406	98021	15911	31402	00803	83816	/////	05108	11214	30201	26904
L	99570	70203	02124	82015	96216	11014	852//	00712	82703	85707	0//13	11423	30303	25804
M	99660	10017	02124	80412	96808	09010	894//	00705	/////	/////	05108	11073	30302	/////
R	99462	70148	02124	70915	98031	16317	48431	00003	81816	84633	0//14	11825	30603	/////

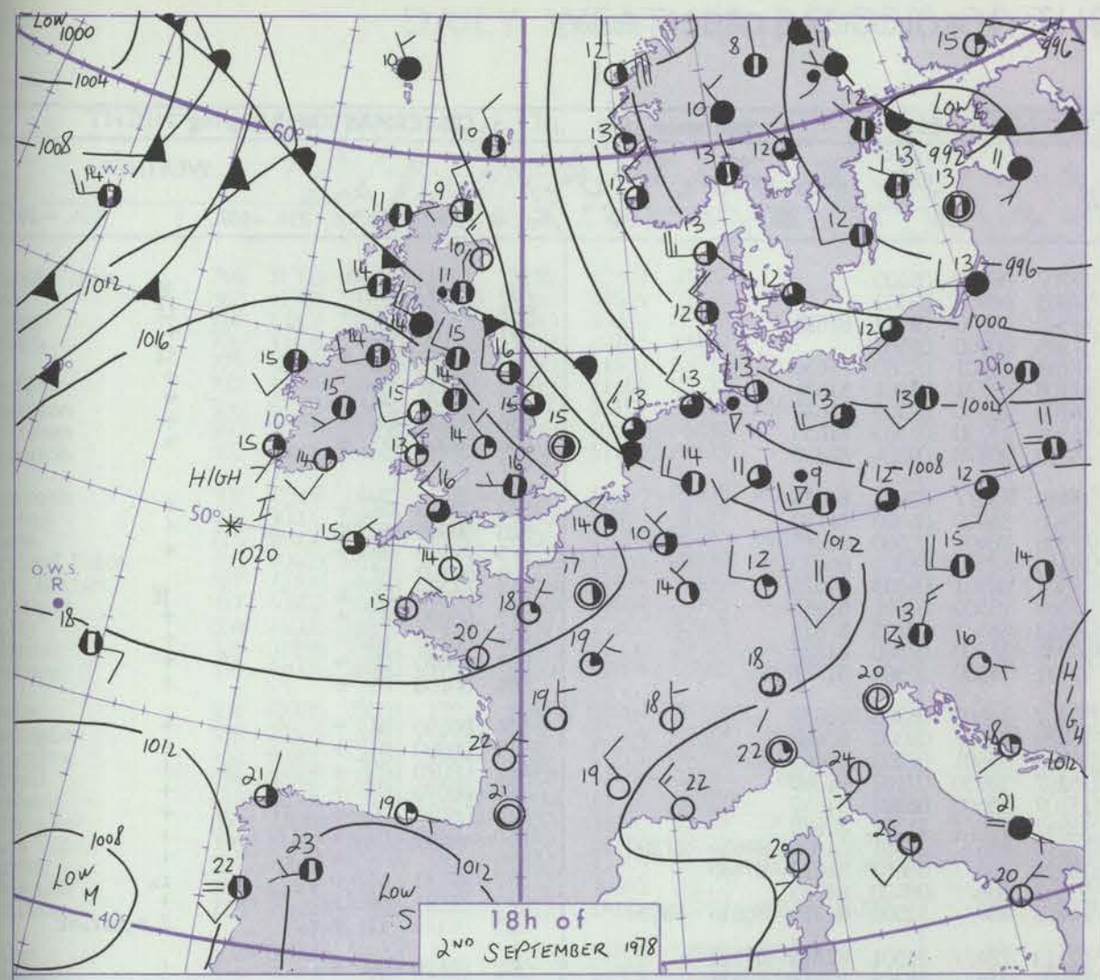
OCEAN WEATHER STATION REPORTS at 18h.

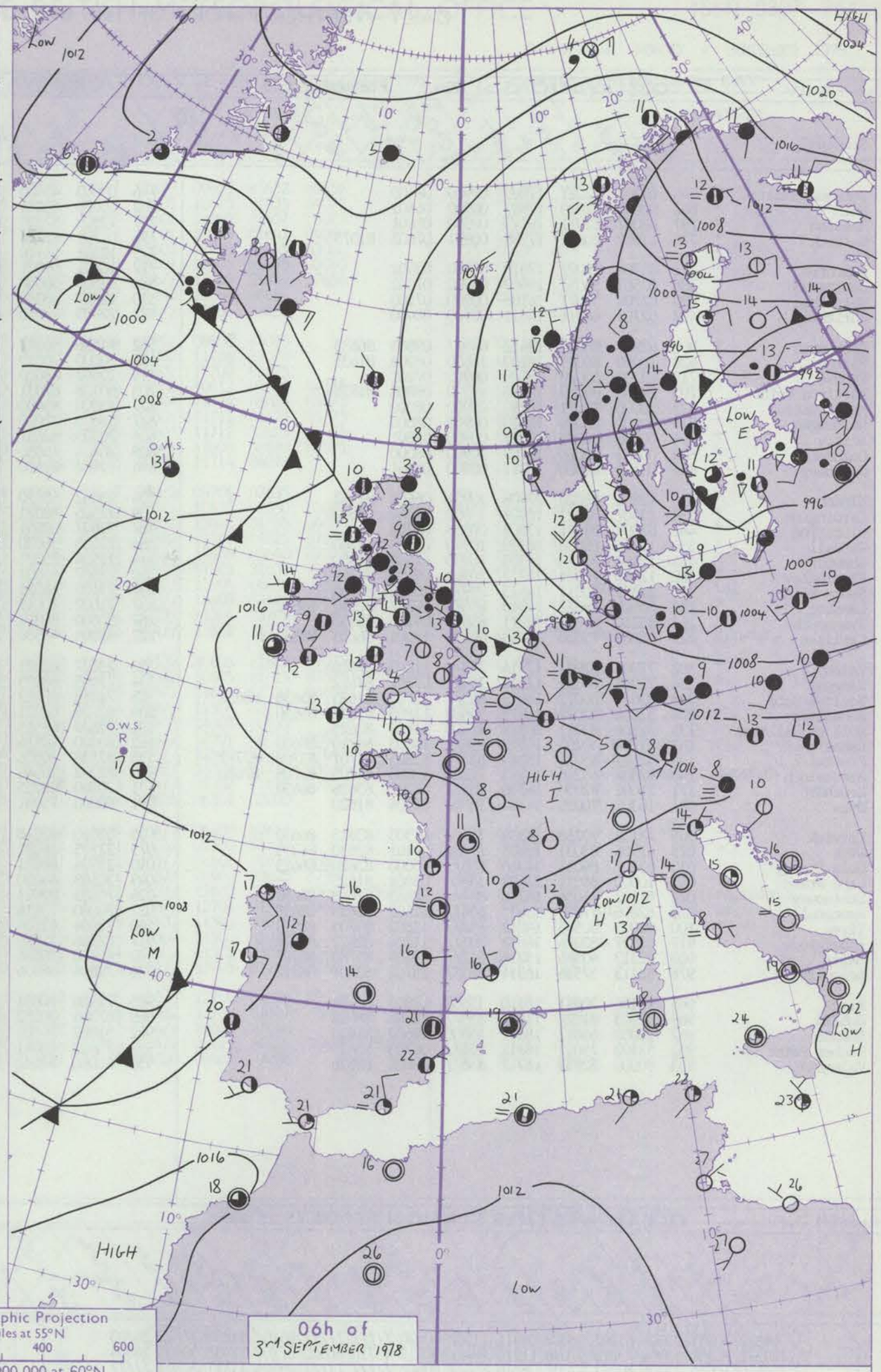
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02181	62005	98022	13412	51501	00717	85821	/////	05107	11240	30201	26904
L	99571	70201	02184	72515	97036	09214	6633/	00506	85706	86360	0//13	11432	30303	24905
M	99660	10017	02184	40315	97028	08810	32560	00802	/////	/////	05106	11074	30302	/////
R	99464	70154	02184	70910	98022	14817	68402	00606	81816	86640	0//15	11838	30000	12603

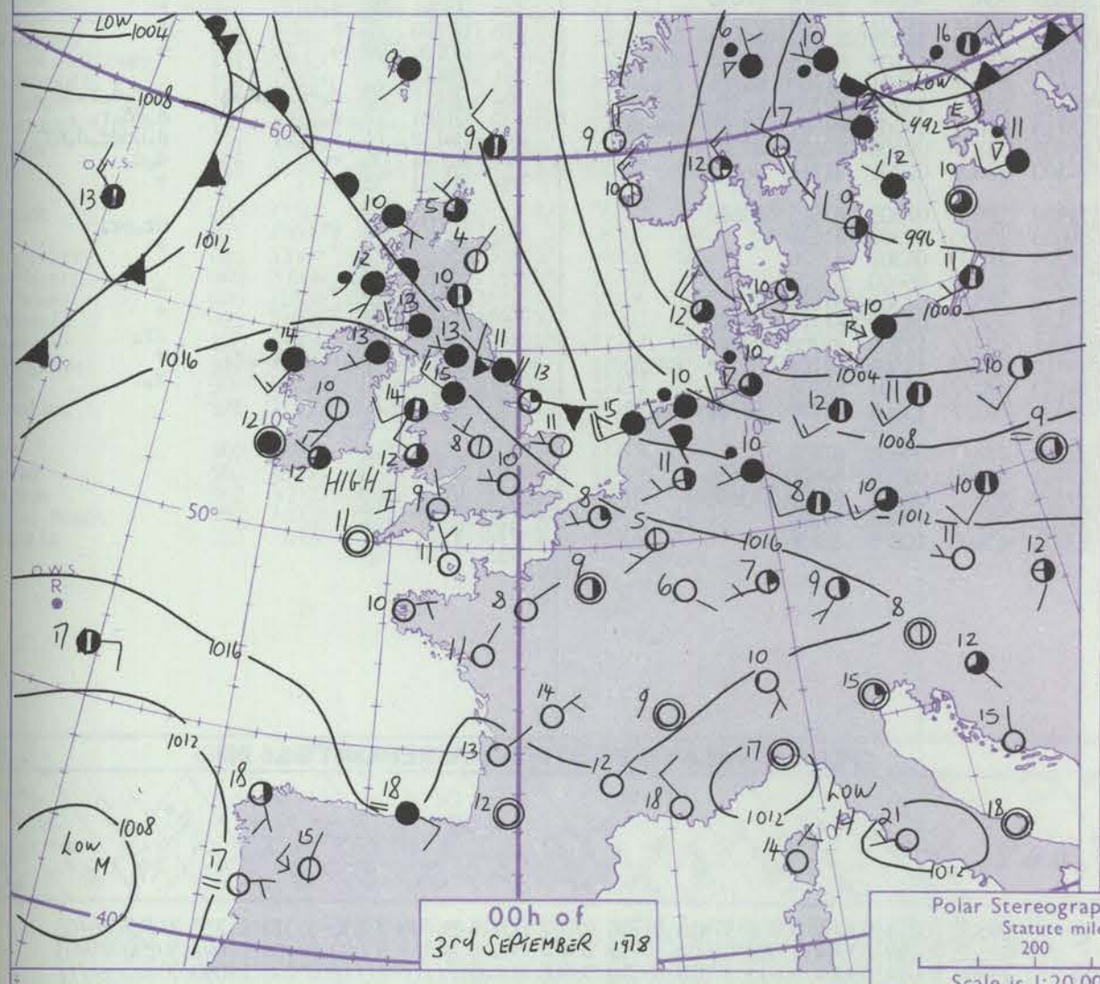
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 3 SEPTEMBER 1978

During the past 24 hours an anticyclone centred near southwest Ireland moved slowly southeast while an area of low pressure persisted over Scandinavia. A weak warm front over west Scotland extended southeastwards into southern North Sea.

During the next 24 hours the warm frontal zone is expected to persist over Scotland and near eastern coasts while a cold front moves southeast into west Scotland and Northern Ireland. The anticyclone is expected to continue moving southeast to eastern France.

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

Code FM 11.V — OBSERVATIONS at 00h. 3 September 1978

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	03302	62021	17609	00900	08400			
Hurn	862	00000	62020	17607	00900	06601			
Manston	797	03007	62011	16213	00900	08801			
Gatwick	776	11902	60031	17208	00901	07602	81075		
Kew									
Heathrow	772	02704	59021	17010	00900	09501			
Honington	586	02507	56051	15609	00900	07502			
Wattisham	590	02708	59021	16108	00900	07500			
Gorleston	497	02705	66011	14811	00900	08400			
Aberporth	502	62908	88031	18412	656//	09803	86633		
Filton	628	10000	80011	18210	15600	08203	81635		
Rhoose	715	03202	83020	18109	00900	07801			
Hartland Point	703	20205	89020	18113	11530	09802	81825		
Mount Batten	827	00000	75021	18210	00900	08000			
St.Mawgan	817	00000	82020	18610	00900	08000			
Scilly	804	00000	80021	19011	00900	09801			
Culdrose	809	00305	75020	18709	00900	08000			
Guernsey	894	03405	82020	18211	00900	08101			
Elmdon	534	12805	68020	17408	10931	06603	81362		
Cardington	559	12507	62021	16908	15600	07302	81640		
Wittering	462	02807	59041	15909	00900	08702			
Watnall	354	12706	65030	16210	10940	08604	81360		
Shawbury	414	12402	81010	17309	10930	07501	81360		
Finningley	360	12910	70021	15212	10942	09603	81362		
Spurn Point	396	22822	70011	14613	20970	10103	82360		
Leeming	257	80609	86022	14913	854//	10302	82618	88632	
Tynemouth	262	83210	81026	14911	856//	09105	88630		
Carlisle	222	82806	75026	15013	854//	12001	86615	88630	
Valley	302	72509	82021	17714	755//	11803	87626		
Ringway	334	72505	64021	17211	755//	09701	87622		
Squires Gate	318	83014	80022	16415	855//	12704	81625	85638	88656
Ronaldsway	204	52608	82012	16613	55600	11803	81630	85650	
Mull of Galloway	131	22906	83011	16312	25500	11803	82625		
Eskdalemuir	162	82709	50205	14812	854//	10003	86710	88630	
Prestwick	135	82611	65025	15113	853//	12805	81707	83709	87712
Abbotsinch	140	82302	65216	14113	7522/	12803	81705	83708	87620
Leuchars	171	71602	82036	14710	755//	08202	85626	86650	
Dyce	091	10302	70020	14404	15500	04104	81620		
Lerwick	005	73108	70258	11509	784//	07303	83815	86630	
Wick	075	62906	83031	13905	2563/	04101	82630	86359	
Sule Skerry	010	63407	84031	14310	685//	05000	82820	86625	
Cape Wrath	049	10000	84011	14609	15500	05801	81625		
Stornoway	026	81103	75036	14210	854//	08803	82618	88630	
Benbecula	022	82806	77022	13613	6567/	12602	86635	88459	
Tiree	100	82003	50505	14012	852//	12802	83705	88613	
Aldergrove	917	82507	82026	16613	855//	11704	82622	88626	
Malin	980	82313	40586	15214	862//	13809	85703	88707	
Belmullet	976	82113	57516	16314	863//	13707	83707	88712	
Birr	965	12106	70011	18110	15600	09805	81634		
Dublin	969	82503	81022	17313	855//	10806	88628		
Shannon	962	10000	65011	18411	15600	09604	81630		
Roches Point	952	53103	75011	18712	556//	10703	85637		
Valentia	953	80000	82031	18712	856//	10805	88636		

OBSERVATIONS at 06h. 3 September 1978

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	03003	40400	17707	00900	06400			
Hurn	862	00000	40284	17603	00900	03303			
Manston	797	12905	57050	16510	15600	09302	81635		
Gatwick	776	01701	62284	17505	00900	05500			
Kew	775	12501	56110	17105	15701	05500	81650		
Heathrow	772	10401	59021	17108	15731	07101	81656		
Honington	586	12506	50050	16108	15530	07303	81620		
Wattisham	590	12807	58030	16508	15730	07305	81650		
Gorleston	497	22805	48050	15210	20970	09304	82358		
Aberporth	502	71806	86021	17412	756//	08606	87633		
Filton	628	30000	70020	17906	35400	06500	81710		
Rhoose	715	10402	78020	17606	18401	05500	81815		
Hartland Point	703	60108	87031	17413	62500	08301	86820		
Mount Batten	827	10000	65400	17507	00901	06303	81075		
St.Mawgan	817	11003	82020	17508	15500	07601	81625		
Scilly	804	70203	82031	17613	755//	09705	87625		
Culdrose	809	20404	70030	17908	28500	07500	81820		
Guernsey	894	11402	82110	17111	16300	10504	81707		
Elmdon	534	13002	68020	17207	15600	06303	81630		
Cardington	559	72505	62021	16809	756//	09302	87640		
Wittering	462	52807	62031	16208	55601	07302	85645		
Watnall	354	12505	56020	16207	10930	07102	81360		
Shawbury	414	11904	75021	17107	15600	06302	81640		
Finningley	360	72907	65031	15212	756//	11302	87630		
Spurn Point	396	73106	66021	15213	4557/	10301	81620	84656	87360
Leeming	257	71602	70012	15211	754//	08602	86616	87640	
Tynemouth	262	80000	80022	15109	856//	08400	88635		
Carlisle	222	82604	45586	14613	854//	12502	82710	86618	88630
Valley	302	73007	82021	17113	784//	11501	81815	87622	
Ringway	334	71905	68025	17009	754//	08304	82614	87638	
Squires Gate	318	72813	80012	16114	4543/	11501	81618	84650	86360
Ronaldsway	204	62706	82021	15912	3843/	11503	81710	83650	85358
Mull of Galloway	131	72809	66515	15312	5542/	12707	81710	84620	86530
Eskdalemuir	162	80000	40516	14412	852//	11501	81703	84706	88620
Prestwick	135	82508	30536	14412	870//	12603	82701	86702	88707
Abbotsinch	140	82302	20546	13713	850//	13503	81701	83703	88615
Leuchars	171	70000	82205	14609	3553/	08500	82620	87360	
Dyce	091	60000	75031	14503	65400	02201	81710	86635	
Lerwick	005	53010	82018	11908	58400	07203	82812	85630	
Wick	075	32705	86031	14003	15630	02303	81630		
Sule Skerry	010	23204	86031	14209	28500	06301	82820		
Cape Wrath	049	20503	84020	14509	25500	05400	82625		
Stornoway	026	70805	82021	14210	755//	07301	87626		
Benbecula	022	70000	73116	13609	754//	09302	81710	87640	
Tiree	100	73604	62106	13812	753//	12303	83708	87622	
Aldergrove	917	82306	75026	15712	853//	11506	82708	85712	88620
Malin	980	82710	30586	14013	862//	12704	85704	88710	
Belmullet	976	72604	68036	15614	753//	13505	81707	83716	86637
Birr	965	71906	80031	17209	756//	09606	87636		
Dublin	969	62304	80032	17011	65600	09500	84630	85656	
Shannon	962	61402	70101	17809	55532	08301	83620	83650	
Roches Point	952	73402	70011	17812	756//	10503	87637		
Valentia	953	60000	82012	17311	65600	10805	86636		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00060	00	+	jf
Hurn	862	00030	01	+	if
Manston	797	00100	08	+	+
Gatwick	776	00050	01	+	if
Kew	775	00040	52	+	+
Heathrow	772	00070	02	+	+
Honington	586	00070	06	+	+
Wattisham	590	00060	03	+	+
Gorleston	497				
Aberporth	502	00110	07	+	+
Filton	628	00060	50	+	+
Rhoose	715	00060	02	+	+
Hartland Point	703	00120	07		
Mount Batten	827	00060	01	+	jf
St.Mawgan	817	00070	03	+	+
Scilly	804	00110	10	+	+
Culdrose	809	00070	02	+	+
Guernsey	894	00100	01	+	+
Elmdon	534	00050	01	+	+
Cardington	559	00050	01	+	+
Wittering	462	00070	05	+	+
Watnall	354	00070	03	+	+
Shawbury	414	00060	02	+	+
Finningley	360	00110	07	+	+
Spurn Point	396			+	+
Leeming	257	97111	11	+	r_o
Tynemouth	262	01091	09	rr	+
Carlisle	222	01121	12	r_or_o	$d_or_od_or_odr$
Valley	302	00120	09	+	+
Ringway	334	97091	08	d_o	+
Squires Gate	318	00140	12	+	+
Ronaldsway	204	00120	09	+	+
Mull of Galloway	131	95121			
Eskdalemuir	162	01111	10	d_o–$d_or_od_or_o$	$d_or_od_or_od_od_o$
Prestwick	135	01121	12	$d_od_or_o$	$d_odd_or_o$
Abbotsinch	140	04132	11	$r_od_or_o$	$d_oDddd_od_odr$
Leuchars	171	92091	06	+	d_od_o
Dyce	091	00021	52	+	+
Lerwick	005	02071	06	pr_o	dr_opr_o
Wick	075	00021	51	+	+
Sule Skerry	010	00080	03		
Cape Wrath	049	00070	05	+	+
Stornoway	026	91091	09	r_o	+
Benbecula	022	97091	07	+	ir_o
Tiree	100	03111	09	$d_odrDRd_or_o$	+
Aldergrove	917	94111	10	r_o	r_or
Malin	980	0413	12		
Belmullet	976	0113	12		
Birr	965	9707	03		
Dublin	969	0011	08		
Shannon	962	9709	04		
Roches Point	952	9711	07		
Valentia	953	9710	09		

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	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03001	81207	98022	09411	11502	00620	/////	/////	0510[illegible]	11238	3//02	26/03
L	99571	70200	03004	73013	97038	11213	784//	00213	83710	86620	0//09	11433	30403	26904
M	99660	10016	03004	80212	97031	08810	854//	00400	/////	/////	05505	11111	30303	/////
R	99466	70159	03004	70812	98031	14817	784//	00804	82816	87640	0//14	1.825	30000	12603

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	03061	80708	97616	01710	4732/	00726	84708	88532	05310	11228	3//02	26/03
L	99572	70199	03064	63302	98031	10712	38402	00505	81814	83620	0//06	11407	30200	25903
M	99660	10014	03064	60113	97028	09310	58408	00205	/////	/////	05205	11090	30403	/////
R	99466	70160	03064	51112	98018	12517	55600	00610	85640	/////	0//15	11835	30000	12603

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

42655 Date of Issue MONDAY 4 SEPTEMBER 1978

OBSERVATIONS at 12h. 3 September 1978

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	31703	66020	17417	31500	10803	83827		
Hurn	862	41805	70030	17518	48600	09804	82830		
Manston	797	13307	80020	17118	18600	10000	81830		
Gatwick	776	33105	81030	17319	32600	10705	83832		
Kew	775	32603	80020	17219	31600	11305	83833		
Heathrow	772	32704	80030	17119	32600	11306	83832		
Honington	536	63107	75031	16716	684//	11101	84818	83640	
Wattisham	590	52810	70031	16617	51600	10000	85830		
Gorleston	497	80000	64021	16515	855//	11101	88625		
Aberporth	502	72807	84022	17814	755//	10803	82623	87630	
Filton	628	30000	82011	17617	38500	10307	81827		
Rhoose	715	41406	80030	17716	11601	08804	81830	84075	
Hartland Point	703	40405	82031	17515	22541	10001	82820	84075	
Mount Batten	827	72108	84031	17117	11602	11804	81830	87075	
St.Mawgan	817	60907	84021	17217	41502	11804	84825	84075	
Scilly	804	71005	82022	17916	755//	10802	87625		
Culdrose	809	51106	75051	17716	31501	11000	83820	83070	
Guernsey	894	61009	80031	17317	11501	09604	81825	86080	
Elmdon	534	62705	75031	17017	616//	09803	86830		
Cardington	559	72505	68031	17117	785//	10304	83829	86640	
Wittering	462	62408	82031	16517	685//	10101	84828	84645	
Watnall	354	52708	80021	16418	58500	11400	82820	85640	
Shawbury	414	62806	83021	16917	68501	10804	86828		
Finningley	360	72810	75031	15718	5857/	11500	83824	83640	
Spurn Point	396	61403	60032	15816	3457/	12704	82820	83630	85360
Leeming	257	72913	80026	15117	6843/	12705	82816	86640	87365
Tynemouth	262	81406	61025	15311	864//	10603	88712		
Carlisle	222	72608	57215	15014	751//	14101	82702	84706	86710
Valley	302	52310	80012	17816	28531	09001	82822	83360	
Ringway	334	72909	75031	16917	785//	10702	83825	86640	
Squires Gate	318	72813	81032	17115	6853/	11103	82820	85650	
Ronaldsway	204	72514	75022	16214	6633/	12801	83706	86710	85360
Mull of Galloway	131	72410	81026	16016	3853/	14500	81825	83630	
Eskdalemuir	162	82209	35586	14614	872//	13001	85705	88709	
Prestwick	135	72513	65156	14914	753//	12101	82708	84712	87618
Abbotsinch	140	80506	40586	14113	871//	13301	82702	85704	88706
Leuchars	171	70906	70025	15112	753//	09201	81707	83710	86650
Dyce	091	63207	84012	14913	61500	07202	86820		
Lerwick	005	73313	86018	13510	782//	06209	81704	87623	
Wick	075	73608	89021	15012	5853/	06305	82820	83635	85359
Sule Skerry	010	33404	86020	15512	25571	08208	82820		
Cape Wrath	049	20904	88011	15211	12531	07205	81820		
Stornoway	026	71506	86012	15413	7543/	10204	81618	83624	85645
Benbecula	022	72803	58505	15213	753//	12207	82706	84614	87645
Tiree	100	43306	68031	15415	22431	12207	82815		
Aldergrove	917	72412	60502	15515	754//	13503	82710	85713	86618
Malin	980	43109	86016	15314	38481	12211	83818		
Belmullet	976	71505	80026	16017	58432	14101	81716	83640	
Birr	965	72406	81022	17117	31505	11704	83823	87070	
Dublin	969	72608	86022	16617	38532	11801	81822	83640	85070
Shannon	962	60000	80022	16917	35602	10705	83635	85075	
Roches Point	952	71007	75022	17815	784//	10701	81818	87639	
Valentia	953	71807	83032	17118	38506	10500	83827	87270	

OBSERVATIONS at 18h. 3 September 1978

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	71908	75031	15817	756//	09605	85632	86656	
Hurn	862	41904	65031	16116	11601	10605	81835	84075	
Manston	797	31805	68030	16017	15801	11605	81657	83075	
Gatwick	776	42007	82030	15817	14601	10504	81642	84080	
Kew	775	60000	75021	15618	45602	11705	84645	83080	
Heathrow	772	43402	78011	15719	24601	10505	82645	83080	
Honington	536	73005	62022	15317	786//	11606	81830	87656	
Wattisham	590	63006	68012	15417	65700	10604	86656		
Gorleston	497	80000	58026	15516	856//	13706	88630		
Aberporth	502	43503	80021	16614	00902	09608	84075		
Filton	628	73005	65021	15817	00902	11706	87078		
Rhoose	715	52505	81021	15716	00901	10709	85075		
Hartland Point	703	70205	85021	15514	11606	10612	81840	87275	
Mount Batten	827	52203	75031	15415	15504	11714	81625	85075	
St.Mawgan	817	50108	82031	15615	15501	11711	81625	85075	
Scilly	804	30706	80021	15816	25501	11712	82625	83075	
Culdrose	809	42803	66051	15715	25601	13608	82630	83075	
Guernsey	894	40409	72011	15116	00901	11714	84075		
Elmdon	534	72204	80022	15617	746/2	09706	87635		
Cardington	559	42806	66021	15718	25701	10605	82650	83075	
Wittering	462	52908	68021	15617	14631	12602	81835	84080	
Watnall	354	73002	65021	15816	18572	11502	81825	87075	
Shawbury	414	70303	83032	15517	35631	13606	83640	87075	
Finningley	360	62807	70022	15117	38632	11803	81830	83640	85363
Spurn Point	396	82505	58025	15115	6557/	13804	86620	88360	
Leeming	257	72809	80032	15015	755//	12603	83626	85650	85657
Tynemouth	262	80908	61636	15711	3722/	11304	83705	88458	
Carlisle	222	82607	75036	14915	884//	13501	81713	88642	
Valley	302	72108	82022	16615	15532	10606	81622	87075	
Ringway	334	73306	68022	16116	11532	10605	81825	87075	
Squires Gate	318	72707	80021	16015	685/1	11608	81828	86638	
Ronaldsway	204	72609	61038	15714	754//	12504	82711	86714	87623
Mull of Galloway	131	73408	80256	15314	65601	14303	86635		
Eskdalemuir	162	83103	65606	14714	854//	12301	86712	88620	
Prestwick	135	72704	86025	15115	785//	12502	81820	87645	
Abbotsinch	140	80502	62026	14715	854//	13301	81710	83616	88650
Leuchars	171	71008	80021	15513	754//	09302	81616	87650	
Dyce	091	21503	89031	15512	00901	06301	82080		
Lerwick	005	73411	86022	14809	754//	05400	87618		
Wick	075	30805	89021	15711	18532	07500	81820		
Sule Skerry	010	61405	85031	15911	685//	09601	81820	86630	
Cape Wrath	049	70905	88031	15811	3557/	08400	83625	87360	
Stornoway	026	81606	56586	15112	853//	12603	83708	85615	88632
Benbecula	022	72207	80026	15014	753//	12701	81708	87640	
Tiree	100	23104	75010	15615	15431	11500	81616		
Aldergrove	917	33606	84015	15616	18502	11500	81822		
Malin	980	53403	86021	16014	35602	11501	83638	83075	
Belmullet	976	72106	70022	15015	784//	13705	81716	87640	
Birr	965	60603	80012	15216	656/2	12709	86636	83070	
Dublin	969	71402	80022	15216	38532	12709	81827	85070	
Shannon	962	71803	80022	15217	756//	10608	87640		
Roches Point	952	71107	80032	15915	684/2	09611	81816	86638	85074
Valentia	953	71708	83031	15416	72500	09609	87826		

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00200	093	+	+
Hurn	862	00190	106	+	+
Manston	797	00190	103	+	+
Gatwick	776	00200	103	+	+
Kew	775	00190	075	+	+
Heathrow	772	00210	105	+	+
Honington	536	00190	059	+	+
Wattisham	590	00190	078	+	+
Gorleston	497		018		
Aberporth	502	00150	038	+	+
Filton	628	00190	103	+	+
Rhoose	715	00190	108	+	+
Hartland Point	703	00160	087		
Mount Batten	827	00170	114	+	+
St.Mawgan	817	00170	114	+	+
Scilly	804	00180	037	+	+
Culdrose	809	00180	113	+	+
Guernsey	894	00180	119	+	+
Elmdon	534	00180	053	+	+
Cardington	559	00200	060	+	+
Wittering	462	00190	080	+	+
Watnall	354	00190	064	+	+
Shawbury	414	00190	082	+	+
Finningley	360	00200	033	+	+
Spurn Point	396			$id_od_od_o$	id_o
Leeming	257	97170	008	r_o	+
Tynemouth	262	04122	000	id_o	rrdd
Carlisle	222	02171	013	$drdd_or_o$	$d_or_od_or_o$
Valley	302	00170	057	+	+
Ringway	334	00180	050	+	+
Squires Gate	318	00170	059	+	+
Ronaldsway	204	97170	039	+	pr_o
Mull of Galloway	131	93161			
Eskdalemuir	162	02161	004	$d_or_od_or_odr$	r_o
Prestwick	135	93161	004	$d_or_oid_o$	+
Abbotsinch	140	03151	001	$d_od_oddd_or_odr$	$d_or_od_or_o$
Leuchars	171	00141	014	+	+
Dyce	091	00151	104	+	+
Lerwick	005	00111	000	+	+
Wick	075	00131	081	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00121	080	+	+
Stornoway	026	03131	001	r	$rd_or_odrd_or_o$
Benbecula	022	97151	001	id_o	ir_o
Tiree	100	00161	097	+	+
Aldergrove	917	97170	054	d_o	+
Malin	980	0615	063		
Belmullet	976	9118	015		
Birr	965	0019	056		
Dublin	969	0018	036		
Shannon	962	9719	056		
Roches Point	952	0017	031		
Valentia	953	0019	100		

OCEAN WEATHER STATION REPORTS at 12h.

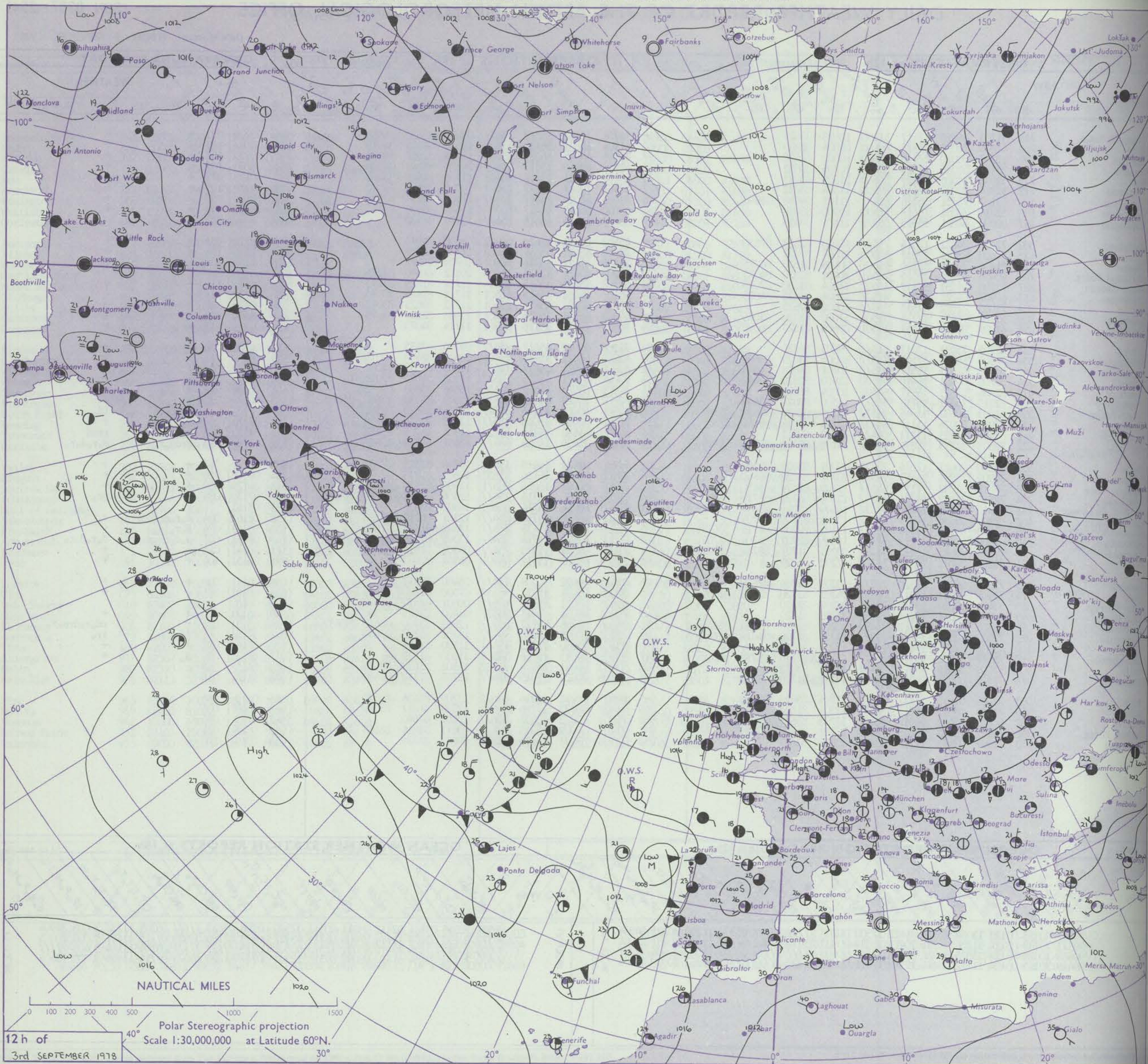
O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
	C	99527	70355	03121	13006	98016	01411	12500	00208	/////	/////	05308	11250	30201	34904
	L	99572	70198	03124	51206	98031	10413	35632	00803	83630	84362	0//07	11420	30201	21004
	M	99660	10020	03124	33615	98021	09810	32500	00400	/////	/////	00005	11068	30404	/////
	R	99469	70165	03124	11112	98011	12319	18501	00802	81820	/////	0//12	11863	30000	13604

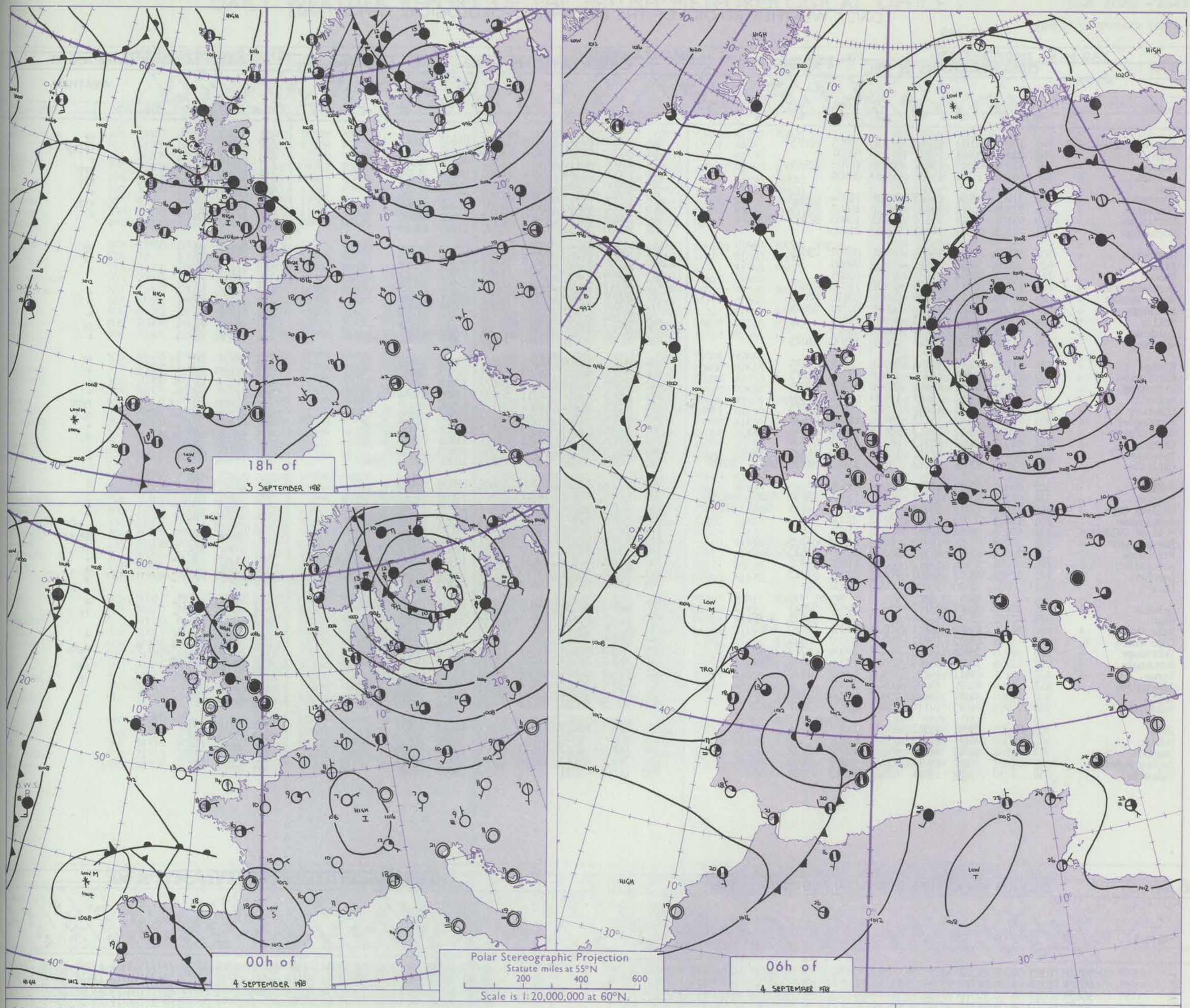
OCEAN WEATHER STATION REPORTS at 18h.

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	03181	32812	98011	00511	32500	00706	83823	/////	05305	11230	30605	34904
	L	99572	70198	03184	71414	97606	06714	4532/	00619	82708	83620	0//13	11421	30303	18005
	M	99660	10019	03184	73415	98031	12510	68502	00215	/////	/////	05104	11104	30403	/////
	R	99470	70170	03184	61410	98031	09318	12502	00717	81820	86073	0//14	11850	30000	13604

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 4 SEPTEMBER 1978

The deep depression near the Gulf of Finland has moved slowly west to southern Sweden. An anticyclone southern Ireland to Switzerland has moved slowly south-east and has now declined to a ridge of high pressure, linking with that extending southwards between Iceland and Norway. A weakening frontal trough from south Iceland to the Low Countries has moved slowly south-east and has frontolysed.

During the next 24 hours the low over Sweden will slowly fill and move slowly east. A complex cold frontal trough moving slowly east is expected to extend from Iceland to about 200 miles west of Portugal by tomorrow morning.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 4 September 1978

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	10000	60011	15710	00901	09805	81075		
Hurn	862	03302	30101	15207	00900	07807			
Manston	797	12804	60010	15612	00901	10703	81075		
Gatwick	776	00000	35111	15808	00900	08804			
Kew									
Heathrow	772	31901	57051	15213	00901	11804	83080		
Honington	586	32502	45101	15110	00901	10602	83075		
Wattisham	590	63105	58021	15511	20932	10400	82360	85075	
Gorleston	497	02503	48011	14613	00900	11400			
Aberporth	502	30000	82011	15610	00901	08707	83075		
Filton	628	00000	58051	15611	00900	09805			
Rhoose	715	00502	68011	15209	00900	08805			
Hartland Point	703	10708	80011	14513	00901	11808	81075		
Mount Batten	827	20000	70011	14609	00901	09610	82075		
St.Mawgan	817	21006	75011	14810	00901	08710	82075		
Scilly	804	00908	81021	14613	00900	11709			
Culdrose	809	00703	60100	14609	00900	09810			
Guernsey	894	11108	65020	14514	00901	12806	81075		
Elmdon	534	11702	45111	15708	00901	08502	81075		
Cardington	559	22702	59101	15507	00901	07704	82075		
Wittering	462	32803	56041	15511	00901	09702	83080		
Watnall	354	12902	59051	15611	10930	09605	81360		
Shawbury	414	20000	56041	15409	00901	09805	82075		
Finningley	360	73002	58042	15113	757//	11602	87650		
Spurn Point	396	60000	66012	15013	3567/	12801	83640	86360	
Leeming	257	83508	25285	15512	862//	11103	88704		
Tynemouth	262	30000	56106	16111	15530	10000	81625	83358	
Carlisle	222	81007	62026	15012	852//	11601	82705	86710	88620
Valley	302	00000	80011	15711	00900	09606			
Ringway	334	61302	58032	15911	25732	11804	82650	83360	86075
Squires Gate	318	73105	75012	15615	754//	12804	81615	83623	87630
Ronaldsway	204	13403	80021	15210	15700	09804	81650		
Mull of Galloway	131	40107	80031	15311	45600	11803	84630		
Eskdalemuir	162	80203	57056	16010	862//	09103	85705	88709	
Prestwick	135	30805	65011	15512	35500	11000	81620	83645	
Abbotsinch	140	40906	58106	15611	45201	11202	83705		
Leuchars	171	72802	65031	16109	764//	09000	87713		
Dyce	091	00000	82020	16404	00900	04102			
Lerwick	005	23209	86021	15107	25500	06400	82625		
Wick	075	42702	82030	16304	15630	04801	81635	84359	
Sule Skerry	010	81108	81022	16111	885//	08801	82820	88630	
Cape Wrath	049	80903	84022	15711	855//	10802	88625		
Stornoway	026	82408	56516	14913	854//	13804	86712	88629	
Benbecula	022	82205	70031	15413	853//	12000	86708	88635	
Tiree	100	10106	09411	15210	15500	10708	81620		
Aldergrove	917	01504	60020	15709	00900	08803			
Malin	980	11504	84031	15409	15600	09806	81640		
Belmullet	976	70705	74015	14114	754//	13709	83717	86637	
Birr	965	71701	75031	14512	756//	11807	87634		
Dublin	969	00000	70111	14512	00900	11706			
Shannon	962	71402	80022	14314	756//	10806	87637		
Roches Point	952	71607	80022	15014	756//	08705	87632		
Valentia	953	81010	83022	13614	885//	11812	83824	88640	

OBSERVATIONS at 06h. 4 September 1978

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	10000	07410	14108	00902	07602	81075		
Hurn	862	00000	01424	13704	00900	04603			
Manston	797	12803	40110	14009	00901	09604	81075		
Gatwick	776	10000	01444	14406	00902	06604	81080		
Kew	775	10000	00444	14006	00901	06607	81080		
Heathrow	772	13502	23111	13909	00901	08605	81080		
Honington	586	10000	03440	13808	10931	08702	81360		
Wattisham	590	13202	25111	14109	15601	09502	81640		
Gorleston	497	70000	32051	13812	755//	11400	87625		
Aberporth	502	11506	67020	13409	00901	08607	81075		
Filton	628	10000	12280	14107	00901	06503	81075		
Rhoose	715	10606	40100	13608	00901	07605	81075		
Hartland Point	703	41411	66031	12310	00901	09608	84075		
Mount Batten	827	30907	56050	12409	15501	08607	81620		
St.Mawgan	817	60909	56101	12009	00902	09714	86075		
Scilly	804	71204	80031	12014	625/1	12609	86825		
Culdrose	809	40807	11100	11810	36301	10611	83707		
Guernsey	894	51105	50051	12214	10932	12607	81360	84075	
Elmdon	534	70000	18104	14209	756//	09605	87635		
Cardington	559	50000	40101	14407	55601	07503	85640		
Wittering	462	72902	40041	14211	756//	10503	87632		
Watnall	354	73302	40051	14211	5567/	11604	85634	86359	
Shawbury	414	92202	01474	14307	9////	07504	89/03		
Finningley	360	80306	22102	14312	861//	12500	83702	88703	
Spurn Point	396	70110	68012	14513	2567/	11301	82630	87360	
Leeming	257	80104	56045	14911	854//	11501	85614	88650	
Tynemouth	262	12602	61020	15110	10930	08603	81358		
Carlisle	222	70706	60022	14310	753//	10501	84709	86645	
Valley	302	10606	70111	13708	15602	08606	81635		
Ringway	334	71702	45102	14411	754//	10605	81618	87635	
Squires Gate	318	71104	58102	14113	784//	12504	81818	87656	
Ronaldsway	204	30305	62400	13707	15401	06605	81715	83075	
Mull of Galloway	131	81012	60601	13612	852//	12707	82703	88620	
Eskdalemuir	162	73502	07425	15506	660/1	06602	86700		
Prestwick	135	50904	15284	14707	36032	07603	83700	85075	
Abbotsinch	140	80705	30101	14911	862//	10501	82703	86704	88707
Leuchars	171	72603	68021	14810	655/2	09705	82622	85628	
Dyce	091	43602	81020	15403	15332	02502	81708	83360	
Lerwick	005	53512	84031	14407	58400	05704	82815	84630	
Wick	075	20000	04414	15703	15632	03500	81640		
Sule Skerry	010	41106	84011	15610	28570	07301	81820	83358	
Cape Wrath	049	80906	72022	14910	854//	10601	85710	88625	
Stornoway	026	72503	58205	14413	753//	13603	86707	87629	
Benbecula	022	51202	80012	14210	45330	10706	82706	83635	
Tiree	100	70805	88024	14012	756/2	11505	87645		
Aldergrove	917	51502	60111	13607	35301	07711	81706	85080	
Malin	980	41203	20284	13510	15732	09610	81650	83075	
Belmullet	976	70803	68032	10814	754//	13714	82716	87637	
Birr	965	71707	66021	12012	756//	10611	87631		
Dublin	969	90000	01434	13011	9////	11707	89/00		
Shannon	962	71206	82012	11413	756//	10712	87636		
Roches Point	952	71308	75012	11814	756//	08710	87632		
Valentia	953	71012	83031	10213	756//	09617	87640		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	01	+	if
Hurn	862	00030	01	if	ifffF
Manston	797	00080	05	+	+
Gatwick	776	00040	02	ifFf	fFF
Kew	775	00050	01	ffFF	FFf
Heathrow	772	00090	03	+	+
Honington	586	00070	04	+	ifff
Wattisham	590	00090	04	+	+
Gorleston	497				
Aberporth	502	00030	04	+	if
Filton	628	00060	00	+	if
Rhoose	715	00070	04	+	+
Hartland Point	703	00100	07		
Mount Batten	827	00070	03	+	+
St.Mawgan	817	00080	04	+	+
Scilly	804	00130	10	+	+
Culdrose	809	00080	04	+	if
Guernsey	894	00130	09	+	+
Elmdon	534	00060	01	if	if
Cardington	559	00050	03	+	+
Wittering	462	00100	07	+	+
Watnall	354	00100	05	+	+
Shawbury	414	00050	02	ff	ffFF
Finningley	360	97110	09	+	d_od_o
Spurn Point	396			+	+
Leeming	257	97111	11	$d_o$ff	d_o
Tynemouth	262	92091	07	dd	+
Carlisle	222	00101	09	+	+
Valley	302	00070	05	+	+
Ringway	334	00100	06	+	+
Squires Gate	318	00130	11	+	+
Ronaldsway	204	00070	04	+	+
Mull of Galloway	131	01111			
Eskdalemuir	162	97061	04	id_o	id_off
Prestwick	135	00071	03	ff	if
Abbotsinch	140	00101	08	+	+
Leuchars	171	00081	03	+	+
Dyce	091	00021	51	+	+
Lerwick	005	00061	03	+	+
Wick	075	00031	51	+	if
Sule Skerry	010	00091	07		
Cape Wrath	049	00091	09	+	+
Stornoway	026	01121	12	$d_or_od_od_o$	d_od_o
Benbecula	022	00101	05	+	+
Tiree	100	00081	03	ff	ff
Aldergrove	917	00071	03	+	if
Malin	980	9709	06		
Belmullet	976	9713	12		
Birr	965	9710	06		
Dublin	969	9710	06		
Shannon	962	0012	10		
Roches Point	952	0014	12		
Valentia	953	0012	09		

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_vv_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	04001	62812	97258	01009	63400	00108	84916	/////	05506	11204	3//05	34/04
L	99573	70199	04004	81520	98036	03914	4532/	00610	82708	84625	0//13	11424	30404	18005
M	99659	10019	04004	73316	97152	13710	79400	00103	/////	/////	05106	11093	30304	/////
R	99470	70170	04004	81714	98032	07318	12532	00717	81820	83363	0//17	11840	30000	14604

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_vv_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	04061	62813	98038	01510	62600	00302	86834	/////	05304	11152	3//06	/////
L	99571	70200	04064	81423	97016	99214	854//	41725	83710	88620	0//13	11414	30605	18005
M	99659	10016	04064	60218	97158	16109	49461	00213	/////	/////	05205	11097	30403	/////
R	99470	70170	04064	72019	97012	04318	3857/	00617	81820	83640	0//16	11850	30603	/////

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42656

Date of Issue TUESDAY 5 SEPTEMBER 1978

Code FM 11.V OBSERVATIONS at 12h. 4 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Roscombe Down	746	21407	70034	12619	21602	10808	82835		
Hurn	862	51506	60034	12519	32631	12708	83832		
Manston	797	30706	45050	13218	34500	13705	81825	83656	
Gatwick	776	31205	65034	12819	31600	09712	83840		
Yeu	775	50805	62034	12719	51600	09813	85835		
Heathrow	772	30905	61030	12820	32600	11812	83832		
Honington	586	63404	64014	13516	685//	12504	82820	85628	
Mattishall	590	70110	63031	13317	785//	11805	84826	85645	
Coriston	497	70209	66022	14114	755//	09400	87625		
Abernorth	502	21610	60040	12218	11601	11709	81830		
Filton	628	31610	63034	12819	31501	11808	83828		
Whose	715	31208	58051	12517	11501	09807	81820	83075	
Martland Point	703	70904	56021	11517	32601	12607	83830	87075	
Mount Batten	827	71008	59051	11319	11502	14709	81820	87070	
St.Mawgan	817	61411	58052	11117	11402	12709	81810	86075	
Scilly	804	61012	56012	11219	15531	15503	81623	85365	
Guldrose	809	70909	56054	11016	3553/	15810	81620	83635	
Guernsey	894	71408	62022	11618	10986	10804	81363	83073	86275
Elmdon	534	61605	59041	12918	685//	12708	82825	85645	
Cardington	559	63502	60052	13118	686//	11708	83835	86650	
Wittering	462	70305	60042	13716	784//	12704	85817	87640	
Natnall	354	80504	45202	14014	862//	12503	86704	88707	
Shawbury	414	21202	58044	13218	28500	13709	81820		
Finningley	360	81902	60015	14115	884//	11706	81813	88624	
Spurn Point	396	30309	78031	14615	21601	09603	82830	83075	
Leeming	257	60106	65042	14015	42402	10808	84818	84075	
Tynemouth	262	70305	69021	14913	15606	09602	81630	87075	
Carlisle	222	70904	80032	13517	18502	11709	81826	87078	
Valley	302	12307	75010	12818	12501	10706	81820		
Ringway	334	71005	58022	13616	784//	12808	84816	87650	
Squires Gate	318	71107	57042	13517	785//	13706	82820	87650	
Ronaldsway	204	71006	80011	13315	784//	13801	81815	87628	
Mull of Galloway	131	31207	77011	13415	22502	13705	82825	83075	
Eskdalemuir	162	70705	86024	13616	22432	09607	82818	87075	
Prestwick	135	51306	82022	13218	28532	09711	82823	85075	
Abbotsinch	140	70706	60052	13715	12401	11710	81816	87075	
Leuchars	171	70906	68012	14912	753//	09400	82708	87645	
Dyce	091	60107	86031	14713	51501	07803	85824	83080	
Lerwick	005	30317	81251	14012	38430	05803	81815	83625	
Wick	075	30407	88014	15411	28532	07500	82825		
Sule Skerry	010	60910	84021	15913	38501	08101	83820	84075	
Cape Wrath	049	70912	85022	14911	3557/	09802	83625	87360	
Stornoway	026	60706	65152	14214	682//	13702	82703	83815	85635
Benbecula	022	31107	84011	13417	11501	13605	81820	83075	
Tiree	100	61406	89012	13017	12642	12606	81830	85075	
Aldergrove	917	61307	64032	12217	62500	11611	81820	85823	
Malin	980	51012	60101	12015	42502	12808	84820		
Belmullet	976	71412	78022	09716	755//	11708	81720	87634	
Birr	965	61610	80012	11317	685//	10809	84826	84636	
Dublin	969	11211	70014	12017	11400	10703	81815		
Shannon	962	51410	82011	10117	5263/	11709	85830		
Roches Point	952	71213	70022	11416	6853/	12801	83820	85636	
Valentia	953	81209	70505	09715	855//	12704	81721	88640	

OBSERVATIONS at 18h. 4 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Roscombe Down	746	51806	66021	10317	10931	12609	81362	85075	
Hurn	862	41407	62021	10517	00901	12707	84075		
Manston	797	30607	56051	11515	25731	13708	82650		
Gatwick	776	42107	62031	10518	48600	12609	82840	83650	
Yeu	775	70601	58052	10418	786//	12709	82830	87650	
Heathrow	772	70705	58051	10520	786//	11610	82835	86650	
Honington	586	70308	70022	12114	784//	10506	82818	87640	
Mattishall	590	80808	62022	12314	855//	11503	83621	88650	
Coriston	497	20108	66011	12513	00904	07706	82075		
Abernorth	502	60405	64031	10115	14632	12610	81640	83364	85075
Filton	628	52202	61011	10219	11601	10610	81840	85080	
Whose	715	60903	66021	09919	10931	11611	81365	86075	
Martland Point	703	50708	58012	09117	50931	12611	85360		
Mount Batten	827	40909	60051	09117	40980	15510	81360	84362	
St.Mawgan	817	71206	59031	08917	7097/	14710	87360		
Scilly	804	61310	56022	09217	28539	14710	81821	85175	
Guldrose	809	70907	56102	09315	3543/	15608	81710	85360	
Guernsey	894	30609	59051	09118	20982	11712	82364		
Elmdon	534	70908	57041	11115	756//	12506	87640		
Cardington	559	70509	35042	11515	756//	12606	87645		
Wittering	462	70709	50042	12114	757//	09708	87650		
Natnall	354	70704	40052	12114	756//	12610	87638		
Shawbury	414	51006	50041	10717	25630	14609	82645	85359	
Finningley	360	30806	61011	11914	28501	10511	81820		
Spurn Point	396	50504	80021	13013	38541	12708	81825	83640	85075
Leeming	257	70310	58042	12314	45601	09608	84640	85075	
Tynemouth	262	70506	69022	13112	5567/	10709	85630		
Carlisle	222	71008	64032	11815	785/2	10807	81825	87645	
Valley	302	23606	65040	10318	15601	12613	81635		
Ringway	334	71208	57022	11416	785//	13610	81820	87650	
Squires Gate	318	40907	61011	11116	35702	13610	83650		
Ronaldsway	204	10706	56041	10715	15600	13612	81630		
Mull of Galloway	131	31207	80020	11315	12542	14709	81825		
Eskdalemuir	162	50505	85012	12113	35702	09609	83650		
Prestwick	135	73002	67022	11016	785//	12709	81824	83628	87645
Abbotsinch	140	71106	80022	11116	785//	10712	81824	87645	
Leuchars	171	61009	80022	12912	555/2	08711	85620		
Dyce	091	10108	84021	13211	15502	07505	81625		
Lerwick	005	70113	70051	12610	48432	08608	83815	83625	85358
Wick	075	10506	84021	13811	18501	07708	81825		
Sule Skerry	010	20712	81021	14111	11570	07711	81820		
Cape Wrath	049	20916	84021	13210	15505	08709	81625		
Stornoway	026	40511	80021	12312	28401	10708	81818	83075	
Benbecula	022	70912	80021	10613	28108	11712	81702	87275	
Tiree	100	51405	87012	10215	18502	12714	81820	85075	
Aldergrove	917	31408	65021	10015	11531	11713	81820		
Malin	980	71112	75021	09115	685/2	13615	82823	85645	
Belmullet	976	71411	76022	06816	6557/	12714	81720	85634	86359
Birr	965	71604	70026	08916	38532	11610	82822	83359	86070
Dublin	969	51310	65101	09514	12502	11712	81825	85070	
Shannon	962	71406	67032	08316	7867/	12509	84830	85656	86360
Roches Point	952	61107	65012	09115	28432	12712	81818	84360	
Valentia	953	81414	60515	07716	864//	14609	86716	88640	

OBSERVATIONS during DAY

Station	iii	RRT×TE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Roscombe Down	746	00210	097	+	+
Hurn	862	00200	110	+	+
Manston	797	00190	059	+	+
Gatwick	776	00210	059	+	+
Yeu	775	00210	077	+	+
Heathrow	772	00210	063	+	+
Honington	586	00170	036	+	+
Mattishall	590	00190	046	+	+
Coriston	497		047		
Abernorth	502	00190	103	+	+
Filton	628	00210	105	+	+
Whose	715	00200	103	+	+
Martland Point	703	00170	100		
Mount Batten	827	00210	105	+	+
St.Mawgan	817	00200	087	+	+
Scilly	804	00200	030	+	+
Guldrose	809	00180	042	+	f
Guernsey	894	00210	102	+	+
Elmdon	534	00200	035	+	+
Cardington	559	00200	014	+	+
Wittering	462	00160	003	+	+
Natnall	354	97150	000	d_o	+
Shawbury	414	00190	030	+	+
Finningley	360	00170	003	+	+
Spurn Point	396			+	+
Leeming	257	00170	064	+	+
Tynemouth	262	00131	034	+	+
Carlisle	222	00190	073	+	+
Valley	302	00190	115	+	+
Ringway	334	00180	001	+	+
Squires Gate	318	00200	018	+	+
Ronaldsway	204	00160	085	+	+
Mull of Galloway	131	00161			
Eskdalemuir	162	00161	082	+	+
Prestwick	135	00191	060	+	+
Abbotsinch	140	97181	041	+	ir_o
Leuchars	171	00131	013	+	+
Dyce	091	00151	089	+	+
Lerwick	005	97130	029	pr_o	+
Wick	075	00120	112	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00111	080	+	+
Stornoway	026	00151	042	in if	if
Benbecula	022	00180	103	+	+
Tiree	100	00171	103	+	+
Aldergrove	917	00180	093	+	+
Malin	980	9716	044		
Belmullet	976	0018	019		
Birr	965	9218	032		
Dublin	969	9717	109		
Shannon	962	0018	036		
Roches Point	952	0017	024		
Valentia	953	9719	004		

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

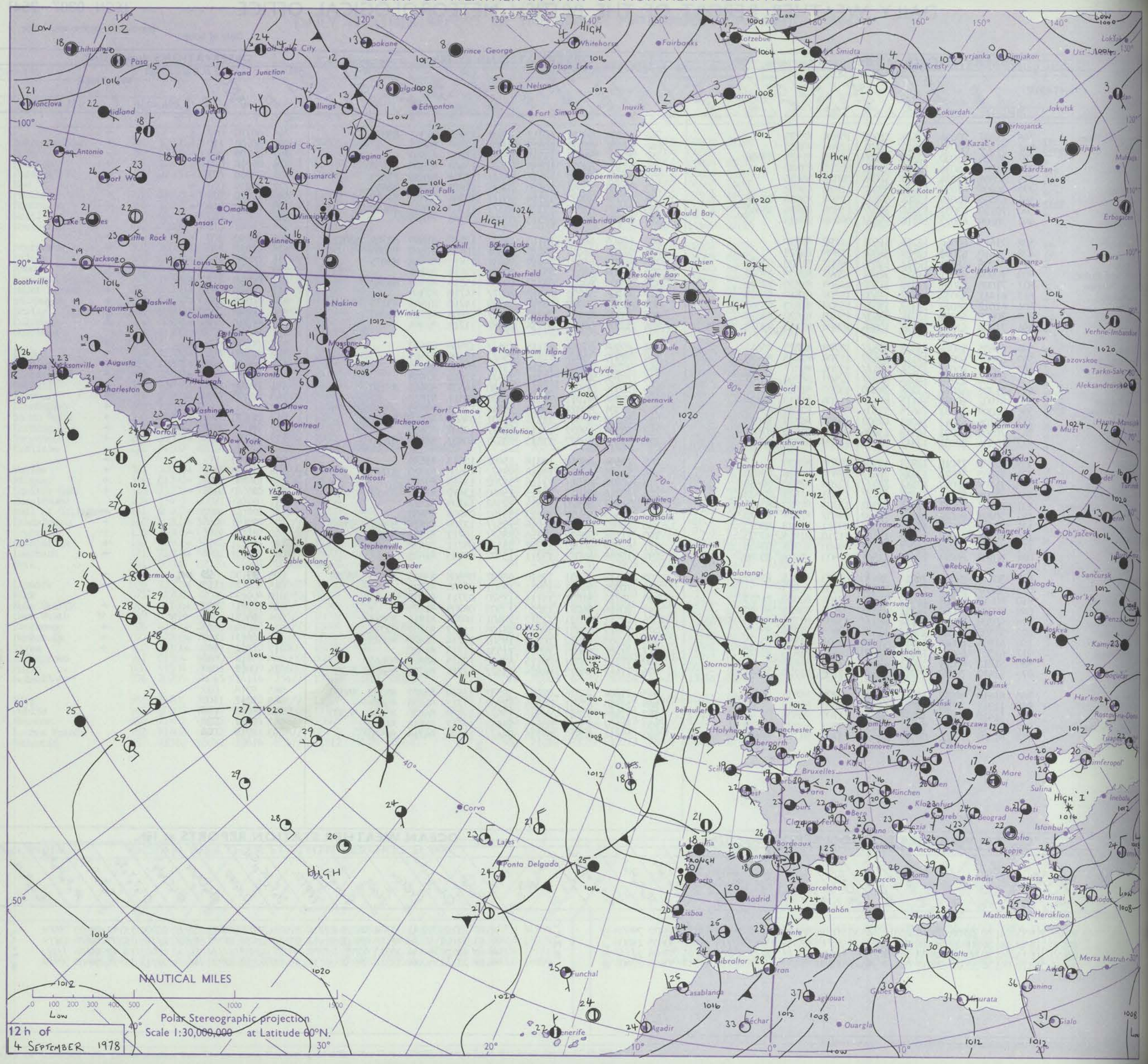
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04121	72808	98012	03310	64530	00104	86626	/////	05304	11182	30302	29903
	99570	70198	04124	81327	96616	96814	4732/	31715	82708	83710	0//13	11382	30605	18006
	99659	10015	04124	80222	97022	16909	7846/	00101	/////	/////	05303	11071	30404	/////
	99469	70171	04124	33320	98011	07717	18541	00220	81820	/////	0//14	11847	30603	27604

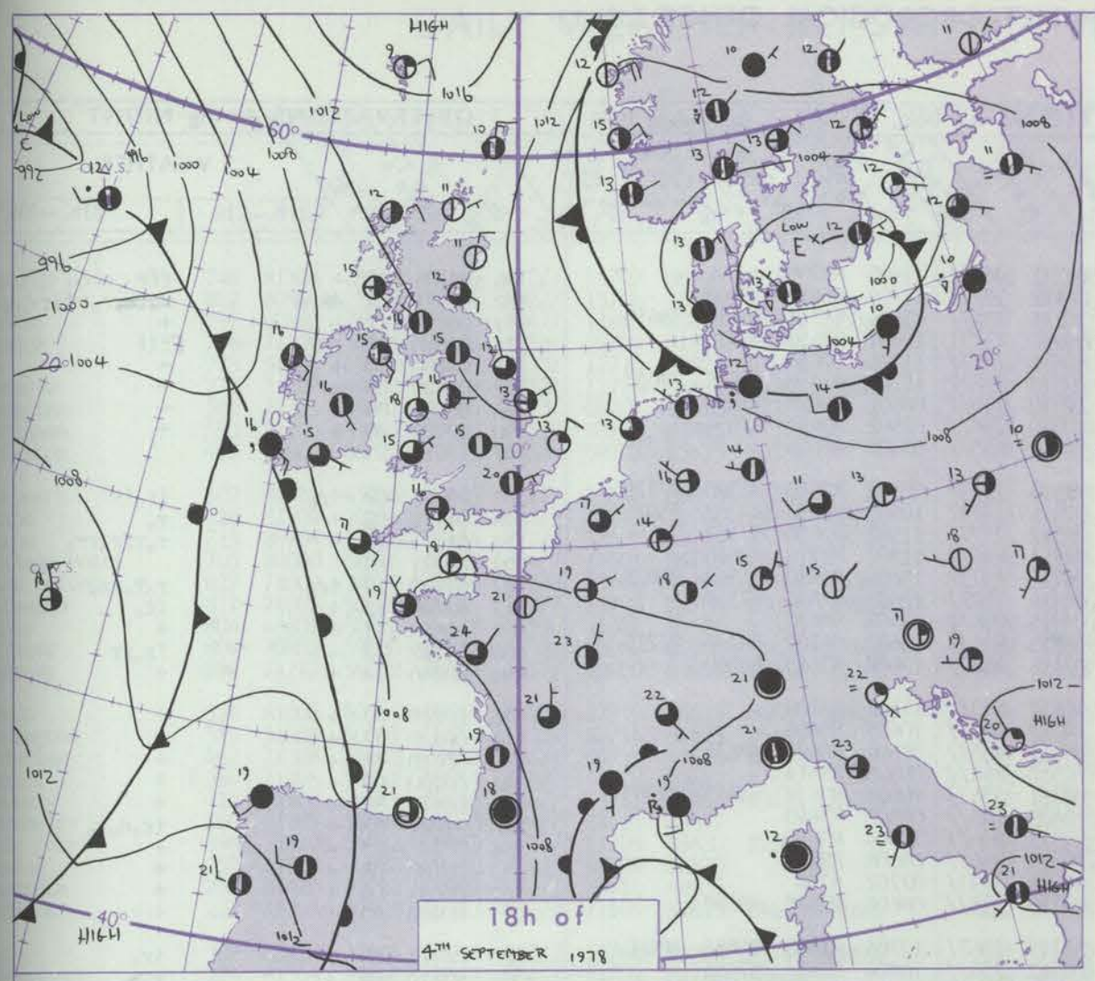
OCEAN WEATHER STATION REPORTS at 18h.

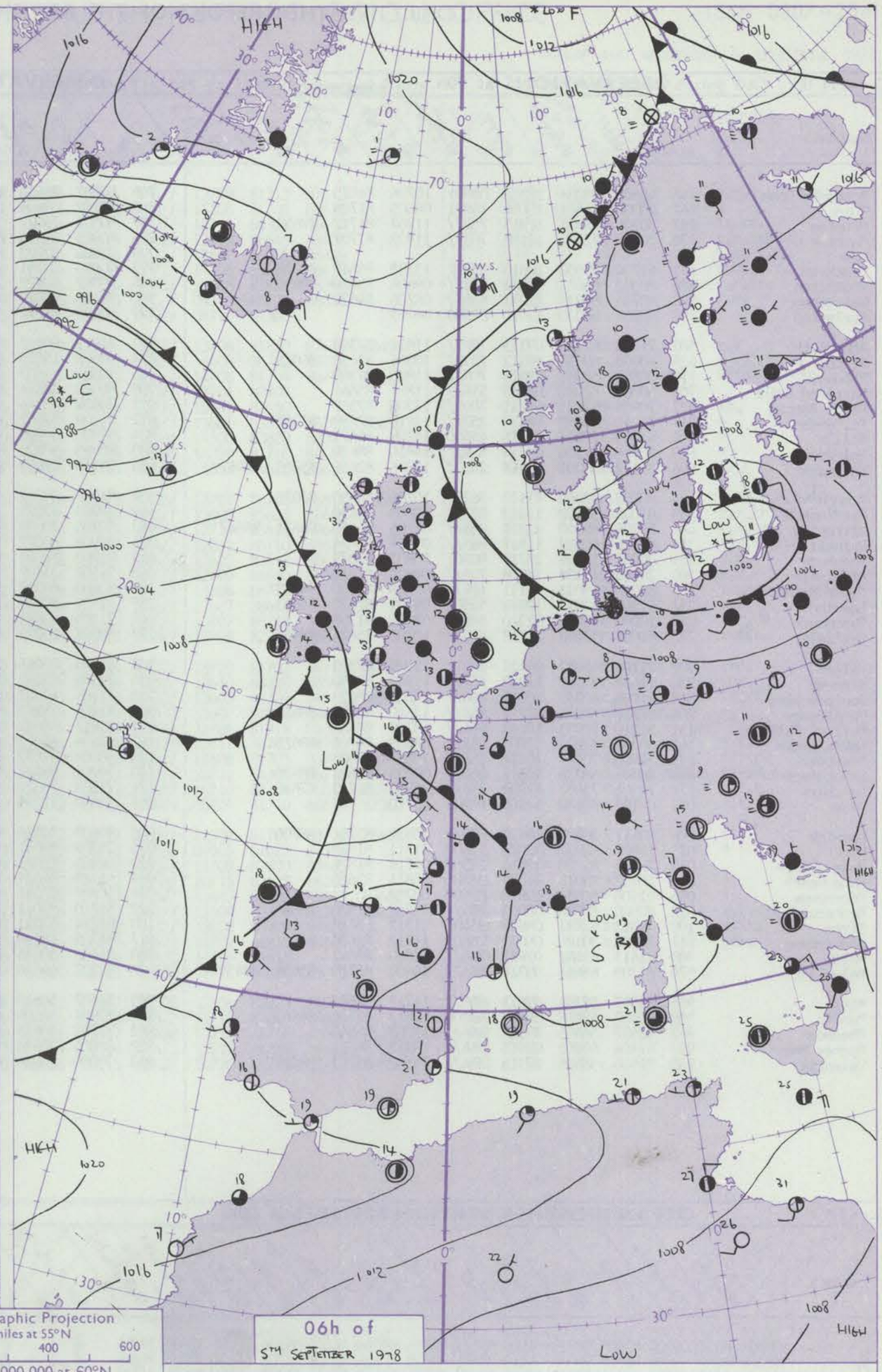
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	04181	72707	98022	02710	74500	00704	86628	/////	05304	11192	30302	29904
	99569	70199	04184	72410	98616	92911	5832/	31612	82707	83625	0//10	11387	30302	18006
	99660	10021	04184	70322	97022	17708	68470	00208	/////	/////	05405	11089	30404	/////
	99470	70170	04184	53316	98031	10117	22542	71310	82820	84073	0//12	11826	30604	32606

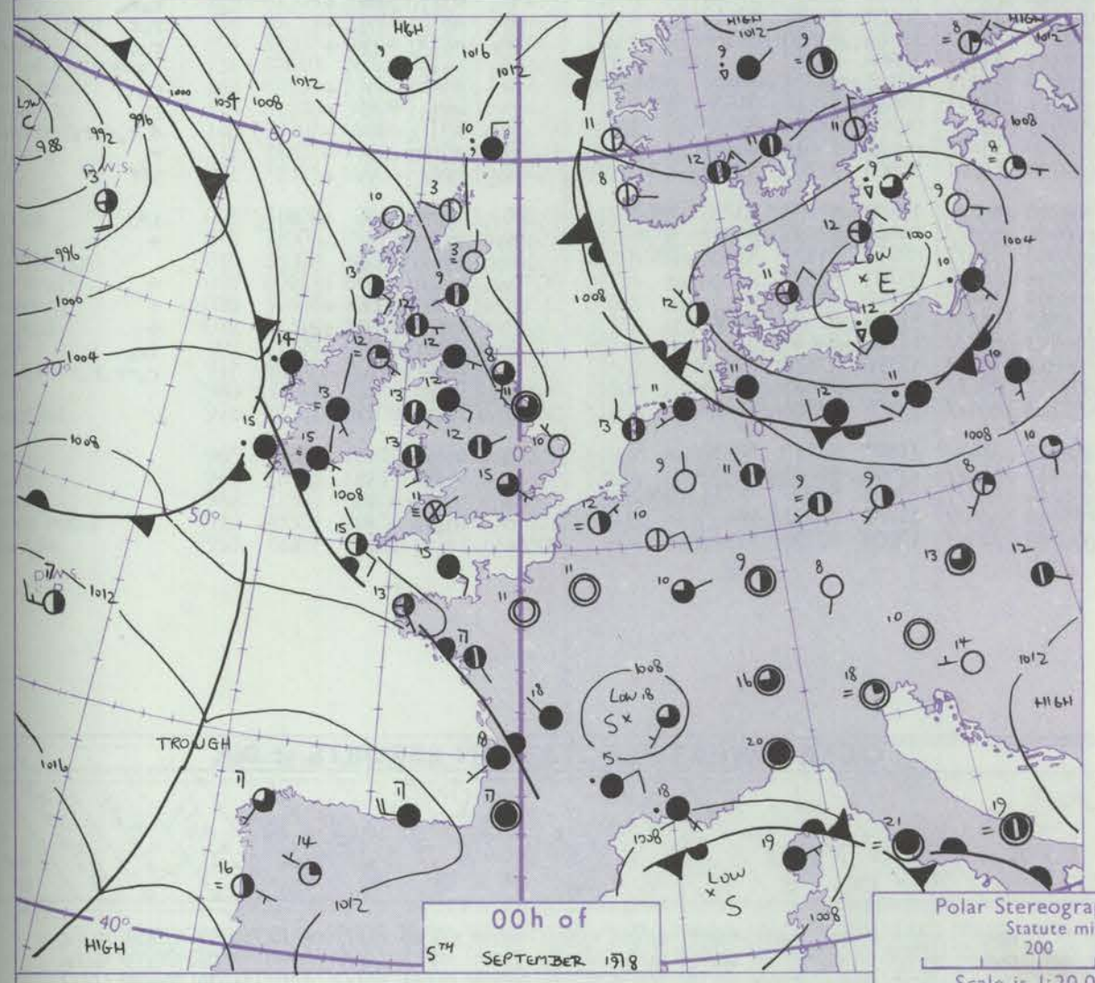
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 5 SEPTEMBER 1978

During the past 24 hours a depression over southern Sweden drifted slowly south and a complex low to the southwest of Iceland remained almost stationary maintaining a slack pressure gradient over much of the British Isles.

During the next 24 hours the complex depression to the southwest of Iceland is expected to remain almost stationary but an associated frontal trough lying southeast from the centre will move slowly northeast over much of the British Isles.

Code FM 11.V

OBSERVATIONS at 00h. 5 September 1978

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	40605	40051	10313	00901	10706	84075		
Hurn	862	20000	18401	10009	16001	08605	81700		
Manston	797	70706	68021	11213	754//	11707	84712	87650	
Gatwick	776	70905	22101	11112	763//	11802	87707		
Kew									
Heathrow	772	61204	35052	10615	35602	13705	83645	86070	
Honington	586	80502	66022	11811	855//	09604	83620	88656	
Wattisham	590	80705	68022	11911	856//	08706	88630		
Gorleston	497	03205	66020	12010	00900	08703			
Aberporth	502	71708	62212	09113	7097/	11811	87364		
Filton	628	60905	40052	10112	25732	10804	82650	86075	
Rhoose	715	70603	58051	09413	7093/	11805	87360		
Hartland Point	703	50000	62022	08615	556//	11807	85641		
Mount Batten	827	70805	57051	08715	7093/	13708	87362		
St.Mawgan	817	71210	58052	08114	2577/	11810	82650	87359	
Scilly	804	41209	70011	08215	45500	14709	84621		
Culdrose	809	80706	11104	08414	856//	14810	88630		
Guernsey	894	81112	50051	09015	2577/	13706	82656	85360	88462
Elmdon	534	70702	32042	11112	55702	10706	85650	87070	
Cardington	559	81006	58052	11013	857//	12808	88650		
Wittering	462	80706	60042	11811	855//	08705	84620	86634	88647
Watnall	354	80706	60022	11811	855//	09804	88624		
Shawbury	414	30904	15041	10711	00901	10803	83075		
Finningley	360	70000	45101	12208	755//	08804	87620		
Spurn Point	396	60000	75031	12111	11670	09708	81830	86360	
Leeming	257	51502	62012	12012	55500	09709	82620	85645	
Tynemouth	262	10000	69021	12310	10940	08607	81358		
Carlisle	222	81007	57042	11212	855//	10706	85624	88650	
Valley	302	71206	40041	09113	7097/	12809	87365		
Ringway	334	71602	35042	11213	757//	11705	87650		
Squires Gate	318	81008	40041	10812	856//	10705	88635		
Ronaldsway	204	80711	50041	09214	853//	13610	81708	88656	
Mull of Galloway	131	81210	70031	10113	856//	13708	88630		
Eskdalemuir	162	80203	72031	12009	853//	08805	85707	88625	
Prestwick	135	70905	70021	10312	756//	10808	87643		
Abbotsinch	140	80707	68036	10911	855//	09805	85624	88630	
Leuchars	171	72502	75031	12309	754//	07706	81712	87616	
Dyce	091	00102	60100	12303	00900	03710			
Lerwick	005	83611	30585	10810	870//	10812	83701	88706	
Wick	075	12802	82020	12303	15600	01711	81635		
Sule Skerry	010	20906	81020	12510	28500	06714	81820		
Cape Wrath	049	20922	85011	11509	25500	06814	82625		
Stornoway	026	01108	80010	10810	00900	09708			
Benbecula	022	80905	80026	08813	855//	12813	81620	88636	
Tiree	100	41312	62031	08613	35402	11712	83618		
Aldergrove	917	21207	30100	09012	25602	11712	82630		
Malin	980	81413	65102	07813	856//	11810	88642		
Belmullet	976	81709	66656	05314	6647/	14609	84718	85636	88459
Birr	965	81607	58101	07813	856//	11712	88632		
Dublin	969	41402	58108	08413	45200	12813	82705	84645	
Shannon	962	81407	56606	07114	856//	12707	88640		
Roches Point	952	81106	60102	07915	864//	13713	88711		
Valentia	953	81610	58606	07115	864//	14501	85713	88718	

OBSERVATIONS at 06h. 5 September 1978

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	80907	04424	09211	860//	11605	88700		
Hurn	862	80702	08604	08412	5572/	12708	85656	88460	
Manston	797	80504	74022	10114	854//	11604	81711	84615	88650
Gatwick	776	60903	05424	09910	25731	10607	82656	86075	
Kew	775	71004	62022	09814	757//	11704	87650		
Heathrow	772	70905	58051	09813	656/2	12705	81630	85656	87070
Honington	586	70802	80022	10910	755//	08601	85628	87650	
Wattisham	590	70406	80022	10910	756//	07602	83630	87656	
Gorleston	497	80000	66021	11010	855//	08400	88625		
Aberporth	502	71712	60052	07513	25738	10802	82650	84360	87275
Filton	628	60000	15052	09211	15772	10503	81650	83362	85075
Rhoose	715	70504	12602	08512	2577/	11502	82650	87362	
Hartland Point	703	80000	48626	07314	854//	11202	82715	88640	
Mount Batten	827	70908	56216	06715	45732	13608	84650	85362	85075
St.Mawgan	817	71109	57052	06314	2577/	12607	82650	87359	
Scilly	804	80000	50021	06915	856//	13503	88632		
Culdrose	809	80805	10102	06715	851//	15607	81702	84706	87710
Guernsey	894	71310	45052	07116	3567/	13608	83645	86360	
Elmdon	534	81306	50042	09812	863//	11502	88708		
Cardington	559	80703	62022	10012	854//	10605	88616		
Wittering	462	80705	70022	10611	855//	08504	86624	88636	
Watnall	354	80905	60022	10510	854//	09503	88614		
Shawbury	414	81002	23041	09311	5547/	10601	83618	84645	88360
Finningley	360	71102	35102	10409	756//	09506	87640		
Spurn Point	396	80000	68022	10812	856//	10604	88630		
Leeming	257	81502	50042	10310	854//	09608	88618		
Tynemouth	262	71105	80021	10611	7093/	07707	8758		
Carlisle	222	80807	60022	09110	855//	08606	82628	88650	
Valley	302	81003	25046	07713	4567/	12705	81635	84656	88460
Ringway	334	71302	45042	09512	754//	10704	82614	87645	
Squires Gate	318	71105	40042	08711	755//	10607	82628	87640	
Ronaldsway	204	81406	25212	07714	5577/	13704	85650	88362	
Mull of Galloway	131	81617	60032	07313	864//	13808	88710		
Eskdalemuir	162	83606	66022	10009	853//	07505	82707	86618	88640
Prestwick	135	80806	62032	08012	7547/	09810	81618	84626	86650
Abbotsinch	140	70707	68022	08911	7563/	08708	82636	87650	
Leuchars	171	71503	75022	10010	754//	08610	84618	86640	
Dyce	091	53602	12284	10750	16201	50506	81705	85080	
Lerwick	005	83409	70026	09010	852//	10608	81705	83710	88618
Wick	075	72705	89031	10004	2557/	04612	82625	84359	86362
Sule Skerry	010	80905	81021	10010	38577	08714	81820	83358	88270
Cape Wrath	049	41119	84021	09608	25505	05703	82625		
Stornoway	026	50808	82031	08709	35632	08710	83640		
Benbecula	022	51210	80011	06912	25531	11711	82625	84075	
Tiree	100	81214	62031	06313	857//	11713	88656		
Aldergrove	917	81305	18216	06812	855//	12710	83620	87638	
Malin	980	81406	30626	05712	7562/	11610	87645	88458	
Belmullet	976	82203	64616	05213	3647/	13501	83716	88458	
Birr	965	81607	58616	06612	7642/	11808	87710	88457	
Dublin	969	82901	56606	07313	4567/	11501	84635	88459	
Shannon	962	81202	30635	06214	863//	13609	83707	86711	88620
Roches Point	952	80805	50636	06614	4647/	14707	83711	88458	
Valentia	953	70000	70026	06713	785//	13103	81720	87640	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
Boscombe Down	746	95101	07	+	ffr
Hurn	862	92071	04	if	r$_o$rfifr$_o$r$_o$
Manston	797	00130	11	+	+
Gatwick	776	00090	05	fFF	Ffif
Kew	775	00130	10	+	+
Heathrow	772	00120	09	+	+
Honington	586	00090	09	+	+
Wattisham	590	00100	09	+	+
Gorleston	497				
Aberporth	502	01121	07	ir$_o$	ir$_o$ir
Filton	628	91111	05	+	r$_o$
Rhoose	715	01111	08	+	r$_o$rfr$_o$rr$_o$
Hartland Point	703	03131	09		
Mount Batten	827	97140	13	ir$_o$	r$_o$r$_o$ir$_o$
St.Mawgan	817	97140	12	+	ir$_o$
Scilly	804	00140	11	+	+
Culdrose	809	06142	13	+	ir$_o$rr
Guernsey	894	00150	14	+	+
Elmdon	534	00110	07	+	+
Cardington	559	00120	12	+	+
Wittering	462	00110	10	+	+
Watnall	354	00100	09	+	+
Shawbury	414	00110	07	+	+
Finningley	360	91071	03	+	ir$_o$d$_o$r$_o$
Spurn Point	396			+	+
Leeming	257	00100	08	+	+
Tynemouth	262	00091	04	+	+
Carlisle	222	00100	09	+	+
Valley	302	01111	09	+	ir$_o$
Ringway	334	97110	09	+	r$_o$r
Squires Gate	318	91111	09	+	r$_o$r$_o$
Ronaldsway	204	01131	11	+	r$_o$r$_o$r
Mull of Galloway	131	01121			
Eskdalemuir	162	92081	06	+	r$_o$
Prestwick	135	97111	07	+	r$_o$
Abbotsinch	140	92101	08	+	d$_o$r$_o$d$_o$r$_o$
Leuchars	171	97081	06	+	r$_o$
Dyce	091	00511	53	+	iff
Lerwick	005	95091	09	id$_o$d$_o$r$_o$	id$_o$
Wick	075	00020	51	+	+
Sule Skerry	010	00090	05		
Cape Wrath	049	00081	07	+	+
Stornoway	026	00091	06	+	+
Benbecula	022	97121	09	ir$_o$	+
Tiree	100	97111	07	+	ir$_o$
Aldergrove	917	94111	10	+	r$_o$-r$_o$r$_o$
Malin	980	9612	10		
Belmullet	976	1412	12		
Birr	965	0512	10		
Dublin	969	9412	11		
Shannon	962	0514	13		
Roches Point	952	0414	13		
Valentia	953	1112	11		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	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	05001	82608	98028	01510	855//	00706	88624	/////	05306	11152	3//02	29/04
L	99569	70199	05004	51619	98036	94413	28431	00500	81816	83078	0//08	11404	30404	24106
M	99660	10019	05004	80426	97022	17609	884//	00804	/////	/////	05207	10796	30505	/////
R	99470	70170	05004	42715	98021	12917	38502	00006	82820	/////	0//13	11832	30604	30606

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	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	05061	72810	98032	99310	55550	00608	85624	/////	05304	11182	3//04	29/04
L	99570	70200	05064	22318	98038	94812	22401	00325	/////	/////	0//09	11386	30303	24006
M	99660	10015	05064	80724	97022	16909	874//	00703	/////	/////	05208	11079	30505	/////
R	99469	70168	05064	52721	98031	12116	48502	00602	83820	/////	0//14	11819	30707	/////

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

42657 Date of Issue WEDNESDAY 6 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 5 September 1978

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	81108	28616	08115	872//	14707	86705	88707	
Hurn	862	80906	22214	07616	852//	15706	85704	88620	
Manston	797	60810	75212	09816	2547/	11803	82618	83359	85362
Gatwick	776	71109	56044	08618	12531	12809	81822	84360	
Kew	775	51308	65022	08419	28531	12710	82825	83075	
Heathrow	772	71207	60032	08419	12571	12710	81826	84360	86075
Honington	586	71205	59042	09815	3573/	08709	83650	87360	
Wattisham	590	71106	59042	09915	28538	09708	81825	87275	
Gorleston	497	60605	66022	10413	55530	09705	85625	83358	
Aberporth	502	81712	45216	07615	6577/	13602	86650	88360	
Filton	628	81109	20216	07815	873//	14708	82706	84708	88710
Rhoose	715	80704	13606	07414	872//	13605	83703	85704	88706
Hartland Point	703	80000	58216	06615	854//	14601	84710	88645	
Mount Batten	827	71009	38216	05816	17378	15806	81709	83360	86365
St.Mawgan	817	71005	56216	06517	783//	15703	82706	83808	87645
Scilly	804	63607	50052	07619	35530	14302	83628	85360	
Culdrose	809	70802	59056	06317	6832/	15802	82708	86630	87462
Guernsey	894	71712	56052	06517	1577/	13000	81650	83358	85360
Elmdon	534	81608	60042	08316	6842/	12710	84815	84645	88459
Cardington	559	51008	50052	08717	1153/	12714	81825	85365	
Wittering	462	71308	59042	09415	35471	09711	83618	86360	
Watnall	354	71206	56052	08914	754//	11610	83612	87622	
Shawbury	414	71506	36042	07616	3547/	13711	81712	83625	85359
Finningley	360	81105	58046	09213	854//	11711	88617		
Spurn Point	396	71110	66012	09815	3567/	11709	83630	87360	
Leeming	257	81609	50602	09312	855//	09709	88620		
Tynemouth	262	81410	69022	09012	856//	10711	88635		
Carlisle	222	81205	50602	07513	854//	11609	82615	84625	88640
Valley	302	82010	30606	07014	852//	13706	83705	85711	88640
Ringway	334	81504	35616	08513	854//	11709	82710	88630	
Squires Gate	318	81211	35216	07614	854//	12709	83712	85630	88650
Ronaldsway	204	81507	09606	06614	870//	13807	81700	83702	88703
Mull of Galloway	131	81810	56206	06413	864//	13708	88710		
Eskdalemuir	162	83504	57606	08111	854//	09710	82712	86625	88640
Prestwick	135	81108	50586	06813	854//	11808	82714	85618	87625
Abbotsinch	140	80707	60586	07510	852//	09709	81705	86615	88620
Leuchars	171	81107	75026	08511	854//	08712	83712	87645	88656
Dyce	091	71305	80024	08513	754//	08610	87616		
Lerwick	005	71008	57052	08913	782//	11400	81703	83705	86615
Wick	075	71005	89022	08412	3857/	09709	81825	83640	87359
Sule Skerry	010	80000	80022	08312	855//	11710	88620		
Cape Wrath	049	60913	84021	07212	40935	08714	84360		
Stornoway	026	50608	80021	07613	28532	09615	81826	83358	
Benbecula	022	81310	59216	05513	6537/	11706	82708	86626	88459
Tiree	100	81219	60056	04913	7532/	10710	81708	87628	88459
Aldergrove	917	82307	30616	06113	871//	13502	81702	85703	88705
Malin	980	82713	58616	05213	5642/	12001	81710	85714	88458
Belmullet	976	42507	81038	05116	48402	11804	81717	83820	
Birr	965	52805	75016	06417	585//	11807	84822		
Dublin	969	82805	65615	06415	7647/	13804	84710	86620	88459
Shannon	962	32302	80026	06518	28505	11803	82825		
Roches Point	952	80000	20656	07314	6722/	13000	86705	88558	
Valentia	953	72207	75032	07017	18506	13804	81823	87270	

OBSERVATIONS at 18h. 5 September 1978

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	71308	35056	06014	754//	13709	81713	87645	
Hurn	862	80702	40056	05916	853//	15508	81708	88630	
Manston	797	80812	64601	07315	8097/	12712	86359	88464	
Gatwick	776	80807	32636	06515	6562/	13713	86645	88458	
Kew	775	81401	35636	06615	6572/	13607	86650	88459	
Heathrow	772	81102	30616	06615	5572/	14708	85650	88458	
Honington	586	81307	58606	07714	3573/	10606	83656	88360	
Wattisham	590	81109	59606	08013	855//	09710	83625	88656	
Gorleston	497	71305	66022	08614	7097/	08710	87360		
Aberporth	502	81705	40212	05614	7857/	13708	81820	87635	88459
Filton	628	81005	08596	05915	871//	14608	86702	88703	
Rhoose	715	82202	12286	05615	852//	14708	81704	86707	88612
Hartland Point	703	82708	30022	05315	863//	13704	88708		
Mount Batten	827	72205	27102	05816	757//	15501	87650		
St.Mawgan	817	72706	25102	06115	751//	15601	83702	85703	86650
Scilly	804	52210	68031	07716	32501	14500	83820	83075	
Culdrose	809	53008	57051	06516	11401	14301	81710	84080	
Guernsey	894	72507	35056	05716	7558/	14303	84622	85650	
Elmdon	534	81406	30616	06313	7532/	12707	85706	86612	88550
Cardington	559	81206	35636	06814	855//	13608	85625	88650	
Wittering	462	81105	18636	07114	855//	12710	83625	88645	
Watnall	354	81207	25612	06313	854//	12812	86710	88615	
Shawbury	414	81402	50608	06014	854//	12603	83712	88622	
Finningley	360	80905	30616	06813	856//	12609	84630	88650	
Spurn Point	396	81212	58216	08214	864//	13506	88715		
Leeming	257	81503	13636	07412	854//	11607	88614		
Tynemouth	262	81910	30616	07312	864//	10707	88718		
Carlisle	222	81404	28636	05213	853//	13708	82709	88615	
Valley	302	71802	30516	05514	4727/	13709	81703	84710	87359
Ringway	334	81407	20626	06214	3252/	12610	83820	88540	
Squires Gate	318	80702	11656	06113	6332/	13605	85709	84915	88525
Ronaldsway	204	62404	80036	05114	58432	12607	81815	84656	
Mull of Galloway	131	72707	60216	05212	13471	12706	81918	86360	
Eskdalemuir	162	80000	20636	05911	871//	11611	84702	88705	
Prestwick	135	82206	50616	04712	852//	12608	81703	83704	85707
Abbotsinch	140	81203	28636	04911	872//	10712	84705	86710	88714
Leuchars	171	81210	56632	06412	6532/	10710	83708	86618	88550
Dyce	091	71610	70152	07111	65474	08704	81710	86614	87360
Lerwick	005	71207	57102	08912	780//	11302	81701	83703	86616
Wick	075	71309	75022	06811	1553/	09605	81625	87359	
Sule Skerry	010	71109	81022	06312	785//	11709	82820	87635	
Cape Wrath	049	60917	84022	04612	2553/	10715	82625	86360	
Stornoway	026	70403	75032	04313	3557/	11610	81620	83645	87462
Benbecula	022	80907	40616	03812	862//	11604	83703	85705	88708
Tiree	100	72313	65616	02812	6632/	12608	86709	87458	
Aldergrove	917	40903	80016	04614	38431	11709	81815	83630	
Malin	980	30705	82016	04214	28432	11706	81818		
Belmullet	976	61707	80021	02715	28532	11711	81820	85070	
Birr	965	51806	81012	04317	22502	12506	82823	84070	
Dublin	969	61506	66806	04415	585/2	11710	82822	84650	
Shannon	962	70000	82021	03417	28478	11716	81716	85460	86270
Roches Point	952	72113	75026	04916	684/2	12614	81819	86635	87072
Valentia	953	81810	65616	03115	3642/	14720	81710	83717	88556

OBSERVATIONS during DAY

Station	iii	RRTxTnE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	92161	003	rr_or_o	r_or_o
Hurn	862	05171	000	r_or_orR	R
Manston	797	01171	025	r_o	ir_orr_o
Gatwick	776	04191	012	r_or_o	$r_or_orrRd_or_o$
Kew	775	01191	029	r_or_o	r_or_o-r_or
Heathrow	772	01191	029	r_or_o	$r_or_orr_or_o$
Honington	586	97171	009	+	$r_or_oir_o$
Wattisham	590	91171	011	+	r_or_o
Gorleston	497		077		
Aberporth	502	92151	000	ir_o	r_oF
Filton	628	05151	002	$r_ord_or_o$R	$d_or_o$rfdrdr
Rhoose	715	06151	000	$r_or_ofd_ofrff$	$Rffd_offifrR$$r_o$
Hartland Point	703	92161	000		
Mount Batten	827	07181	010	rR	ir_o
St.Mawgan	817	97180	000	r_o	+
Scilly	804	00200	053	+	+
Culdrose	809	97171	008	r_o	+
Guernsey	894	97170	001	ir_o	ir_of
Elmdon	534	04171	001	r_o	$r_oRd_or_od_o$dr
Cardington	559	02181	009	r_or_o	$r_or_orr_or_o$
Wittering	462	03161	001	+	r_or_orrff
Watnall	354	94171	000	+	r_or_o-$d_or_od_or_o$
Shawbury	414	91181	000	+	r_or_o
Finningley	360	94151	000	d_or_o-r_o	r_or_or
Spurn Point	396			+	$ir_or_or_o$
Leeming	257	09121	000	r_or_or	r_orr
Tynemouth	262	05132	000	+	r_or_orr
Carlisle	222	05151	001	r_or_o	rrRr_o
Valley	302	05161	000	$r_or_oir_or$	rrd_o
Ringway	334	05161	000	r_or_o-r_o	rRr_or_oR
Squires Gate	318	13152	000	$r_or_oir_o$	$ir_orRfr_or_o$
Ronaldsway	204	02151	014	$rir_ofr_or_o$	r_o
Mull of Galloway	131	04131			
Eskdalemuir	162	07112	000	r_or_o	r_or_orr
Prestwick	135	12131	000	d_or_orr	rrr_or_o
Abbotsinch	140	10122	000	$d_or_od_or_or_o$r	$rrr_od_or_o$
Leuchars	171	02121	000	r_o	r_or_or
Dyce	091	97141	049	+	r_or_o
Lerwick	005	00141	004	+	+
Wick	075	00130	034	+	+
Sule Skerry	010	00130			
Cape Wrath	049	00121	105	+	+
Stornoway	026	00131	061	+	+
Benbecula	022	05151	006	r_or_o	$r_or_orrr_or_o$
Tiree	100	03131	000	ir_or_or	rr_or_o
Aldergrove	917	07141	015	r_or_orr	pRr_o
Malin	980	0415	018		
Belmullet	976	0218	064		
Birr	965	0319	053		
Dublin	969	0118	026		
Shannon	962	9619	049		
Roches Point	952	0816	018		
Valentia	953	0118	048		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

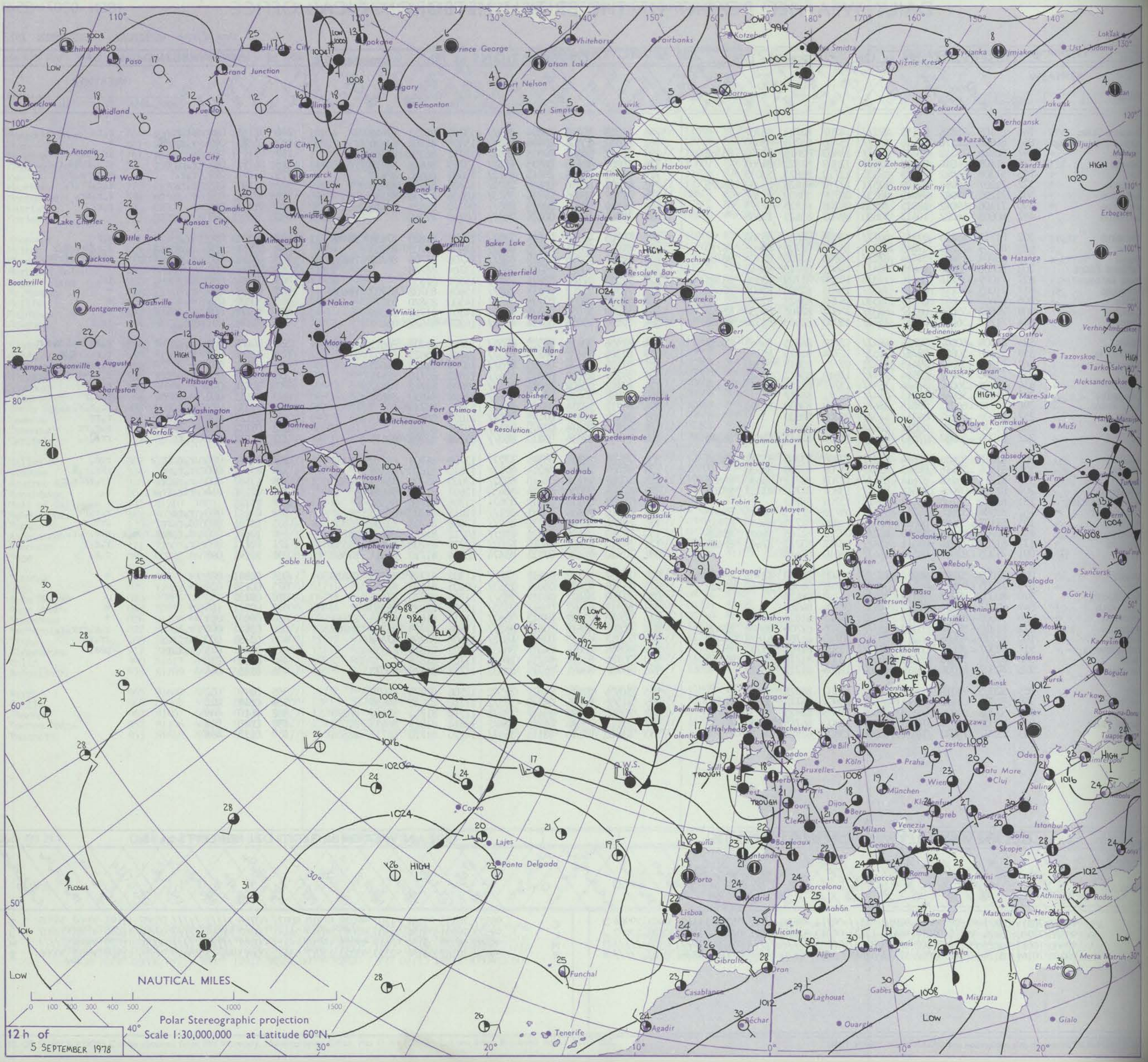
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05121	82808	98022	97910	855//	00711	88620	/////	05206	11142	30403	29904
L	99570	70200	05124	31914	98018	98413	13431	00313	81914	83075	0//08	11391	30403	22007
M	99660	10013	05124	80424	97502	16410	874//	00705	/////	/////	05109	11072	30505	/////
R	99469	70169	05124	82622	97032	12417	42548	00707	84820	84360	0//16	11836	30707	/////

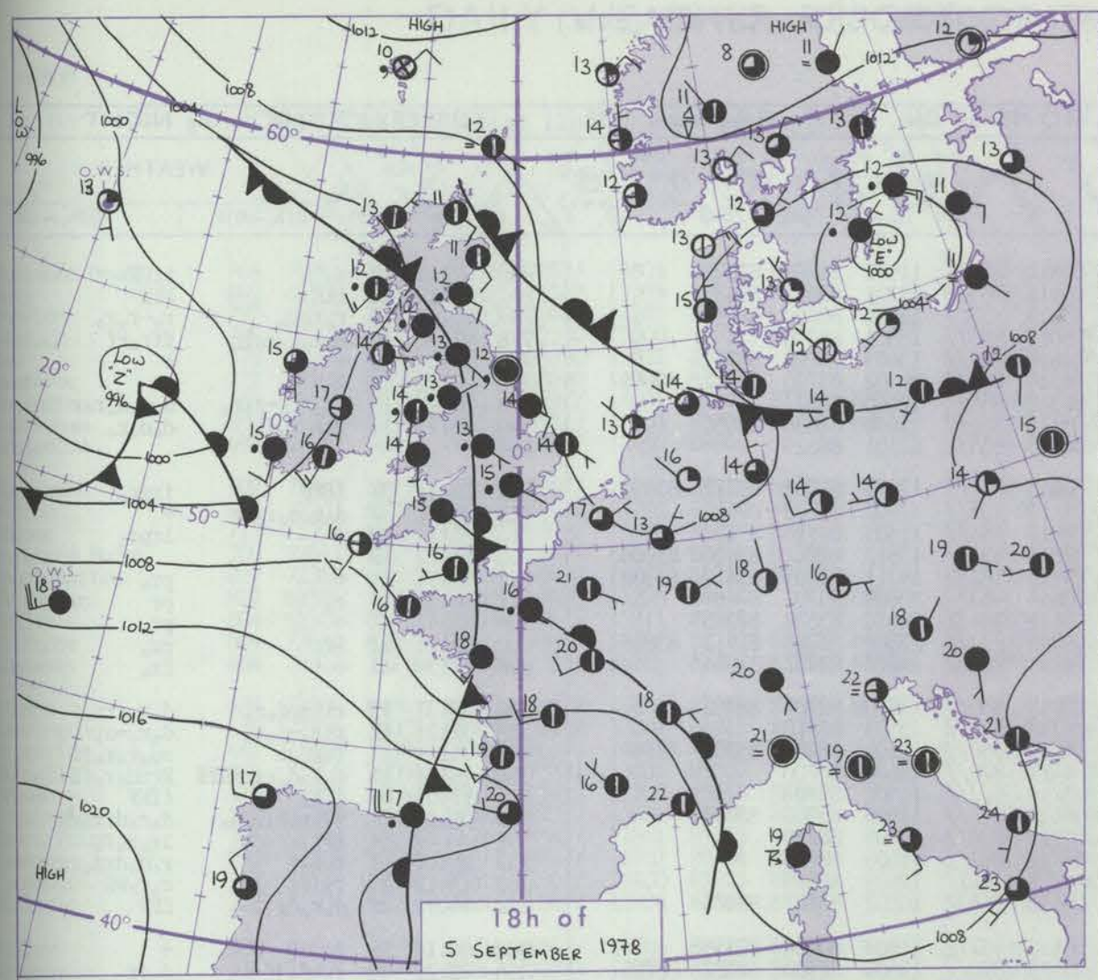
OCEAN WEATHER STATION REPORTS at 18h.

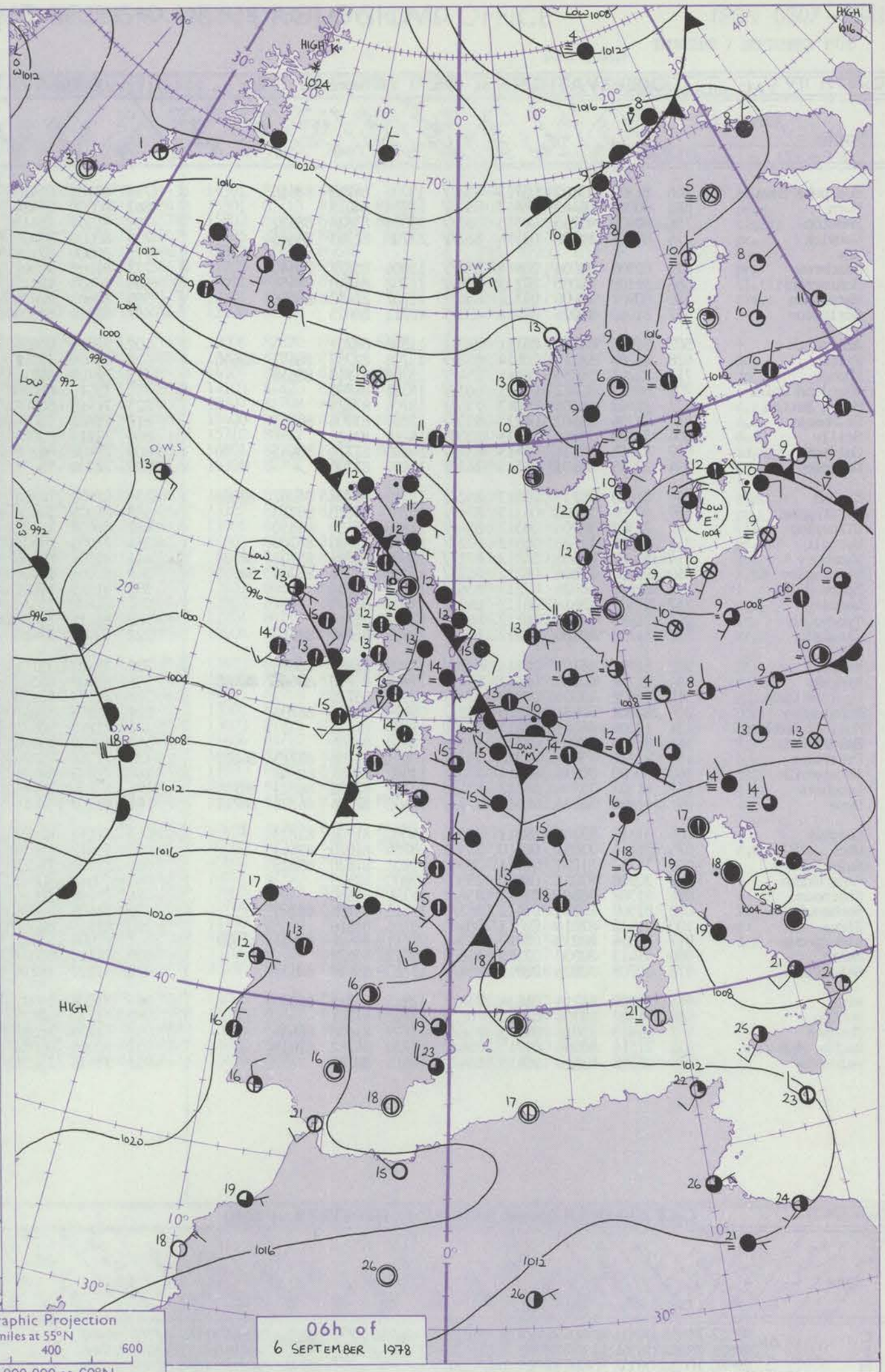
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	05181	81107	98028	91310	8097/	00746	/////	/////	05307	11193	30302	36005
L	99570	70201	05184	21607	97010	99313	24431	00302	81818	/////	0//06	11404	30301	22007
M	99660	10020	05184	80617	97025	16210	863//	00302	/////	/////	00010	11079	30404	/////
R	99470	70167	05184	82527	97022	11017	4747/	00613	84813	88459	0//16	11818	30812	30006

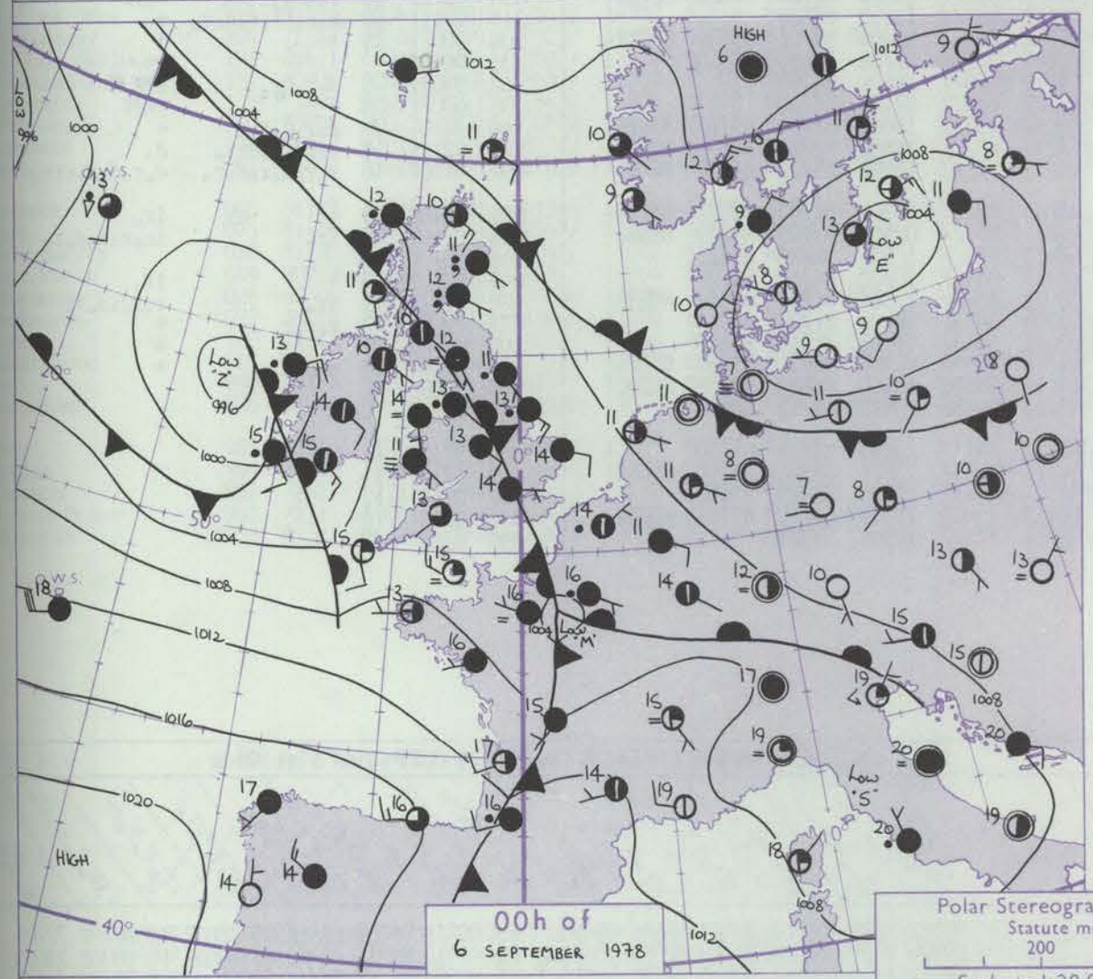
All times of observation printed in this publication are GREENWICH MEAN TIME.

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.

Issued at midday WEDNESDAY 6 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours troughs of low pressure moved slowly eastwards across the British Isles with a shallow low centre developing over the Channel and subsequently moving east. Another centre formed just to the northwest of Ireland.

During the next 24 hours further troughs of low pressure are expected to move eastwards across most parts of the British Isles.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 6 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	81303	23102	05713	853//	13705	84708	88615	
Hurn	862	80000	06462	05613	854//	13704	88615		
Manston	797	80909	45216	06515	855//	13806	83624	88632	
Gatwick	776	80807	18106	05914	852//	13709	82705	88645	
Kew									
Heathrow	772	80905	36056	05914	855//	13806	85627	88640	
Honington	586	81103	45056	07212	4562/	11708	84640	88458	
Wattisham	590	80907	45606	07312	856//	11707	82630	88656	
Gorleston	497	81010	66026	07614	855//	10711	88625		
Aberporth	502	81505	04424	05111	860//	11808	88701		
Filton	628	82205	18215	05014	853//	13708	82708	86617	88630
Rhoose	715	82705	50056	05014	854//	13703	81710	88618	
Hartland Point	703	62612	30022	05615	662//	14301	86705		
Mount Batten	827	72402	40106	06013	755//	13704	87625		
St.Mawgan	817	82104	56602	06214	853//	13804	83706	88645	
Scilly	804	31709	75016	06115	35500	14716	83622		
Culdrose	809	82605	59216	06415	854//	14805	81710	88645	
Guernsey	894	22915	56101	06515	16302	14400	81706		
Elmdon	534	81408	16215	05013	852//	13710	85704	86707	88656
Cardington	559	80904	35606	06313	874//	13707	85710	88713	
Wittering	462	81307	10206	06512	856//	11808	83630	88650	
Watnall	354	81205	11586	05912	872//	12610	85703	88709	
Shawbury	414	80602	08606	04912	872//	12607	82704	85707	88708
Finningley	360	81207	17506	06212	853//	12708	83706	85708	88630
Spurn Point	396	81416	66606	07213	856//	11708	88630		
Leeming	257	81407	15616	06112	862//	11809	88703		
Tynemouth	262	81615	56216	06112	864//	12808	88714		
Carlisle	222	81603	40106	05012	863//	12001	86709	88713	
Valley	302	81706	56105	04414	853//	13709	81707	88618	
Ringway	334	81302	40106	05412	854//	12709	81710	8864~~5~~	~~88645~~
Squires Gate	318	81402	15606	04913	874//	13808	88710		
Ronaldsway	204	80204	70031	04308	862//	07810	86705	88708	
Mull of Galloway	131	12104	66011	04911	15500	11606	81625		
Eskdalemuir	162	81405	13586	05011	870//	11803	88701		
Prestwick	135	71202	75026	04310	753//	10806	81708	83715	86625
Abbotsinch	140	80000	30216	04411	870//	11802	83701	88702	
Leuchars	171	81107	25596	05112	871//	11707	82702	86703	88704
Dyce	091	81306	50586	06611	873//	10605	82706	86708	88710
Lerwick	005	31112	57101	09811	36000	10000	81701	83703	
Wick	075	51414	75031	06610	35531	08704	81620	83645	
Sule Skerry	010	31114	81031	06111	38500	09702	81820	83625	
Cape Wrath	049	20908	82021	04810	25500	09803	82625		
Stornoway	026	81302	70606	03812	856//	11704	88630		
Benbecula	022	81509	60216	01612	863//	12613	85706	88709	
Tiree	100	21610	82016	03311	28400	10705	81816		
Aldergrove	917	71306	82038	03810	45502	09711	81626	84632	87080
Malin	980	41413	80030	02511	45600	09812	84639		
Belmullet	976	80708	70606	98913	854//	11723	83718	88637	
Birr	965	71308	66218	01414	754//	12815	83715	86630	
Dublin	969	71307	18108	03113	761//	13812	87701		
Shannon	962	61410	75016	99915	656//	13719	83630	86650	
Roches Point	952	71514	65038	01715	784//	15720	84712	87635	
Valentia	953	81608	65616	99415	864//	14615	88710		

OBSERVATIONS at 06h. 6 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	62102	01416	04811	25201	11501	81704	85075	
Hurn	862	60000	05424	04912	55502	12301	83625	83635	
Manston	797	81105	28612	05014	855//	13501	82620	88650	
Gatwick	776	80000	03466	05013	860//	13301	88700		
Kew	775	80000	22102	04614	863//	13603	85708	88712	
Heathrow	772	81603	24102	04614	853//	14502	83706	85712	88645
Honington	586	80603	18215	05312	855//	12605	88627		
Wattisham	590	80607	22606	05213	856//	12606	82630	88650	
Gorleston	497	81210	58026	06115	855//	12501	88625		
Aberporth	502	71712	20604	02413	750/2	12613	81701	85712	87630
Filton	628	70000	12101	04413	753//	12602	82708	87625	
Rhoose	715	82703	60216	04013	854//	11503	81710	87620	
Hartland Point	703	72015	62036	02813	4847/	13612	82812	83620	85360
Mount Batten	827	71910	58102	04115	58231	14711	82705	83810	85362
St.Mawgan	817	71608	58036	03614	4637/	13609	83707	87460	
Scilly	804	72211	65028	03615	38432	14610	83818	87075	
Culdrose	809	72408	64258	04214	733//	13508	81708	81912	83816
Guernsey	894	72309	75031	06214	7813/	14102	82702	87624	
Elmdon	534	81905	10106	03913	860//	13500	82701	88702	
Cardington	559	81305	20106	04713	864//	13503	88710		
Wittering	462	81407	11586	04812	852//	12605	83703	85705	88640
Watnall	354	81005	07636	04412	870//	12604	88700		
Shawbury	414	91602	00456	03711	9////	11501	89/03		
Finningley	360	81005	19636	04511	872//	11505	85703	88705	
Spurn Point	396	81315	66026	05713	856//	11705	88630		
Leeming	257	81406	18516	04711	862//	11605	88703		
Tynemouth	262	81416	39616	05112	8042/	12603	88515		
Carlisle	222	50000	01425	04110	36332	10502	83707	83075	
Valley	302	71107	35101	02612	45772	11609	84656	87358	
Ringway	334	83302	04505	03913	860//	13603	82700	84702	88703
Squires Gate	318	81107	10106	03612	862//	12603	88705		
Ronaldsway	204	80908	58041	02712	863//	11604	83707	85708	88711
Mull of Galloway	131	71211	80031	03212	3853/	11708	82820	85360	
Eskdalemuir	162	80000	05466	04610	860//	10501	88700		
Prestwick	135	71106	05424	03707	660/2	07705	86700		
Abbotsinch	140	71403	57106	03910	753//	10603	81706	85711	87616
Leuchars	171	81206	35106	04312	852//	11602	81704	84706	88626
Dyce	091	81207	30616	05711	871//	10502	83702	86703	88704
Lerwick	005	71111	60101	10011	6823/	10302	81704	83707	85650
Wick	075	81412	65616	06411	852//	09500	83705	85709	88630
Sule Skerry	010	81120	74021	05611	885//	10501	82820	88625	
Cape Wrath	049	80912	80601	04111	854//	10702	84710	88620	
Stornoway	026	81702	70616	03912	853//	11301	81707	83614	88630
Benbecula	022	51403	80036	02708	38331	08101	81707	83075	
Tiree	100	61114	84031	02311	55432	10707	81618	84640	
Aldergrove	917	71008	57031	01512	25636	10709	82630	85360	86270
Malin	980	71113	80031	00412	38536	10610	81822	83650	86270
Belmullet	976	51107	74216	95713	26432	13612	81712	84070	
Birr	965	71508	64022	98515	754//	13613	83715	87630	
Dublin	969	71310	40102	00614	7623/	13614	83704	83710	85640
Shannon	962	81909	75036	98314	854//	12500	83715	87630	
Roches Point	952	72005	70038	00113	13402	13301	81715	81918	87072
Valentia	953	72413	75258	99714	725//	12303	87820		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97111	07	r_o	ifFF
Hurn	862	00111	10	ffF	FFf
Manston	797	01141	13	r_orrr_o	r_o–r_or_o
Gatwick	776	91131	12	$d_or_od_or_oif$	ffr_off
Kew	775	00131	12	+	+
Heathrow	772	00141	13	+	+
Honington	586	02121	11	ir_o–r_o–d_or_o	$d_or_od_or_or$
Wattisham	590	96121	11	$r_od_or_od_o$	$d_od_or_o$
Gorleston	497				
Aberporth	502	02111	07	ffFF	$irir_o$
Filton	628	02121	07	$d_or_od_or_odr$	+
Rhoose	715	01121	10	+	$irpr_o$
Hartland Point	703	01132	12		
Mount Batten	827	93131	11	+	pr_o
St.Mawgan	817	04131	11	r_o	pr
Scilly	804	03141	13	+	pr
Culdrose	809	04131	11	ir_o	pr_o
Guernsey	894	97130	11	+	ir_o
Elmdon	534	03131	13	$rr_odrd_or_o$	$d_or_orrr_of$
Cardington	559	02121	12	rir_o–d_or_o	d_or_o–d_o
Wittering	462	04111	11	rr_od_of	$rd_or_or_off$
Watnall	354	14121	11	$d_or_od_or_oRRff$	$Rrrd_or_off$
Shawbury	414	97101	09	ffr_o	ffFF
Finningley	360	08111	11	$rd_or_od_or_od_o$	$d_or_odrr_orR$
Spurn Point	396			ir_o	$ir_or_or_o$
Leeming	257	05111	11	r_or_or	$r_od_odrd_or_o$
Tynemouth	262	13112	11	$rrir_o$	r_or_oRR
Carlisle	222	94091	06	d_or_odr	fFF
Valley	302	00111	10	+	+
Ringway	334	02121	06	r_ord_ojf	d_off
Squires Gate	318	92111	10	$r_or_offir_od_or_o$	+
Ronaldsway	204	00071	05	+	+
Mull of Galloway	131	00101			
Eskdalemuir	162	93091	06	$d_or_odr_o$	~~fff~~ ff
Prestwick	135	00071	05	+	ifff
Abbotsinch	140	92101	09	$d_or_od_or_o$	+
Leuchars	171	02111	11	$rr_od_or_odrr_o$	d_o
Dyce	091	04101	10	$r_or_od_or_od_or_o$	$d_or_od_or_orrr_o$
Lerwick	005	97101	09	+	ir_o
Wick	075	03102	07	ir_o	$ir_or_or_od_or_o$
Sule Skerry	010	95101	09		
Cape Wrath	049	97101	08	+	ir_o
Stornoway	026	97111	11	ir_o	$r_or_oid_or_o$
Benbecula	022	02081	02	r_or_or	+
Tiree	100	00101	07	+	+
Aldergrove	917	02101	08	pRr_oR	+
Malin	980	9709	07		
Belmullet	976	0513	11		
Birr	965	9713	11		
Dublin	969	9713	11		
Shannon	962	0314	12		
Roches Point	952	0313	12		
Valentia	953	0513	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	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06001	80814	97616	80510	3732/	00736	83707	88519	05110	11147	3//07	36/07
L	99571	70201	06004	61709	98801	00112	38402	61003	82815	85075	0//08	11417	30302	23006
M	99660	10020	06004	80616	97022	16211	863//	00803	/////	/////	00109	11060	30303	/////
R	99470	70169	06004	82628	97022	12017	2647/	00204	82710	88459	0//16	11828	30811	/////

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	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06061	80607	96636	80610	5732/	00211	85709	88518	05310	11218	3//02	///05
L	99570	70205	06064	51113	98038	97613	28431	61713	82815	83360	0//10	11391	30302	22006
M	99661	10016	06064	60716	97018	15810	35470	00502	/////	/////	00008	11088	30303	/////
R	99470	70172	06064	82531	97016	08618	3747/	00718	83810	88459	0//17	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

No. 42658

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue THURSDAY 7 SEPTEMBER 1978

OBSERVATIONS at 12h. 6 September 1978

Code FM 11.V

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	71811	68024	04719	7853/	13803	83822	86656	
Hurn	862	42309	80014	05118	11532	13703	81825	83360	
Manston	797	81505	24656	05915	8062/	14205	88540		
Gatwick	776	52306	57044	05619	42530	13000	84822		
Kew	775	62001	45052	05118	48530	13802	83820		
Heathrow	772	52102	50052	05119	48530	14000	83822		
Honington	586	81406	17215	05415	853//	14001	85706	87710	88635
Wattisham	590	81607	12586	05714	852//	14203	83705	85708	88612
Gorleston	497	81411	56026	06116	856//	12400	88640		
Aberporth	502	71810	68256	02216	784//	15601	85815	86630	
Filton	628	72207	65021	04218	785//	13705	83820	86645	
Rhoose	715	71708	68028	03818	6843/	14704	81816	86650	
Hartland Point	703	52611	66012	03215	28470	15501	82818	85360	
Mount Batten	827	72310	64028	04318	58402	16001	81712	84818	
St.Mawgan	817	62514	70038	04218	58432	15205	84810		
Scilly	804	62816	65012	05718	22471	15211	82818		
Culdrose	809	72612	62058	04517	5843/	16107	82710	83818	86362
Guernsey	894	72312	75216	06416	7523/	14701	82704	85706	85618
Elmdon	534	71908	60044	04117	4847/	13802	82814	83650	87359
Cardington	559	72106	58055	04918	5843/	13002	84815	85362	
Wittering	462	71405	15286	04915	761//	14801	82702	86703	
Watnall	354	71204	30056	04116	7233/	15801	85707		
Shawbury	414	71808	57044	03217	754//	12707	85613	86645	
Finningley	360	81307	30206	04513	872//	13801	85704	88706	
Spurn Point	396	81518	58606	05714	854//	13601	83715	88625	
Leeming	257	81308	30516	04513	872//	12702	86704	88705	
Tynemouth	262	81418	69026	05312	2552/	11400	82625	88458	
Carlisle	222	71406	64014	03216	784//	12706	83818	87650	
Valley	302	81614	40586	01716	854//	14706	87710	88620	
Ringway	334	72007	58045	03317	32531	12705	83820	85075	
Squires Gate	318	51510	47041	02818	22431	14707	82818	84075	
Ronaldsway	204	71111	18042	01915	7523/	14806	85705	85640	86362
Mull of Galloway	131	81611	48022	01914	2627/	13710	82705	88460	
Eskdalemuir	162	80905	50054	04012	863//	11703	85707	88712	
Prestwick	135	71408	65014	02717	18432	11706	81818	87075	
Abbotsinch	140	70706	68022	03315	58402	10807	82818	84624	87072
Leuchars	171	81417	62015	04912	853//	10203	82706	87708	88616
Dyce	091	81411	45616	06711	872//	10203	85704	86705	88707
Lerwick	005	51112	70026	10914	41349	11304	81709	84815	
Wick	075	81414	59606	06812	7547/	11001	83710	86650	88459
Sule Skerry	010	81120	64616	06311	4742/	11002	84710	88458	
Cape Wrath	049	80918	80026	03911	855//	10604	88620		
Stornoway	026	60704	80016	03514	38430	11706	81816	83656	85360
Benbecula	022	50911	82012	02315	18402	11705	81710	85072	
Tiree	100	71212	81602	01414	4857/	11706	81822	83640	87462
Aldergrove	917	81411	40212	00514	7537/	12805	83708	84712	86618
Malin	980	71114	56606	99414	4747/	12604	84714	87459	
Belmullet	976	52211	80258	95717	43532	13302	82820	81920	83640
Birr	965	72313	75258	99215	784//	13205	85717	83821	86632
Dublin	969	71308	70016	99516	562/2	15705	83704	83717	
Shannon	962	72617	82215	99916	784/2	12212	86818	84640	
Roches Point	952	72311	80012	01318	684/2	12005	84819	83636	86072
Valentia	953	82211	80032	01416	2247/	13206	82818	88458	

OBSERVATIONS at 18h. 6 September 1978

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	62010	80028	04716	31431	14301	83816	84360	
Hurn	862	72208	70808	04817	58472	15501	82715	83820	85360
Manston	797	71706	40059	05816	15782	15803	81650	84359	86075
Gatwick	776	61909	65251	05617	22471	13205	82817	84360	
Kew	775	71907	75026	04718	68631	13302	81830	86656	
Heathrow	772	72008	68038	04619	58632	12202	81830	85656	
Honington	586	71307	35052	04816	48502	13501	82822	83650	
Wattisham	590	61209	40056	05315	5573/	13801	85650	83360	
Gorleston	497	61411	48052	06115	656//	12400	86640		
Aberporth	502	72212	80038	03015	21558	12006	82820	84365	87275
Filton	628	72507	65258	04216	38531	13400	82820	85075	
Rhoose	715	72710	80036	04216	38456	14304	82710	83360	86272
Hartland Point	703	72718	68022	03715	28526	14103	81820	83450	87275
Mount Batten	827	82510	80038	05317	3837/	15207	81708	88462	
St.Mawgan	817	82307	68022	05016	38377	15400	81708	83810	86460
Scilly	804	82014	24505	04716	871//	15710	88702		
Culdrose	809	82305	58205	05416	883//	16801	82709	83625	88650
Guernsey	894	82515	61036	07516	861//	15308	82702	87703	
Elmdon	534	51605	70256	03316	28471	14500	81818	83359	
Cardington	559	72106	68919	04415	785//	13302	82820	87656	
Wittering	462	82111	57952	04615	894//	13304	86919		
Watnall	354	71504	50052	03217	58572	14603	82825	84640	85360
Shawbury	414	72503	50818	02715	5927/	14303	81703	83912	86362
Finningley	360	80906	25102	03415	854//	14704	83710	83816	88640
Spurn Point	396	61416	58016	04815	4557/	13603	84625	86360	
Leeming	257	81207	18106	03713	852//	13803	84704	88613	
Tynemouth	262	81417	61028	04313	4647/	12704	84710	88458	
Carlisle	222	81004	56622	02515	7957/	13604	81922	86647	
Valley	302	71812	81036	01515	784/6	13103	81815	87632	
Ringway	334	81705	56636	02915	5857/	13101	81820	85640	88460
Squires Gate	318	71609	56216	02216	69431	14502	81918	86650	
Ronaldsway	204	71509	62046	01014	622/2	13502	81705	85709	86830
Mull of Galloway	131	41712	60058	00714	38501	13003	81825	83630	
Eskdalemuir	162	80702	58052	03013	854//	11604	85712	88625	
Prestwick	135	71209	58802	01315	3857/	14602	82820	83640	86360
Abbotsinch	140	70911	62052	01916	58502	11500	83822	84650	87075
Leuchars	171	81313	68022	04413	863//	10400	81706	88710	
Dyce	091	81208	45606	06211	852//	11704	81703	83705	86708
Lerwick	005	71114	70032	10612	48372	10601	82707	83630	85360
Wick	075	81310	68636	06711	5547/	10000	81710	85616	88459
Sule Skerry	010	81421	66216	05711	6742/	10602	86710	88458	
Cape Wrath	049	70917	75022	03411	26471	10501	82710	84360	87070
Stornoway	026	70909	75032	02314	15632	12605	81645	83360	86070
Benbecula	022	70906	82606	01413	15678	11704	81645	85463	87270
Tiree	100	71012	64216	99915	7097/	11709	84358	86362	
Aldergrove	917	71311	56046	99415	753//	13504	81706	83709	87634
Malin	980	81220	40616	97814	6647/	13704	82710	84715	88458
Belmullet	976	72112	80216	97615	6547/	13210	83716	84638	87359
Birr	965	72207	82028	00116	75672	12005	85636	87461	
Dublin	969	72405	80028	99916	38508	11205	81822	83635	87268
Shannon	962	80000	86022	99916	5557/	13704	82620	84645	86359
Roches Point	952	81805	50586	01415	862//	14702	88704		
Valentia	953	81812	65505	99915	864//	15606	88710		

OBSERVATIONS during DAY

Station	iii	RRTTxxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	91191	033	pr$_o$	pr$_o$
Hurn	862	91191	052	pr$_o$	pr$_o$r$_o$
Manston	797	05181	014	r$_o$rRtl$_o$r	tl$_o$rr$_o$
Gatwick	776	97210	041	+	pr$_o$
Kew	775	97200	032	+	r$_o$
Heathrow	772	97210	037	+	pr$_o$
Honington	586	06171	001	d$_o$-d$_o$r$_o$-r$_o$	tl$_o$tlrtlR
Wattisham	590	03171	010	r$_o$d$_o$r$_o$	tlr$_o$r
Gorleston	497		000		
Aberporth	502	02181	029	pr$_o$	+
Filton	628	02181	042	pr$_o$pR	pr$_o$
Rhoose	715	01191	045	rr$_o$	jp
Hartland Point	703	01162	034		
Mount Batten	827	01191	041	pr$_o$pr	d$_o$r$_o$r$_o$
St.Mawgan	817	94181	055	+	d$_o$d$_o$
Scilly	804	96182	033	+	d$_o$d$_o$
Culdrose	809	01182	043	+	id$_o$d$_o$r$_o$drdr
Guernsey	894	97180	027	ir$_o$	ir$_o$
Elmdon	534	01201	033	+	r$_o$pr$_o$pr
Cardington	559	01201	030	+	pr$_o$tl$_o$rr$_o$
Wittering	462	02191	025	dff	tlr$_o$r
Watnall	354	03201	014	d$_o$r$_o$ff	pr$_o$r$_o$R
Shawbury	414	05191	007	pr$_o$prpR	pr$_o$prpR
Finningley	360	02171	001	d$_o$r$_o$d$_o$r$_o$d$_o$	r$_o$Rr
Spurn Point	396			r$_o$r$_o$ir$_o$	+
Leeming	257	01131	000	d$_o$r$_o$d$_o$d$_o$	d$_o$r$_o$
Tynemouth	262	91131	000	pr$_o$	ir$_o$
Carlisle	222	01171	018	+	rr$_o$r$_o$
Valley	302	01171	051	d$_o$r$_o$	pr$_o$
Ringway	334	04191	023	+	r$_o$rR-rr$_o$
Squires Gate	318	04201	044	r$_o$r$_o$	r$_o$ir$_o$rR
Ronaldsway	204	04151	007	rir$_o$d$_o$	Rpr$_o$
Mull of Galloway	131	91141			
Eskdalemuir	162	96141	001	+	r$_o$ir$_o$r
Prestwick	135	93181	033	+	pr$_o$r$_o$
Abbotsinch	140	95181	031	+	pr$_o$r$_o$r$_o$
Leuchars	171	97131	000	d$_o$	d$_o$
Dyce	091	05121	000	rrr$_o$r$_o$	ir$_o$
Lerwick	005	00141	058	+	+
Wick	075	06122	000	ir$_o$r$_o$r$_o$	r$_o$r$_o$rrRRir$_o$
Sule Skerry	010	02122			
Cape Wrath	049	96121	024	ir$_o$	+
Stornoway	026	00161	044	+	+
Benbecula	022	97161	058	+	ir$_o$
Tiree	100	97161	006	r$_o$	r$_o$
Aldergrove	917	01151	012	r$_o$	d$_o$r$_o$-r$_o$
Malin	980	0417	006		
Belmullet	976	9718	033		
Birr	965	9317	014		
Dublin	969	0319	022		
Shannon	962	9618	015		
Roches Point	952	9718	040		
Valentia	953	9117	007		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

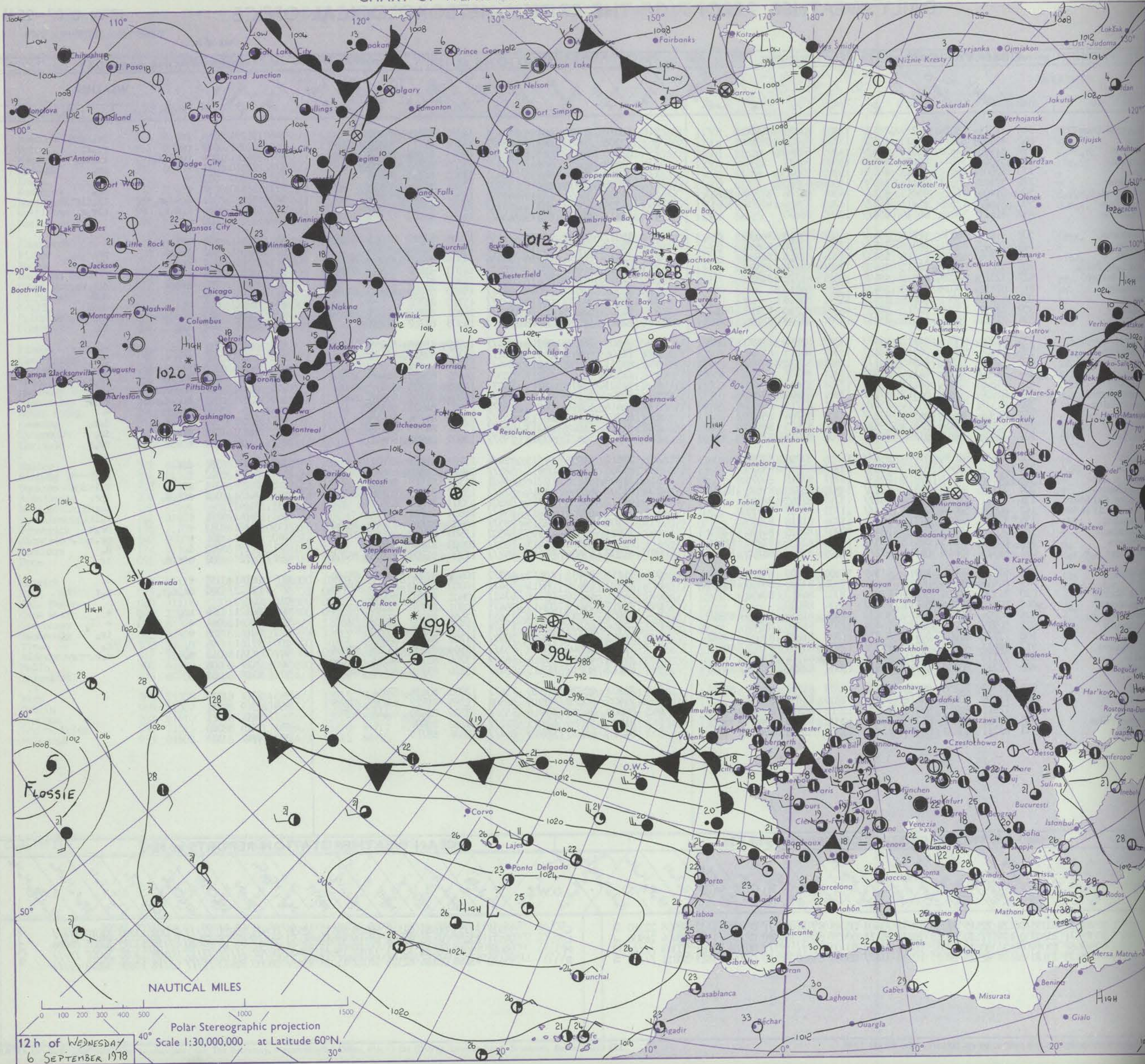
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06121	72615	97256	87011	73401	00249	85911	/////	05008	11132	30908	22310
L	99571	70207	06124	71120	98018	96213	38471	00607	81815	86360	0//10	11388	30404	26906
M	99661	10014	06124	80816	97032	16011	854//	00400	/////	/////	00108	11081	30303	/////
R	99470	70170	06124	82525	97022	10319	5747/	00003	85810	88459	0//18	11821	30811	/////

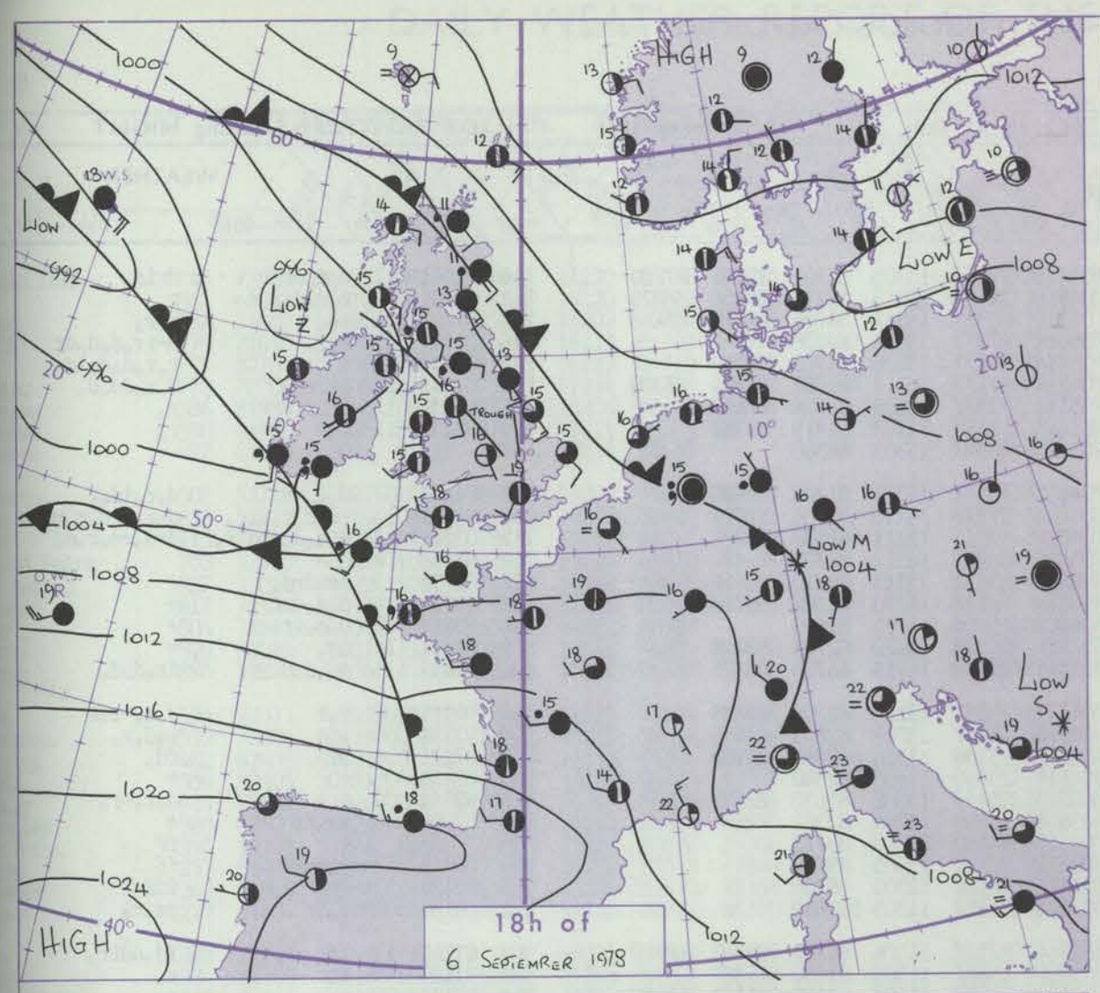
OCEAN WEATHER STATION REPORTS at 18h.

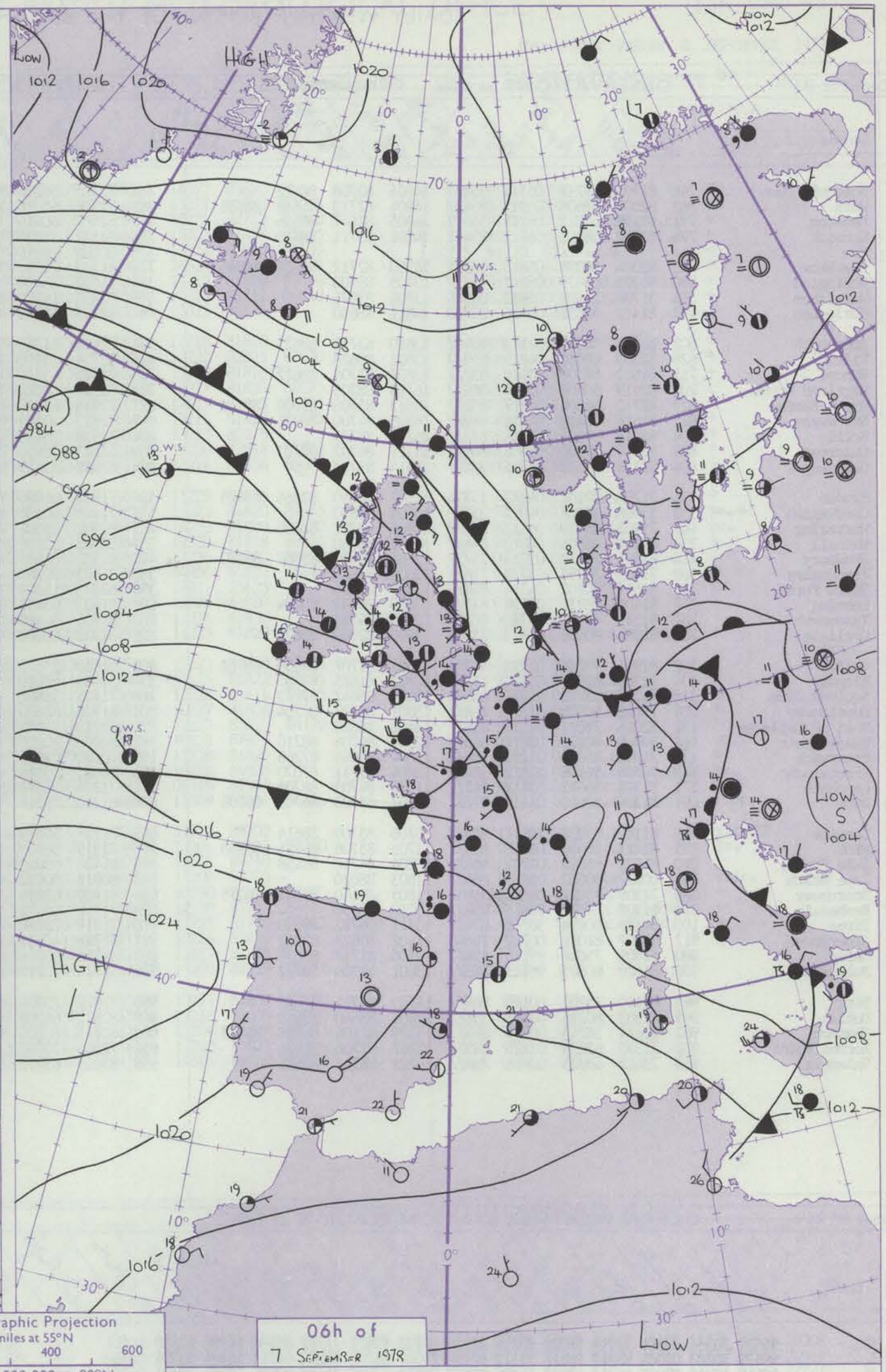
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06181	62517	98028	89112	52530	00603	85821	/////	00008	11202	31010	/////
L	99571	70207	06184	81126	97212	92913	5542/	21617	83710	85620	0//10	11395	30505	08006
M	99661	10012	06184	70713	97012	15611	78400	00702	/////	/////	00109	11081	30302	/////
R	99470	70168	06184	82523	97022	11018	856//	00000	88633	/////	0//18	11886	30810	/////

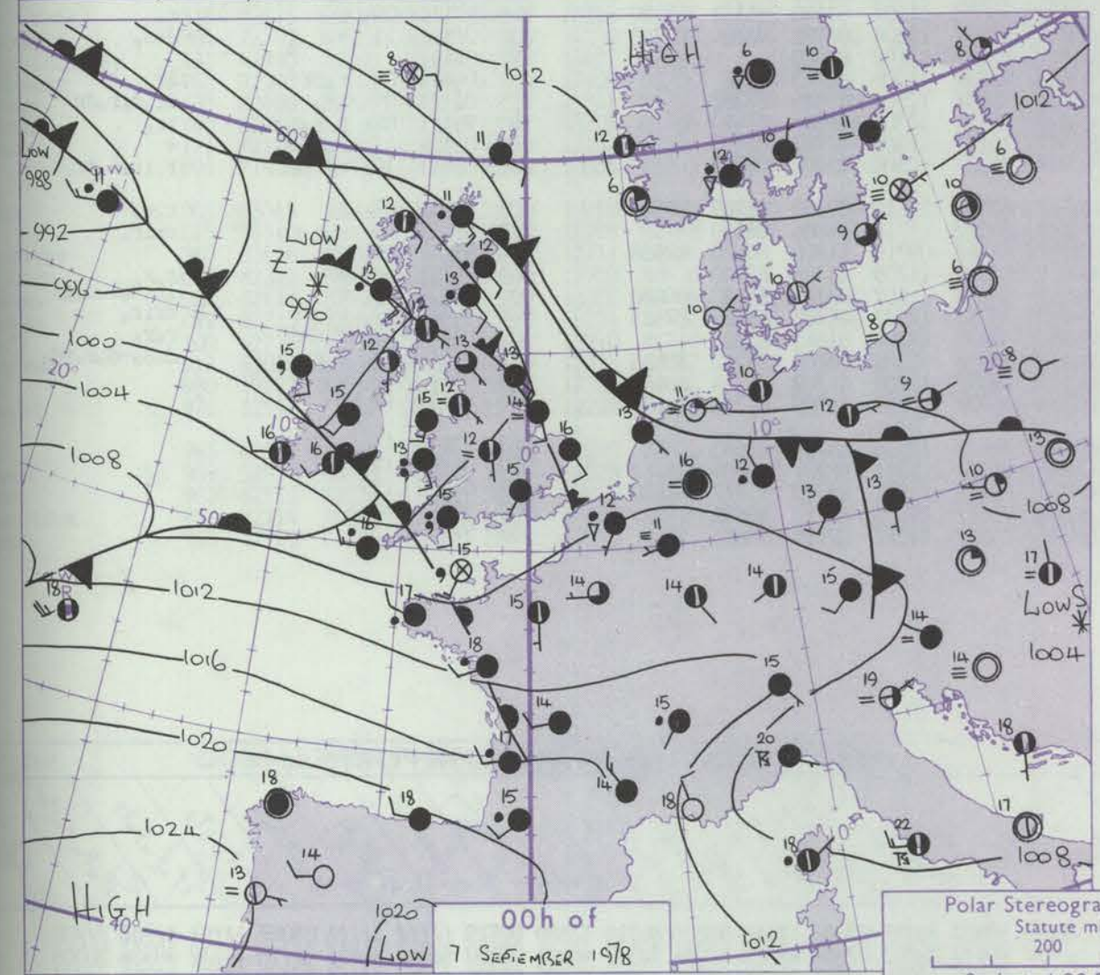
Times of observation printed in this publication are GREENWICH MEAN TIME.

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.

Issued at midday THURSDAY 7 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an occlusion over Scotland, eastern and southeast England moved slowly northeast but still affected east and north Scotland. Another occlusion moved in from the Atlantic to Northern Ireland, Wales and central southern England.

During the next 24 hours the occlusions are expected to continue moving eastwards clearing eastern areas by midnight and followed by a weak ridge of high pressure. North Scotland however may continue to be affected by the slow-moving occlusions.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 7 September 1978

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	81705	45212	05314	853//	14804	83708	88622	
Hurn	862	82004	58608	05315	854//	14804	82710	85618	88636
Manston	797	62110	65012	06214	556/2	14805	82647	84656	
Gatwick	776	82007	58102	06115	854//	14801	85711	88650	
Kew									
Heathrow	772	82004	58038	05615	854//	14500	82712	85616	88645
Honington	586	91303	00479	05213	9////	13705	89/00		
Wattisham	590	31707	28109	05613	00904	12704	83075		
Gorleston	497	81412	40052	05516	857//	14811	88650		
Aberporth	502	81613	58582	02513	854//	13810	83712	88621	
Filton	628	82303	65032	04815	855//	13805	88628		
Rhoose	715	81603	57506	04014	852//	13807	82704	88622	
Hartland Point	703	82419	60606	02316	862//	16718	88705		
Mount Batten	827	82712	56506	04317	852//	16513	85705	87708	88610
St.Mawgan	817	82518	08416	04816	860//	16305	84700	88701	
Scilly	804	82718	50606	06316	872//	16213	88703		
Guldrose	809	82709	57106	05616	861//	16311	84702	88703	
Guernsey	894	92116	01516	06315	9////	15814	89///		
Elmdon	534	71705	59101	04212	15734	12802	81650	83365	87075
Cardington	559	31908	62028	04814	35700	13604	83650		
Wittering	462	71902	03429	04612	750//	12806	85701	86650	
Watnall	354	82104	44106	04012	856//	12801	88640		
Shawbury	414	81805	70038	03813	25737	12101	82650	83360	88270
Finningley	360	71403	30286	03713	754//	12000	87614		
Spurn Point	396	81612	20102	04314	857//	13809	88656		
Leeming	257	81406	18216	03114	871//	13805	84702	88704	
Tynemouth	262	81515	49626	03313	8052/	12810	88525		
Carlisle	222	61504	60016	02413	25602	13806	82640	85070	
Valley	302	81914	70038	01715	4532/	13807	81707	84650	88459
Ringway	334	71906	62036	03513	1557/	12802	81625	87360	
Squires Gate	318	71205	28102	03112	656/6	12001	86642	87273	
Ronaldsway	204	73602	60028	01714	762//	13801	82703	87704	
Mull of Galloway	131	82018	78021	01213	855//	13101	88620		
Eskdalemuir	162	80000	40106	02812	863//	12805	86706	88710	
Prestwick	135	71204	65058	01112	55618	11804	85645	87268	
Abbotsinch	140	70708	56108	01612	15402	12804	81711	87070	
Leuchars	171	81312	56605	03413	862//	11707	84703	88705	
Dyce	091	81309	30606	05412	872//	11707	85703	86705	88708
Lerwick	005	81112	65032	10111	853//	10706	83709	88614	
Wick	075	81413	58606	06011	853//	11705	85706	86715	88650
Sule Skerry	010	81420	66028	04711	4642/	10804	84710	88458	
Cape Wrath	049	80922	80032	02612	855//	11803	88620		
Stornoway	026	71309	75022	01512	35632	11805	83640	83361	86075
Benbecula	022	81207	70026	99913	856//	10710	88640		
Tiree	100	81119	60636	98713	6742/	13711	86712	88530	
Aldergrove	917	41807	81016	00712	25540	11102	82628	83362	
Malin	980	61809	75016	99113	654//	12106	81717	86639	
Belmullet	976	81609	60505	98115	863//	13801	82706	88712	
Birr	965	82109	75205	00115	864//	14505	86712	87633	
Dublin	969	82103	80216	00615	5562/	13801	85640	88459	
Shannon	962	82614	58215	00916	863//	15309	82706	84708	86623
Roches Point	952	72310	62026	02216	2637/	15207	82708	87458	
Valentia	953	72612	65025	03616	764//	14221	86717	87635	

OBSERVATIONS at 06h. 7 September 1978

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	72105	56206	04415	770//	15305	82701	83704	87709
Hurn	862	72506	65016	04916	26432	15213	82718	83358	86075
Manston	797	82407	60616	06315	6732/	14311	84706	83645	88458
Gatwick	776	81102	36526	05614	873//	13306	88706		
Kew	775	80000	18616	05314	872//	13308	84705	88710	
Heathrow	772	81103	28516	05214	871//	14111	81702	86704	88709
Honington	586	71602	25604	05113	755//	13209	82628	87650	
Wattisham	590	72005	14211	05413	1147/	13208	81815	87359	
Gorleston	497	82105	48052	05114	8097/	13303	88360		
Aberporth	502	72614	61286	04115	752//	14221	81703	87630	
Filton	628	72704	59106	04114	873//	14210	85706	87711	
Rhoose	715	82815	45216	04016	872//	15311	81703	88704	
Hartland Point	703	82917	60026	05016	863//	16321	88708		
Mount Batten	827	72914	62026	06617	65431	15318	84710	86616	
St.Mawgan	817	72612	40104	06815	7617/	15220	82702	86710	
Scilly	804	22918	58016	08815	15501	14221	81620		
Guldrose	809	62813	58056	07816	56232	15220	82703	85708	
Guernsey	894	82819	35606	07516	870//	16313	84700	88701	
Elmdon	534	71902	64026	04113	7533/	13204	81708	87628	
Cardington	559	71603	60106	04914	754//	13209	82615	87645	
Wittering	462	51902	28104	04812	25730	11310	82656	85362	
Watnall	354	32002	20101	04111	25630	11105	82640		
Shawbury	414	81502	62041	03613	856//	13302	85630	88650	
Finningley	360	21603	20104	03611	20930	11204	82362		
Spurn Point	396	62305	15101	04513	66400	13209	86712		
Leeming	257	91603	03454	03512	9////	12305	89///		
Tynemouth	262	81906	00466	03112	863//	12305	88708		
Carlisle	222	31302	40101	02511	25602	11305	82630		
Valley	302	81810	25535	02814	871//	14306	81702	86703	88707
Ringway	334	51606	62026	03812	1577/	11305	81650	85359	
Squires Gate	318	71105	35602	03512	25678	11207	82640	85359	85270
Ronaldsway	204	81908	62602	02014	851//	13304	81702	83704	85708
Mull of Galloway	131	82012	74022	01713	855//	13102	88620		
Eskdalemuir	162	80000	20106	03012	862//	11306	88703		
Prestwick	135	70000	81025	01612	3555/	12304	81625	87362	
Abbotsinch	140	50805	50116	01713	48431	12304	81814	83640	
Leuchars	171	71304	35106	02412	761//	11304	82702	87703	
Dyce	091	81313	28216	03012	861//	12608	85702	88703	
Lerwick	005	81117	50216	07611	6722/	10610	83703	85709	88525
Wick	075	81315	58106	03011	853//	11714	86706	88650	
Sule Skerry	010	81424	68022	01711	6841/	09710	81810	86620	88458
Cape Wrath	049	80918	80022	00312	853//	11709	84708	88620	
Stornoway	026	81409	62616	99512	852//	11607	82705	85630	88650
Benbecula	022	71710	66016	98113	752//	12503	81703	83616	87635
Tiree	100	71814	72146	99313	58432	13206	81815	83627	
Aldergrove	917	81703	40511	01213	853//	12308	82706	85712	88625
Malin	980	81706	60516	00213	4637/	12209	81709	84714	88459
Belmullet	976	72716	70215	02414	7637/	11229	81709	84718	86637
Birr	965	72712	75026	03614	764//	12224	85714	86633	
Dublin	969	82612	66206	01815	863//	14311	82707	84709	86712
Shannon	962	82714	60505	04814	864//	13321	82712	85717	86640
Roches Point	952	72505	70031	06514	754//	12225	82713	87632	
Valentia	953	83015	65031	07415	854//	11322	82716	88635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01141	12	d_or_odrdr	$drid_o$
Hurn	862	01151	14	$r_or_od_or_or$	r
Manston	797	01131	11	ir_o	r_or_o
Gatwick	776	01141	12	d_or_o	$d-rr_od_od_odr$
Kew	775	01131	12	+	$r_or_od_od_oid_o$
Heathrow	772	01141	13	pr_or_o	$d_or_odd_od_o$
Honington	586	94131	11	pr_offFF	r_o
Wattisham	590	93131	11	f	r_o
Gorleston	497				
Aberporth	502	01131	07	d_or_o	$d_or_oid_of$
Filton	628	01131	13	$rr_od_or_od_or_o$	$d_or_odrd_or_o-d_o$
Rhoose	715	03141	13	$d_or_od_odrd_or_o$	$drd_o-d_or_od_o$
Hartland Point	703	03141	14		
Mount Batten	827	02151	15	ir_odrd_o	+
St.Mawgan	817	01151	14	d_od_odrf	+
Scilly	804	93151	13	$d_od_oir_o$	+
Guldrose	809	01151	14	ir_o	+
Guernsey	894	01151	15	$id_od_od_oFff$	$ir_od_od_o$
Elmdon	534	94111	08	r_or	$d_or_o-r_or$
Cardington	559	92131	09	r_o	$r_od_or_o$
Wittering	462	97121	10	ff	fd_o
Watnall	354	00111	06	+	+
Shawbury	414	92121	09	+	$d_or_o-r_o$
Finningley	360	97091	06	rr_off	+
Spurn Point	396			+	fF
Leeming	257	07111	12	r_orrRf	ff
Tynemouth	262	03121	10	ir_o	ffF
Carlisle	222	05111	07	r_oRr	pr_or_o
Valley	302	01141	13	id_o	id_oddir_o
Ringway	334	97121	09	r_o	r_o
Squires Gate	318	97111	09	+	r_o
Ronaldsway	204	01131	11	+	drd_o
Mull of Galloway	131	02131			
Eskdalemuir	162	04111	09	r_orR	ir_o
Prestwick	135	01111	09	id_o	$ir_od_or_odr$
Abbotsinch	140	95111	08	$r_or_od_or_o$	ir_o
Leuchars	171	01121	11	r_od_or	+
Dyce	091	02111	10	r_orir_o	$r_oir_od_orr_or_o$
Lerwick	005	03101	09	+	r_or_o
Wick	075	03102	09	r_or_orr	$rrir_o$
Sule Skerry	010	95102	10		
Cape Wrath	049	96111	10	+	r_or_o
Stornoway	026	03121	10	+	$ir_or_or_od_or_o$
Benbecula	022	04121	11	ir_orr	$drir_o$
Tiree	100	04131	12	r_orRdr	r_or_o
Aldergrove	917	01111	08	r_or_o	$d_od_o-d_or_ofd_o$
Malin	980	0111	10		
Belmullet	976	9514	12		
Birr	965	9314	13		
Dublin	969	0414	12		
Shannon	962	0114	12		
Roches Point	952	9414	12		
Valentia	953	9714	13		

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

O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$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	07001	32214	98021	90211	32500	00703	83821	/////	05108	11206	3//10	31/11
L		99572	70203	07004	82517	96616	91312	6722/	71502	86705	88530	0//11	11384	30504	18008
M		99660	10010	07004	80713	97022	14610	884//	00611	/////	/////	00009	11089	30302	/////
R		99470	70168	07004	72425	97022	12818	756//	00002	87633	/////	0//18	11824	30809	/////

Code FM 21.V — **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	07061	12412	98028	86211	12500	00719	/////	/////	05007	11121	3//03	///08
L		99573	70202	07064	42320	97036	93513	48401	00108	81812	84625	0//10	11372	30504	20008
M		99660	10009	07064	70612	97022	12810	78400	00709	/////	/////	00109	11037	30302	/////
R		99470	70168	07064	73111	97022	14617	756//	00314	87633	/////	0//17	11824	30602	26808

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

ISSN 0307-2541

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

42659

Date of Issue FRIDAY 8 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 7 September 1978

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	72813	74035	08219	784//	14220	83818	86635	
Hurn	862	63013	66012	08720	685//	14220	83822	85630	
Manston	797	81607	56506	07616	852//	15209	86704	88618	
Gatwick	776	72610	59606	07718	753//	16213	81708	86614	87640
Kew	775	82707	50206	07118	854//	16213	84710	88625	
Heathrow	772	72706	57205	07118	753//	17214	81708	85712	87640
Honington	586	81904	35516	06916	872//	15208	86704	88708	
Wattisham	590	81906	40585	07416	872//	15211	83703	88707	
Gorleston	497	81908	62031	07318	855//	13212	88625		
Aberporth	502	52718	80022	10016	28442	13229	81816	84359	
Filton	628	52712	75015	08619	58500	14223	82820	84645	
Rhoose	715	72815	72025	09219	784//	14224	81712	84816	87650
Hartland Point	703	52910	66021	10617	38530	13224	81820	83635	
Mount Batten	827	73016	84022	10919	72401	14218	87818		
St.Mawgan	817	72814	68031	11617	784//	12221	82810	86624	
Scilly	804	72811	62031	13518	6557/	14222	86623		
Culdrose	809	63016	70021	11918	68500	15119	84820	83628	
Guernsey	894	22822	72036	11418	22302	15217	81707		
Elmdon	534	72611	70212	06718	784//	14115	83814	86656	
Cardington	559	72504	62016	06917	754//	15215	86613	87630	
Wittering	462	82405	60025	07116	852//	15213	81704	84705	87706
Watnall	354	82405	30581	06815	852//	15314	84703	85706	88650
Shawbury	414	72612	82026	06619	785//	15317	85820	83656	
Finningley	360	82505	30621	06216	5552/	15212	85624	88550	
Spurn Point	396	51205	57284	06516	22630	15210	82830	85360	
Leeming	257	81605	50046	05516	7547/	14209	82618	87640	
Tynemouth	262	71908	56054	04917	2563/	14208	82630	87358	
Carlisle	222	81604	50588	04815	853//	14110	82707	84710	86620
Valley	302	72715	81026	08317	785//	13231	84822	87645	
Ringway	334	82709	40516	06816	873//	15218	84707	88710	
Squires Gate	318	82615	65216	06116	863//	15214	81707	87709	
Ronaldsway	204	72709	80016	06217	784//	14230	81713	83817	87640
Mull of Galloway	131	42910	70286	05416	38502	16222	82820		
Eskdalemuir	162	81906	30616	04614	853//	13108	85708	88620	
Prestwick	135	82409	56206	03915	851//	14311	81702	83706	85710
Abbotsinch	140	82208	57216	03315	7537/	13205	81708	83714	86622
Leuchars	171	72109	62212	03116	784//	13102	81816	83630	87657
Dyce	091	71408	35106	02414	762//	13806	81703	83704	86705
Lerwick	005	81315	30616	06011	5522/	10710	83703	83630	88460
Wick	075	81513	50606	01512	872//	12708	82703	86704	88707
Sule Skerry	010	81616	57616	99912	874//	12711	88710		
Cape Wrath	049	82310	80026	99814	855//	12703	88620		
Stornoway	026	82112	70606	99414	853//	13302	82706	83712	85625
Benbecula	022	82215	40586	00513	861//	13214	83702	85704	88706
Tiree	100	62718	75216	01915	654//	13210	81710	86637	
Aldergrove	917	63016	80156	06516	684//	12332	81712	83815	85634
Malin	980	12723	72016	05017	18430	12230	81816		
Belmullet	976	12517	75011	08517	11401	12224	81819		
Birr	965	62813	81018	09918	485/2	10223	82821	83636	
Dublin	969	52916	84038	07717	585//	11229	84822	83640	
Shannon	962	62912	82038	11018	58502	10223	84820		
Roches Point	952	72714	70018	11617	664/4	10122	86716	84072	
Valentia	953	32709	75021	12817	12502	13222	81822	83070	

OBSERVATIONS at 18h. 7 September 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	52812	82022	12818	48502	14322	83820		
862	33008	81031	13219	11601	13221	81830	83075	
797	73006	57056	10818	754//	15221	82713	87640	
776	62910	82016	11520	68500	13323	81828	85645	
775	52810	82026	11420	58601	13322	81830	84650	
772	42911	80015	11320	38602	14323	81830	83650	
586	72302	50055	10217	784//	15315	81816	87640	
590	72205	50056	10716	65402	15318	81712	86640	
497	42406	48051	10117	45500	15315	84625		
502	32808	86021	13916	18541	11218	81820		
628	52810	80031	13319	58501	13222	82825	83630	
715	32813	80021	13416	18401	13220	81818		
703	62915	69032	14615	12531	13217	81820	86075	
827	63212	84012	15118	11532	12217	81825	86075	
817	42909	75021	15715	18404	12116	81810	84075	
804	22909	70021	16917	00901	13213	82075		
809	43107	75011	16216	21432	13220	82818	83070	
894	52816	75031	15316	15704	13216	81656	85075	
534	52912	80022	11418	48501	11229	82826		
559	73108	65158	10819	785//	15323	84820	87645	
462	63010	75018	10517	685//	14223	81820	86650	
354	72913	62016	11317	684/1	12328	81818	86645	
414	62708	81022	12417	48504	11226	82825	83650	85075
360	72609	75016	09917	785//	14226	85822	86645	
396	82712	58216	09218	5557/	17217	85628		
257	32910	86015	09117	38500	12326	81820	83630	
262	32715	80011	07317	13640	12215	81930		
222	22809	80028	09216	28502	11329	81820		
302	32508	82031	13016	15604	12223	81630	83075	
334	72908	70025	11616	785//	12125	81822	87635	
318	62812	75022	11216	58401	13226	81714	84645	
204	32913	80021	11417	18501	10227	81828		
131	62918	78098	11015	38509	12227	82820	84170	
162	72205	81038	08914	725//	10128	87825		
135	32911	70025	09314	28501	11228	81820		
140	52815	75038	08215	58501	10228	84826		
171	22720	84016	05316	18502	09316	81825		
091	62507	65258	03616	684/1	14309	83816	86645	
005	81122	15656	02411	871//	11720	88702		
075	52411	65016	02014	38432	13206	82715	83360	
010	82519	48406	00412	874//	12101	88710		
049	82326	64026	01112	862//	11208	88703		
026	72616	70026	03814	784/2	10230	85818	83625	
022	62515	72036	05314	48401	12218	81712	84817	
100	62413	60018	07915	12432	13222	81710	83362	85075
917	12811	80011	11416	11502	10226	81820		
980	12516	65101	09915	11402	12117	81818		
976	42113	68011	11216	12402	13203	81819	83072	
965	72607	82022	13316	15602	10214	81636	87070	
969	62808	82031	12218	15606	09218	81630	85270	
962	72508	82031	13716	12506	12204	81824	87275	
952	72311	80022	14517	18516	13210	81821	87274	
953	71806	70031	14416	1157/	14501	81820	87360	

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	91211	054	id_o	+
862	00210	070	+	+
797	97191	007	$r_od_oid_o$–d_or_o	+
776	97210	028	$d_or_od_od_o$–r_od_o	+
775	97210	021	$id_od_or_o$	+
772	97221	023	d_o	+
586	91191	005	$r_od_oid_od_od_o$	+
590	92181	005	$d_or_od_o$	+
497		032		
502	00171	065	+	+
628	00211	073	+	+
715	00190	068	+	+
703	00170	070		
827	00200	069	+	+
817	00181	060	+	+
804	00190	089	+	+
809	00190	088	+	+
894	00190	097	+	+
534	97211	034	d_or_o	+
559	97211	006	$d_or_opr_o$	~~pr_o~~ +
462	97201	013	d_od_o	pr_o
354	91181	009	r_o–d_or_o	+
414	00211	029	+	+
360	93191	020	r_or	+
396			FFff	ir_o
257	97191	015	r_od_o	+
262	00181	042	+	+
222	01181	022	$ird_or_od_or_opr_o$	+
302	00191	055	+	+
334	97171	007	d_od_od	+
318	97171	020	$ir_od_or_od_o$	+
204	97191	060	d_o–r_o	+
131	91171			
162	03161	025	d_o–r_or_or	pr_o
135	91161	021	$d_or_oid_o$	+
140	94181	037	$r_ord_or_od_opr_o$	pr_o
171	91181	024	$ir_od_or_o$	+
091	01171	012	$r_od_or_opr_or$	r_opr_o
005	15121	000	r_or_oR	r_or_oRRF
075	03151	007	ir_orr	ir_o
010	03122			
049	06151	055	r_or_orr	$rrir_o$
026	02161	013	$d_or_oir_o$	+
022	01161	044	$ir_or_or_od_or_o$	+
100	01161	047	$ir_oDRdrpr_o$	+
917	97191	076	d_o	+
980	0117	060		
976	0017	101		
965	9719	057		
969	9119	065		
962	9219	067		
952	9720	052		
953	0018	059		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

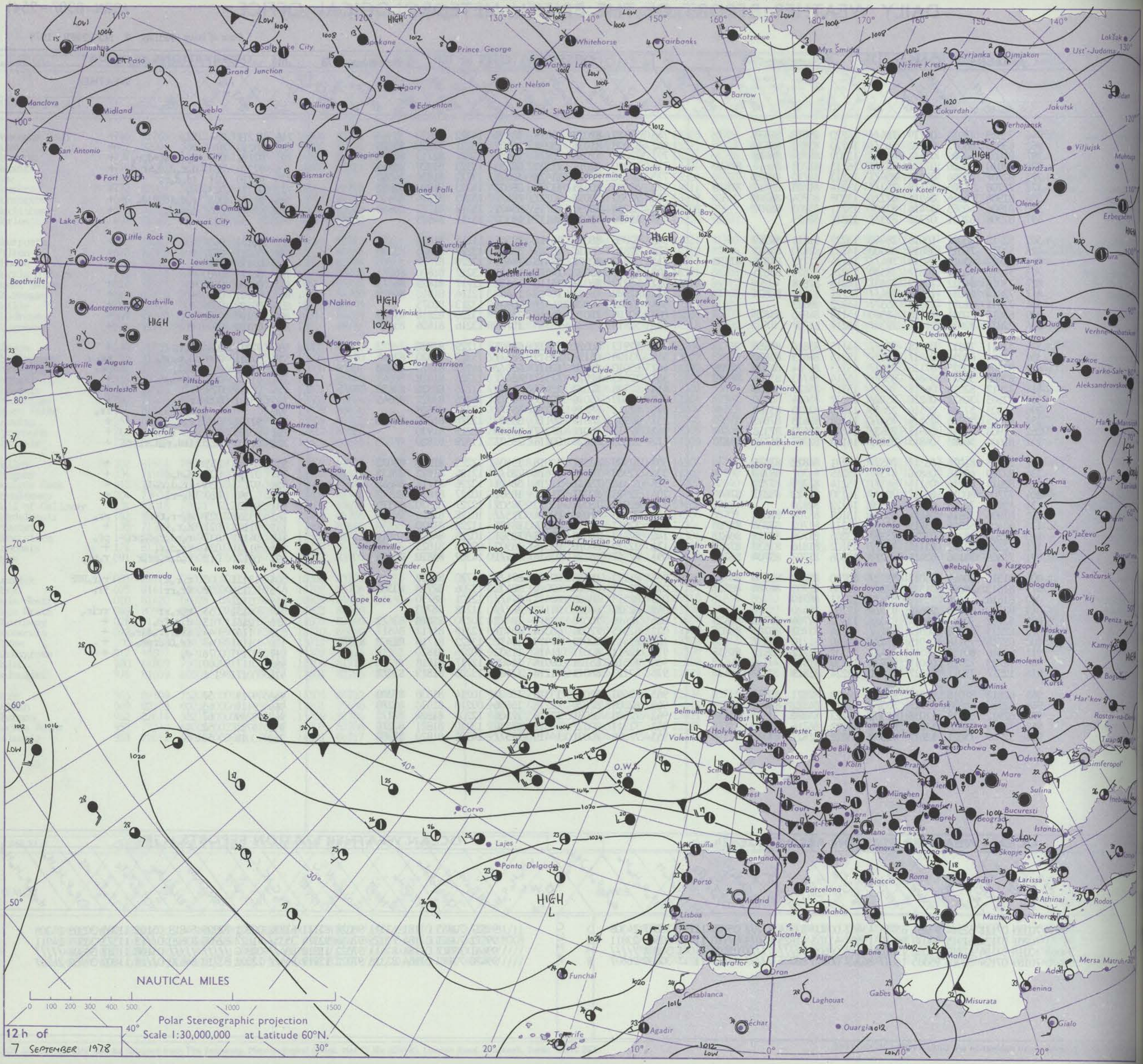
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07121	62314	97151	85711	43402	00400	83914	/////	05108	11195	30807	24308
L	99573	70201	07124	61915	98038	96613	15504	41105	81625	86078	0//10	11388	30504	23811
M	99660	10018	07124	81112	97032	12010	884//	00601	/////	/////	05108	11081	30202	/////
R	99470	70169	07124	82010	95505	16017	863//	00203	88706	/////	0//17	11817	30000	26807

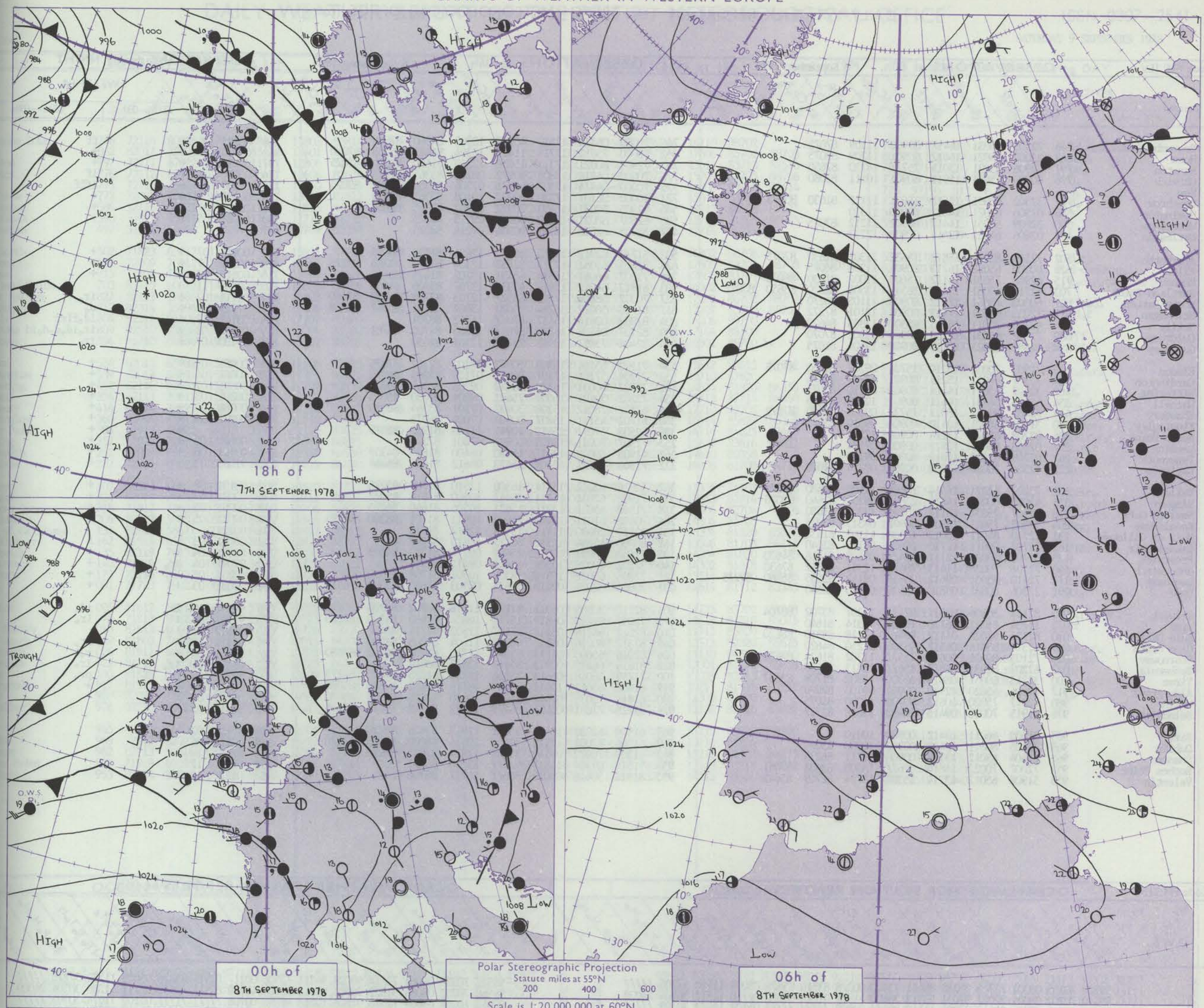
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$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	07181	62511	98028	85111	63332	00201	82909	84818	05109	11205	30505	24308
L	99572	70201	07184	72025	97016	92314	3533/	41627	82708	83620	0//13	11373	30504	24911
M	99661	10017	07184	81611	97022	11810	884//	00802	/////	/////	05108	11083	30302	/////
R	99470	70169	07184	82328	97022	15919	854//	12302	83710	86630	0//18	11800	30402	26807

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 8 SEPTEMBER 1978

During the past 24 hours pressure remained high to the south and low over the north of the British Isles. Occluded fronts moved northeastwards across Scotland and northern and eastern England followed by a weak ridge of high pressure from the west.

During the next 24 hours a deep depression will move northeast towards the Faeroes and the associated fronts will move eastwards across most parts of Britain.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 8 September 1978

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	72505	70031	16412	00902	11109	87075		
Hurn	862	23002	75021	16612	00901	11209	82075		
Manston	797	72906	65031	15015	757//	14220	87650		
Gatwick	776	30000	75021	15911	00901	10111	83080		
Kew									
Heathrow	772	32502	65031	15513	15601	11112	81630	83075	
Honington	586	02506	60021	14012	00900	11310			
Wattisham	590	32809	58051	14412	00902	11212	83075		
Gorleston	497	02606	64021	13414	00900	12213			
Aberporth	502	72109	82031	15812	15632	11302	81630	87075	
Filton	628	60000	65022	16713	00901	11208	86075		
Rhoose	715	62902	75031	16112	15601	11002	81630	86075	
Hartland Point	703	62714	69031	16415	38531	13500	82820	83650	85075
Mount Batten	827	60000	75031	17612	00908	11105	86270		
St.Mawgan	817	72003	64021	17413	00908	12101	87272		
Scilly	804	42206	70011	18115	45500	13803	84620		
Culdrose	809	72602	65031	18313	00906	13301	87070		
Guernsey	894	12807	80021	18113	00902	13104	81075		
Elmdon	534	71903	70031	15210	15704	09207	81650	87075	
Cardington	559	32307	66011	15211	00901	11209	83075		
Wittering	462	32607	75011	14511	00901	09110	83075		
Watnall	354	62505	66031	14611	00901	10108	86075		
Shawbury	414	72405	80031	15011	15772	09105	81650	87072	
Finningley	360	31904	58101	13410	00904	09010	83075		
Spurn Point	396	02708	60021	13214	00900	12214			
Leeming	257	02603	84020	12811	00900	07114			
Tynemouth	262	02709	81020	11812	00900	09120			
Carlisle	222	12504	70020	12910	00901	09214	81075		
Valley	302	72207	82021	14514	25608	12105	82630	87275	
Ringway	334	42005	60021	14811	25601	09209	82640	83075	
Squires Gate	318	22507	75031	14113	15701	12208	81650		
Ronaldsway	204	30502	75021	13809	00902	08313	83075		
Mull of Galloway	131	12710	84011	13012	15600	11107	81630		
Eskdalemuir	162	22707	70011	12710	25600	08109	82640		
Prestwick	135	51706	60021	12111	584//	09308	81818	84630	
Abbotsinch	140	72106	70028	11413	784//	12311	84817	87630	
Leuchars	171	72410	75031	09612	25636	09112	82635	85360	87275
Dyce	091	22306	80031	08810	25600	07220	82640		
Lerwick	005	82114	30106	03511	871//	11207	83702	88704	
Wick	075	11704	81011	06110	15630	09314	81640		
Sule Skerry	010	82721	62028	04112	884//	12218	83810	88620	
Cape Wrath	049	42318	83016	04512	45500	11210	84620		
Stornoway	026	72105	80031	06612	755//	11302	81624	87656	
Benbecula	022	62207	80031	06813	656//	13813	86630		
Tiree	100	32213	60051	08814	35300	13802	81708	83637	
Aldergrove	917	22006	65020	12910	00902	09400	82070		
Malin	980	12017	75020	10613	00902	11000	81075		
Belmullet	976	21915	70020	09415	26400	13818	82717		
Birr	965	01908	66011	13412	00900	10810			
Dublin	969	32405	80011	13412	00902	10000	83070		
Shannon	962	61604	65012	13113	00908	11711	86275		
Roches Point	952	72007	70022	14814	3567/	13508	83638	87461	
Valentia	953	51908	65012	13214	55300	13714	82709	85645	

OBSERVATIONS at 06h. 8 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70000	06424	17510	40932	10303	84360	87070	
Hurn	862	70000	75011	17711	11471	10304	81815	85358	87070
Manston	797	72903	60021	17313	15652	12210	81630	86360	87075
Gatwick	776	70000	04414	17808	30972	08208	83365	87075	
Kew	775	70000	04414	17507	40971	07206	81358	84362	85075
Heathrow	772	70000	56101	17310	30932	10108	83363	86075	
Honington	586	72305	50031	16410	20932	09207	82365	87075	
Wattisham	590	62507	58021	17009	00902	09213	86075		
Gorleston	497	32905	62030	16211	00904	09214	83075		
Aberporth	502	61710	62012	15512	16432	12606	81712	86075	
Filton	628	72403	65051	17313	32438	12304	82710	83365	85275
Rhoose	715	72507	66011	16514	65431	13202	81615	86656	
Hartland Point	703	61812	64012	15914	4533/	13707	83706	84646	
Mount Batten	827	70302	58602	17213	6532/	12703	83708	86635	87460
St.Mawgan	817	81710	58022	16214	2507/	13807	81701	83357	88458
Scilly	804	82008	02616	15817	870//	16713	88701		
Culdrose	809	82107	06506	16815	870//	15805	84700	88701	
Guernsey	894	32408	75011	18913	25732	12301	82650		
Elmdon	534	71502	65101	16309	20972	08102	82362	87075	
Cardington	559	72304	57101	17107	50952	07108	85363	86075	
Wittering	462	72707	60031	16210	10972	09205	81365	86075	
Watnall	354	72202	30101	16009	25631	09004	82630	86075	
Shawbury	414	62202	78012	15208	30932	07501	83364	86070	
Finningley	360	61702	45101	15007	00904	07004	86075		
Spurn Point	396	52508	57031	15412	10941	11208	81360	85075	
Leeming	257	71307	70021	13808	00906	07801	87275		
Tynemouth	262	41905	69020	13311	15630	08400	81630	84359	
Carlisle	222	71503	80021	12409	15632	08612	81635	86364	
Valley	302	52016	62012	13414	16308	13510	81707	85275	
Ringway	334	71908	62031	15111	18442	10500	81818	86072	
Squires Gate	318	71507	65031	13911	15631	10506	81640	86075	
Ronaldsway	204	70402	61011	12410	25032	10611	81701	83360	86075
Mull of Galloway	131	32119	28030	11413	15535	12617	81625		
Eskdalemuir	162	80000	15284	12310	861//	10810	88702		
Prestwick	135	51607	70031	10810	25442	09714	81712	84075	
Abbotsinch	140	32202	70038	10509	18441	09612	81816		
Leuchars	171	72306	65032	10312	18332	10501	81708	87360	
Dyce	091	70000	82031	09410	15634	08503	81635	83360	86075
Lerwick	005	82116	30505	05311	871//	11115	86702	88708	
Wick	075	72009	81211	06811	15778	10804	81650	85360	87270
Sule Skerry	010	82012	64216	05112	2742/	12502	82715	88458	
Cape Wrath	049	82312	80216	05112	4622/	11804	84705	88460	
Stornoway	026	82018	65606	04213	853//	12715	82709	86622	88650
Benbecula	022	81816	66216	03913	854//	13823	88614		
Tiree	100	71719	66018	06613	35536	11714	81625	83645	86275
Aldergrove	917	61608	65011	10411	35432	10719	82712	84360	85070
Malin	980	61818	75031	07612	25432	10620	82615	83362	85070
Belmullet	976	81725	72031	05015	864//	13722	82712	86717	86636
Birr	965	61509	62031	10412	35602	11817	83636	84070	
Dublin	969	61906	82031	11112	38502	10816	81820	83648	85070
Shannon	962	61309	70022	09114	35608	12821	83645	85275	
Roches Point	952	91518	07504	11815	9////	15720	89/01		
Valentia	953	81916	50616	09016	863//	16717	88706		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00091	06	+	ff
Hurn	862	00100	07	+	+
Manston	797	00131	10	+	+
Gatwick	776	00070	04	+	if
Kew	775	00060	01	+	ifff
Heathrow	772	00100	04	+	+
Honington	586	00091	07	+	+
Wattisham	590	00081	05	+	+
Gorleston	497				
Aberporth	502	00111	07	+	+
Filton	628	00121	07	+	+
Rhoose	715	00110	08	+	+
Hartland Point	703	00130	11		
Mount Batten	827	91111	07	+	ir.
St.Mawgan	817	97121	09	+	d.
Scilly	804	03142	13	+	id.ffrr
Culdrose	809	01122	08	+	ir.id.d.d.id
Guernsey	894	97130	07	+	ir.
Elmdon	534	00081	03	+	+
Cardington	559	00061	04	+	+
Wittering	462	00091	07	+	+
Watnall	354	00091	03	+	+
Shawbury	414	00081	04	+	+
Finningley	360	00071	04	+	+
Spurn Point	396			+	+
Leeming	257	00071	05	+	+
Tynemouth	262	00111	08	+	+
Carlisle	222	91081	03	+	+
Valley	302	00131	08	+	+
Ringway	334	00091	07	+	+
Squires Gate	318	00081	05	+	+
Ronaldsway	204	00081	05	+	+
Mull of Galloway	131	00121			
Eskdalemuir	162	00081	03	+	f
Prestwick	135	00091	04	+	+
Abbotsinch	140	97091	04	pr.	+
Leuchars	171	00101	08	+	+
Dyce	091	00081	03	+	+
Lerwick	005	94101	10	ir.	id.
Wick	075	91101	06	+	ir.
Sule Skerry	010	01112	11		
Cape Wrath	049	97111	10	+	ir.
Stornoway	026	94111	09	+	r.
Benbecula	022	01131	11	ir.	ir.
Tiree	100	92121	11	pr.	pr.
Aldergrove	917	00091	08	+	+
Malin	980	0011	09		
Belmullet	976	9714	12		
Birr	965	9710	07		
Dublin	969	0011	06		
Shannon	962	9712	10		
Roches Point	952	9714	12		
Valentia	953	0113	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_vs_ap	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	08001	72715	98258	89411	73400	00228	83914	85826	05009	11110	3//08	/////
	99570	70202	08004	32021	97031	93313	38400	51302	81814	83630	0//10	11377	30504	24008
	99661	10015	08004	81416	97022	11110	884//	00809	/////	/////	05108	11072	30303	/////
	99469	70170	08004	82224	96022	15519	863//	00804	88708	/////	0//19	11822	30604	26805

Code FM 21.V — **OCEAN WEATHER STATION REPORTS at 06h.**

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_ap	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	08061	72814	98028	94211	73400	00217	82914	85826	05009	11132	3///0	/////
	99568	70203	08064	51922	98801	89613	58400	41719	83812	83630	0//11	11386	30504	24009
	99662	10014	08064	71415	97808	10010	49460	00708	/////	/////	05109	11074	30303	/////
	99470	70169	08064	82323	96025	15319	862//	00400	88705	/////	0//19	11790	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

42660

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue SATURDAY 9 SEPTEMBER 1978

OBSERVATIONS at 12h. 8 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Roscombe Down	746	72116	80024	17117	784//	13803	85814	87645	
Plym	862	82011	75032	17617	5547/	13601	85615	83359	88462
Manston	797	72111	67022	17418	1157/	12806	81820	87360	
Gatwick	776	72112	68024	17517	7847/	13606	83816	87657	
Kew	775	72113	75024	17017	785//	12810	82825	87656	
Heathrow	772	72008	70022	16818	2257/	13809	82823	87360	
Honington	586	32113	84021	15419	11632	11815	81840	83078	
Mattisham	590	31911	75011	15819	11632	11712	81832		
Coltishall	497	31911	66020	16018	30970	10709	83358		
Aberporth	502	71823	65212	12516	752//	15611	81705	86709	87640
Filton	628	72409	70012	16218	48538	14707	82820	84365	86075
Khoose	715	71807	75032	15418	7547/	13809	83616	87622	
Hartland Point	703	82115	60612	14617	863//	16803	88706		
Mount Batten	827	82113	17586	16817	870//	16503	82701	84703	88706
St.Mawgan	817	82314	35596	16218	870//	18304	85701	88703	
Scilly	804	92311	01506	16717	9////	17207	89/00		
Guildrose	809	92510	03636	16517	9////	17004	89/00		
Guernsey	894	81710	01586	19015	870//	15801	88700		
Elmdon	534	62015	65031	15018	38536	11506	83825	86275	
Cardington	559	72013	68031	15719	28534	11709	81825	83362	86075
Wittering	462	62116	83031	15119	31601	10709	83832	86075	
Natnall	354	42113	70011	13919	32502	13712	83826		
Shawbury	414	62014	78021	13119	48532	12711	83822	83645	
Finningley	360	32014	75011	13219	32602	12813	83832		
Spurn Point	396	61912	66022	14318	35571	11714	83625	85360	86075
Leeming	257	61915	72012	11718	62500	11817	86825		
Tynemouth	262	52008	66021	10817	43604	11818	84930		
Carlisle	222	72215	80012	09917	68532	12715	84820	84635	
Valley	302	81823	56602	11516	854//	14810	87712	88625	
Ringway	334	62011	75032	13117	58531	10711	82825	83635	
Squires Gate	318	71912	75031	12317	785/1	14706	81825	86650	
Ronaldsway	204	82019	58031	09715	862//	14516	83705	88706	
Mull of Galloway	131	82138	58621	08614	864//	14812	88715		
Eskdalemuir	162	81814	65602	09214	884//	12818	85712	83818	88630
Prestwick	135	82119	70151	06515	68577	12832	81822	86630	88270
Abbotsinch	140	81916	70151	06516	5857/	11728	81822	84650	88459
Leuchars	171	72116	80032	07017	32632	11727	83830	87362	
Dyce	091	71720	70022	06414	68442	11819	81712	84822	85635
Lerwick	005	81612	58216	04912	5537/	10819	82707	85635	88460
Wick	075	71813	80022	03315	25572	10725	81625	85362	87072
Sule Skerry	010	81613	60606	01312	3752/	12726	83720	88458	
Cape Wrath	049	81803	74606	01813	4737/	12815	84708	88460	
Stornoway	026	81917	62636	00012	6532/	11829	83708	85618	88456
Benbecula	022	81717	50656	99212	6722/	12725	84705	85708	88556
Tiree	100	81826	32596	01113	7722/	13629	82705	86707	88516
Aldergrove	917	81915	60606	06015	853//	14722	85708	86710	88614
Malin	980	82026	75606	03515	864//	14508	84710	87718	88645
Belmullet	976	32220	69016	05217	38402	14317	81716		
Birr	965	82313	56606	08218	5642/	16504	85713	88458	
Dublin	969	72213	82022	07520	754//	15719	82712	85624	85645
Shannon	962	82713	50616	08617	872//	16304	82705	85709	88715
Roches Point	952	71919	65016	10918	7643/	17203	87714	83361	
Valentia	953	82614	62026	10318	863//	17207	85709	88635	

OBSERVATIONS at 18h. 8 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Roscombe Down	746	81913	40502	14917	861//	16710	88702		
Plym	862	82107	35515	15717	871//	17606	85702	88703	
Manston	797	72013	68038	16017	75472	13611	83713	87618	
Gatwick	776	82011	60502	15616	872//	15709	82705	88706	
Kew	775	82112	60022	14918	854//	14806	83710	88614	
Heathrow	772	82110	60032	14818	863//	15607	83709	88711	
Honington	586	72011	56051	13218	45732	12713	84656	87075	
Mattisham	590	72113	45041	13717	10932	12715	81365	87075	
Coltishall	497	61910	60031	13517	00905	12716	86275		
Aberporth	502	82318	58106	11717	863//	16802	88706		
Filton	628	82208	40522	13818	873//	17508	83706	86708	88710
Khoose	715	82514	35616	13517	870//	17605	83701	88703	
Hartland Point	703	92528	00506	13116	9////	16302	89///		
Mount Batten	827	82516	35506	15517	871//	17802	86702	88703	
St.Mawgan	817	82418	15506	16017	870//	17207	85700	88701	
Scilly	804	92313	02434	16816	9////	16206	89/00		
Guildrose	809	92512	01456	16417	9////	17104	89/00		
Guernsey	894	82518	01426	18416	870//	16301	88700		
Elmdon	534	72115	58046	11918	6547/	15612	86615	87362	
Cardington	559	72012	60021	13118	755//	15710	87620		
Wittering	462	72113	59041	12118	38582	14614	81820	86359	
Natnall	354	82012	56056	10817	7642/	15713	87714	88460	
Shawbury	414	72011	63586	10318	753//	17710	82708	83712	87618
Finningley	360	71914	58046	09618	55572	14614	85623	83365	85072
Spurn Point	396	81910	60616	10617	4552/	14714	84625	88460	
Leeming	257	83202	56616	08017	854//	15613	83616	88622	
Tynemouth	262	82010	48216	07515	8097/	14610	88358		
Carlisle	222	62304	62216	06516	683//	14608	81708	84710	85625
Valley	302	72314	56106	09515	752//	15305	81703	86618	87630
Ringway	334	72114	60016	09318	754//	15613	83714	87618	
Squires Gate	318	82212	40636	08616	7722/	15606	82704	87706	88520
Ronaldsway	204	32509	75016	07615	15201	14504	81703		
Mull of Galloway	131	52517	82036	06913	12501	13304	81820	85070	
Eskdalemuir	162	71915	60016	06514	783//	13506	81708	86711	
Prestwick	135	62512	80036	05616	18542	14304	81820	85075	
Abbotsinch	140	42310	70256	05115	28442	14302	81818		
Leuchars	171	52412	72016	03516	12502	13514	81820	85075	
Dyce	091	71813	75036	02114	15432	12614	81712	83365	87070
Lerwick	005	81817	30616	99311	871//	11725	85702	88708	
Wick	075	51813	75036	99413	18442	11618	81818	85075	
Sule Skerry	010	52016	74016	97312	52500	11715	85820		
Cape Wrath	049	51423	74016	98013	58500	12513	82820	85625	
Stornoway	026	62314	80036	99013	68500	11110	84822	83640	
Benbecula	022	52118	70036	99714	524//	13001	81712	85818	
Tiree	100	22116	61026	02515	21400	13005	82813		
Aldergrove	917	52512	70156	06517	42401	10211	81818	83822	
Malin	980	32417	75036	05016	22532	12305	82820		
Belmullet	976	52120	64101	06416	42402	13102	83716	83820	
Birr	965	52614	81016	10517	32502	13215	83822	85070	
Dublin	969	22612	84038	08718	18502	10210	81824		
Shannon	962	72617	70036	11017	48545	15211	83822	84275	
Roches Point	952	62417	80011	12718	18402	13319	81818	86072	
Valentia	953	32513	65011	12816	32502	14212	83820		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Roscombe Down	746	97181	003	+	$id_od_od_ofd$
Plym	862	91181	000	+	d_od_o
Manston	797	97190	017	pr_o	pr_o
Gatwick	776	97190	001	+	d_o
Kew	775	97190	012	+	d_o
Heathrow	772	97200	015	+	d_o
Honington	586	00201	091	+	+
Mattisham	590	00190	081	+	+
Coltishall	497		094		
Aberporth	502	01181	020	d_or_o–r_o	d_or_o
Filton	628	02191	020	+	d–drdDRid$_o$
Khoose	715	01191	017	ir_o	$r_od_or_ord_or_od_o$
Hartland Point	703	01172	011		
Mount Batten	827	94181	001	d_o–$r_od_or_o$	ffd_od_o
St.Mawgan	817	96191	000	$r_odrd_or_o$	id_of
Scilly	804	08171	000	rrir	f
Guildrose	809	02172	000	FirrrFF	Fff
Guernsey	894	04171	000	$d_or_oFFRd_od_off$	$FFid_o$
Elmdon	534	93201	080	r_o	$r_od_or_o$
Cardington	559	97210	077	+	r_o
Wittering	462	97210	078	+	d_o
Natnall	354	91201	064	+	r_o–d_or_o
Shawbury	414	97211	044	r_o	$r_od_or_o$
Finningley	360	97211	062	+	r_orpr_o
Spurn Point	396			+	$ir_or_or_o$
Leeming	257	03191	033	+	r_or_or
Tynemouth	262	02181	044	+	pr
Carlisle	222	10181	028	r_oR	$RrRr_o$
Valley	302	01171	007	ird_od_o	$ifir_o$
Ringway	334	09192	055	+	d_or_oRrR
Squires Gate	318	08201	046	$Rrir_o$	ir_oRrr_o
Ronaldsway	204	11171	014	drd_od_oRF	Rrr_o
Mull of Galloway	131	06141			
Eskdalemuir	162	08141	002	r_orr	rrRr
Prestwick	135	03181	048	ir_oirR	+
Abbotsinch	140	05171	047	rr	pr_o
Leuchars	171	02181	030	r_orr_o	r_orr_o
Dyce	091	97151	032	r_o	ir_o
Lerwick	005	02131	000	r_or_o	$r_or_orrpr_o$
Wick	075	03151	034	rr	rr
Sule Skerry	010	07132			
Cape Wrath	049	07132	018	ir_oRR	ir_opr_o
Stornoway	026	12161	030	r_orrRr_o	pr_opr
Benbecula	022	27152	033	r_or_orrRR	pr
Tiree	100	08161	043	ir_oDRdr	+
Aldergrove	917	02191	063	r_orr_o	jp
Malin	980	9719	049		
Belmullet	976	9118	063		
Birr	965	0219	029		
Dublin	969	0221	045		
Shannon	962	0319	032		
Roches Point	952	9520	035		
Valentia	953	9519	040		

OCEAN WEATHER STATION REPORTS at 12h.

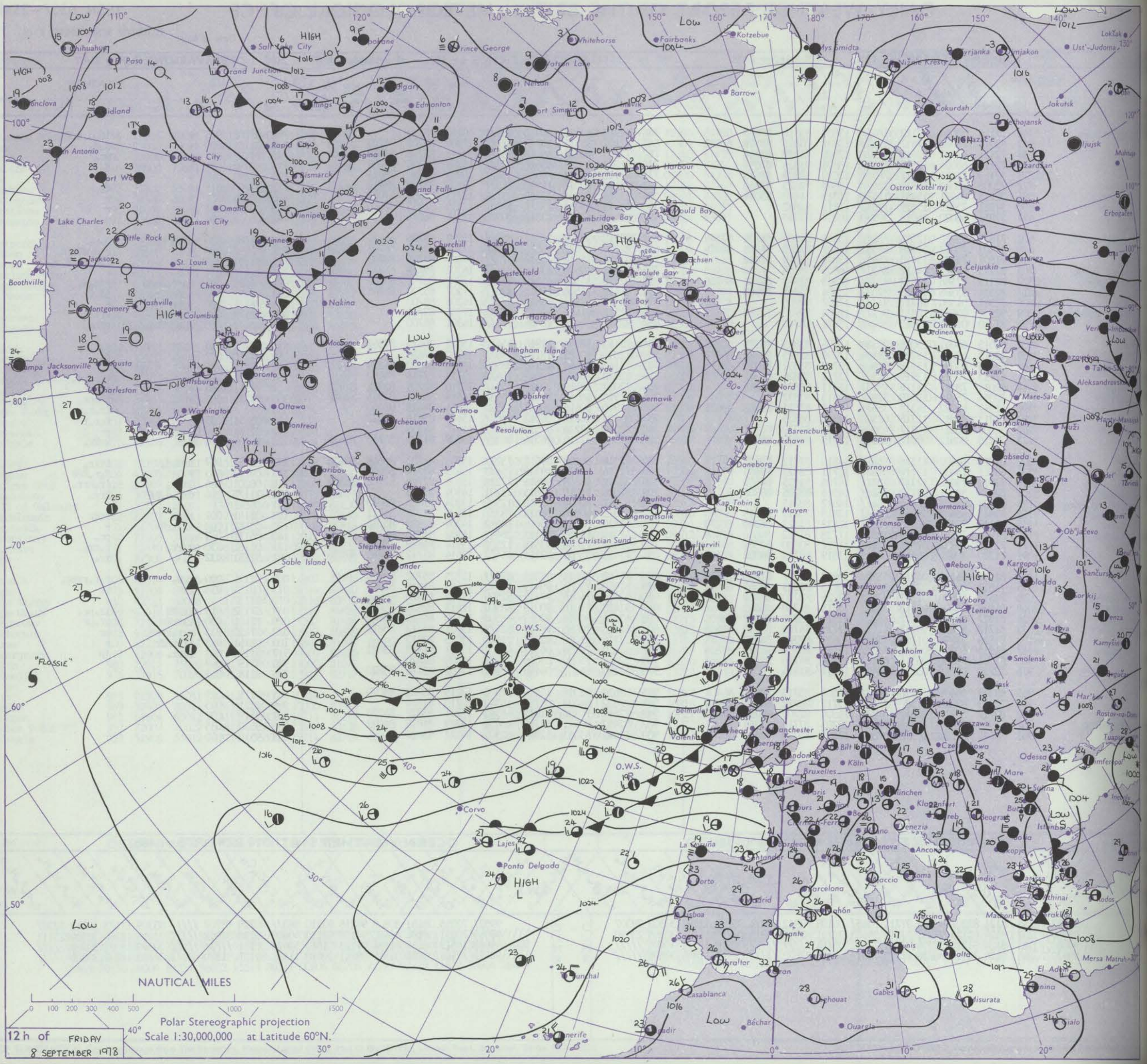
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08121	82207	98258	97711	6345/	00108	83912	83824	05109	11192	30503	29307
L	99569	70202	08124	62124	97258	87313	39403	00101	82910	83815	0//10	11361	30505	23010
M	99660	10020	08124	81224	97808	07011	7946/	00714	/////	/////	00110	11071	30404	/////
R	99470	70168	08124	72516	96216	18218	755//	00216	87620	/////	0//17	11805	30806	/////

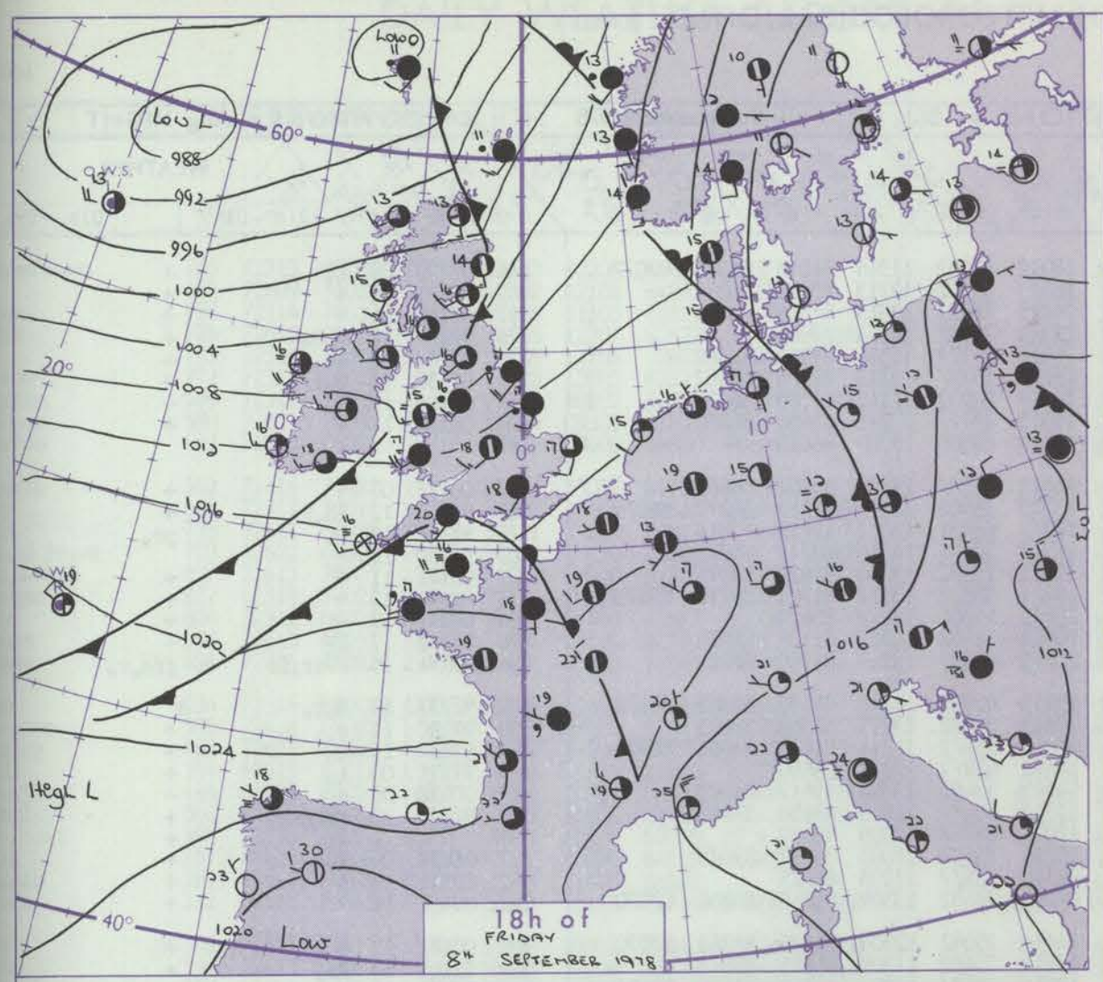
OCEAN WEATHER STATION REPORTS at 18h.

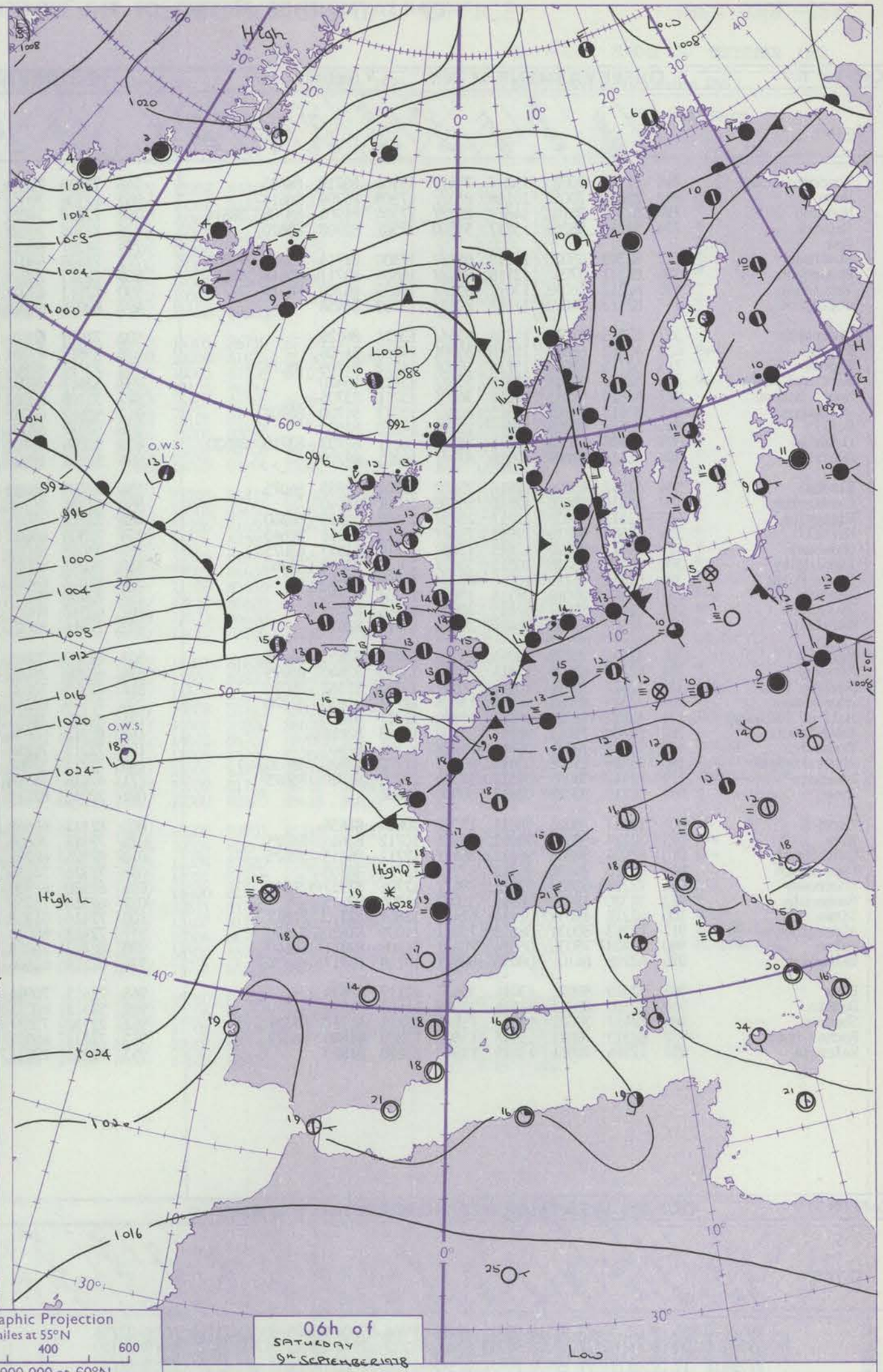
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08181	80808	98216	92210	863//	00729	88707	/////	05309	11173	30302	32207
L	99569	70201	08184	42620	97158	92113	43400	00238	82912	/////	0//10	11364	30504	25111
M	99661	10019	08184	81324	97218	01010	5742/	00731	/////	/////	00010	11077	30505	/////
R	99471	70168	08184	32809	98011	20418	11501	81105	81820	83073	0//16	11807	30806	/////

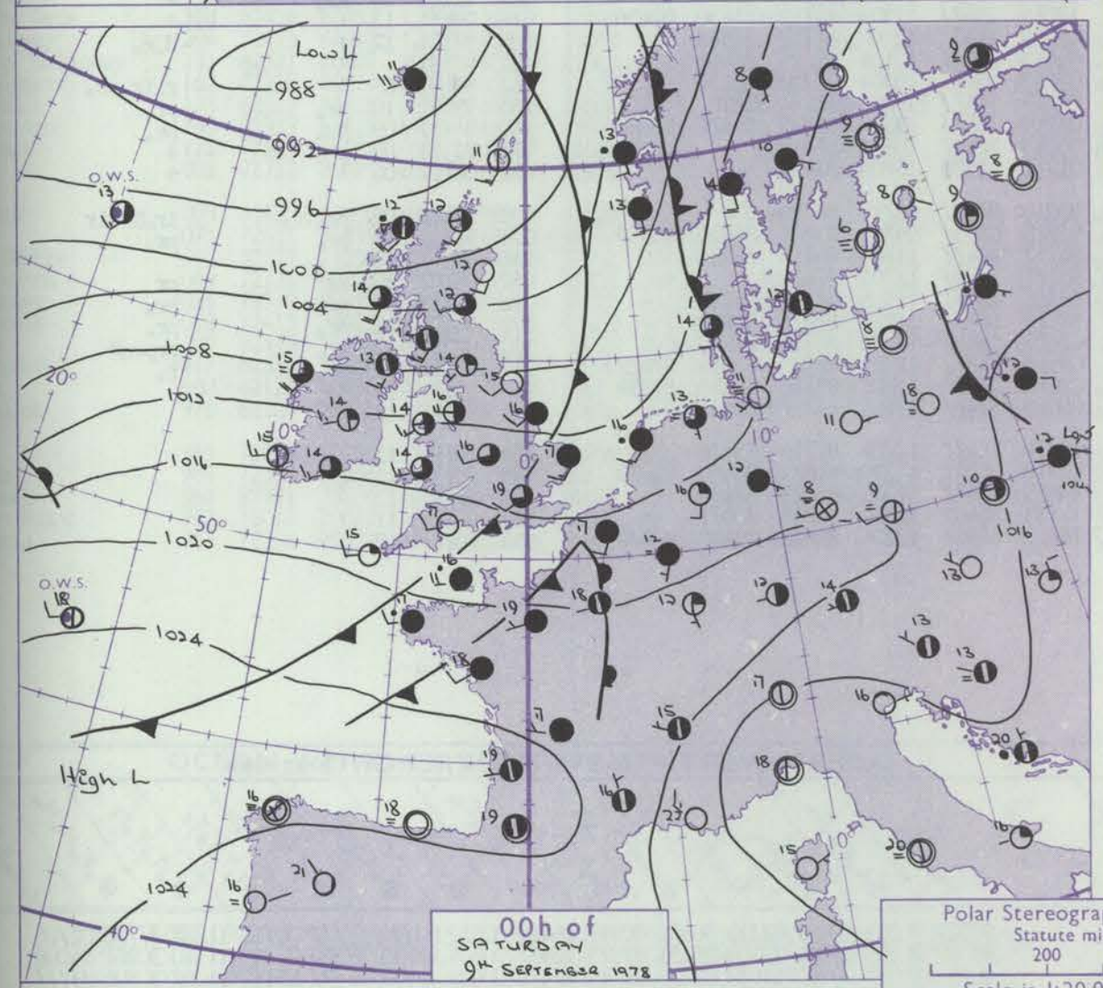
Times of observation printed in this publication are GREENWICH MEAN TIME.

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.

Issued at midday SATURDAY 9 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

A deep depression about 500 miles southwest of Iceland and a secondary about 200 miles south of Iceland have moved rather quickly northeast with the main centre now just north of the Faeroes. An associated cold frontal trough from the south east of Iceland to the west of Ireland moved east across the British Isles and now extends across southern Norway and west Denmark to northwest France, followed by an unstable southwesterly airstream.

During the next 24 hours a warm front, associated with a depression moving northeast towards Iceland, will move very quickly northeast, crossing most of the British Isles by tomorrow morning, followed by a moist southwesterly airstream.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 9 September 1978

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	72512	70025	15217	754//	15104	83710	86635	
Hurn	862	82509	70015	16118	853//	17303	85709	88614	
Manston	797	82311	56102	14817	852//	17504	81703	85706	88614
Gatwick	776	52214	58205	15217	55300	17501	82708	85620	
Kew									
Heathrow	772	62309	65025	14219	654//	17500	81714	83620	86645
Honington	586	82211	57052	12118	854//	16604	83711	85618	88650
Wattisham	590	82212	56052	13017	853//	16603	84709	88614	
Gorleston	497	82113	64022	11817	8092/	15708	88458		
Aberporth	502	62516	62021	14714	655//	13211	86626		
Filton	628	42612	68016	15516	35301	14213	81708		
Rhoose	715	52715	68016	15115	16301	14212	81706	85075	
Hartland Point	703	52821	60015	15815	555//	15213	85620		
Mount Batten	827	42810	58015	17616	36201	15211	83705		
St.Mawgan	817	82615	14105	17815	860//	15213	84700	88701	
Scilly	804	22611	62024	19015	25500	14210	82620		
Culdrose	809	82808	65284	18416	852//	16211	82703	83710	88620
Guernsey	894	82618	03604	19316	870//	16205	88700		
Elmdon	534	62512	65026	12816	25602	13309	82635	86075	
Cardington	559	52316	58056	12618	55600	16501	85640		
Wittering	462	62512	70035	11717	2545/	15502	82615	86360	
Watnall	354	72507	60216	11915	754//	13317	81618	86645	
Shawbury	414	52411	80026	12415	15602	13211	81635	85075	
Finningley	360	72408	75018	10515	5577/	13116	85650	87460	
Spurn Point	396	82412	66216	10216	856//	14209	88645		
Leeming	257	12406	84016	09314	15600	12307	81630		
Tynemouth	262	22510	81021	07615	20930	13105	82358		
Carlisle	222	32307	75031	08414	25501	13212	82623		
Valley	302	52416	75036	13014	25702	13217	82650	85075	
Ringway	334	62707	62026	11815	25602	13209	82640	85075	
Squires Gate	318	52622	70016	10916	10931	13212	81362	85075	
Ronaldsway	204	72515	80031	10314	15606	12111	81630	87270	
Mull of Galloway	131	12422	76021	09013	15500	12211	81620		
Eskdalemuir	162	22204	75011	08111	22400	10208	82818		
Prestwick	135	72214	70031	06914	756//	11105	87640		
Abbotsinch	140	62316	65808	05413	685//	11702	83820	86630	
Leuchars	171	62412	80031	04312	18532	10703	81820	85075	
Dyce	091	02210	80021	02612	00900	08606			
Lerwick	005	12117	70026	98011	15700	10804	81656		
Wick	075	52114	80031	99012	15601	10712	81635	85075	
Sule Skerry	010	82024	58808	96312	884//	12712	86815	88625	
Cape Wrath	049	82326	74036	96312	872//	11712	88705		
Stornoway	026	72220	62808	97412	794//	12706	83912	86816	
Benbecula	022	32320	72258	98613	32400	11804	83815		
Tiree	100	62218	61038	02114	624//	12801	82710	85817	
Aldergrove	917	72213	80031	08613	755//	11005	81620	87650	
Malin	980	72323	75038	05814	785//	11208	82821	86640	
Belmullet	976	62218	64106	08415	684//	13208	83717	84638	
Birr	965	32413	80021	13014	35600	12113	83634		
Dublin	969	22510	80011	11614	25500	11109	81622		
Shannon	962	72417	70021	13615	754//	13210	81717	87631	
Roches Point	952	62313	70021	15514	15602	13209	81640	86072	
Valentia	953	12516	70011	15615	12500	13210	81820		

OBSERVATIONS at 06h. 9 September 1978

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	72509	72031	18012	11432	11314	81815	83365	87072
Hurn	862	62306	70031	18513	35602	12213	83630	85072	
Manston	797	72710	74021	16215	7097/	13313	87360		
Gatwick	776	72509	70021	17313	70932	12214	87360		
Kew	775	52307	68016	16914	15771	12314	81650	85362	
Heathrow	772	72506	68026	16713	1573/	13313	81656	87362	
Honington	586	72513	70011	14414	20932	12112	82360	86070	
Wattisham	590	72513	62021	15013	3577/	12216	83656	86360	
Gorleston	497	62605	64012	14015	65500	13220	86625		
Aberporth	502	72413	60101	16613	3633/	12305	83707	86365	
Filton	628	72813	67031	17515	25402	12315	81712	84072	86075
Rhoose	715	72712	62801	17315	68431	13311	81710	85814	
Hartland Point	703	52617	74031	18315	37401	14314	83712	85075	
Mount Batten	827	32708	62021	19915	15532	13314	81620	83075	
St.Mawgan	817	52612	40052	19814	36202	13211	81703	83710	85075
Scilly	804	52812	62031	20915	55500	14212	85620		
Culdrose	809	52808	56102	20614	18332	14313	81706	84070	
Guernsey	894	82811	18286	20715	860//	15213	84700	87701	
Elmdon	534	72409	68022	15213	45736	11210	84650	84362	87072
Cardington	559	62311	56101	15813	30932	13222	83362	86075	
Wittering	462	72511	75021	14513	15572	11214	81625	85365	86075
Watnall	354	72308	65021	14112	657/2	10211	86650		
Shawbury	414	72412	81021	14413	35482	11308	81612	85075	
Finningley	360	72212	68022	12313	3577/	11205	83656	87460	
Spurn Point	396	82412	64022	12014	857//	12209	88650		
Leeming	257	72408	80021	10114	55601	11003	85637	83075	
Tynemouth	262	62517	80021	08314	655//	11103	86625		
Carlisle	222	72616	80021	08114	28452	13501	81818	85360	87070
Valley	302	72320	70021	14414	15542	12309	81625	83362	87070
Ringway	334	62308	75022	13712	55402	11309	81615	85645	
Squires Gate	318	72523	70032	12015	754//	12304	81712	84630	87656
Ronaldsway	204	72519	68212	11014	1843/	12106	81712	87360	
Mull of Galloway	131	82525	78031	09413	2557/	12104	82625	88460	
Eskdalemuir	162	82218	60606	07612	854//	10304	86710	88630	
Prestwick	135	72318	70258	07013	784//	11301	81714	84820	87640
Abbotsinch	140	72313	57808	05213	784//	12000	82712	84820	87640
Leuchars	171	42416	75018	03213	28432	10505	81815		
Dyce	091	22016	82011	01212	25500	10708	81620		
Lerwick	005	82117	60648	95010	873//	10715	88706		
Wick	075	72317	70808	97213	6853/	09709	83825	85640	85359
Sule Skerry	010	82324	60258	94612	884//	11703	86815	88625	
Cape Wrath	049	72326	74036	95212	755//	12704	87625		
Stornoway	026	62520	62808	97312	694//	11305	82912	85816	
Benbecula	022	62518	73258	99513	684//	11211	83815	86633	
Tiree	100	72416	61258	03013	58402	12307	84817	84070	
Aldergrove	917	72413	60038	09513	753//	11303	82709	83616	87622
Malin	980	82427	75028	06615	7647/	12308	85718	86638	87359
Belmullet	976	82219	62606	09815	864//	13105	86717	88635	
Birr	965	72415	70031	13914	754//	12204	81716	87636	
Dublin	969	52312	80021	12913	35502	11209	81624	83640	85070
Shannon	962	72110	75031	14815	5557/	11305	85623	87460	
Roches Point	952	72212	65022	17113	35602	12307	83634	86071	
Valentia	953	72210	70031	16815	58402	13204	82818	84640	87070

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97120	09	d∘	+
Hurn	862	00131	11	+	+
Manston	797	00150	14	+	+
Gatwick	776	97130	10	d∘d∘	+
Kew	775	01141	12	rr∘	+
Heathrow	772	91130	12	d∘r∘	+
Honington	586	00141	12	+	+
Wattisham	590	00130	11	+	+
Gorleston	497				
Aberporth	502	00131	07	+	+
Filton	628	91141	12	id∘r∘	+
Rhoose	715	97141	12	d∘	pr∘
Hartland Point	703	91150	12		
Mount Batten	827	00141	11	+	+
St.Mawgan	817	00141	13	+	+
Scilly	804	00141	12	+	+
Culdrose	809	94142	12	FF	+
Guernsey	894	93151	15	FFir∘ff	ffd∘r∘
Elmdon	534	97131	10	d∘r∘	+
Cardington	559	97130	11	r∘	+
Wittering	462	97130	11	d∘	+
Watnall	354	97121	09	r∘	+
Shawbury	414	00120	09	+	+
Finningley	360	02131	10	pr∘prpR	+
Spurn Point	396			ir∘	+
Leeming	257	00131	09	~~r∘r∘r~~ +	+
Tynemouth	262	00141	10	+	+
Carlisle	222	00131	11	+	+
Valley	302	00141	12	+	+
Ringway	334	92111	10	Rr∘	+
Squires Gate	318	00141	13	+	+
Ronaldsway	204	97131	12	+	d∘r∘
Mull of Galloway	131	97131			
Eskdalemuir	162	94101	05	+	r∘ir∘pr∘
Prestwick	135	93121	10	pr∘	pr∘
Abbotsinch	140	94131	09	pr∘	pr∘
Leuchars	171	91111	09	pr∘	+
Dyce	091	00111	06	+	+
Lerwick	005	10102	09	pr∘ir∘	ir∘Rrrir
Wick	075	91111	07	pr∘	pr∘
Sule Skerry	010	08111	10		
Cape Wrath	049	08102	10	rr	pr
Stornoway	026	04111	09	pr∘	pr∘
Benbecula	022	94131	11	pr∘	pr∘
Tiree	100	02121	12	pr∘	prpr∘R
Aldergrove	917	92131	11	pr∘	r∘
Malin	980	0113	12		
Belmullet	976	9114	12		
Birr	965	0014	13		
Dublin	969	0013	11		
Shannon	962	9714	12		
Roches Point	952	9712	11		
Valentia	953	0014	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09001	80913	97616	83711	8722/	00754	85704	83525	00010	11111	3//06	32/06
L	99570	70199	09004	42117	97028	97713	43400	00227	82912	83815	0//09	11372	30404	24110
M	99662	10018	09004	81621	96636	98610	874//	00716	/////	/////	00010	11068	30504	/////
R	99470	70168	09004	12412	98020	23018	00901	00108	81073	/////	0//16	11810	30000	27905

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09061	82115	96106	80912	864//	00810	88710	/////	00111	11284	3//08	32/06
L	99570	70198	09064	72108	98151	97813	3847/	00806	82815	87360	0//10	11370	30201	24008
M	99664	10017	09064	61619	97216	94010	37471	00628	/////	/////	05110	11069	30504	/////
R	99470	70168	09064	02216	98020	23218	00900	00304	/////	/////	0//17	11802	30000	27905

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

42661

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue SUNDAY 10 SEPTEMBER 1978

OBSERVATIONS at 12h. 9 September 1978

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	72713	80022	20019	58532	12206	84822	87072	
Hurn	862	72609	75022	20919	41502	12108	84825	87075	
Manston	797	72714	75032	18319	11546	11105	81827	86273	
Gatwick	776	72616	70022	19718	21536	12307	82822	83359	87270
Kew	775	72514	78022	18818	28578	11104	82822	87272	
Heathrow	772	72513	72022	18819	21538	13105	82825	87272	
Honington	586	72519	78032	16419	21636	10102	82832	87272	
Wattisham	590	72621	70032	16619	11636	09301	81832	87272	
Gorleston	497	72620	66022	15719	785//	09000	84820	86630	
Aberporth	502	72416	75022	18417	2537/	13003	81708	87362	
Filton	628	72717	70012	19518	38532	13105	82820	83362	87075
Khoose	715	72521	68028	20018	32431	14112	83815	83363	86075
Hartland Point	703	62622	64022	20715	58331	15110	83708	85815	86075
Mount Batten	827	72615	78021	22019	11572	13006	81820	87075	
St.Mawgan	817	62519	70022	22418	22432	15210	81710	86075	
Scilly	804	32512	60021	23518	11401	15109	81817	83080	
Culdrose	809	72613	62052	22917	21301	15109	81707	87072	
Guernsey	894	72714	70022	23417	18302	15012	81807	86075	
Elmdon	534	72516	80022	17318	58536	10306	84828	87272	
Cardington	559	72418	64022	17319	21548	11103	82825	87272	
Wittering	462	72621	80022	15918	21532	11104	82828	86075	
Watnall	354	62415	80012	15419	12532	11103	81825	85075	
Shawbury	414	62622	80012	16317	68502	11206	84825	85640	85070
Finningley	360	72316	81022	14118	58672	12302	83832	84642	86075
Spurn Point	396	72518	68022	13717	3657/	10202	83720	87360	
Leeming	257	82516	70032	11816	855//	13206	84620	88645	
Tynemouth	262	82518	80022	09416	855//	11105	88620		
Carlisle	222	82619	70025	09916	5847/	13115	81710	84650	85360
Valley	302	72121	70212	15715	5567/	13001	81640	85656	87359
Ringway	334	72413	80022	15116	58676	10204	83830	84640	87362
Squires Gate	318	82424	65032	13916	5547/	13105	82712	85645	88359
Ronaldsway	204	72415	64012	12515	45438	13002	81713	84626	86360
Mull of Galloway	131	82521	80602	10515	855//	12803	86620		
Eskdalemuir	162	82220	50518	08713	873//	12109	85706	88710	
Prestwick	135	82312	45618	08513	851//	13006	82702	85703	87614
Abbotsinch	140	82313	62618	07314	854//	13015	82710	86712	88656
Leuchars	171	72523	81031	04317	1557/	11007	81620	83362	87465
Dyce	091	72712	89021	01717	38528	09008	81820	83630	85464
Lerwick	005	52420	63056	95212	58230	11209	81705	84706	
Wick	075	72621	81158	98916	68432	10207	81814	85818	
Sule Skerry	010	52522	74258	97513	52500	12212	85820		
Cape Wrath	049	72724	80028	99112	784//	11321	84815	87620	
Stornoway	026	72519	80028	00614	48402	11212	82818	83630	87070
Benbecula	022	72415	70028	02414	28436	12203	81818	84360	87272
Tiree	100	82415	56608	04513	7532/	12000	81708	86616	88458
Aldergrove	917	82316	58606	09715	6547/	13809	81710	83616	85626
Malin	980	82120	40636	06014	7642/	13815	85710	86715	88556
Belmullet	976	82124	59616	08516	863//	15608	87708	88714	
Birr	965	72319	80036	13918	5567/	14708	85634	85459	
Dublin	969	72313	75256	12217	4547/	12811	82718	83630	86459
Shannon	962	82321	75036	14819	6547/	14809	82716	83633	86645
Roches Point	952	72017	70012	17817	6647/	14802	86714	85359	
Valentia	953	72216	70032	17119	52430	16805	85816	85365	

OBSERVATIONS at 18h. 9 September 1978

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	72611	82032	20717	50972	12207	85360	83364	87072
Hurn	862	72508	73032	21418	11532	14307	81820	83365	87070
Manston	797	72313	72032	18719	20942	12301	81359	86072	
Gatwick	776	72417	70022	19718	14638	13305	81630	87075	
Kew	775	72413	75022	19219	10978	11306	81360	87275	
Heathrow	772	72610	75032	19019	30932	13304	83360	87072	
Honington	586	72313	75022	15919	50936	11500	85363	87270	
Wattisham	590	72419	62032	16918	25732	10501	82650	85365	87075
Gorleston	497	82309	60022	15619	8097/	11400	88360		
Aberporth	502	72321	64022	18116	66472	14105	86710	87359	
Filton	628	72717	70012	20517	68532	13208	81825	85630	87075
Khoose	715	72719	58022	20017	16332	13005	81708	87075	
Hartland Point	703	72625	60032	20516	6643/	15105	86715		
Mount Batten	827	62513	70022	22817	10942	15207	81362	86073	
St.Mawgan	817	62418	70032	22617	16332	15105	81708	86075	
Scilly	804	52315	60021	23416	00901	15204	85080		
Culdrose	809	52611	65052	23116	26302	15201	82706	84070	
Guernsey	894	72517	68022	24415	25236	14205	81704	85360	86273
Elmdon	534	72317	70022	16818	3857/	11203	81825	83650	86360
Cardington	559	72321	65022	17118	3577/	13105	83650	87362	
Wittering	462	72419	70022	15818	1577/	12106	81650	85360	87464
Watnall	354	72412	75022	14517	7097/	11804	87360		
Shawbury	414	62425	81012	15417	3554/	13106	81625	83650	86360
Finningley	360	72216	75012	13317	4567/	12605	84634	86362	
Spurn Point	396	82518	66022	13318	5567/	11500	85630	88360	
Leeming	257	72109	72216	10316	6552/	13810	86620	87465	
Tynemouth	262	72012	69022	07416	6567/	13813	86630		
Carlisle	222	82416	60616	07516	6532/	15617	82706	84713	86630
Valley	302	72123	60026	14215	65572	14301	81628	86656	87359
Ringway	334	82315	70606	14317	4857/	12500	81820	84640	88460
Squires Gate	318	82420	63606	12616	6567/	14604	85640	88359	
Ronaldsway	204	72312	67212	10717	7547/	13808	81713	85621	87656
Mull of Galloway	131	82330	60026	08215	885//	14501	83820	88625	
Eskdalemuir	162	82216	45636	06714	872//	14612	86704	88708	
Prestwick	135	82318	50616	06415	852//	15305	81704	83706	87710
Abbotsinch	140	82515	65586	04816	853//	15501	83709	86712	88645
Leuchars	171	82613	82022	03615	66478	13709	81712	86716	87360
Dyce	091	82109	75216	02315	7552/	12000	81620	85628	86650
Lerwick	005	72323	62258	96711	782//	10305	83703	85815	87630
Wick	075	72614	82028	00214	38434	10304	82816	85075	
Sule Skerry	010	52518	66031	98513	33574	12304	82820	81920	85070
Cape Wrath	049	62720	80028	99512	38401	11201	81815	83620	86070
Stornoway	026	62410	80038	00613	1257/	11400	81820	86365	
Benbecula	022	72010	75028	01013	5547/	12811	81710	85630	87360
Tiree	100	82315	45506	02815	860//	15107	81701	83702	88704
Aldergrove	917	82315	25616	09016	872//	16304	86703	88708	
Malin	980	82425	61616	06016	6732/	16305	85708	86716	88458
Belmullet	976	82220	40506	08717	863//	16701	85706	88713	
Birr	965	82317	56506	14118	863//	16000	87708	87714	
Dublin	969	82518	75606	12119	864//	15206	86718	88635	
Shannon	962	82316	62205	14818	873//	17706	81708	87712	86625
Roches Point	952	81912	57102	18316	863//	15002	88708		
Valentia	953	82221	56506	17018	863//	17605	88708		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00200	048	+	+
Hurn	862	00210	045	+	+
Manston	797	00210	054	+	+
Gatwick	776	00210	052	+	+
Kew	775	00200	064	+	+
Heathrow	772	00220	058	+	+
Honington	586	00200	041	+	+
Wattisham	590	00200	051	+	+
Gorleston	497		051		
Aberporth	502	97181	036	+	d_od_o
Filton	628	00190	032	+	+
Khoose	715	97180	065	+	d_o
Hartland Point	703	97162	060		
Mount Batten	827	00201	078	+	+
St.Mawgan	817	00191	087	+	+
Scilly	804	00181	079	+	+
Culdrose	809	00181	081	+	+
Guernsey	894	00180	063	+	+
Elmdon	534	00200	054	+	+
Cardington	559	00210	068	+	+
Wittering	462	00200	043	+	+
Watnall	354	00190	030	+	+
Shawbury	414	00190	040	+	+
Finningley	360	00191	027	+	+
Spurn Point	396			+	ir_o
Leeming	257	97181	001	+	ir_o
Tynemouth	262	00191	004	+	+
Carlisle	222	04171	008	d_o–$r_or_orr_o$	$rr_or_oir_o$
Valley	302	97161	006	r_o	+
Ringway	334	01181	013	+	r_or_o
Squires Gate	318	92171	019	r_o	ir_o
Ronaldsway	204	01171	004	rir_o	ir_o
Mull of Galloway	131	92151			
Eskdalemuir	162	12152	013	pr_odrd_o–r_orr	rrr_oRr
Prestwick	135	14161	000	$pr_or_or_od_or_orr$	$r_or_orrdrd_or_o$
Abbotsinch	140	07161	000	$pr_or_or_orr_odr$	$drdrrd_or_od_or_o$
Leuchars	171	00171	024	+	+
Dyce	091	97171	032	+	r_o
Lerwick	005	01131	048	id_o	pr_o
Wick	075	97171	061	jp	pr_o
Sule Skerry	010	92141			
Cape Wrath	049	01142	036	pr_opr	pr_o
Stornoway	026	97151	059	pr_o	+
Benbecula	022	01151	006	pr_o	id_oR
Tiree	100	10151	000	Rrr_or_o	$r_or_odd_od_oR$
Aldergrove	917	03161	000	r_o–r_or_o	$r_or_ord_or_od_o$
Malin	980	1916	000		
Belmullet	976	0817	000		
Birr	965	9720	005		
Dublin	969	9721	019		
Shannon	962	9719	005		
Roches Point	952	0018	011		
Valentia	953	9719	012		

OCEAN WEATHER STATION REPORTS at 12h.

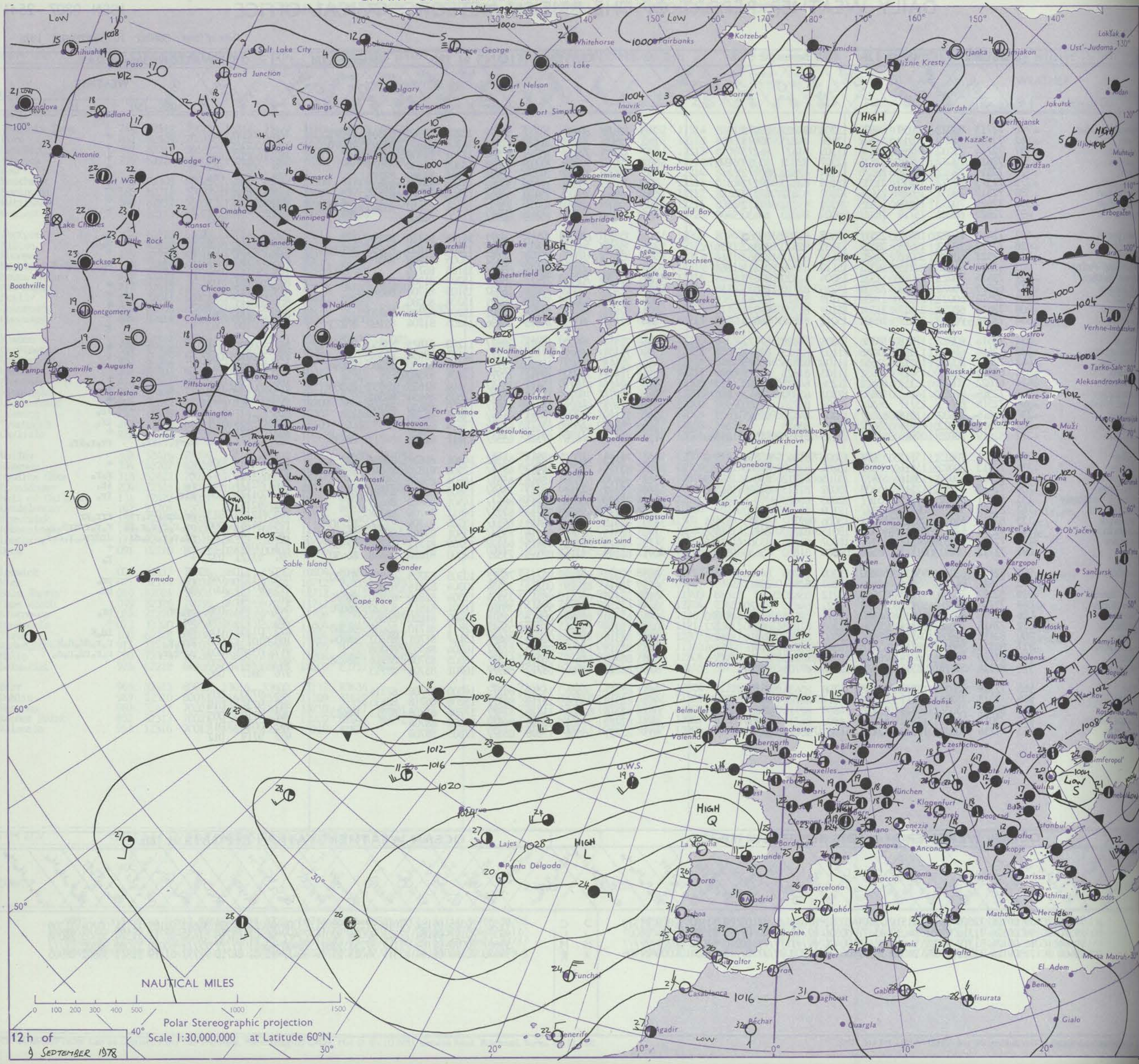
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09121	72615	98036	91511	72401	00292	87819	/////	05009	11187	30808	21310
L	99570	70198	09124	71316	97016	94012	4547/	00830	82710	83640	0//11	11388	30304	24007
M	99664	10016	09124	61312	97032	94611	58440	00400	/////	/////	00210	11088	30202	/////
R	99468	70171	09124	72022	97032	24019	763//	00101	87708	/////	0//18	11851	30000	27906

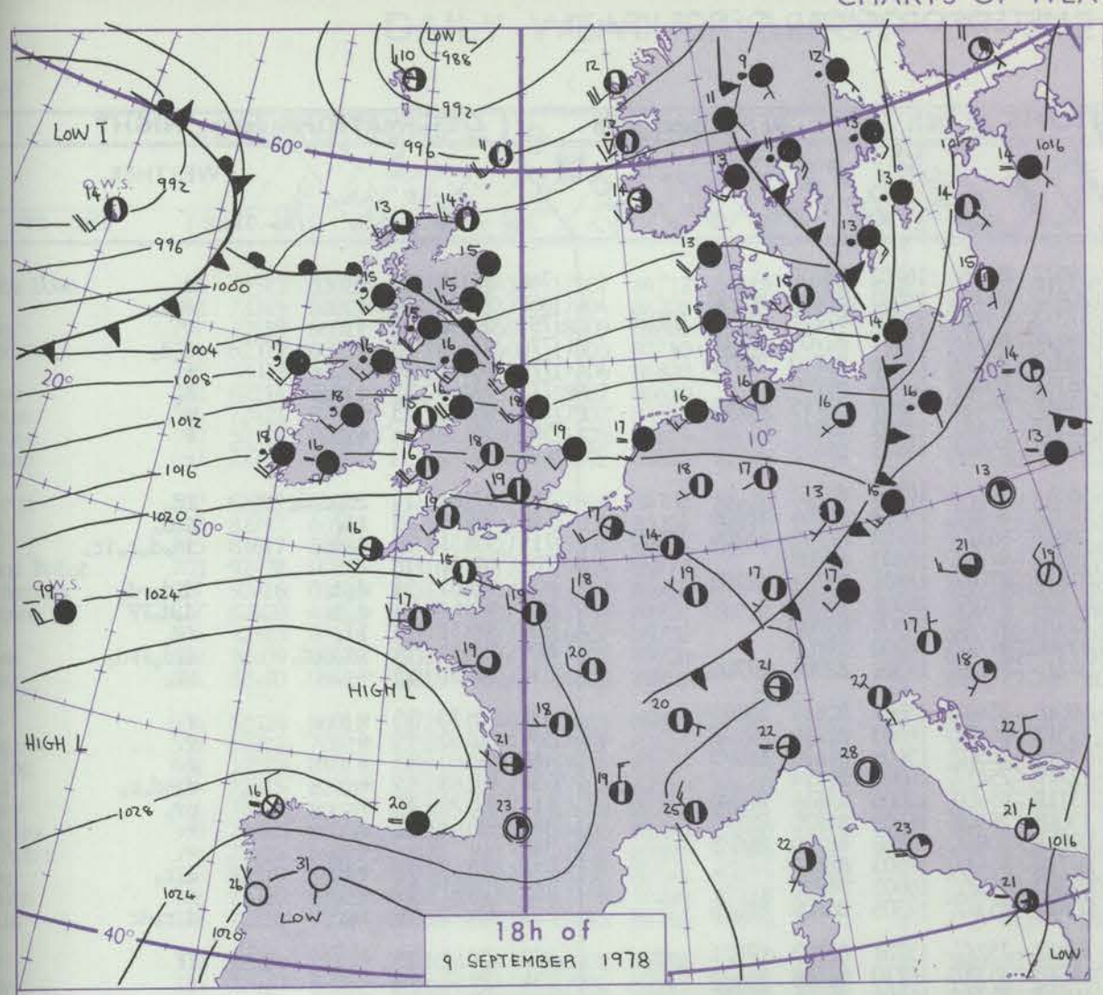
OCEAN WEATHER STATION REPORTS at 18h.

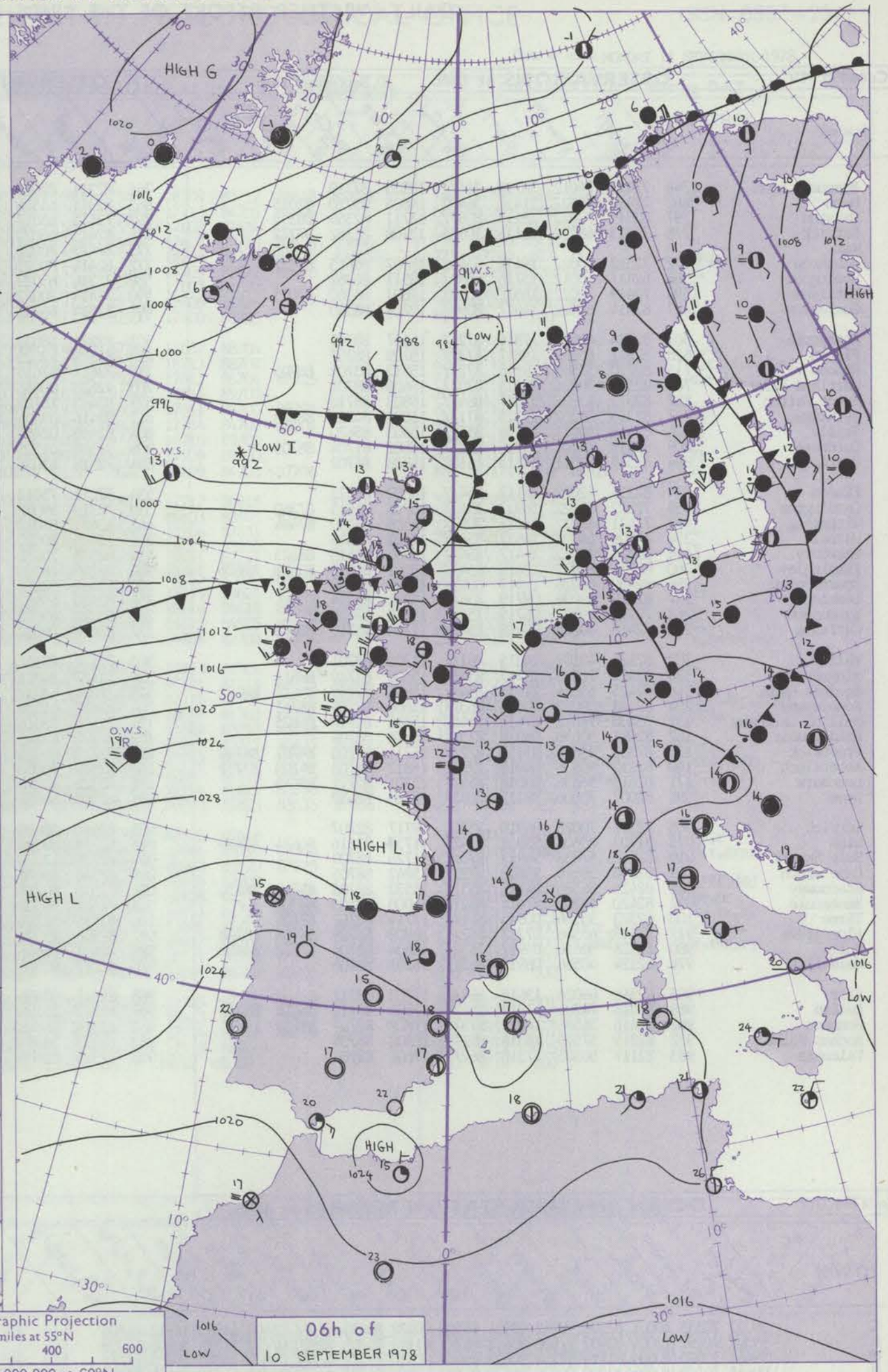
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_saPP	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_w$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09181	72610	97258	98911	73300	00228	84909	84623	00109	11114	30706	31309
L	99571	70197	09184	72325	97036	92014	754//	00307	83710	87630	0//12	11374	30505	24008
M	99661	10018	09184	71112	97258	92811	78400	42611	/////	/////	00010	11080	30302	/////
R	99470	70168	09184	82319	96025	23719	864//	12501	88710	/////	0//19	11811	30602	28905

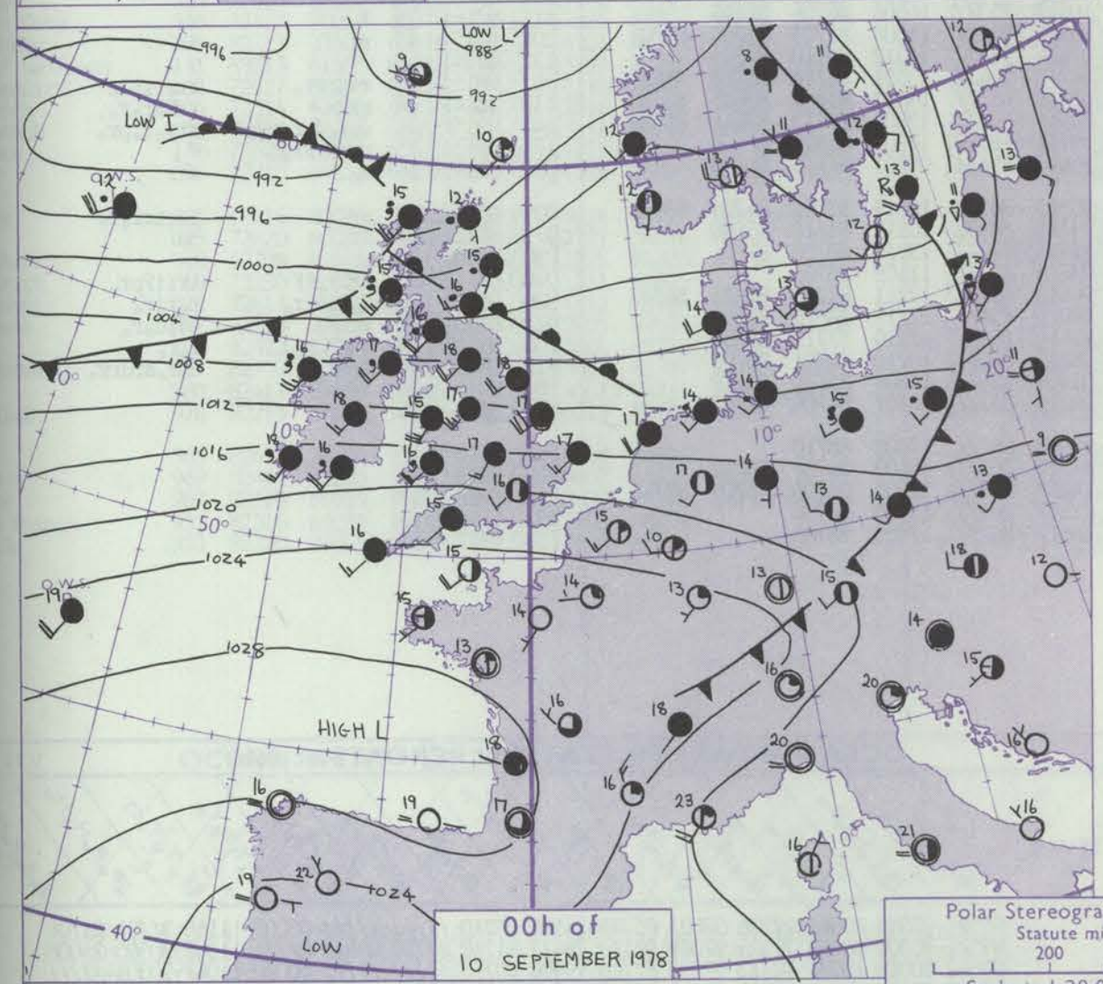
Times of observation printed in this publication are GREENWICH MEAN TIME.

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.

Issued at midday SUNDAY 10 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure remained low to the north of the British Isles maintaining a westerly airstream over all parts with frontal troughs crossing northern districts.

During the next 24 hours a depression to the north of the British Isles is expected to move east maintaining a west or northwesterly airstream over all parts with a frontal trough moving slowly south to southern England.

Code FM 11.V

OBSERVATIONS at 00h. 10 September 1978

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	72411	74012	20716	764//	13805	87710		
Hurn	862	72410	75022	21416	36402	14805	83710	87075	
Manston	797	82515	70022	18117	8097/	13711	82359	88362	
Gatwick	776	72315	68032	20116	10938	13708	81362	87272	
Kew									
Heathrow	772	72512	70022	19416	65402	13707	86615	87072	
Honington	586	62417	65012	15716	6093/	13511	86362		
Wattisham	590	72419	70022	16515	60932	12607	86360	87075	
Gorleston	497	82514	66022	14617	8097/	12204	88360		
Aberporth	502	82424	40515	17816	872//	16607	88703		
Filton	628	82612	60502	19817	873//	15709	88707		
Rhoose	715	82720	57505	19616	872//	15812	83703	88705	
Hartland Point	703	82525	30026	20415	870//	15606	88701		
Mount Batten	827	82612	63022	23317	864//	15803	88710		
St.Mawgan	817	82313	50502	23316	871//	15801	84702	88703	
Scilly	804	82415	60021	24116	855//	15803	88620		
Culdrose	809	82513	56101	23916	862//	15802	81704	88705	
Guernsey	894	42519	66011	24815	46102	14808	84702		
Elmdon	534	82214	62022	16117	854//	14607	88612		
Cardington	559	72322	70022	16917	1547/	15711	81615	87360	
Wittering	462	72421	68022	15117	7097/	14506	85360	87464	
Watnall	354	82209	64022	14617	854//	14102	88613		
Shawbury	414	82524	70022	14417	854//	15802	84615	88625	
Finningley	360	82215	80022	12618	854//	15301	81618	85628	88656
Spurn Point	396	82430	66026	11417	8092/	14506	88460		
Leeming	257	82519	82036	09719	854//	15501	88614		
Tynemouth	262	72718	69022	06719	756//	15812	87630		
Carlisle	222	82418	70026	07418	854//	17704	85710	88618	
Valley	302	82125	40102	14315	861//	15702	88701		
Ringway	334	82414	70026	13717	854//	15500	81710	88614	
Squires Gate	318	82425	65026	11917	854//	15806	82710	84618	88622
Ronaldsway	204	82418	59022	10416	863//	15606	82709	88711	
Mull of Galloway	131	52430	74012	07415	55400	15812	82710	85625	
Eskdalemuir	162	82021	50636	06016	873//	15810	88706		
Prestwick	135	82321	25656	05116	872//	16711	82703	84707	88710
Abbotsinch	140	82212	50636	04016	7722/	16812	81703	84708	87713
Leuchars	171	82615	56636	03016	854//	15301	83712	88645	
Dyce	091	82007	70606	98115	8092/	13828	88459		
Lerwick	005	32317	70028	94910	35300	09717	82707		
Wick	075	81707	80606	95912	7542/	11734	83616	86624	88459
Sule Skerry	010	82910	57638	94911	873//	11726	88709		
Cape Wrath	049	81818	59616	93813	872//	13842	88705		
Stornoway	026	82425	56586	94615	853//	15532	83706	85710	88616
Benbecula	022	82420	58206	97614	862//	14008	83705	88708	
Tiree	100	82323	35586	00915	861//	15714	83702	88705	
Aldergrove	917	82318	60506	07717	862//	16809	81705	84706	88708
Malin	980	82328	50616	04917	7632/	16804	83706	87712	88458
Belmullet	976	82124	40586	08916	863//	16201	88706		
Birr	965	82316	66026	13618	864//	17703	88712		
Dublin	969	82418	70206	11919	5547/	17802	83712	85618	88462
Shannon	962	82416	56586	14818	873//	17802	82707	88710	
Roches Point	952	82219	57515	18316	862//	16802	88704		
Valentia	953	82117	50505	17518	862//	17601	88704		

OBSERVATIONS at 06h. 10 September 1978

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	82311	82025	19517	863//	16702	88707		
Hurn	862	82311	65515	20417	852//	16503	85705	88610	
Manston	797	72415	65012	17317	654/2	15703	82711	85615	87078
Gatwick	776	82415	66022	19217	863//	15504	82708	88710	
Kew	775	82413	70022	18017	864//	15706	86710	88712	
Heathrow	772	82411	70025	18117	863//	16504	88709		
Honington	586	72316	65022	14417	36432	15607	83715	86072	
Wattisham	590	72414	70022	15317	754//	15502	87611		
Gorleston	497	52514	66022	12817	555//	14705	85625		
Aberporth	502	82221	58035	16617	862//	16706	88703		
Filton	628	82719	62025	18317	862//	16803	86704	88706	
Rhoose	715	82617	57615	18817	851//	16203	81702	86704	87611
Hartland Point	703	92625	00455	18916	9////	16803	89/00		
Mount Batten	827	82415	18105	21917	870//	16801	86701	88702	
St.Mawgan	817	82416	03505	21816	870//	16501	88700		
Scilly	804	92416	02455	22416	9////	16500	89/00		
Culdrose	809	92514	01505	22316	9////	16500	89/00		
Guernsey	894	72518	63031	24215	762//	14302	82704	87705	
Elmdon	534	52217	75012	14618	35442	15607	82614	83075	
Cardington	559	72318	59052	15518	26401	16503	82710	87077	
Wittering	462	62421	82012	13318	15502	15609	81620	86075	
Watnall	354	72413	70022	12719	754//	16004	87614		
Shawbury	414	62518	70031	13119	65400	16606	83615	85620	
Finningley	360	62216	78026	10018	28509	16508	81820	85175	
Spurn Point	396	62419	70022	09818	30971	15708	83360	86075	
Leeming	257	82420	59582	07719	854//	17503	88612		
Tynemouth	262	82722	69022	04320	855//	16602	88620		
Carlisle	222	82618	70022	05918	853//	17305	86709	88616	
Valley	302	72124	40101	12815	752//	15701	83703	87621	
Ringway	334	42420	80011	11218	35332	16710	81708	83625	
Squires Gate	318	72424	62012	10517	753//	16506	86706	87615	
Ronaldsway	204	82412	61026	09315	852//	15604	82703	85704	87706
Mull of Galloway	131	72518	78016	07814	754//	14312	82710	87625	
Eskdalemuir	162	62524	62216	04715	5847/	13501	81714	83818	85630
Prestwick	135	72725	65026	05315	6537/	14803	81708	83615	85650
Abbotsinch	140	62519	70606	03916	4547/	13301	81712	83616	85359
Leuchars	171	32522	80036	99716	18532	14309	81820		
Dyce	091	62305	84016	96615	15431	09301	81616	86360	
Lerwick	005	82610	58616	90510	851//	10619	83702	84705	88630
Wick	075	62718	80016	93713	58432	10212	81818	85640	
Sule Skerry	010	82724	12626	92413	873//	13314	88708		
Cape Wrath	049	82740	61606	93713	872//	11109	88705		
Stornoway	026	72515	66216	96613	6543/	12211	81710	85625	86360
Benbecula	022	72521	58502	98913	754//	12111	83616	87630	
Tiree	100	82519	58216	02414	854//	13210	87712	88635	
Aldergrove	917	82516	25596	08217	860//	16210	86701	88705	
Malin	980	82431	60606	05416	6247/	14304	85710	83819	
Belmullet	976	82217	40586	09216	862//	16107	86704	88708	
Birr	965	82317	60606	12918	864//	17501	88710		
Dublin	969	82512	25596	11319	863//	18103	86706	88710	
Shannon	962	82514	56586	14218	873//	17301	82706	85709	87711
Roches Point	952	82213	58505	17117	862//	17705	88704		
Valentia	953	82315	50105	16517	862//	17603	88703		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97140	11	+	d_o
Hurn	862	97151	14	+	d_od_o
Manston	797	00150	14	+	+
Gatwick	776	97150	13	+	d_od_o
Kew	775	00160	14	+	+
Heathrow	772	97160	15	+	d_o
Honington	586	00160	15	+	+
Wattisham	590	00150	14	+	+
Gorleston	497				
Aberporth	502	97161	12	$id_od_od_o$	id_o
Filton	628	97161	15	id_o	d_od_o
Rhoose	715	95151	15	d_od_o	$id_od_or_oir_o$
Hartland Point	703	01152	15		
Mount Batten	827	97161	14	d_od_o	d_od_o–d_o
St.Mawgan	817	93161	14	d_od_o	d_od_oFF
Scilly	804	92151	13	id_o	id_o
Culdrose	809	96152	14	$id_od_od_o$	d_od_oFFd_o
Guernsey	894	97151	13	+	id_o
Elmdon	534	00170	15	+	+
Cardington	559	00160	15	+	+
Wittering	462	00160	15	+	+
Watnall	354	97160	14	+	d_o–d_or_o
Shawbury	414	97170	15	+	pr_o
Finningley	360	97161	15	r_o	+
Spurn Point	396			+	+
Leeming	257	92181	15	+	d_or_o
Tynemouth	262	00181	16	+	+
Carlisle	222	95171	16	ir_o	d_or_odr
Valley	302	00151	15	+	ff
Ringway	334	00161	14	+	+
Squires Gate	318	97161	15	+	r_o
Ronaldsway	204	92151	15	r_o	+
Mull of Galloway	131	97141			
Eskdalemuir	162	08151	13	rr_orrr_o	$rr_or_opr_o$
Prestwick	135	18141	14	rrRR	$rrRRr_or_o$
Abbotsinch	140	22151	14	$d_or_od_or_orRrr$	$rrr_or_opr_o$
Leuchars	171	09151	13	r_orRrrr_o	+
Dyce	091	91141	10	r_o	+
Lerwick	005	05092	08	pr_o	$pr_oirr_or_o$
Wick	075	91121	07	ir_o	jp
Sule Skerry	010	21102	10		
Cape Wrath	049	04112	10	$rrir_oiF$	ir_oiFpr_o
Stornoway	026	01121	10	$d_or_or_or_o$	r_orir_o
Benbecula	022	01131	12	$irid_o$	$id_od_or_o$
Tiree	100	09141	13	$RRrd_or_o$	d_or_o
Aldergrove	917	03161	16	d_o–d_od_o	$d_or_odrdrr_o$
Malin	980	0615	14		
Belmullet	976	9215	15		
Birr	965	0118	17		
Dublin	969	9218	17		
Shannon	962	9418	17		
Roches Point	952	9716	16		
Valentia	953	9717	17		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	10001	62506	98012	03911	64500	00222	86625	/////	05109	11193	3//12	21/06
	99572	70197	10004	82432	97608	93412	853//	61111	85708	88620	0//12	11373	30506	24009
	99661	10020	10004	81114	97258	90810	894//	00610	/////	/////	05010	11065	30303	/////
	99469	70169	10004	82319	96034	24819	863//	00102	88706	/////	0//19	11820	30602	27904

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	10061	22206	98021	05711	25500	00210	/////	/////	05009	11165	3//01	21/06
	99571	70200	10064	72525	97028	97112	784//	51212	82710	83818	0//11	11366	30505	24008
	99662	10018	10064	70712	97808	87710	79400	00713	/////	/////	00010	11067	30303	/////
	99470	70168	10064	82321	96104	23919	863//	00704	88706	/////	0//18	11722	30603	27904

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

Date of Issue MONDAY 11 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 10 September 1978

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	72513	83025	18722	6543/	17607	84712	86616	86358
Hurn	862	72315	62015	19819	753//	17704	81706	83708	86635
Manston	797	22419	66011	16124	21501	18709	82820		
Gatwick	776	62319	66035	18721	65400	17505	82710	85614	
Kew	775	62317	80022	17322	61500	17706	86820		
Heathrow	772	62314	81015	17324	655//	18807	86620		
Honington	586	72421	82031	13523	785//	17502	83824	87635	
Mattisham	590	52526	80022	14025	38501	16605	83825	83075	
Gorleston	497	72720	66031	12124	42501	16702	84825	87075	
Aberporth	502	62222	62015	15719	653//	17804	84708	86630	
Filton	628	82717	60505	18618	873//	17500	85707	88710	
Rhoose	715	82617	58016	18518	852//	17501	87704	88620	
Hartland Point	703	92428	00515	18516	9////	16804	89///		
Mount Batten	827	92416	03434	21517	9////	17707	89/00		
St.Mawgan	817	82420	45025	21119	860//	17805	83701	88702	
Scilly	804	92318	03475	22317	9////	16602	89/00		
Culdrose	809	92609	00475	22317	9////	17805	89/00		
Guernsey	894	82420	09425	23916	860//	16803	88700		
Elmdon	534	52524	80012	13724	58500	17805	84822		
Cardington	559	62321	70021	15023	3853/	17802	82820	85360	
Wittering	462	32523	81011	13024	38500	17801	82824		
Wetnall	354	72515	82026	12522	785//	17500	82820	86640	
Shawbury	414	72617	80028	13420	784//	17400	81710	83615	87620
Finningley	360	72320	80032	10222	785//	17400	83825	86630	
Spurn Point	396	72624	66012	09722	5857/	17400	85825	85360	
Leeming	257	82519	80016	08220	3547/	16307	82614	83625	88362
Tynemouth	262	72720	81022	06020	1155/	13108	81820	87358	
Carlisle	222	72816	70026	07318	6843/	14315	81710	86650	
Valley	302	82024	22104	12116	860//	15802	88701		
Ringway	334	72519	81021	11521	754/2	17001	82715	85626	85645
Squires Gate	318	72422	70016	10318	7833/	17802	81707	86614	85625
Ronaldsway	204	82413	33506	09516	872//	16101	84703	88707	
Mull of Galloway	131	83213	61505	08615	3642/	15107	83710	88458	
Eskdalemuir	162	72427	81258	05417	785//	12110	84820	85645	
Prestwick	135	72514	62152	07116	3847/	13316	81714	83650	87362
Abbotsinch	140	72512	70258	05915	784//	13114	82712	86816	
Leuchars	171	72625	82031	02418	7855/	11119	86826	84630	86362
Dyce	091	72718	84252	00218	685/2	11218	81820	83825	85635
Lerwick	005	62716	80036	94712	68332	09226	81707	85812	
Wick	075	72820	80252	97915	58432	12221	84816	83630	
Sule Skerry	010	52708	81016	97612	2857/	11226	81820	85358	
Cape Wrath	049	73230	66026	97412	755//	11211	87625		
Stornoway	026	72617	68258	99815	784//	11112	81714	85817	86645
Benbecula	022	72513	70028	01614	5847/	13005	81816	85624	87360
Tiree	100	82413	61212	04115	3542/	13004	81710	88459	
Aldergrove	917	82707	70606	08515	6532/	14001	81707	84711	85618
Malin	980	82417	62606	07015	6647/	13001	84711	84640	87459
Belmullet	976	82215	40635	07816	862//	16713	83704	88708	
Birr	965	82415	58506	11919	864//	18608	88714		
Dublin	969	82414	50505	10220	863//	19607	85708	88715	
Shannon	962	82515	80215	13019	863//	18807	82708	86713	86625
Roches Point	952	82316	65025	16319	863//	17705	88708		
Valentia	953	82220	25505	15818	862//	17802	88704		

OBSERVATIONS at 18h. 10 September 1978

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	72216	75026	16920	754//	18709	83712	85618	87635
Hurn	862	82413	65032	17918	862//	17713	84705	88706	
Manston	797	22316	62011	15820	25501	17802	82624		
Gatwick	776	72211	58041	17119	754//	17607	83710	83628	85640
Kew	775	72212	62606	15722	754//	18708	82712	85620	87635
Heathrow	772	82310	60606	15722	854//	18709	82617	88620	
Honington	586	32417	75031	12322	28501	17607	81822		
Mattisham	590	42423	65021	13122	28502	17806	81826		
Gorleston	497	32420	62021	11124	32500	17400	83825		
Aberporth	502	82221	25501	14017	872//	17607	88704		
Filton	628	82616	67206	16319	873//	18713	88709		
Rhoose	715	72715	61026	16119	752//	17612	86704	87625	
Hartland Point	703	92528	00515	16316	9////	16814	89/00		
Mount Batten	827	82416	09425	19717	860//	17611	86700	88701	
St.Mawgan	817	82420	08466	19118	860//	17714	84700	88701	
Scilly	804	92218	03454	20317	9////	16710	89/00		
Culdrose	809	92613	01436	20517	9////	17709	89/00		
Guernsey	894	82318	60104	22117	862//	16609	84703	87706	
Elmdon	534	72420	80022	12221	784//	17712	86818		
Cardington	559	72217	64031	13821	756//	18603	83645	87656	
Wittering	462	72417	75031	11622	756//	17706	87635		
Wetnall	354	52416	82016	09622	48540	18815	83820		
Shawbury	414	52516	78031	10520	45480	18511	84617		
Finningley	360	62116	83031	07422	55630	17815	85630	83359	
Spurn Point	396	52418	66012	07322	35570	17715	83625	85360	
Leeming	257	72314	60606	05221	6544/	18616	86618	87360	
Tynemouth	262	82510	69515	05115	4352/	14811	84925	88458	
Carlisle	222	82707	22596	05914	871//	14808	82702	88704	
Valley	302	82128	12102	09616	860//	15713	88701		
Ringway	334	62518	70211	09021	6548/	17711	81715	83635	85656
Squires Gate	318	82321	60606	07617	853//	17716	81707	83710	88618
Ronaldsway	204	82417	61616	06817	7522/	16507	81703	84707	87650
Mull of Galloway	131	80205	58616	06813	3642/	13509	83710	88458	
Eskdalemuir	162	62410	60618	05213	5543/	11618	83712	85635	86362
Prestwick	135	82308	56588	05612	7512/	12713	81702	83703	85626
Abbotsinch	140	72708	75218	04713	7547/	12610	82710	83625	86656
Leuchars	171	72512	84216	03015	3857/	11206	81825	83656	86360
Dyce	091	72711	86018	01115	7857/	10303	81825	83635	87656
Lerwick	005	72712	82026	97109	754//	07002	87618		
Wick	075	72305	62216	99212	4643/	11001	83710	87360	
Sule Skerry	010	72905	80028	98811	785//	10203	82820	87625	
Cape Wrath	049	92712	02525	99111	9////	10105	89/00		
Stornoway	026	72410	64808	99313	784//	12808	82710	84815	87630
Benbecula	022	72312	63038	00414	784//	13711	81711	87640	
Tiree	100	82317	60206	03313	7532/	12606	82708	86612	88458
Aldergrove	917	71202	61606	06014	752//	14812	83704	84708	87713
Malin	980	82509	60215	05213	6732/	12711	84706	85712	88458
Belmullet	976	82411	50586	06614	861//	14504	86702	88706	
Birr	965	82317	56586	09418	862//	17715	87705	88709	
Dublin	969	82614	75216	07620	864//	17613	86715	86625	
Shannon	962	82419	40586	10518	873//	17714	83706	86709	88712
Roches Point	952	82220	58515	13917	863//	17712	88708		
Valentia	953	82321	20515	13518	862//	18711	88703		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97240	014	d_or_o	d_or_o
Hurn	862	00200	040	+	+
Manston	797	00250	094	+	+
Gatwick	776	00230	043	+	+
Kew	775	97240	027	ir_o	ir_or_o
Heathrow	772	97251	026	+	r_o
Honington	586	00240	072	+	+
Mattisham	590	00260	091	+	+
Gorleston	497		100		
Aberporth	502	97211	024	+	d_od_o
Filton	628	97191	000	d_od_o-d_oir_o	$d_or_oid_or_od_or_o$
Rhoose	715	96191	000	$d_or_oid_odr$	$d_or_oid_o$
Hartland Point	703	01162	000		
Mount Batten	827	97171	000	r_offd_o	ffF
St.Mawgan	817	92191	000	fr_or_o	ff
Scilly	804	00181	000	ff	ff
Culdrose	809	93171	000	$d_od_oFFir_o$	FF
Guernsey	894	97171	000	d_od_of	f
Elmdon	534	00250	059	+	+
Cardington	559	00250	069	+	+
Wittering	462	00250	083	+	+
Wetnall	354	97230	014	d_or_o	+
Shawbury	414	97230	068	pr_o	d_o
Finningley	360	00241	051	+	+
Spurn Point	396			+	ir_o
Leeming	257	91221	013	+	r_o
Tynemouth	262	93201	021	+	$d_od_oir_o$
Carlisle	222	05181	003	r_o	$r_oRrdrd_or_o$
Valley	302	00181	016	+	+
Ringway	334	97221	014	+	r_o
Squires Gate	318	04191	001	$r_od_or_o$	$d_or_odrr_oir_orR$
Ronaldsway	204	07181	001	d_oDRr_o	DRRd
Mull of Galloway	131	07161			
Eskdalemuir	162	04181	059	pr_or	rr_o
Prestwick	135	07161	008	$pr_od_or_o$	drd_or_odr
Abbotsinch	140	01161	004	pr_or_or	$r_or_od_or_o$
Leuchars	171	91191	042	r_o	r_o
Dyce	091	97191	022	pr_o	r_o
Lerwick	005	97121	030	id_o	id_or
Wick	075	01161	038	pr_o	$d_or_odrpr_o$
Sule Skerry	010	01132			
Cape Wrath	049	06132	000	+	iFffiddd
Stornoway	026	01161	011	pr_o	pr_opr
Benbecula	022	02151	002	pr_o	$id_orr_or_o$
Tiree	100	93151	000	$ir_or_or_o$	$r_or_oid_o$
Aldergrove	917	12172	000	r_orRd_o	$r_orRr_or_o$
Malin	980	0716	000		
Belmullet	976	1116	000		
Birr	965	0120	001		
Dublin	969	0222	002		
Shannon	962	0221	007		
Roches Point	952	9719	005		
Valentia	953	9718	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

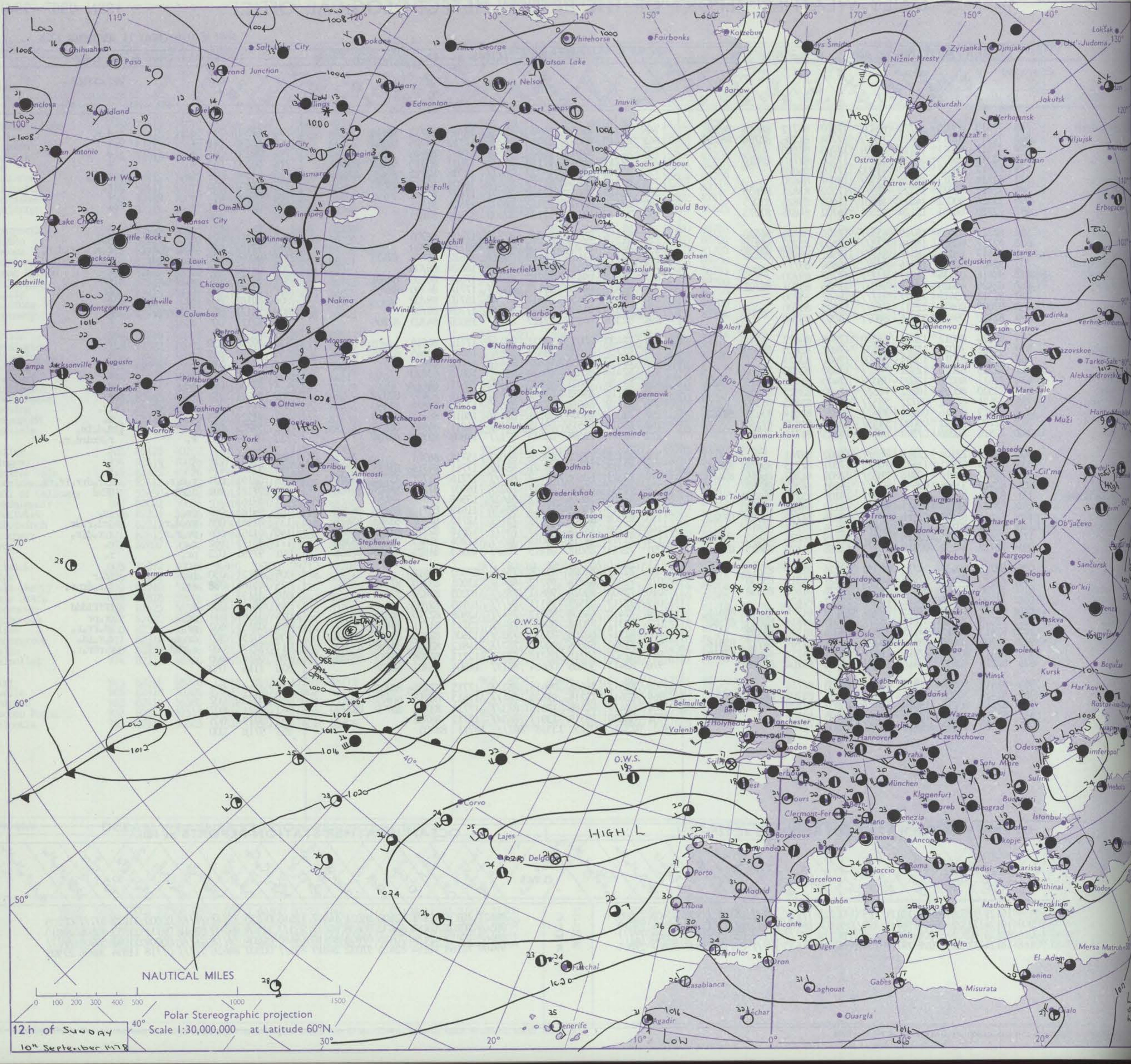
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	10121	32808	98021	10111	22530	00228	/////	/////	05109	11195	30403	21005
	99570	70203	10124	72322	96808	96711	793//	51804	84708	86912	0//11	11358	30504	25010
	99663	10016	10124	60520	97808	88811	69400	00214	/////	/////	05010	11076	30303	/////
	99470	70168	10124	72422	97026	24719	756//	00803	87630	/////	0//18	11833	30807	27005

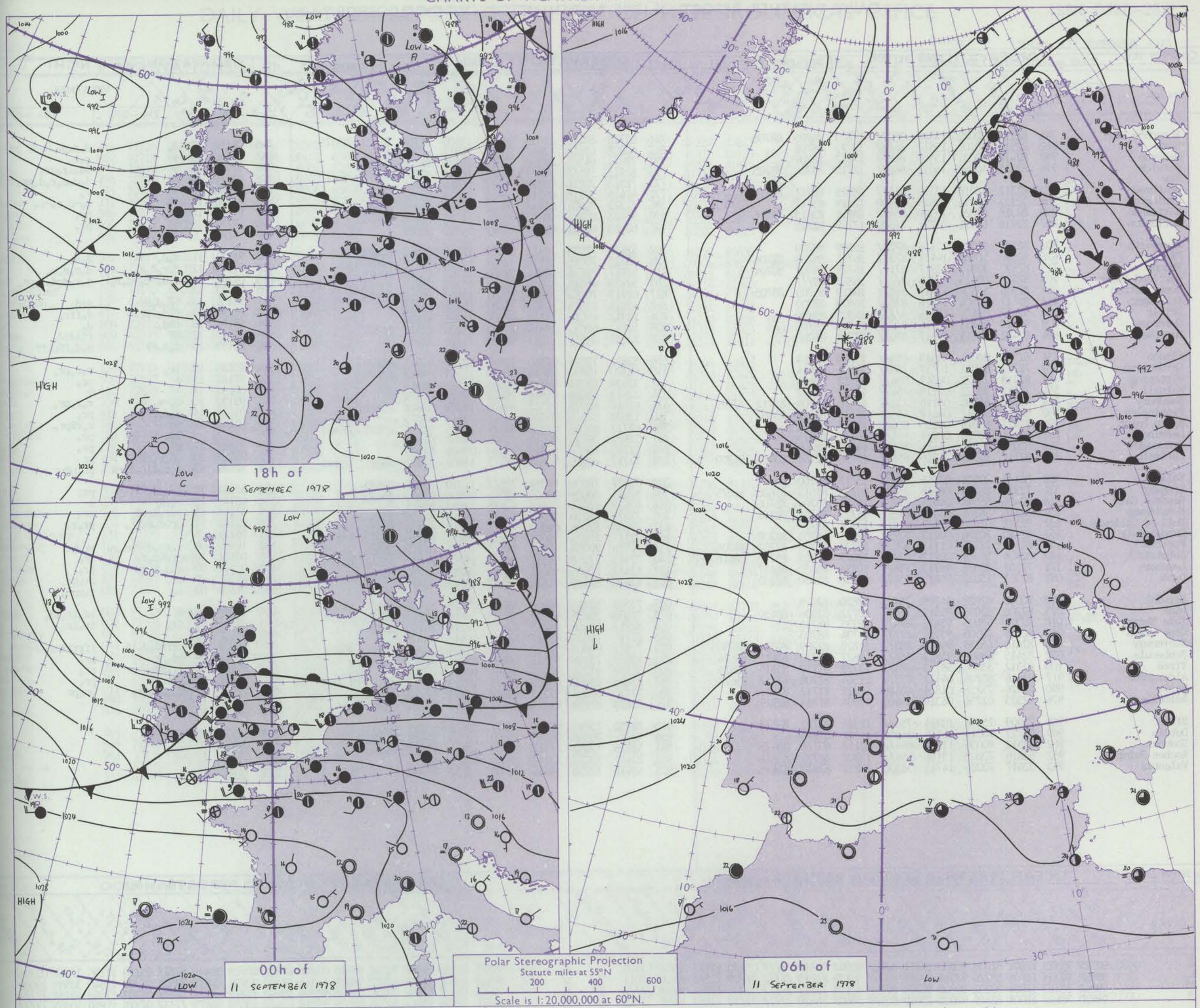
OCEAN WEATHER STATION REPORTS at 18h.

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	10181	72602	98021	14912	12516	00223	/////	/////	00009	11222	3////	02205
	99569	70205	10184	82632	96608	94612	853//	51509	84709	88618	0//11	11353	30506	24010
	99663	10013	10184	70425	97808	89110	69460	00204	/////	/////	05009	11087	30505	/////
	99469	70168	10184	82425	97032	24819	855//	00302	88626	/////	0//18	11854	30806	27905

Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday MONDAY 11 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure remained low to the north and high to the south of the British Isles and a strong to gale force westerly airstream covered most parts.

During the next 24 hours a ridge of high pressure is expected to move into western districts veering the airflow northwesterly, but it will remain strong to gale force over much of Great Britain.

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

Code FM 11.V — OBSERVATIONS at 00h. 11 September 1978

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	82214	70022	14518	862//	17819	86705	88708	
Hurn	862	82514	50102	15517	861//	17721	88702		
Manston	797	82418	60031	13519	863//	17617	88707		
Gatwick	776	82315	40042	15018	862//	17715	83704	88705	
Kew									
Heathrow	772	82312	68016	13320	864//	18815	86711	88713	
Honington	586	32323	65011	09620	36400	17819	83712		
Wattisham	590	82318	68021	10320	854//	18818	83613	88616	
Gorleston	497	22418	66011	08321	21500	17719	82825		
Aberporth	502	82525	50515	12116	872//	16509	88703		
Filton	628	82520	50586	14417	872//	16711	86704	88706	
Rhoose	715	82520	35515	13917	871//	16719	85702	88704	
Hartland Point	703	92528	00515	13916	9////	16823	89//		
Mount Batten	827	82516	56504	17717	862//	16813	85703	88705	
St.Mawgan	817	82417	04504	17716	870//	16809	88700		
Scilly	804	92417	03474	18616	9////	16805	89/00		
Culdrose	809	92513	01454	18716	9////	16713	89/00		
Guernsey	894	82422	01515	19617	870//	17714	88700		
Elmdon	534	62316	80011	09519	654//	15723	86614		
Cardington	559	72322	62021	10719	754//	17814	87614		
Wittering	462	82418	70022	08819	854//	16718	88614		
Watnall	354	72412	80022	07219	754//	17721	87612		
Shawbury	414	72315	65505	08118	753//	17826	81709	83712	87620
Finningley	360	62117	84011	04619	4547/	16624	84618	85362	
Spurn Point	396	32427	65016	05220	30910	17717	83460		
Leeming	257	82211	70026	02819	854//	16727	88615		
Tynemouth	262	82002	23506	01414	863//	14825	88708		
Carlisle	222	82712	25586	01016	852//	16736	82704	83706	86709
Valley	302	82131	20506	07015	870//	15717	88700		
Ringway	334	72321	82016	06018	55401	16728	81615	85620	85075
Squires Gate	318	82426	56646	04917	872//	16724	83704	88706	
Ronaldsway	204	82216	56206	03316	870//	15723	84701	88702	
Mull of Galloway	131	92512	01616	02415	9////	14727	89//		
Eskdalemuir	162	82110	30596	00213	872//	12841	85705	88708	
Prestwick	135	82511	27586	01113	870//	13528	81700	87702	88704
Abbotsinch	140	82406	56586	00712	852//	12629	81705	85712	88618
Leuchars	171	72507	82031	98713	756//	10731	85630	86657	
Dyce	091	82307	75022	96813	5567/	09830	85630	88360	
Lerwick	005	70000	82022	94309	754//	07820	87618		
Wick	075	82206	82038	95512	7563/	10722	82636	86650	
Sule Skerry	010	82314	58505	93812	874//	12735	88715		
Cape Wrath	049	82118	48505	93911	872//	11734	88705		
Stornoway	026	82410	65258	94611	883//	11828	82709	84814	88630
Benbecula	022	82415	63606	95812	854//	11627	83710	85615	88624
Tiree	100	82317	58806	98113	884//	12729	81710	83815	88624
Aldergrove	917	82616	80206	04413	853//	11504	82708	83712	85623
Malin	980	42426	75256	01814	48400	12812	81712	83817	
Belmullet	976	32323	62256	06314	33400	12804	81714	82919	
Birr	965	72409	75036	10314	754//	12314	83712	86633	
Dublin	969	32722	70016	06516	36400	14302	83714		
Shannon	962	82512	80036	11715	864//	13117	85716	88635	
Roches Point	952	52816	70205	13116	564//	13302	82711	83721	
Valentia	953	32617	70026	14715	38500	13212	81820	83635	

OBSERVATIONS at 06h. 11 September 1978

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	62718	80215	11415	45331	13509	81706	84622	85075
Hurn	862	62808	65616	12417	55332	16712	81708	85612	
Manston	797	72421	64502	08818	773//	16721	85708	84618	
Gatwick	776	82215	59515	10517	873//	16616	82706	84709	88712
Kew	775	72313	70216	09218	764//	15614	86715		
Heathrow	772	62416	70216	09218	55402	16613	81711	85615	
Honington	586	72322	70801	05118	58402	15620	83816	83625	87075
Wattisham	590	52423	81011	06117	25402	15717	82616	84075	
Gorleston	497	62420	66031	04219	655//	14720	86625		
Aberporth	502	52623	72035	11513	58430	11108	81815	85623	
Filton	628	72822	70016	11915	11401	11304	81812	87075	
Rhoose	715	52817	72016	12014	31402	11307	83811	83075	
Hartland Point	703	52928	66015	13614	32441	13210	83812	85075	
Mount Batten	827	62919	70015	15916	52431	13500	83710	83816	
St.Mawgan	817	52816	65016	16315	36431	13302	83712		
Scilly	804	22918	65016	18415	28501	13302	82620		
Culdrose	809	52911	66055	17414	25431	13304	82618	84070	
Guernsey	894	82522	02515	17015	870//	15711	88700		
Elmdon	534	52622	75026	07915	18432	08304	81815	84070	
Cardington	559	62320	75802	06618	58401	15515	84815	85078	
Wittering	462	32620	82011	06216	28401	11502	82815		
Watnall	354	22613	83016	05814	25502	09311	82625		
Shawbury	414	62410	80036	07513	68400	10109	82818	85620	
Finningley	360	12620	82016	03514	18541	09112	81825		
Spurn Point	396	62721	66038	02815	5857/	10305	82825	83625	85360
Leeming	257	22621	80156	00414	23400	09007	81915		
Tynemouth	262	22722	80016	97513	13540	09602	81925		
Carlisle	222	72717	64806	99813	783/2	11807	83707	85815	86640
Valley	302	72327	70806	07314	785//	11810	83824	87630	
Ringway	334	52615	80026	06014	58541	09806	82820	84630	
Squires Gate	318	62629	75036	04115	42432	11807	84817		
Ronaldsway	204	72425	68256	03013	784//	11816	84818	85636	
Mull of Galloway	131	72526	82036	01513	785//	12712	83820	84625	
Eskdalemuir	162	72111	75806	99010	784//	09614	84710	85820	87635
Prestwick	135	72516	70258	98112	784//	10716	81712	83814	86625
Abbotsinch	140	72513	62258	96512	48402	10717	81710	83818	87070
Leuchars	171	42417	70806	94011	32432	09715	81710	83825	
Dyce	091	42610	82158	91611	38562	08715	82825		
Lerwick	005	73505	82216	89908	3532/	07618	81707	83625	87460
Wick	075	72608	70026	89610	6543/	10616	83715	84640	87359
Sule Skerry	010	82913	58616	88712	4742/	11716	84710	88458	
Cape Wrath	049	82716	10636	89711	871//	10512	88702		
Stornoway	026	72911	60808	91812	733//	11301	84709	83914	86628
Benbecula	022	22818	75258	93512	18401	11301	81816		
Tiree	100	32718	62258	94912	38400	10611	82811		
Aldergrove	917	82420	62808	00613	884//	10723	83710	85816	88622
Malin	980	72730	60808	97513	6946/	13523	81712	86918	
Belmullet	976	82633	62258	06214	834//	10313	85714	85919	
Birr	965	72720	75011	08514	754//	09608	83715	86633	
Dublin	969	52521	70038	05413	58400	10714	83818	84630	
Shannon	962	52825	75035	11715	58500	10307	82820	85640	
Roches Point	952	22417	70031	14113	25400	10202	81711		
Valentia	953	42816	70258	16414	43500	12212	84920		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01151	12	d_od_od	d_od_odr
Hurn	862	97160	15	+	r_or_o
Manston	797	97170	16	+	$id_oir_opr_o$
Gatwick	776	97171	15	d_o	$d_od_od_or_od_opr_o$
Kew	775	97180	16	+	r_o
Heathrow	772	97170	16	+	d_o–d_or_o–r_o
Honington	586	97160	16	+	pr_o
Wattisham	590	97170	15	+	pr_o
Gorleston	497				
Aberporth	502	91131	11	d_od_o	d_od_o
Filton	628	01141	12	$d_or_od_or_o$	$d_or_od_or_o$
Rhoose	715	01141	11	d_od_o–d_o–d_or_o	$d_or_odrd_or_opr_o$
Hartland Point	703	01142	12		
Mount Batten	827	92151	15	fd_od_odr	drd_o
St.Mawgan	817	01151	13	ffd_offF	d_offr_o
Scilly	804	94151	13	ffd_o	d_o
Culdrose	809	01141	12	FF	$ffidid_o$
Guernsey	894	95151	15	d_od_oFF	$d_od_oFFd_off$
Elmdon	534	97140	13	ir_o	$r_or_opr_o$
Cardington	559	97160	15	+	pr_o
Wittering	462	00150	14	+	+
Watnall	354	93130	10	d_o–r_o	$r_or_opr_o$
Shawbury	414	01131	11	$d_od_orr_or_o$	pr_o
Finningley	360	01141	11	+	r_orRpr_o
Spurn Point	396			ir_o	pr_o
Leeming	257	93131	11	r_o	pr_o
Tynemouth	262	05121	10	$id_or_or_o$	pr
Carlisle	222	12121	11	$d_or_od_or_odrrR$	pr_opRpr
Valley	302	97141	12	ir_oid_o	pr_o
Ringway	334	02141	12	r_orRr	r
Squires Gate	318	01141	13	r_or_odrrR	pr_o
Ronaldsway	204	02121	11	$drDd_od_orr_o$	pr_or_o
Mull of Galloway	131	05121			
Eskdalemuir	162	10101	09	$r_oir_odrdrd_or_o$	pr_opr
Prestwick	135	07121	10	$drDRd_or_o$	pr_o
Abbotsinch	140	03111	09	$d_od_or_or_o$	pr_o
Leuchars	171	01101	08	rr_o	rr_opr_o
Dyce	091	01101	08	r_o	r_orpr_o
Lerwick	005	93082	08	+	$id_oir_oid_o$
Wick	075	02101	09	ir_o	ir_oir
Sule Skerry	010	09102	10		
Cape Wrath	049	10102	09	$ffidd_od_oiF$	$ifrriRpr_o$
Stornoway	026	05111	09	pr_opr	pr_o
Benbecula	022	04111	10	ir_oiRpr	pr_o
Tiree	100	95121	11	$prpr_o$	pr_o
Aldergrove	917	01111	10	$r_or_od_opr_o$	pr_opr
Malin	980	0712	11		
Belmullet	976	0213	11		
Birr	965	0213	12		
Dublin	969	0113	10		
Shannon	962	0113	12		
Roches Point	952	9713	11		
Valentia	953	9614	12		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11001	81008	96636	14211	8042/	00807	88519	/////	05110	11173	3//02	02/05
L	99568	70205	11004	23226	97016	07812	28400	00178	81815	/////	0//07	11349	30605	29011
M	99662	10010	11004	80232	96808	90709	894//	00105	/////	/////	05208	11064	30606	/////
R	99470	70168	11004	82519	97022	25019	855//	00603	88620	/////	0//19	11853	30704	27905

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11061	81016	97616	02211	8722/	00783	86705	/////	05110	11196	3//08	02/06
L	99567	70204	11064	43122	98031	14311	48400	00228	82815	83628	0//04	11349	30504	29009
M	99665	10017	11064	70230	97258	92209	59460	11212	/////	/////	05307	11052	30707	/////
R	99470	70168	11064	82514	96026	25018	854//	00500	88613	/////	0//19	11859	30905	/////

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

42663

Date of Issue TUESDAY 12 SEPTEMBER 1978

OBSERVATIONS at 12h. 11 September 1978

Code FM 11.V

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	72826	80252	12817	6853/	09502	85825		
Hurn	862	52719	81016	14220	51601	08102	85830		
Manston	797	72619	80018	09520	38631	08002	83832	85360	
Gatwick	776	52723	82018	11219	38640	09807	83835	83365	
Kew	775	72720	82021	10519	52631	09806	85835	83365	
Heathrow	772	52623	80011	10419	4863/	09805	83832	83365	
Honington	586	72526	82038	06517	786//	07509	83833	87645	
Wattisham	590	72630	65038	07118	785//	06607	85828	84635	
Gorleston	497	72722	66032	05418	745//	08400	87625		
Aberporth	502	72827	72021	14115	784//	09319	81816	84625	87628
Filton	628	72818	81011	12917	785//	10303	84826	85640	
Khoose	715	32930	70028	13017	38530	10303	82820		
Hartland Point	703	73130	66031	16316	6254/	11219	86820		
Mount Batten	827	62925	75021	18318	41531	13312	84825	84075	
St.Mawgan	817	52921	70011	18617	18402	12309	81815	85075	
Scilly	804	22922	65020	21217	28501	12214	81820		
Culdrose	809	42925	68011	19118	31501	11310	83820	83070	
Guernsey	894	62724	81035	19017	11432	12109	81810	85363	
Elmdon	534	72724	82258	08416	786//	08302	86830	85650	
Cardington	559	52527	81018	07119	48630	09814	83830	83645	
Wittering	462	72725	84031	06417	786//	09502	84830	87640	
Watnall	354	72620	83038	06415	785//	09306	84822	87635	
Shawbury	414	72728	81028	08217	785//	10317	87823		
Finningley	360	72524	83028	03316	785//	09304	86826	87645	
Spurn Point	396	52728	68038	01417	52500	12712	85825		
Leeming	257	72715	86038	01417	685/2	10320	83820	85640	
Tynemouth	262	22927	81028	98316	21500	09308	82825		
Carlisle	222	72711	75038	01616	784//	12229	81713	83820	85630
Valley	302	72730	75258	09815	784//	11318	83816	87640	
Ringway	334	72825	68216	06115	784//	11308	81712	83822	87635
Squires Gate	318	72629	64218	05615	784//	12320	81710	84815	86640
Ronaldsway	204	72922	64258	05816	785//	11329	83823	87640	
Mull of Galloway	131	63335	78808	05014	625//	12242	82620		
Eskdalemuir	162	72625	83258	00614	785//	10335	87822		
Prestwick	135	52926	75018	01315	58430	11229	83818	84630	
Abbotsinch	140	62816	82038	00816	684//	11238	84818		
Leuchars	171	72917	68158	97617	7864/	09331	84835	85650	
Dyce	091	73324	62258	96713	6843/	09248	81710	86816	
Lerwick	005	73118	70805	94011	73381	09230	82707	84909	
Wick	075	73318	75258	98211	6833/	10264	83709	84815	87359
Sule Skerry	010	83420	81038	99111	884//	09251	86815	88620	
Cape Wrath	049	73615	80808	01110	784//	08357	84815	87620	
Stornoway	026	63323	65808	04012	684//	09260	81710	83815	85635
Benbecula	022	73225	75808	06213	794//	10267	82915	85818	
Tiree	100	23226	75018	06215	28400	10277	82818		
Aldergrove	917	73125	80258	08814	784//	10364	81710	86817	86630
Malin	980	53028	75018	10014	534/2	10272	81714	85818	81918
Belmullet	976	62922	72258	17315	634/3	10151	81717	84920	
Birr	965	73117	66808	16514	784//	09146	83714	85820	86634
Dublin	969	72928	82808	11215	725//	10343	87822		
Shannon	962	53128	80028	18617	585//	09130	84825		
Roches Point	952	23035	70258	18316	28402	10122	82817		
Valentia	953	43315	75028	21816	42500	10127	84823		

OBSERVATIONS at 18h. 11 September 1978

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	22916	82011	16316	28501	09227	82825		
Hurn	862	42920	70011	16916	48600	10317	81830	83635	
Manston	797	62818	82031	11417	685//	09315	81825	83630	85645
Gatwick	776	72917	83021	14217	786//	07318	83832	87645	
Kew	775	72815	82022	13917	6863/	08324	84830	84645	
Heathrow	772	72817	81021	13717	785//	09320	83828	87645	
Honington	586	62724	82018	09216	685//	10319	83823	85645	
Wattisham	590	42825	75258	09915	48500	10322	82825	83650	
Gorleston	497	82814	66031	07717	855//	10220	88625		
Aberporth	502	33117	80021	19514	35600	10228	83630		
Filton	628	53212	82022	18216	58530	09336	83825	84640	
Khoose	715	13121	80018	17215	18531	09222	81820		
Hartland Point	703	23410	68021	20015	20940	11216	82360		
Mount Batten	827	23016	75011	21117	11501	11316	81825		
St.Mawgan	817	43119	80031	21815	00902	11214	84072		
Scilly	804	63116	66031	23616	20972	11210	82358	86075	
Culdrose	809	43118	70030	22215	38502	11215	81825	83070	
Guernsey	894	53021	70031	21015	11402	11214	81812	85075	
Elmdon	534	33024	80038	14414	38500	08334	82825		
Cardington	559	52921	75258	12716	58500	08333	82820	84640	
Wittering	462	62924	80028	11615	685//	07337	84825	83638	
Watnall	354	22912	81018	12214	28500	08240	81825		
Shawbury	414	63016	80038	15514	68500	09241	84822	83640	
Finningley	360	72920	80032	10316	786//	08348	85830	86645	
Spurn Point	396	73328	58808	08613	734//	10349	81915	87630	
Leeming	257	63018	80251	09915	685//	10261	82825	86650	
Tynemouth	262	33217	69258	08214	23530	11266	82925		
Carlisle	222	13013	82018	11514	18500	09255	81825		
Valley	302	53019	75038	18115	58500	09236	81820	85645	
Ringway	334	63122	75018	14014	685//	09250	84828	83645	
Squires Gate	318	63023	75038	14415	62400	10243	83713	84818	
Ronaldsway	204	63024	75158	15514	685//	08243	81820	84830	
Mull of Galloway	131	33434	80038	15013	38500	10245	81820	83625	
Eskdalemuir	162	52818	86028	11812	58500	06253	82826	83645	
Prestwick	135	23022	81018	13713	28440	08148	81714		
Abbotsinch	140	33014	82028	12113	38500	07245	83828		
Leuchars	171	63016	86028	09014	6864/	06146	84834	84645	
Dyce	091	63020	84808	06912	68400	08247	82818	85645	
Lerwick	005	83224	56608	01310	852//	09241	83703	85705	88618
Wick	075	63123	82018	06611	48430	08237	82816	83635	85359
Sule Skerry	010	73424	81032	07311	784//	09239	84815	87625	
Cape Wrath	049	73424	80808	09111	784//	07236	83815	87620	
Stornoway	026	73220	65258	12111	794//	09236	81710	83915	85818
Benbecula	022	43124	70038	14411	49400	09134	84916		
Tiree	100	43121	75158	15512	48400	07240	82816		
Aldergrove	917	43220	82038	16812	48500	10227	82820	83630	
Malin	980	33024	80018	17613	38400	09134	83819		
Belmullet	976	42715	78038	21914	48400	10219	81718	83820	
Birr	965	33114	80028	21614	32500	07229	83822		
Dublin	969	53015	82018	19114	58600	08235	83830	84645	
Shannon	962	23013	80021	23515	18502	09226	81825		
Roches Point	952	73023	80031	23315	38402	09124	82819	86075	
Valentia	953	43307	70011	25215	22502	11216	82824	83070	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97180	071	pr.	+
Hurn	862	00210	097	+	+
Manston	797	97200	055	+	pr.
Gatwick	776	00200	067	+	+
Kew	775	00200	056	+	+
Heathrow	772	00210	054	+	+
Honington	586	97190	049	pr.	pr.
Wattisham	590	97190	046	pr.	pr.
Gorleston	497		050		
Aberporth	502	00161	066	+	+
Filton	628	00171	054	+	+
Khoose	715	97170	080	pr.	pr.
Hartland Point	703	00160	109		
Mount Batten	827	00190	113	+	+
St.Mawgan	817	00170	102	+	+
Scilly	804	00180	100	+	+
Culdrose	809	00181	101	+	+
Guernsey	894	00180	088	+	+
Elmdon	534	92180	046	pr.	pr.pr
Cardington	559	97200	046	pr.	pr.
Wittering	462	97190	066	pr.	+
Watnall	354	95161	033	pr.	+
Shawbury	414	02171	057	pr.pr	pr.prpR
Finningley	360	00181	073	+	+
Spurn Point	396			pr.	pr.
Leeming	257	91191	074	+	pr.
Tynemouth	262	03181	071	+	pRpr
Carlisle	222	97171	054	pr.	+
Valley	302	97181	046	pr.	pr.
Ringway	334	97161	020	r.pr.	jp
Squires Gate	318	92161	055	pr.r.	+
Ronaldsway	204	93161	064	pr.	jp
Mull of Galloway	131	01151			
Eskdalemuir	162	01141	054	pr.	+
Prestwick	135	97151	076	pr.	+
Abbotsinch	140	97161	068	pr.	+
Leuchars	171	91171	051	pr.	pr.
Dyce	091	01151	059	pr.pr	pr.
Lerwick	005	02112	012	pr.	id.r.r.
Wick	075	94131	007	ir.pr.	pr.pr
Sule Skerry	010	93120			
Cape Wrath	049	93111	013	pr.	pr.
Stornoway	026	01131	055	pr.	pr.
Benbecula	022	92141	065	pr.	pr.
Tiree	100	92151	082	pr.pr	pr.
Aldergrove	917	95161	048	pr.	pRpr.
Malin	980	0315	050		
Belmullet	976	9717	068		
Birr	965	9118	049		
Dublin	969	9116	048		
Shannon	962	9217	081		
Roches Point	952	9717	086		
Valentia	953	9716	071		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

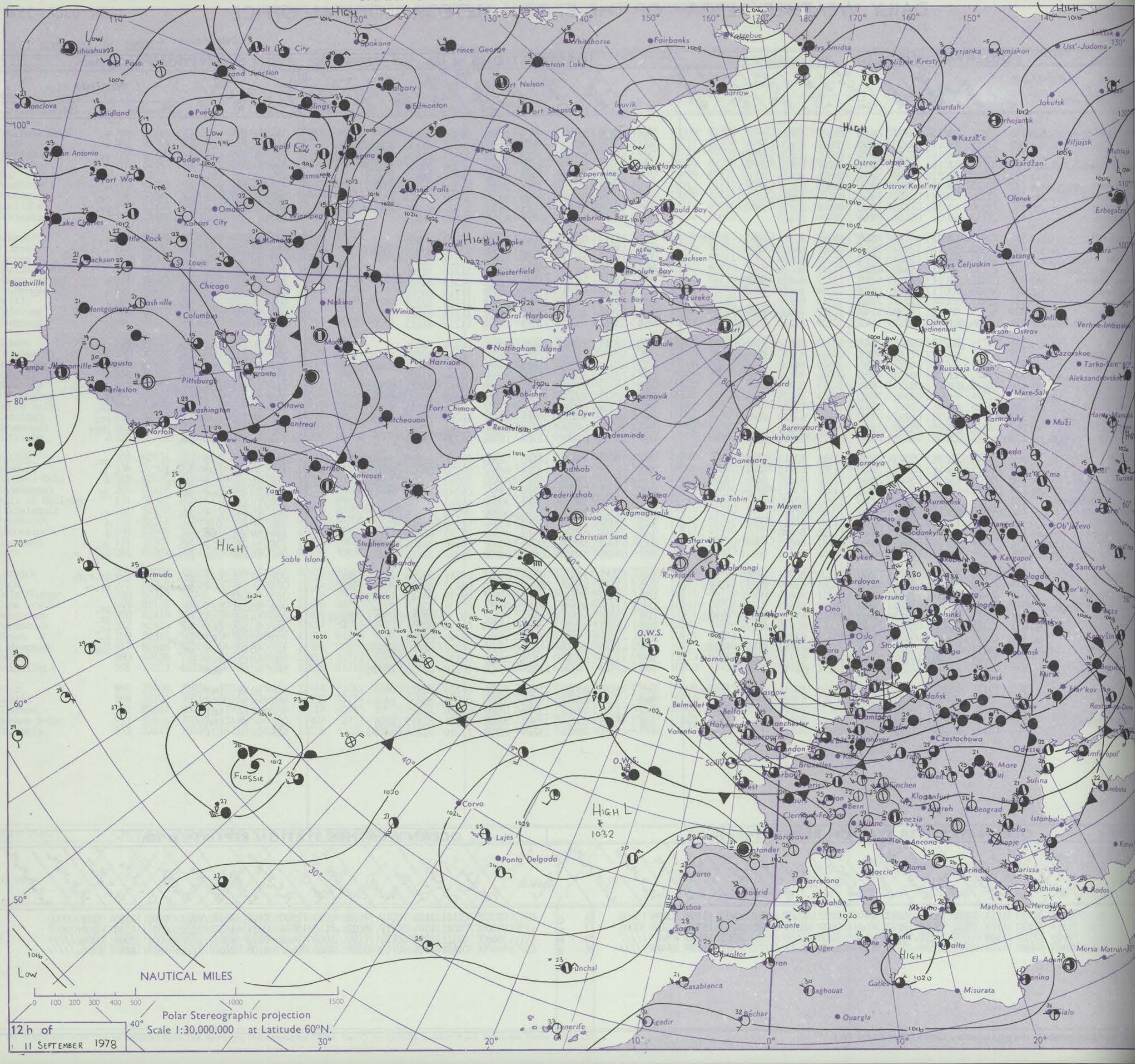
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11121	31812	94106	95013	30940	00807	/////	/////	00413	11199	30806	13409
L	99567	70202	11124	72815	98011	18812	784//	00020	82815	87635	0//07	11331	30302	30008
M	99664	10015	11124	60332	97258	96309	59460	00228	/////	/////	05303	11050	30607	/////
R	99470	70169	11124	82715	95515	27218	872//	00209	88703	/////	0//18	11856	30905	/////

OCEAN WEATHER STATION REPORTS at 18h.

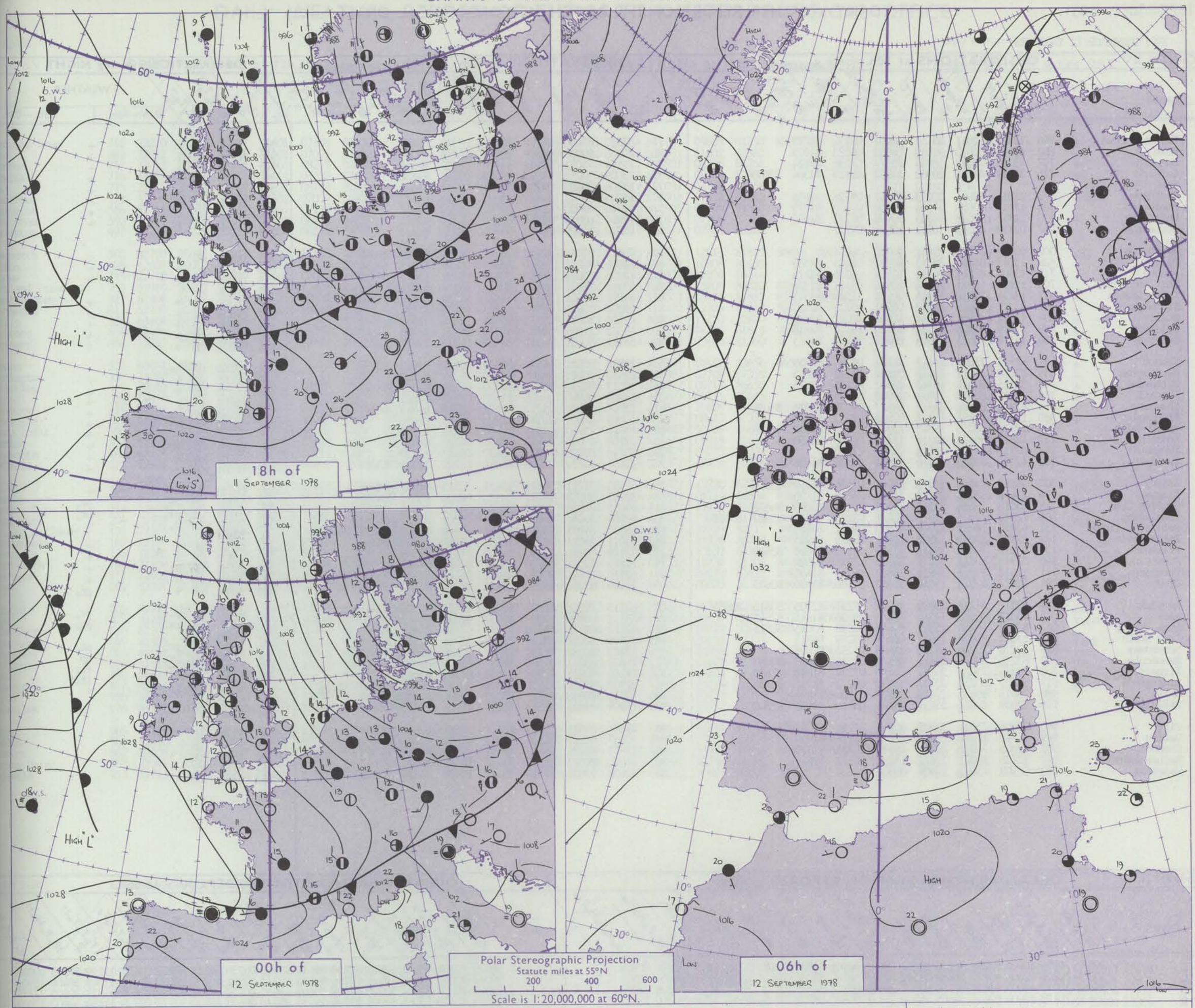
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11181	72019	97078	90513	72500	00709	87827	/////	00309	11193	31212	00000
L	99566	70202	11184	81712	98032	18112	1567/	00611	81630	85359	0//07	11334	30201	28007
M	99663	10012	11184	60128	97258	01007	49462	00222	/////	/////	05602	11064	30706	/////
R	99470	70169	11184	82713	97205	28018	864//	61105	88710	/////	0//18	11869	31104	/////

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



Issued at midday TUESDAY 12 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a cold front over southeast England moved away rapidly southeastwards and a depression near north Scotland transferred rapidly east over the North Sea followed by a ridge of high pressure. Strong to gale force winds gave way to light winds over most parts.

During the next 24 hours the ridge of high pressure is expected to continue moving east with frontal troughs moving across northern areas although in the south pressure is expected to remain fairly high.

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

Code FM 11.V — OBSERVATIONS at 00h. 12 September 1978

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	22808	82011	23111	00901	08232	82075		
Hurn	862	13013	80010	22913	00901	08223	81075		
Manston	797	73018	75028	18914	755//	08238	87624		
Gatwick	776	32811	81031	20912	10932	08129	81364	83075	
Kew									
Heathrow	772	22811	82011	20613	15601	09128	81635		
Honington	586	12817	80028	17911	00902	07232	81075		
Wattisham	590	12917	82018	18211	00902	07231	81075		
Gorleston	497	02812	66216	16212	00900	09237			
Aberporth	502	03218	82010	25012	00900	06227			
Filton	628	13017	81011	23313	00901	08223	81080		
Rhoose	715	13008	82011	24111	12401	08225	81815		
Hartland Point	703	12918	69011	25114	10941	09121	81360		
Mount Batten	827	13214	70010	25514	00901	11216	81075		
St.Mawgan	817	23212	70020	26813	00901	10225	82070		
Scilly	804	13611	80031	27414	15600	10012	81640		
Culdrose	809	13309	65020	27112	11400	10118	81818		
Guernsey	894	13118	78021	25514	00902	10221	81075		
Elmdon	534	42915	75038	21412	45501	08234	84623		
Cardington	559	22810	75011	20112	00901	08332	82075		
Wittering	462	32915	80021	18912	00901	07131	83075		
Watnall	354	02812	80010	19011	00900	07226			
Shawbury	414	62914	80031	21512	685//	09226	83823	84634	
Finningley	360	12816	84021	18012	00902	07333	81075		
Spurn Point	396	22926	70038	16313	10941	09232	81360		
Leeming	257	12813	86021	18311	15700	06238	81650		
Tynemouth	262	02717	81020	16211	00900	07238			
Carlisle	222	12707	81010	19310	15601	08236	81638		
Valley	302	43012	75011	23912	15741	09126	81650	83075	
Ringway	334	13016	80011	20612	11540	08229	81825		
Squires Gate	318	53018	75031	21313	58500	09337	82824	84638	
Ronaldsway	204	72910	75201	22312	784//	09126	82713	85822	87628
Mull of Galloway	131	43418	78028	22011	45500	09241	84625		
Eskdalemuir	162	22922	83031	18509	22500	05329	82825		
Prestwick	135	43017	70011	20511	45540	07232	82626	83650	
Abbotsinch	140	32913	80011	18711	35501	07228	83624		
Leuchars	171	12610	84011	16811	15600	05240	81630		
Dyce	091	32917	82028	14510	35630	07136	81630	83635	
Lerwick	005	83217	56258	09909	882//	07237	82705	83815	88635
Wick	075	73312	80028	14510	784//	08238	81815	87645	
Sule Skerry	010	83413	76258	15311	884//	08238	83815	88625	
Cape Wrath	049	63612	83808	16510	624//	09239	86815		
Stornoway	026	23210	80258	18310	22400	09230	82818		
Benbecula	022	63218	80038	20411	685//	07226	84823	83630	
Tiree	100	73216	75028	21012	784//	07224	81818	87635	
Aldergrove	917	52707	80258	23311	58400	09227	81710	85630	
Malin	980	33015	80031	22413	32400	09220	83817		
Belmullet	976	32609	80011	25111	25630	08213	82640	83360	
Birr	965	22606	75031	26509	00902	07118	82070		
Dublin	969	12710	82011	24410	15700	08119	81650		
Shannon	962	22805	74031	26811	18530	10305	81820		
Roches Point	952	12708	80021	27611	15600	09311	81645		
Valentia	953	00503	75020	27409	00900	08107			

OBSERVATIONS at 06h. 12 September 1978

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	32810	82030	26009	30930	07310	83362		
Hurn	862	22605	80030	26609	20931	08216	82360		
Manston	797	13114	75021	23412	11401	08220	81818		
Gatwick	776	23009	80011	24910	15502	07216	81620		
Kew	775	12706	80020	24711	15501	08212	81625		
Heathrow	772	12705	80011	24511	15532	08215	81625		
Honington	586	12710	82020	22608	00902	06224	81075		
Wattisham	590	12914	80010	22709	00902	06221	81075		
Gorleston	497	12910	66020	21210	12500	08225	81825		
Aberporth	502	73012	82031	27112	28532	08307	81820	86360	
Filton	628	72606	80031	26710	4853/	08209	81825	84656	
Rhoose	715	73108	80031	26910	784//	08308	81815	87650	
Hartland Point	703	63312	78031	26813	22541	08102	82820	84360	
Mount Batten	827	72802	70031	28411	15431	09214	81618	85362	
St.Mawgan	817	63308	80031	28412	11431	09209	81818	85075	
Scilly	804	63604	80031	29912	25601	08302	82630	85075	
Culdrose	809	43305	70030	29111	48402	09211	81818	84620	
Guernsey	894	53211	80031	28112	31402	09213	83816	83075	
Elmdon	534	32910	68021	24610	35531	07212	81625	83657	
Cardington	559	22510	68020	24109	25600	08318	82630		
Wittering	462	13113	82010	23010	10930	07218	81362		
Watnall	354	12803	80020	23709	11470	07317	81815		
Shawbury	414	72806	81028	25210	4847/	08316	84816	86360	
Finningley	360	12809	82010	22510	15700	07118	81650		
Spurn Point	396	13020	75020	21611	10970	08223	81360		
Leeming	257	32908	86030	22410	28601	06222	81830		
Tynemouth	262	32718	80020	21309	25630	06223	82630		
Carlisle	222	52606	83031	23209	28534	07220	81822	83072	
Valley	302	62910	75011	26411	15431	10313	81615	83360	
Ringway	334	53007	80038	24211	58500	08209	83822	84640	
Squires Gate	318	63012	84028	24213	685//	08112	83824	85650	
Ronaldsway	204	62909	80031	24611	38431	09309	81713	84363	
Mull of Galloway	131	62915	81031	24311	38501	09209	81820	83625	86070
Eskdalemuir	162	63011	84021	22709	11532	05217	81820	86362	
Prestwick	135	73109	80031	23310	15642	07213	81634	85362	
Abbotsinch	140	72105	82021	22710	15531	07215	81622	86365	87080
Leuchars	171	62710	88011	20710	35671	06119	81630	83636	86362
Dyce	091	72909	82251	19410	38436	08224	81815	83635	86275
Lerwick	005	63315	70258	15707	6834/	05123	82706	83815	86640
Wick	075	73111	70808	19209	6843/	07221	84812	84650	87359
Sule Skerry	010	83412	82028	19410	884//	07219	84815	88625	
Cape Wrath	049	73405	80808	20210	784//	05214	82815	87620	
Stornoway	026	73103	80038	21110	785//	07208	82820	87635	
Benbecula	022	71802	85031	21509	1853/	07102	81825	87362	
Tiree	100	72506	85031	22609	15436	07203	81615	86272	
Aldergrove	917	62407	65031	25110	45376	09310	82706	83640	85362
Malin	980	72411	80018	23712	58532	09206	81820	84645	
Belmullet	976	71909	81031	23514	55432	13806	82719	84638	86360
Birr	965	71806	62011	26610	754//	09506	83713	87636	
Dublin	969	72607	80021	26109	50932	08303	85360	85070	
Shannon	962	71903	82031	26712	1647/	10502	81718	87358	
Roches Point	952	70000	80021	28112	754//	10502	81715	87647	
Valentia	953	81608	75031	27114	854//	13609	83714	88630	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00090	02	+	+
Hurn	862	00080	05	+	+
Manston	797	00120	10	+	+
Gatwick	776	00090	07	+	+
Kew	775	00110	05	+	+
Heathrow	772	00100	07	+	+
Honington	586	00080	07	+	+
Wattisham	590	00090	07	+	+
Gorleston	497				
Aberporth	502	00111	09	+	+
Filton	628	00091	05	+	+
Rhoose	715	00080	03	+	+
Hartland Point	703	00130	09		
Mount Batten	827	00100	05	+	+
St.Mawgan	817	00110	07	+	+
Scilly	804	00120	06	+	+
Culdrose	809	00100	05	+	+
Guernsey	894	00120	08	+	+
Elmdon	534	97100	07	pr.	+
Cardington	559	00090	06	+	+
Wittering	462	00100	08	+	+
Watnall	354	00091	05	+	+
Shawbury	414	91091	06	pr.	+
Finningley	360	00091	06	+	+
Spurn Point	396			+	+
Leeming	257	00101	07	+	+
Tynemouth	262	00091	06	+	+
Carlisle	222	00091	06	+	+
Valley	302	00111	09	+	+
Ringway	334	97111	09	pr.	pr.
Squires Gate	318	97121	11	pr.	pr.
Ronaldsway	204	97111	09	d.	+
Mull of Galloway	131	93101			
Eskdalemuir	162	00081	05	+	+
Prestwick	135	00101	07	+	+
Abbotsinch	140	00091	06	+	+
Leuchars	171	00091	06	+	+
Dyce	091	92091	08	+	pr.
Lerwick	005	93071	05	d.r.	pr.
Wick	075	95081	07	pr.	pr.
Sule Skerry	010	91091	07		
Cape Wrath	049	96081	07	pr.	pr.
Stornoway	026	91081	05	pr.	jp
Benbecula	022	01091	05	pr.	r.r
Tiree	100	92091	07	jp	ir.r.
Aldergrove	917	97081	06	pr.	+
Malin	980	9711	08		
Belmullet	976	9710	07		
Birr	965	9708	05		
Dublin	969	9709	06		
Shannon	962	9711	08		
Roches Point	952	9710	07		
Valentia	953	9708	06		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12001	82223	96108	92311	834//	00106	84916	84826	05209	11180	3//16	00000
L	99569	70201	12004	81426	96636	11512	872//	31742	88704	/////	0//12	11331	30404	18906
M	99662	10010	12004	43624	97158	05407	39460	00223	/////	/////	05602	11045	30606	/////
R	99470	70170	12004	82610	92465	29318	861//	00303	88702	/////	0//18	11840	30000	27004

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12061	52423	97258	98610	53400	00236	82912	83827	05107	11149	3//18	00000
L	99569	70201	12064	72319	97016	07813	753//	00301	83708	87630	0//13	11348	30404	18906
M	99661	10008	12064	53320	97808	10007	49460	00222	/////	/////	05602	11022	30605	/////
R	99470	70170	12064	82109	97014	28718	855//	00603	88620	/////	0//18	11856	30000	27003

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

42664

Date of Issue WEDNESDAY 13 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 12 September 1978

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	33210	80011	29017	34601	07108	83630		
Hurn	862	32912	80011	28918	31601	07005	83832		
Manston	797	33012	80030	27516	21601	08219	82830		
Gatwick	776	43008	84021	28317	31601	07010	83830		
Kew	775	23210	81020	27917	24631	08109	82835		
Heathrow	772	43009	80030	27917	31631	07009	83832		
Honington	586	52914	75031	26415	21651	07113	82830		
Wattisham	590	33014	70010	26516	34601	06116	82838		
Gorleston	497	43212	66020	25715	42500	06216	84825		
Aberporth	502	62709	80031	29215	11552	11105	81825	86358	
Filton	628	52605	70032	29317	58501	10209	85828		
Rhoose	715	22712	81021	29517	11601	07005	81830		
Hartland Point	703	52910	80022	29916	12541	11209	81825	85075	
Mount Batten	827	62806	84012	30418	21531	12003	82825	85075	
St.Mawgan	817	62709	81012	30616	28431	13104	81816	83362	85075
Scilly	804	63404	81022	31418	12572	12107	81820	86360	
Culdrose	809	52406	75011	31117	38438	13308	82818		
Guernsey	894	53213	83011	30815	22501	08011	82820	84075	
Elmdon	534	63012	82011	27816	41631	07014	84830		
Cardington	559	73014	80031	27517	32551	07111	82825	85365	
Wittering	462	73013	82031	26716	3165/	07110	83832	86362	
Watnall	354	52810	81011	26515	28530	07108	82822	85360	
Shawbury	414	62908	82021	27716	52631	09006	85830	83362	
Finningley	360	62909	80031	25716	32631	07010	83835	85362	
Spurn Point	396	42812	78030	25915	32604	08217	83830	84075	
Leeming	257	62709	89031	24916	38672	08006	81830	83656	
Tynemouth	262	62706	80021	24315	2353/	06213	82925	86359	
Carlisle	222	72608	83032	25214	3857/	09206	82824	87362	
Valley	302	52211	82031	28016	12451	10003	81818	85362	
Ringway	334	63011	82022	27115	58531	08209	84825	83360	
Squires Gate	318	42609	83011	27016	38530	11006	82825		
Ronaldsway	204	72311	80031	26414	1143/	11500	81716	86359	
Mull of Galloway	131	72315	81022	25814	1253/	12002	81820	87360	
Eskdalemuir	162	82107	82022	24412	6851/	07801	83820	84640	88460
Prestwick	135	72308	80026	24214	3857/	09808	81822	83656	87360
Abbotsinch	140	72109	82022	23813	5857/	08807	81820	85650	87359
Leuchars	171	72606	86032	22915	3162/	07802	83830	87466	
Dyce	091	83307	84038	22013	28477	07003	81818	83362	88275
Lerwick	005	82912	82038	19109	3847/	03207	82814	83361	88465
Wick	075	82705	83028	21011	58437	07801	82816	83625	88270
Sule Skerry	010	82304	82022	20210	5857/	06708	82820	85625	88460
Cape Wrath	049	82305	78608	20511	874//	06711	88715		
Stornoway	026	81814	64612	19610	6532/	09821	82708	83616	85630
Benbecula	022	81513	59636	18812	6522/	11722	81704	85708	85624
Tiree	100	81818	80216	20013	1637/	11725	81708	83358	88360
Aldergrove	917	82008	68212	24814	2547/	11710	81712	88458	
Malin	980	81921	82022	21414	5647/	11820	83717	83635	88459
Belmullet	976	81821	57605	21315	863//	14714	86709	88715	
Birr	965	82109	75025	26216	6547/	12808	82711	86632	88458
Dublin	969	72410	82031	25917	5853/	10807	83822	85645	86360
Shannon	962	82008	84026	26017	854//	13809	81712	85625	88645
Roches Point	952	72011	70016	28116	7547/	14804	81714	87634	87359
Valentia	953	81715	30516	26816	862//	15506	88704		

OBSERVATIONS at 18h. 12 September 1978

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	52708	81031	28016	11631	09803	81830	83075	
Hurn	862	32508	80030	28216	20931	11602	82362		
Manston	797	22805	75010	26817	10931	08705	81364		
Gatwick	776	32705	80031	27316	20931	08604	82360		
Kew	775	22608	68021	26917	20931	07704	82358		
Heathrow	772	32403	75031	26817	30951	07607	83362		
Honington	586	12608	60041	25915	10931	07704	81360		
Wattisham	590	12809	59041	26115	10931	07706	81362		
Gorleston	497	60000	58021	25517	6097/	07705	86360		
Aberporth	502	82112	80031	26715	6857/	12615	81825	86645	88458
Filton	628	32712	80031	28016	15731	10803	81650		
Rhoose	715	62612	80031	28115	58431	12804	84814		
Hartland Point	703	72618	66022	28015	4253/	13709	84820	87360	
Mount Batten	827	62513	80022	29016	18531	13705	81822	83365	86075
St.Mawgan	817	62513	80031	29215	38432	12706	81818	83632	
Scilly	804	72409	72021	29317	28572	13710	82820	84360	
Culdrose	809	32508	68021	29416	11431	14710	81818	83360	
Guernsey	894	22808	84011	30114	10931	09606	81360		
Elmdon	534	62612	80031	26117	35731	07607	83656	84360	
Cardington	559	72510	63041	26117	70982	07709	87359		
Wittering	462	62405	61031	25315	657//	09712	86650		
Watnall	354	72407	75021	25016	756//	09711	87645		
Shawbury	414	72510	83031	25615	785//	10609	81825	85640	86650
Finningley	360	72202	72022	24416	7097/	08610	87359		
Spurn Point	396	62611	66031	24416	4567/	09708	84640	86360	
Leeming	257	72208	84031	22615	55641	09819	81636	85656	
Tynemouth	262	72005	69022	21315	7097/	08723	87358		
Carlisle	222	82310	65022	21314	5557/	10726	83624	84647	88462
Valley	302	81923	65031	24215	6537/	13720	82709	86626	88458
Ringway	334	72410	75021	24916	756//	09714	82634	87657	
Squires Gate	318	72315	80021	24015	3557/	11722	81622	85359	87462
Ronaldsway	204	82215	62022	21914	853//	13727	81707	88620	
Mull of Galloway	131	82328	78022	20313	854//	12728	82715	88635	
Eskdalemuir	162	81918	56616	20811	853//	11726	85708	88630	
Prestwick	135	82012	50616	18913	7532/	13633	82706	83709	87617
Abbotsinch	140	82107	50636	18113	7732/	12734	81706	84708	86710
Leuchars	171	82009	57586	18612	855//	10630	85622	88656	
Dyce	091	81506	50636	17410	7542/	09833	81715	83620	87645
Lerwick	005	71905	81022	16908	2567/	04713	82635	85360	87462
Wick	075	81712	60636	15609	6532/	08735	82707	83715	85630
Sule Skerry	010	81618	66616	13310	5742/	09749	85710	88458	
Cape Wrath	049	81609	66636	12309	874//	09758	88715		
Stornoway	026	81913	50636	10412	852//	12850	83705	85708	88618
Benbecula	022	82614	50636	11514	7712/	14622	85702	86708	88525
Tiree	100	82420	40636	14114	7722/	14624	87705	88512	
Aldergrove	917	82115	80026	19715	863//	14726	83707	88712	
Malin	980	82426	68216	16916	6642/	15713	84714	85635	88458
Belmullet	976	82118	59206	18916	862//	15712	85704	88708	
Birr	965	82214	58505	22817	864//	15714	87713	87632	
Dublin	969	72207	70035	21817	754//	14721	83715	85622	86645
Shannon	962	72408	84216	23518	754//	16711	83716	84625	86635
Roches Point	952	82109	40206	25515	861//	15716	88702		
Valentia	953	81810	58105	24917	853//	17609	83708	88632	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	103	+	+
Hurn	862	00190	101	+	+
Manston	797	00200	108	+	+
Gatwick	776	00190	112	+	+
Kew	775	00190	104	+	+
Heathrow	772	00200	109	+	+
Honington	586	00180	101	+	+
Wattisham	590	00170	102	+	+
Gorleston	497		085		
Aberporth	502	97171	067	+	id$_o$
Filton	628	00180	086	+	+
Rhoose	715	00180	095	+	+
Hartland Point	703	00160	085		
Mount Batten	827	00190	108	+	+
St.Mawgan	817	00180	100	+	+
Scilly	804	00190	072	+	+
Culdrose	809	00170	095	+	+
Guernsey	894	00170	110	+	+
Elmdon	534	00190	096	+	+
Cardington	559	00190	096	+	+
Wittering	462	00180	091	+	+
Watnall	354	00171	074	+	+
Shawbury	414	00180	076	+	+
Finningley	360	00180	068	+	+
Spurn Point	396			+	+
Leeming	257	97170	066	+	r$_o$
Tynemouth	262	00151	052	+	+
Carlisle	222	92161	038	+	r$_o$r$_o$d$_o$r$_o$ir$_o$
Valley	302	91171	069	+	ir$_o$id$_o$
Ringway	334	97170	056	+	r$_o$
Squires Gate	318	97161	038	+	ir$_o$
Ronaldsway	204	97151	039	+	d$_o$r$_o$
Mull of Galloway	131	00151			
Eskdalemuir	162	09141	020	+	r$_o$r$_o$rr
Prestwick	135	02161	002	r$_o$	d$_o$r$_o$rr$_o$r$_o$
Abbotsinch	140	05141	002	ir$_o$	d$_o$r$_o$rrdr
Leuchars	171	01151	023	r$_o$r$_o$ir$_o$	r$_o$r$_o$d$_o$r$_o$-r$_o$
Dyce	091	09132	011	r$_o$r	ir$_o$rRr$_o$
Lerwick	005	97101	014	+	ir$_o$
Wick	075	09122	009	ir$_o$	r$_o$rrr$_o$r$_o$
Sule Skerry	010	07112			
Cape Wrath	049	15122	000	ir$_o$rr	rrRR
Stornoway	026	18131	000	r$_o$r$_o$d$_o$r$_o$	rrr$_o$
Benbecula	022	29142	000	rrRR	RRrr$_o$
Tiree	100	16151	000	ir$_o$rR	rRd$_o$r$_o$d$_o$d$_o$
Aldergrove	917	97161	008	r$_o$	r$_o$
Malin	980	0216	003		
Belmullet	976	9117	000		
Birr	965	9718	006		
Dublin	969	9718	032		
Shannon	962	9719	003		
Roches Point	952	9216	000		
Valentia	953	9518	000		

Code FM 21.V

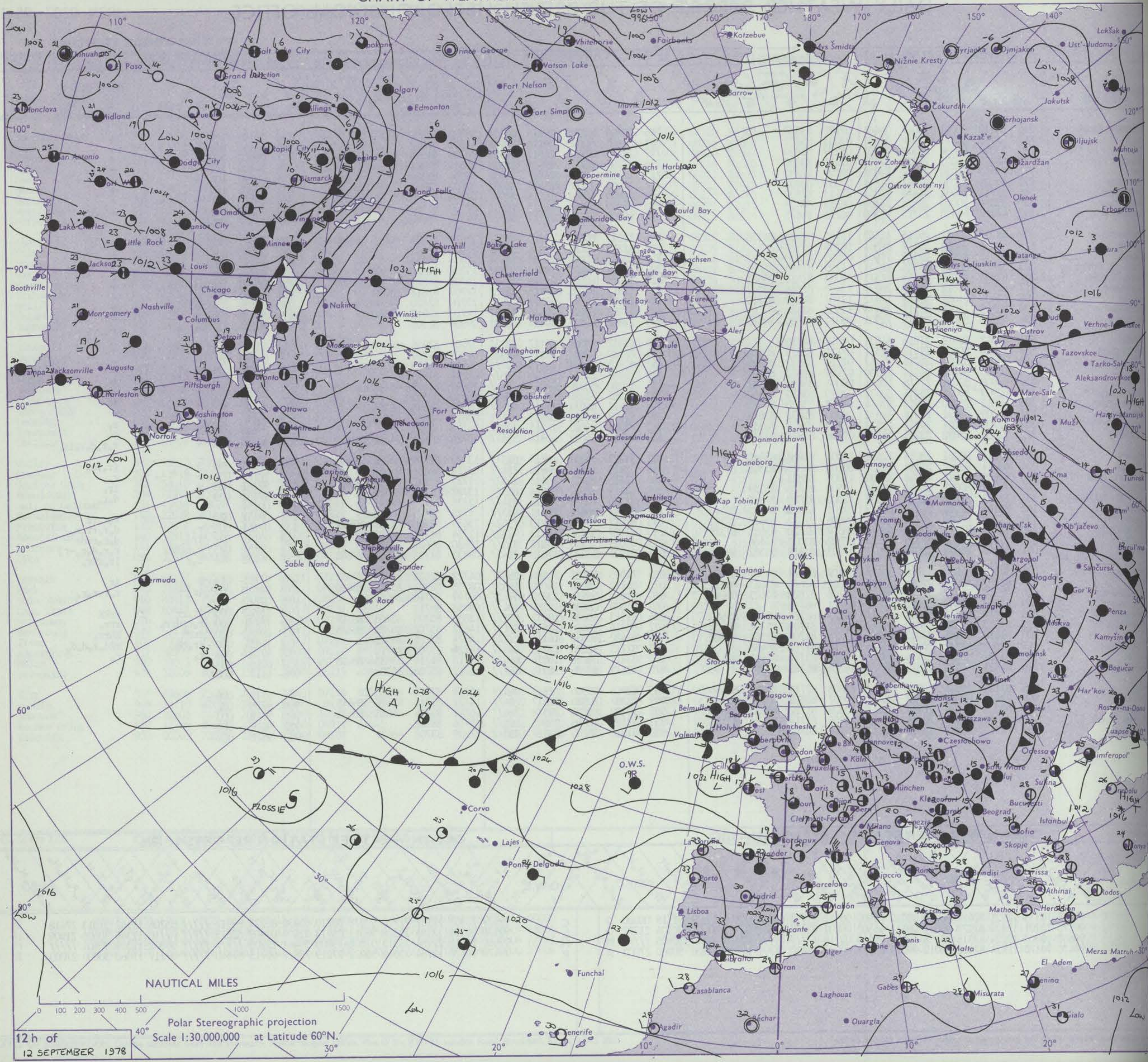
OCEAN WEATHER STATION REPORTS at 12h.

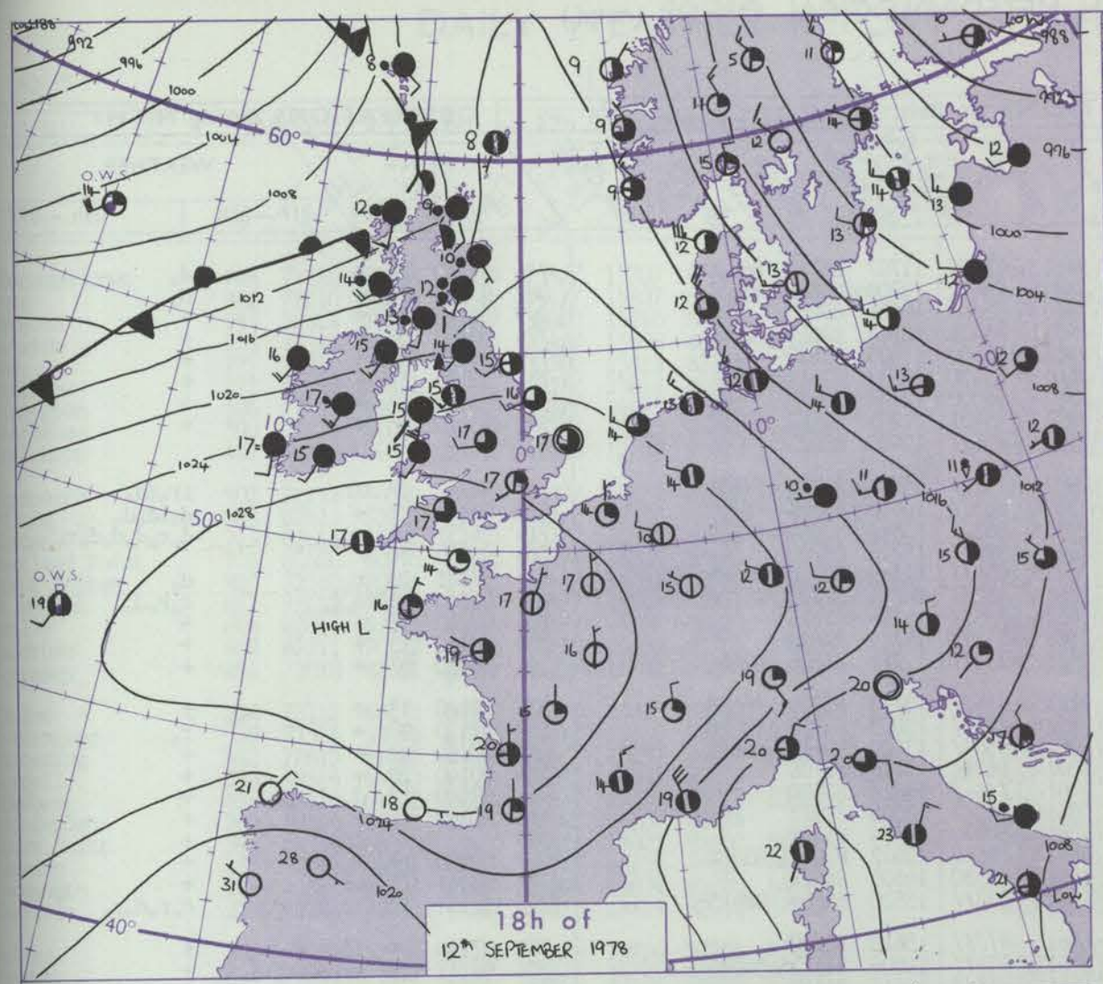
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12121	72424	96078	03410	73400	00317	83912	84824	05206	11154	31518	00000
L	99570	70201	12124	62223	97012	08114	45302	00802	82708	84650	0//12	11330	30404	21707
M	99660	10007	12124	43318	97158	13607	39460	00218	/////	/////	05501	10981	30505	/////
R	99470	70170	12124	82010	98012	29319	856//	00003	88630	/////	0//18	11831	30000	27003

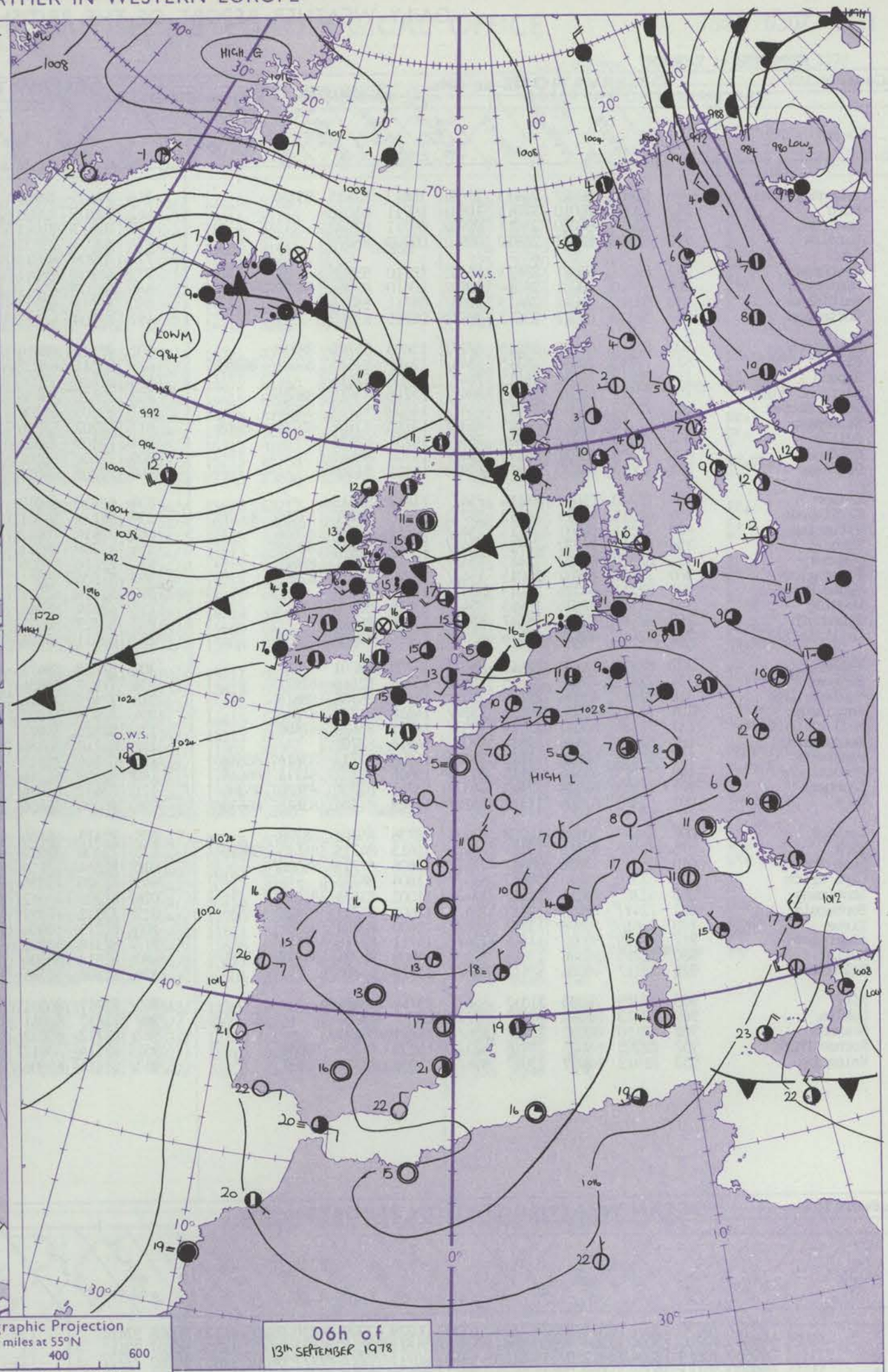
OCEAN WEATHER STATION REPORTS at 18h.

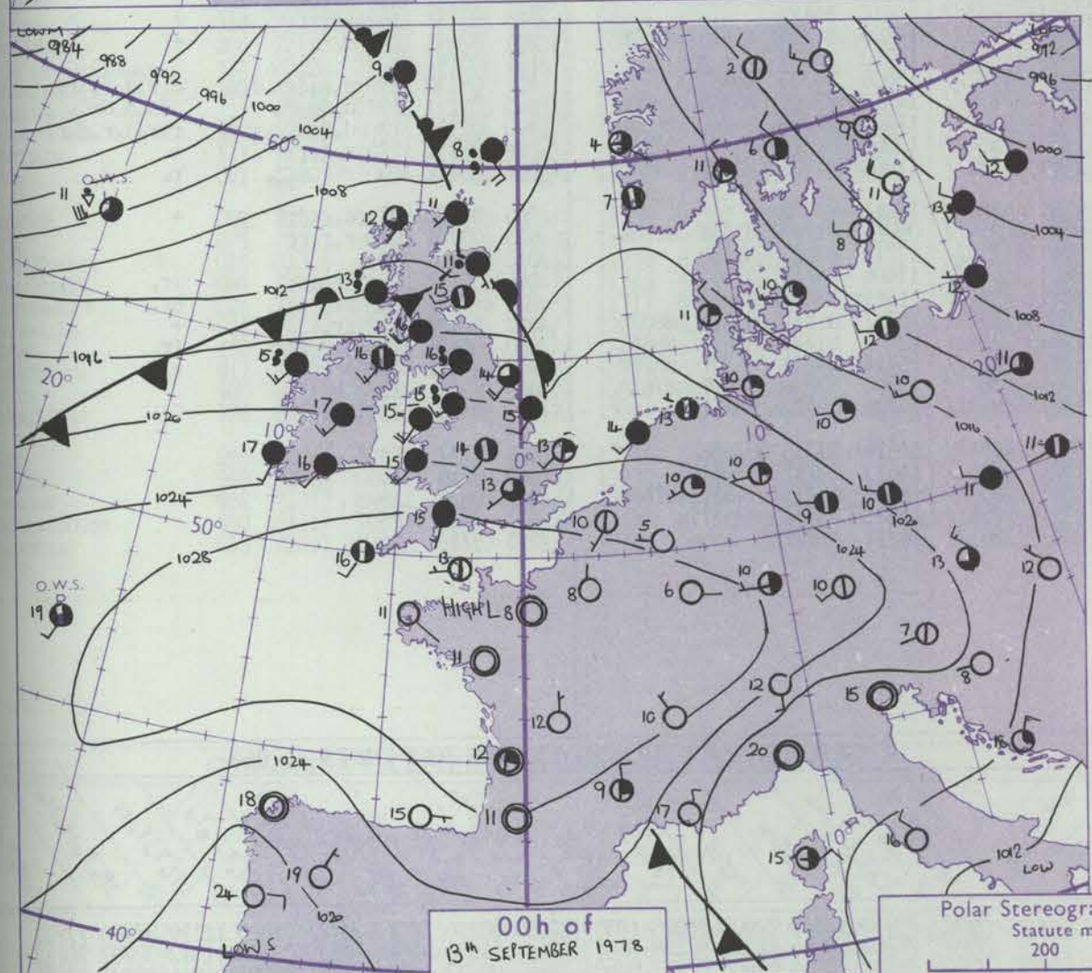
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	12181	72720	97078	08710	63430	00224	83912	/////	05206	11142	31013	27418
L	99570	70199	12184	22328	98011	05713	22402	00609	82815	/////	0//10	11346	30606	21909
M	99660	10018	12184	73312	97808	13805	59461	22705	/////	/////	05902	11059	30404	/////
R	99470	70170	12184	72010	98022	27219	756//	00715	87640	/////	0//17	11860	30000	27003

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.

Issued at midday WEDNESDAY 13 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

Anticyclone off northwest France has moved east to Switzerland. Associated ridge to the Faeroes has also moved east to Norway. Depression about 500 miles southwest of Iceland has moved northeast and is now about 100 miles south of Iceland. Associated warm front off western Ireland has moved to eastern England followed by a slow-moving waving cold front northeast England to Northern Ireland.

During the next 24 hours the depression will move to the east of Iceland and the cold front will move southeast, reaching southeast England by tomorrow morning, followed by an unstable westerly airstream.

Code FM 11.V — OBSERVATIONS at 00h. 13 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	62408	80022	26713	25631	10813	82635	85359	
Hurn	862	22002	70010	27013	10931	10711	81360		
Manston	797	32210	64020	25911	00902	09711	83072		
Gatwick	776	62308	62021	26910	00902	09709	86073		
Kew									
Heathrow	772	62307	66021	25813	55731	10710	85656		
Honington	586	52410	58051	24014	20932	10610	82361	84072	
Wattisham	590	62310	56041	24413	6093/	09711	86361		
Gorleston	497	32310	64021	23613	30970	08715	83360		
Aberporth	502	82115	63025	25215	872//	15808	85705	88710	
Filton	628	72710	70031	26315	5543/	12611	82613	84621	86359
Rhoose	715	72713	75032	26415	754//	12708	87616		
Hartland Point	703	82522	66022	26315	884//	12710	83812	88625	
Mount Batten	827	72307	65602	28215	754//	14809	81712	87640	
St.Mawgan	817	82108	65022	28015	853//	13710	83708	85710	88618
Scilly	804	72209	70022	28516	755//	14707	87625		
Culdrose	809	82409	65021	28415	854//	15709	88612		
Guernsey	894	12607	84020	29213	10930	11811	81360		
Elmdon	534	72208	65022	24114	754//	11612	87615		
Cardington	559	62311	65011	24713	25732	11610	82650	83360	85070
Wittering	462	72511	65031	23114	754//	10713	81616	87656	
Watnall	354	82413	70032	22714	6542/	11810	86615	88460	
Shawbury	414	82310	64502	23415	854//	13711	85710	88620	
Finningley	360	71706	80032	21015	754//	12720	86618	87645	
Spurn Point	396	82211	64026	21015	8097/	11712	88460		
Leeming	257	81708	82026	18915	854//	13618	82614	88619	
Tynemouth	262	62516	69028	16517	655//	13726	86620		
Carlisle	222	82412	40586	17516	853//	15610	85708	88612	
Valley	302	82220	18106	22615	860//	15709	88701		
Ringway	334	72212	70506	22515	754//	13714	82616	87622	
Squires Gate	318	82417	65586	21415	853//	15614	86706	88615	
Ronaldsway	204	72211	62036	20215	753//	14610	81706	87616	
Mull of Galloway	131	72324	80012	17814	5557/	14817	85625	87460	
Eskdalemuir	162	82013	19586	17014	870//	14616	88701		
Prestwick	135	82318	68026	15916	854//	15808	82714	83616	88618
Abbotsinch	140	82515	45586	14615	853//	15806	82707	84711	86616
Leuchars	171	72608	68026	12915	4537/	13721	83709	83620	85360
Dyce	091	81503	62606	11211	6522/	11728	81704	83616	86630
Lerwick	005	81618	30596	10208	872//	08736	85705	88708	
Wick	075	82406	80216	10211	7547/	11613	84715	86635	88459
Sule Skerry	010	83215	57626	08812	7742/	12606	87710	88560	
Cape Wrath	049	82315	66616	09512	874//	11604	88715		
Stornoway	026	62207	75016	11312	5543/	11002	83618	85640	
Benbecula	022	72411	72026	12313	754//	13601	83711	87623	
Tiree	100	82610	40596	13813	860//	13400	83701	88702	
Aldergrove	917	72215	80022	17816	754//	14711	81710	87616	
Malin	980	82415	56586	15615	872//	15808	82704	84708	87711
Belmullet	976	82117	40586	17415	863//	15711	88706		
Birr	965	82215	70035	21317	856//	13714	88631		
Dublin	969	32413	80016	20417	35700	15712	83650		
Shannon	962	82110	80032	22217	856//	14713	88635		
Roches Point	952	82208	65025	24416	863//	15809	84706	88632	
Valentia	953	81912	65022	23617	854//	15709	83712	88632	

OBSERVATIONS at 06h. 13 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Boscombe Down	746	72405	70201	24613	754//	11707	86713	86630	
Hurn	862	72205	72031	24815	756//	13708	85635	85650	
Manston	797	32513	81011	24013	35600	10606	83645		
Gatwick	776	62003	75031	24911	45431	10709	82612	83640	
Kew	775	32209	80011	24113	35500	11605	83620		
Heathrow	772	42108	72011	24013	45430	11607	83615		
Honington	586	62209	65011	21914	65500	12707	86622		
Wattisham	590	52211	60012	22513	35431	11705	81712	83625	
Gorleston	497	82509	64021	21815	855//	12400	88625		
Aberporth	502	72112	62016	22316	752//	15716	81705	87624	
Filton	628	82611	67032	23816	863//	14610	84706	88709	
Rhoose	715	82616	59026	23115	852//	15811	87704	88612	
Hartland Point	703	92620	08436	23415	9////	15716	89/00		
Mount Batten	827	82203	62206	25115	854//	14716	82712	86625	88640
St.Mawgan	817	82207	57026	25015	852//	14714	82704	85706	88612
Scilly	804	72109	78022	24816	755//	15716	87625		
Culdrose	809	72606	60101	25315	755//	15715	87620		
Guernsey	894	72209	84031	26814	753//	12711	81706	87656	
Elmdon	534	62310	65012	21215	654//	13710	81710	86628	
Cardington	559	82112	56601	22515	854//	13803	84712	88620	
Wittering	462	72414	70012	20815	6543/	13709	82710	86622	
Watnall	354	12309	60011	20014	16311	13712	81706		
Shawbury	414	72416	81026	20617	756//	14610	87630		
Finningley	360	31804	75011	18914	28542	13505	81822		
Spurn Point	396	52114	62011	18815	50970	14704	85360		
Leeming	257	42614	82011	16417	15542	13602	81625	83362	
Tynemouth	262	52523	80022	14116	45530	14605	84625		
Carlisle	222	82411	35586	15515	853//	15510	85709	88615	
Valley	302	92023	09471	19615	9////	15613	89/00		
Ringway	334	71907	75036	20315	6557/	14609	81622	86635	
Squires Gate	318	72415	75016	18616	755//	14616	86628		
Ronaldsway	204	72408	64022	17715	752//	14805	81705	85616	87620
Mull of Galloway	131	82525	74022	15614	855//	14713	88625		
Eskdalemuir	162	82118	30586	14414	872//	13609	86703	88707	
Prestwick	135	82616	25515	14114	870//	14713	83701	85703	88706
Abbotsinch	140	82609	62216	13114	852//	14604	82705	84710	86620
Leuchars	171	72413	81036	11715	5547/	13000	81715	85634	87360
Dyce	091	70000	56406	10911	6837/	11000	81706	83622	85645
Lerwick	005	72415	60106	05911	7527/	10611	87705		
Wick	075	72108	82022	08811	2547/	09711	81718	85359	87364
Sule Skerry	010	82514	62158	07412	3552/	12712	83620	88460	
Cape Wrath	049	72320	70036	08011	5647/	11604	85715	87360	
Stornoway	026	62209	70012	08912	554/2	11611	83618	84635	
Benbecula	022	72312	70022	10013	35432	12717	81712	83620	86075
Tiree	100	82213	62606	12413	3542/	12805	81712	83635	88556
Aldergrove	917	82314	62602	15316	863//	15714	83706	86707	88709
Malin	980	82612	63506	14014	862//	13709	82704	87707	87635
Belmullet	976	82108	50586	14814	863//	14709	86707	88711	
Birr	965	72011	80011	18617	754//	14614	83715	87631	
Dublin	969	72415	80011	17217	754//	14613	81717	87624	
Shannon	962	82212	80032	18617	854//	16717	82715	84625	87640
Roches Point	952	72114	70012	21416	754//	15613	83711	87637	
Valentia	953	81814	65606	20217	863//	16711	88707		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
Boscombe Down	746	97110	06	+	d_o
Hurn	862	97120	08	+	d_o
Manston	797	00110	09	+	+
Gatwick	776	00100	06	+	+
Kew	775	00130	09	+	+
Heathrow	772	00130	11	+	+
Honington	586	00120	07	+	+
Wattisham	590	00110	06	+	+
Gorleston	497				
Aberporth	502	92141	09	ir_o	ir_oid_o
Filton	628	97141	11	+	$d_oid_od_o$
Rhoose	715	94151	12	id_o	$d_or_od_od_od_or_o$
Hartland Point	703	01142	14		
Mount Batten	827	97151	13	r_o	d_o
St.Mawgan	817	91140	14	d_or_o	$d_or_od_o$
Scilly	804	00150	15	+	+
Culdrose	809	00140	13	+	+
Guernsey	894	00120	07	+	+
Elmdon	534	00140	13	+	+
Cardington	559	97130	08	+	r_o
Wittering	462	00130	12	+	+
Watnall	354	00140	10	+	+
Shawbury	414	97140	13	d_o-d_or_o	+
Finningley	360	00140	11	+	+
Spurn Point	396			ir_o	+
Leeming	257	00150	14	+	+
Tynemouth	262	92141	13	pr	+
Carlisle	222	92151	12	$ir_od_or_od_or_o$	$d_or_od_or_o$
Valley	302	97140	14	id_o	f
Ringway	334	97141	13	~~ir_oidr~~ r_o-d_o-r_o	+
Squires Gate	318	97151	14	id_or_o	+
Ronaldsway	204	97141	13	d_or_o	+
Mull of Galloway	131	00141			
Eskdalemuir	162	04132	13	$r_or_od_or_od_or_o$	$d_or_od_or_odrd_o$
Prestwick	135	02131	13	d_oddd_o	$dddd_od_odrd_or_o$
Abbotsinch	140	02131	13	$d_or_od_or_or_or_o$	$r_or_od_or_od_or_o$
Leuchars	171	91131	12	r_oir_o	+
Dyce	091	03111	10	$rRr_od_or_o$	r_o
Lerwick	005	04082	07	d_or_odrf	+
Wick	075	03101	07	r_or_orr	
Sule Skerry	010	02101	10		
Cape Wrath	049	01112	09	$ir_or_or_o$	ir_o
Stornoway	026	95111	10	ir_o	pr_o
Benbecula	022	97131	11	ir_o	+
Tiree	100	05121	11	d_or_odrir	ir_o
Aldergrove	917	97151	14	+	r_o
Malin	980	0913	12		
Belmullet	976	0513	13		
Birr	965	9717	15		
Dublin	969	9716	14		
Shannon	962	0017	16		
Roches Point	952	9715	15		
Valentia	953	9716	16		

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	13001	62915	98028	16310	63300	00229	82909	84830	05205	11133	30908	27414
	99570	70200	13004	62334	97808	03411	684//	51611	83815	84635	0//10	11334	30707	20112
	99660	10019	13004	61312	97158	11605	59460	00711	/////	/////	06001	11035	30202	/////
	99470	70171	13004	72008	98022	26418	756//	00808	87640	/////	0//17	11878	30000	27004

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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	13061	22609	98028	18809	22500	00206	/////	/////	05305	11139	3//03	///12
	99570	70202	13064	72335	97258	98612	784//	51620	84815	86630	0//10	11322	30707	20112
	99659	10018	13064	61408	97152	07606	29442	00722	/////	/////	05801	11046	30101	03604
	99469	70169	13064	72310	98022	23818	756//	00710	87640	/////	0//17	11868	30000	29003

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. Bristol

42665

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue THURSDAY 14 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 13 September 1978

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	72210	75032	23419	754//	15707	87614		
Hurn	862	72210	65605	24018	754//	15807	84616	84622	87640
Manston	797	32314	75021	22922	38600	15810	82830		
Gatwick	776	72310	70022	23719	754//	15808	85614	87640	
Kew	775	32310	75021	22521	38500	15815	83825		
Heathrow	772	62010	70011	22522	685//	15811	81820	86650	
Honington	586	72415	62022	20619	785//	14811	82822	87633	
Wattisham	590	72416	61022	21319	785//	13810	83822	87640	
Gorleston	497	62518	66031	20121	62500	12709	86820		
Aberporth	502	72117	66022	20719	4833/	16812	81709	83811	87359
Filton	628	82612	70025	23018	872//	15707	82705	85707	88712
Rhoose	715	82611	56506	22917	852//	16805	81703	85706	88612
Hartland Point	703	82620	60205	22515	855//	15805	88620		
Mount Batten	827	72110	70026	24518	5843/	16707	82712	83820	86360
St.Mawgan	817	72612	70032	23619	6847/	15807	82812	86640	
Scilly	804	82014	67031	24118	855//	14707	88620		
Culdrose	809	62311	70012	24018	68330	16809	82708	85625	
Guernsey	894	72010	82021	25717	5573/	11709	85650	84362	
Elmdon	534	72115	68212	20519	754//	15808	83712	87624	
Cardington	559	72314	59056	21220	785//	15810	82820	87640	
Wittering	462	72615	81022	20020	785//	15807	84822	86630	
Watnall	354	42514	84020	19121	38530	14803	82825		
Shawbury	414	62515	84032	19221	48532	15809	83825	83635	
Finningley	360	42515	80030	17822	32640	13707	83834		
Spurn Point	396	62510	68021	18420	5567/	13805	85630	86360	
Leeming	257	72513	84031	16319	6554/	14105	86620	84363	
Tynemouth	262	42516	80021	13621	21549	15604	82820	84175	
Carlisle	222	72314	75016	14217	754//	15714	82712	87623	
Valley	302	72125	62214	18316	752//	15710	87705	87645	
Ringway	334	72513	75022	18520	785//	14711	82828	87645	
Squires Gate	318	72317	81022	17418	784//	15815	81618	86640	
Ronaldsway	204	72115	63032	15616	3537/	14713	81709	83628	87360
Mull of Galloway	131	82128	78022	13415	855//	14816	88625		
Eskdalemuir	162	82116	28516	13715	872//	15711	88703		
Prestwick	135	82408	23586	13313	870//	13807	82700	83701	87702
Abbotsinch	140	82607	50536	12314	853//	13808	82708	86615	88645
Leuchars	171	72515	70252	11216	7843/	12808	81712	83820	86650
Dyce	091	82305	70806	09716	883//	13612	81706	83650	88656
Lerwick	005	72322	56102	05413	683/2	11706	82707	85812	86070
Wick	075	72013	80022	07613	58432	11706	83818	83635	87072
Sule Skerry	010	82316	66028	05813	59463	11709	85915	83070	
Cape Wrath	049	72324	70038	05813	3347/	11715	83915	87360	
Stornoway	026	72114	70258	06214	684/2	11717	83818	86635	87075
Benbecula	022	72120	70022	07714	784//	12714	82816	87645	
Tiree	100	72116	62026	10513	2847/	12708	81815	87460	
Aldergrove	917	82708	30606	12916	860//	15714	83701	85702	88705
Malin	980	82413	60605	12413	6647/	12810	86713	88459	
Belmullet	976	82217	76215	14015	7547/	13704	81714	86638	87459
Birr	965	72215	80032	15820	7853/	15716	85821	85640	
Dublin	969	62417	84011	14620	4853/	15718	83822	84359	
Shannon	962	72317	84032	16120	754//	16717	83714	85624	85640
Roches Point	952	82117	70032	19816	864//	15610	87710	88637	
Valentia	953	82017	64106	18217	863//	16710	86706	88715	

OBSERVATIONS at 18h. 13 September 1978

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	72011	70022	20317	756//	12614	87630		
Hurn	862	72308	75212	21116	6543/	13614	81715	85645	
Manston	797	72113	62021	20317	2578/	14612	82656	86359	
Gatwick	776	72212	70022	20917	3548/	13608	81616	83645	87359
Kew	775	52111	70021	19918	25571	14611	82625	84365	
Heathrow	772	52108	65012	19819	35572	15712	82623	84362	
Honington	586	72310	60031	17920	7853/	14714	81824	87630	
Wattisham	590	82213	57042	18519	885//	15612	83822	88640	
Gorleston	497	72108	66031	17821	5557/	14712	85620	87358	
Aberporth	502	72015	58506	17615	752//	14721	87705	87650	
Filton	628	72708	62055	19817	753//	15715	82706	84710	87640
Rhoose	715	72814	70026	19916	754//	14612	81710	87640	
Hartland Point	703	62522	74016	19315	48580	14611	81820	84645	86360
Mount Batten	827	72110	60802	21016	6838/	14718	81709	84818	85640
St.Mawgan	817	72510	75028	20916	3848/	15715	82810	83640	87360
Scilly	804	72209	70022	21116	1857/	14712	81822	87360	
Culdrose	809	72406	62216	21116	783//	15715	85708	86650	
Guernsey	894	43006	72011	22516	35732	07715	83656	83360	
Elmdon	534	72112	65022	17718	754//	15612	83712	86622	87650
Cardington	559	82114	58602	18519	855//	16811	85620	88635	
Wittering	462	72418	61041	17519	754//	15608	83616	86628	87650
Watnall	354	82313	65211	16018	854//	15613	81710	88616	
Shawbury	414	72317	70016	16219	754//	15715	83615	86625	
Finningley	360	62114	80031	14519	6868/	15715	85830	85645	85360
Spurn Point	396	52310	60012	14819	35670	15718	83630	85360	
Leeming	257	52115	75012	12419	48532	14718	82822	83650	
Tynemouth	262	72312	61251	11118	4557/	14609	84620	86358	
Carlisle	222	82510	22656	10915	872//	15808	83705	88709	
Valley	302	82029	23506	14415	870//	15717	88701		
Ringway	334	72215	82022	15019	7557/	15817	86625	87656	
Squires Gate	318	72014	82602	14117	7843/	15714	82710	84635	86650
Ronaldsway	204	82416	26632	12215	871//	14613	84702	86704	88708
Mull of Galloway	131	83310	58636	12913	4742/	13113	84710	88520	
Eskdalemuir	162	72612	62806	10813	783//	11801	82708	85714	87640
Prestwick	135	72210	70216	11213	3542/	12607	81712	83640	87458
Abbotsinch	140	72508	81026	10313	68422	11507	82815	86650	
Leuchars	171	72213	80018	08213	28442	12816	81818	86080	
Dyce	091	72305	84028	06515	65532	09611	81620	86626	86070
Lerwick	005	62122	75252	02411	684//	09716	83814	84635	
Wick	075	32510	82011	04413	38402	07714	81818	83645	
Sule Skerry	010	52318	70158	02112	39460	10721	83910	85360	
Cape Wrath	049	32323	81028	02012	13470	10717	81915	83360	
Stornoway	026	72317	80038	03213	784//	10716	84818	85635	
Benbecula	022	62317	73258	04413	694//	11720	82915	86640	
Tiree	100	62216	64151	07813	58462	11611	81710	84817	
Aldergrove	917	72508	75026	12613	754//	11605	81712	87635	
Malin	980	62320	82036	10414	684/2	10607	82818	85650	
Belmullet	976	52419	72258	12914	434/2	10501	81717	83820	81920
Birr	965	72507	70215	15812	5642/	11308	85713	87458	
Dublin	969	82911	40628	13515	863//	14303	86707	88712	
Shannon	962	72610	80215	16413	783//	12105	81706	83716	87650
Roches Point	952	82314	35605	16916	862//	15510	88704		
Valentia	953	71805	65215	17913	4542/	13302	81716	84635	86459

OBSERVATIONS during DAY

Station	iii	$R_RT_TT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00210	010	+	+
Hurn	862	97200	004	r_o	r_o
Manston	797	00220	070	+	+
Gatwick	776	00210	025	+	+
Kew	775	00220	053	+	+
Heathrow	772	97220	042	+	r_o
Honington	586	97210	022	+	r_o
Wattisham	590	00220	013	+	+
Gorleston	497		066		
Aberporth	502	96201	013	id_od	$dd_or_oid_od_or_o$
Filton	628	97191	001	d_o	r_o
Rhoose	715	93181	001	$d_or_od_od_or_o-r_o$	ir_o
Hartland Point	703	01150	003		
Mount Batten	827	97181	007	r_o	pr_o
St.Mawgan	817	97200	012	+	pr_o
Scilly	804	00190	041	+	+
Culdrose	809	01192	030	ir_o	ir_opr_o
Guernsey	894	00190	063	+	+
Elmdon	534	97200	003	r_o	ir_o
Cardington	559	97220	012	+	r_o
Wittering	462	00220	027	+	+
Watnall	354	97220	077	+	r_o
Shawbury	414	97221	032	+	r_o
Finningley	360	00230	077	+	+
Spurn Point	396			+	ir_o
Leeming	257	00210	064	+	+
Tynemouth	262	04212	065	+	$prrrr_or_o$
Carlisle	222	19192	001	$d_or_od_or_o-r_o$	ir_oRrRRr_o
Valley	302	04172	013	ir_o	$id_or_or_oRRrr$
Ringway	334	00210	012	~~+~~ jp	+
Squires Gate	318	03192	006	+	r_oir_orR
Ronaldsway	204	13171	014	+	ir_odrR
Mull of Galloway	131	11151			
Eskdalemuir	162	16152	000	$d_or_od_or_odr$	$drRrrr_or_opr_o$
Prestwick	135	13141	000	$DRRd_or_o$	$r_or_oir_o$
Abbotsinch	140	04141	000	$d_or_od_od_odr_or$	rr_o
Leuchars	171	01171	017	pr_or_o	r_or
Dyce	091	97171	003	pr_oir_o	+
Lerwick	005	91141	010	+	pr_o
Wick	075	92151	034	+	pr_o
Sule Skerry	010	91131			
Cape Wrath	049	97131	039	pr_o	+
Stornoway	026	93151	042	pr_o	pr_o
Benbecula	022	07151	028	pr	pr_opr
Tiree	100	01151	021	r_or	pr
Aldergrove	917	03181	000	$r_od_od_odrd_or_o$	r_o
Malin	980	0116	023		
Belmullet	976	0216	021		
Birr	965	0421	008		
Dublin	969	0221	030		
Shannon	962	0321	011		
Roches Point	952	9717	001		
Valentia	953	0318	002		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

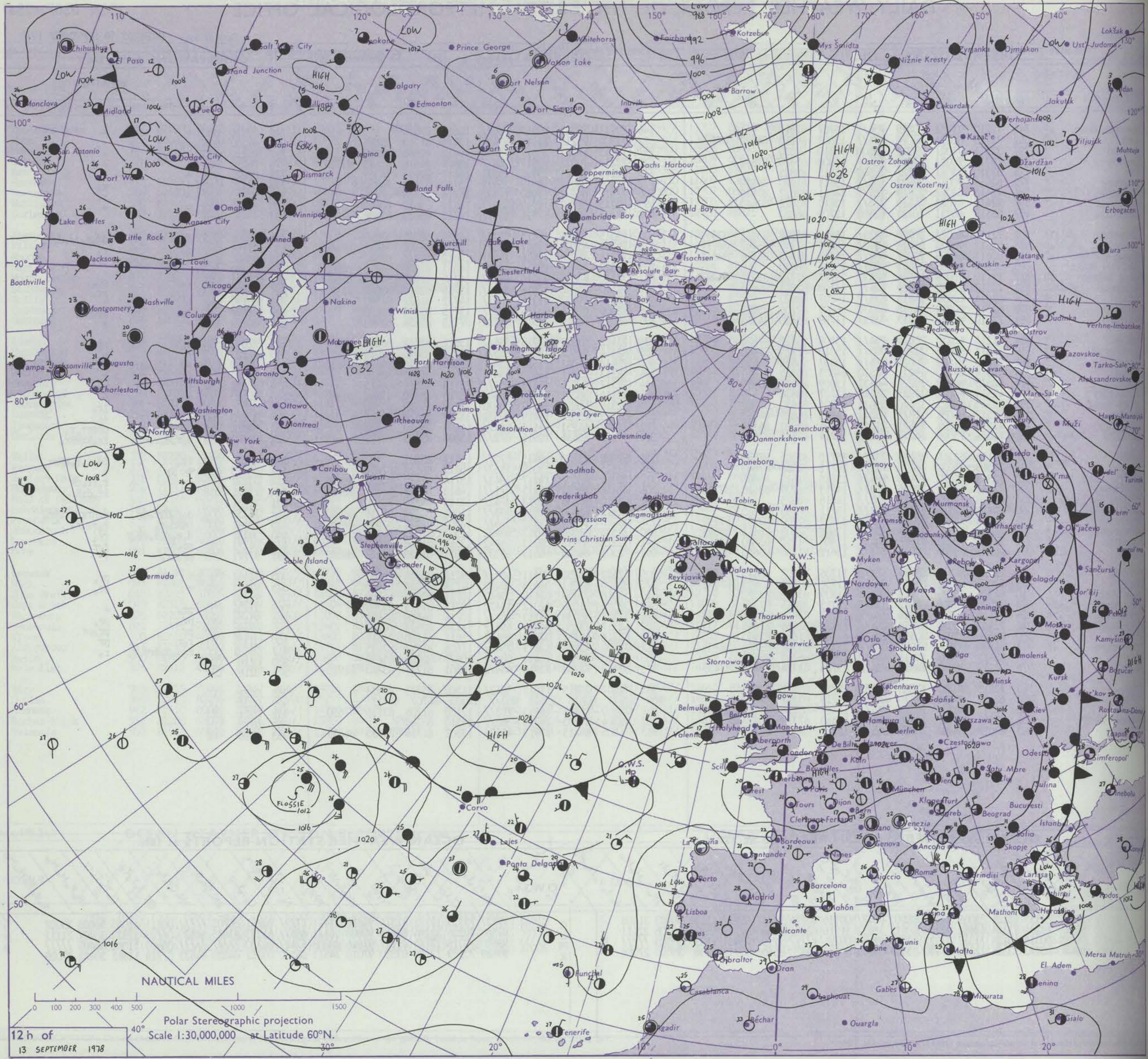
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13121	82009	97515	18210	864//	00716	88714	/////	05107	11118	30403	31108
L	99569	70204	13124	62631	97258	00412	58432	51316	82815	84630	0//09	11327	30706	22111
M	99659	10018	13124	71317	97022	03808	62450	00721	/////	/////	05401	11033	30303	/////
R	99470	70170	13124	72313	97152	23519	58502	00203	83820	85656	0//17	11860	30000	27006

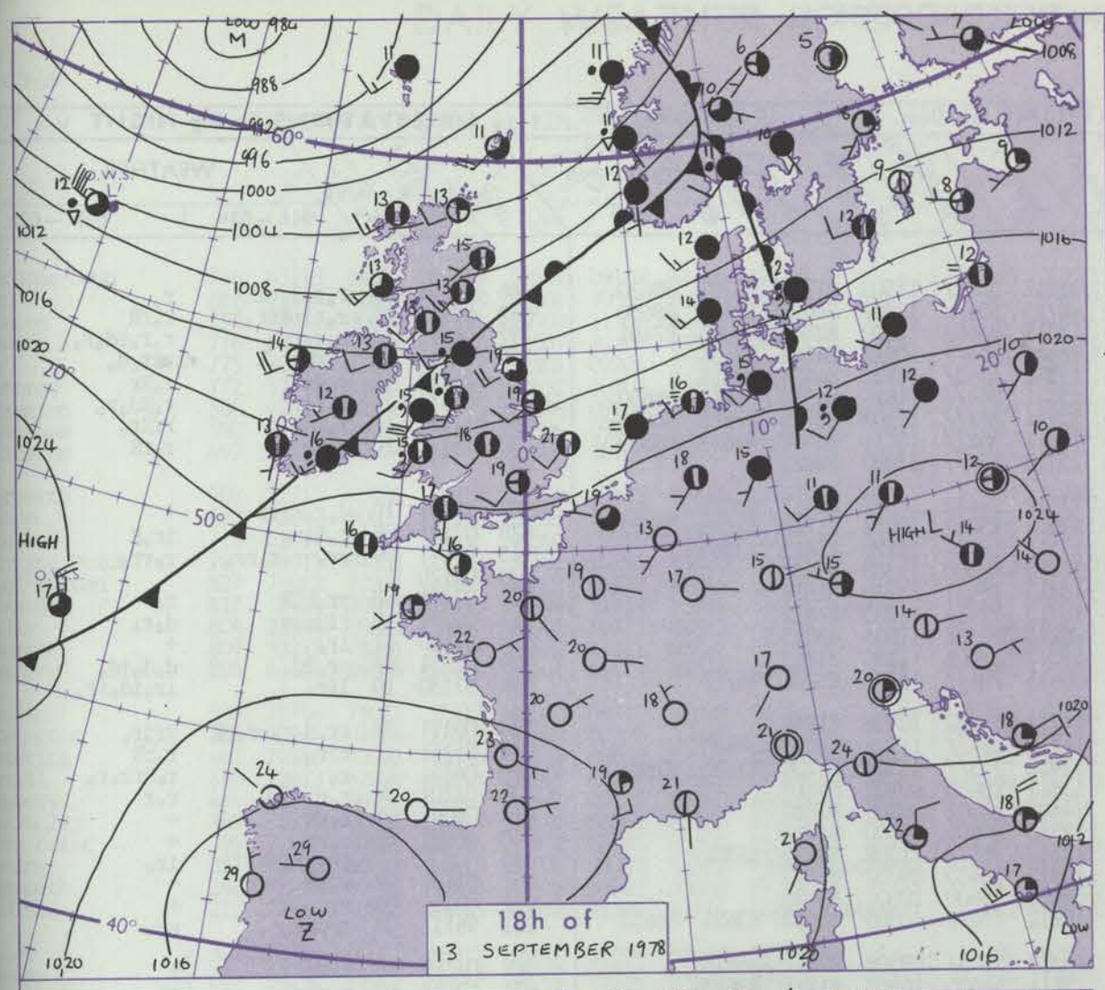
OCEAN WEATHER STATION REPORTS at 18h.

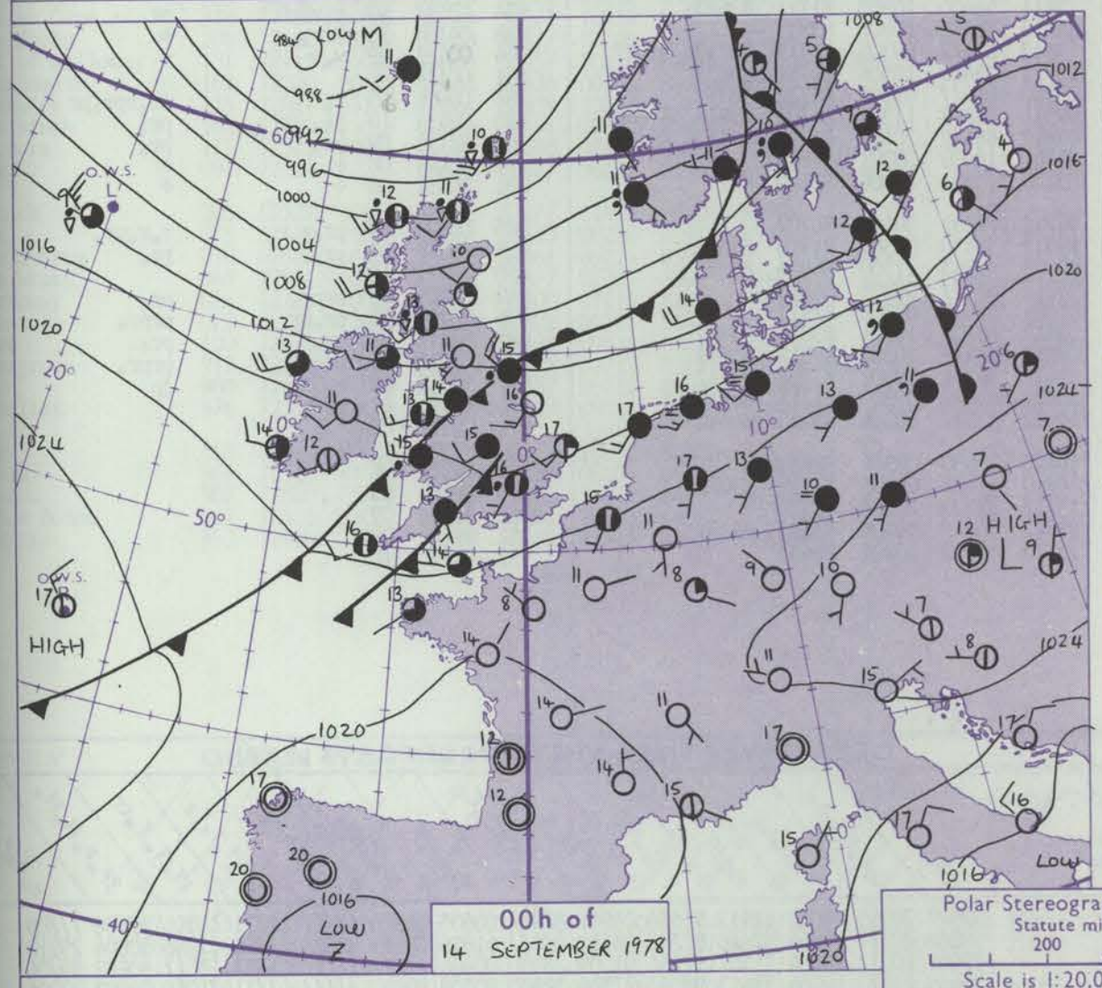
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13181	81814	94656	07411	8722/	00781	86705	/////	00211	11045	30606	35007
L	99568	70206	13184	62846	96808	06111	684//	61233	83815	84630	0//08	11328	30707	21111
M	99660	10016	13184	81127	97616	98008	5742/	00730	/////	/////	05405	11042	30405	/////
R	99469	70169	13184	63520	97018	24517	68500	00212	84820	84633	0//14	11861	30402	27006

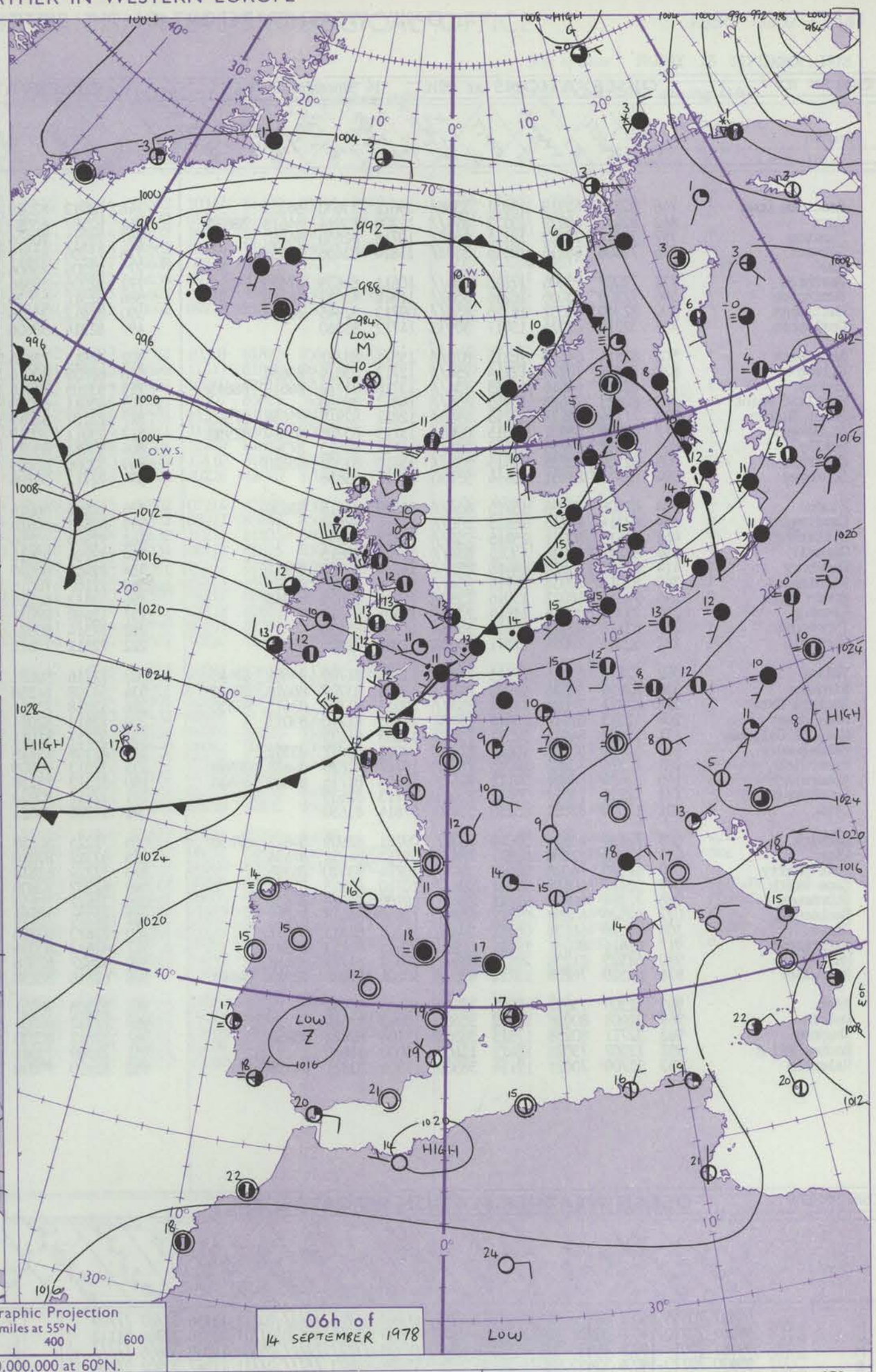
All times of observation printed in this publication are GREENWICH MEAN TIME.

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.

Issued at midday THURSDAY 14 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours pressure remained low near Iceland and high over France maintaining a west to northwest airstream over the British Isles with a cold front moving southeast from Scotland to southeast England.

During the next 24 hours pressure is expected to remain low to the north and high to the south of the British Isles. The cold front over southeast England is expected to continue moving southeast as another frontal system moves east over northern districts.

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

Code FM 11.V

OBSERVATIONS at 00h. 14 September 1978

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	82311	62919	18811	3568/	09611	83630	88359	
Hurn	862	82410	60929	19213	894//	12708	83914	84618	88625
Manston	797	72314	77022	18116	2578/	10716	82650	86360	
Gatwick	776	72008	68216	18614	3578/	11814	83656	87358	
Kew									
Heathrow	772	72007	70606	17816	756//	10611	81635	87650	
Honington	586	72209	65036	16216	3567/	11812	83632	86358	
Wattisham	590	82310	65032	16716	856//	09713	82645	88656	
Gorleston	497	32210	62021	15817	30930	14712	83360		
Aberporth	502	82814	08636	16215	870//	15511	88701		
Filton	628	72306	70216	17714	754//	12713	83614	86634	
Rhoose	715	82210	64616	17315	854//	13718	81712	86618	88645
Hartland Point	703	82623	72818	16915	856//	14817	88630		
Mount Batten	827	72104	70179	19213	5948/	12812	82918	85656	87360
St.Mawgan	817	82209	58952	18815	6988/	15715	85705	86614	82950
Scilly	804	72412	81216	19516	3557/	14712	83625	87360	
Culdrose	809	82509	60138	19415	853//	15810	83708	88620	
Guernsey	894	62707	81031	20414	55730	12712	85656		
Elmdon	534	82308	75036	15715	854//	11509	85616	88639	
Cardington	559	82114	65216	16115	856//	12814	88644		
Wittering	462	72413	80021	15216	757//	10815	87650		
Watnall	354	82212	65026	14015	854//	11711	88615		
Shawbury	414	82408	66622	14416	853//	14714	84708	88614	
Finningley	360	82012	72032	12715	854//	12808	83618	88624	
Spurn Point	396	72115	68022	13016	2557/	11711	82625	87360	
Leeming	257	73306	80216	11513	754//	12501	87618		
Tynemouth	262	62716	81028	10413	5563/	11104	85630		
Carlisle	222	52305	70036	11411	38532	11809	82820	83075	
Valley	302	72613	65016	15213	753//	11805	81709	84632	87640
Ringway	334	82910	58636	15013	853//	12303	83707	86618	88630
Squires Gate	318	82711	70026	14214	853//	12013	81706	83613	88650
Ronaldsway	204	42513	82016	13413	28402	11803	81710	83073	
Mull of Galloway	131	12420	84016	12312	15600	11803	81635		
Eskdalemuir	162	62111	80018	10810	22432	09803	82817	83362	
Prestwick	135	72314	70801	10013	785//	10707	82820	84628	86648
Abbotsinch	140	72414	68801	09112	784//	10604	81716	84820	86630
Leuchars	171	22212	75011	06911	25601	09713	82635		
Dyce	091	12009	82021	05210	15700	07814	81650		
Lerwick	005	72120	65818	99010	733//	09721	82909	84812	87630
Wick	075	72212	62808	01911	784//	09713	84812	87634	
Sule Skerry	010	62320	74028	98812	3946/	10714	83910	86360	
Cape Wrath	049	52325	60818	99311	594//	10710	83915	85620	
Stornoway	026	72314	60808	01212	784//	10709	85816	84630	
Benbecula	022	62520	65808	03312	684//	11609	84815	85625	
Tiree	100	52519	66158	06812	58400	11705	82815	83627	
Aldergrove	917	62411	80031	12011	654//	09611	82713	86621	
Malin	980	62525	81258	10113	684//	10803	81715	85818	
Belmullet	976	62520	76258	13713	635//	10204	85820	82920	84640
Birr	965	32309	75031	16011	35600	10500	83632		
Dublin	969	32408	80036	14612	35600	10802	83640		
Shannon	962	32711	80258	17013	38500	11104	82822	83650	
Roches Point	952	12507	75026	18412	15600	10000	81640		
Valentia	953	52709	70021	19114	58500	11306	83821	84636	

OBSERVATIONS at 06h. 14 September 1978

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	82912	82039	16312	852//	11503	81705	86707	88620
Hurn	862	82507	65039	16713	854//	12502	84612	85624	88650
Manston	797	72211	70606	15312	2568/	11000	82645	85360	87464
Gatwick	776	72206	81219	16411	756//	10612	84638	87656	
Kew	775	82309	75606	15711	4552/	10710	84625	88458	
Heathrow	772	82306	57586	15511	854//	11611	84710	86616	88650
Honington	586	82312	57636	13711	852//	11505	83705	87613	88624
Wattisham	590	82412	35636	13911	5522/	10711	83704	84616	88550
Gorleston	497	82314	58606	13313	855//	11605	88625		
Aberporth	502	72815	72036	17112	21432	10307	82812	85075	
Filton	628	62809	80016	17212	15402	10219	81710	83070	85072
Rhoose	715	33105	72016	17311	18431	10120	81815	83360	
Hartland Point	703	43011	85038	17813	48500	11305	83820		
Mount Batten	827	23107	62019	18113	18431	11210	81812		
St.Mawgan	817	23011	70019	18913	12431	11205	81812		
Scilly	804	33013	85026	20214	32502	11206	83825		
Culdrose	809	33006	60105	19312	28401	11106	81815		
Guernsey	894	72712	50106	18415	761//	15503	82702	86703	
Elmdon	534	22606	66016	14711	15632	10308	81636		
Cardington	559	82613	56616	14911	8547/	11306	83710	88620	
Wittering	462	72809	70216	13912	753//	11307	81706	83620	87635
Watnall	354	22706	65016	13811	28400	09303	81810		
Shawbury	414	22405	80036	14609	18502	09305	81820		
Finningley	360	22107	70016	12310	25501	08500	81620		
Spurn Point	396	52412	68216	12213	3567/	11302	83635	85360	
Leeming	257	12408	82031	10912	18400	09702	81815		
Tynemouth	262	52514	80021	09613	55600	10601	85630		
Carlisle	222	72612	75021	10212	784//	10305	81818	83624	86632
Valley	302	72716	80031	15313	7545/	09308	82612	86616	
Ringway	334	52308	64258	13711	58400	10303	81711	83622	
Squires Gate	318	42818	75011	13413	38402	10306	83815		
Ronaldsway	204	72613	82031	13112	654/2	09305	81711	83713	85627
Mull of Galloway	131	32717	81011	11711	35400	10304	81710	83625	
Eskdalemuir	162	82108	65616	09810	874//	09304	83710	88717	
Prestwick	135	72513	60808	09311	682/2	11304	81705	83814	85640
Abbotsinch	140	72513	75258	07812	684/2	10400	81716	83820	85628
Leuchars	171	12411	80020	05710	18400	09301	81818		
Dyce	091	12308	86021	03210	15501	07606	81620		
Lerwick	005	72225	60218	94711	77331	09616	86707		
Wick	075	42312	81018	99911	39430	08502	81916	83640	
Sule Skerry	010	72724	62818	97112	49363	11500	84906	87070	
Cape Wrath	049	62732	70808	98011	624//	09305	86815		
Stornoway	026	32617	70258	01011	39400	09206	82912		
Benbecula	022	42726	70258	03812	48400	10301	83816	83632	
Tiree	100	72623	60808	07012	784//	10307	83812	85628	
Aldergrove	917	42613	80016	12411	36301	09302	81708	83712	
Malin	980	62827	62808	10412	634//	09305	81715	86918	
Belmullet	976	62616	80258	14412	6353/	10308	85920	84640	
Birr	965	22308	70011	16410	25600	08304	82634		
Dublin	969	72712	80031	14910	46432	09208	82716	83070	
Shannon	962	32812	80038	17712	33500	10208	83920		
Roches Point	952	72709	75021	19012	3567/	09208	83643	86359	
Valentia	953	62810	70038	19713	65600	10206	86635		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	09101	09	$r_o$rtlrtlR	r_o
Hurn	862	09111	11	$r_o$tlrRpr$_o$pr	r_orR
Manston	797	04111	11	r_o	$r_o r_o$rd$_o r_o$
Gatwick	776	10111	11	r_orRtl$_o$R	rlr$_o$d$_o$
Kew	775	06111	10	r_oRr	r_oRr
Heathrow	772	06111	11	r_oRlr	r_oRd$_o r_o$
Honington	586	12111	11	r_orRR	rrRr$_o$
Wattisham	590	14111	10	r_oRr	r_orR
Gorleston	497				
Aberporth	502	13121	10	d$_o r_o$Rrrf	+
Filton	628	02111	08	r_oRir$_o$	ir$_o$R
Rhoose	715	07111	09	rr$_o$–$r_o r_o$rr$_o$	$r_o$rr$_o$
Hartland Point	703	04120	11		
Mount Batten	827	03121	08	pr$_o$tlR	r_o
St.Mawgan	817	04121	10	tlRr$_o$d	d$_o r_o$
Scilly	804	97130	11	ir$_o$	+
Culdrose	809	02111	07	pr$_o$id$_o$	d$_o$d$_o$id$_o$
Guernsey	894	97130	10	lir$_o$	ir$_o$id$_o$ir$_o$
Elmdon	534	09111	08	ir$_o$d$_o r_o$–r_orR	Rrir$_o$
Cardington	559	04111	11	rir$_o$	r_orR
Wittering	462	04111	11	r_o	r_oRrr$_o r_o$
Watnall	354	01101	08	r_or	r_or
Shawbury	414	06091	05	$r_o$rr	+
Finningley	360	96091	05	$r_o$rr$_o$	+
Spurn Point	396			ir$_o$pr$_o$	ir$_o$
Leeming	257	03111	07	r_oRr	+
Tynemouth	262	03111	09	rr	+
Carlisle	222	96111	08	Rrdrd$_o r_o$	pr$_o$
Valley	302	01111	10	rir$_o$	+
Ringway	334	03111	10	r_orRrR	pr$_o$
Squires Gate	318	04131	11	Rrr$_o$	+
Ronaldsway	204	00111	09	~~r~~+	+
Mull of Galloway	131	00111			
Eskdalemuir	162	05091	05	r$_o$	ir$_o$rpr$_o$pr
Prestwick	135	02111	10	pr$_o$	pr$_o$
Abbotsinch	140	97111	09	pr$_o$	pr$_o$
Leuchars	171	00101	08	+	+
Dyce	091	00091	06	+	+
Lerwick	005	03101	09	pr$_o r_o r_o$	$r_o r_o$pr$_o$
Wick	075	93101	07	pr$_o$	pr$_o$
Sule Skerry	010	02112	10		
Cape Wrath	049	01101	09	prpr$_o$	pr$_o$
Stornoway	026	05101	08	pr$_o$pr	prpr$_o$
Benbecula	022	93111	09	pr$_o$	pr$_o$
Tiree	100	01111	10	prpRpr$_o$	prpr$_o$
Aldergrove	917	97101	08	r$_o$	jp
Malin	980	9512	09		
Belmullet	976	0210	09		
Birr	965	9710	08		
Dublin	969	0210	08		
Shannon	962	9111	09		
Roches Point	952	0411	08		
Valentia	953	9111	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	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	14001	82114	96636	07312	8722/	00004	86706	/////	00212	11156	3//07	///09
	99567	70210	14004	62926	96802	11008	48430	61117	82815	84630	0//07	11318	30706	21112
	99661	10014	14004	80830	97606	92908	874//	00721	/////	/////	05308	11039	30606	/////
	99470	70170	14004	13415	98021	26716	12500	00108	81823	/////	0//11	11847	30502	27004

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	14061	82412	97616	04911	8722/	00605	86706	/////	00211	11108	3//06	///09
	99568	70214	14064	82416	97258	08810	884//	61816	82815	88628	0//06	11288	30604	29210
	99662	10012	14064	71507	97156	91009	78400	00606	/////	/////	05107	11017	30202	99/04
	99469	70170	14064	33413	98030	27216	32500	00209	83820	/////	0//11	11865	30502	27004

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

42666 Date of Issue FRIDAY 15 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 14 September 1978

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	63113	84022	19116	58501	09109	84824	84075	
Hurn	862	62814	82031	19318	31504	10011	83828	86075	
Manston	797	72911	80026	17316	12508	11309	81820	87275	
Gatwick	776	63012	83016	18017	22501	10107	82828	86075	
Kew	775	62910	82026	17817	51501	09204	85825	84075	
Heathrow	772	52712	81016	17718	22632	10107	82830	85075	
Honington	586	72816	82036	15616	32506	09105	83825	87270	
Wattisham	590	72915	75016	16116	32506	09708	83825	86275	
Gorleston	497	62714	62026	14915	42506	10106	84825	86075	
Aberporth	502	72715	82032	19914	21532	10112	82821	87075	
Filton	628	72813	80031	19516	24501	10109	82828	87080	
Rhoose	715	62814	81031	19816	48501	09110	84820	86075	
Hartland Point	703	73015	84031	21215	52531	10215	85820	83360	
Mount Batten	827	73012	82031	21617	58401	11212	83814	83620	
St.Mawgan	817	52914	80031	22215	32401	11111	83818	83075	
Scilly	804	33314	80021	23617	28501	10213	81823	83075	
Culdrose	809	53213	78031	22516	52502	11211	85822	84070	
Guernsey	894	63115	84036	21517	21401	11115	82815	85080	
Elmdon	534	72716	75021	17217	48532	09210	83828	85075	
Cardington	559	72714	81026	17017	52608	10107	85830	87272	
Wittering	462	72818	82021	15616	48532	09003	83826	83364	85075
Watnall	354	72613	82021	15914	38548	09214	82820	86268	
Shawbury	414	62611	80251	17115	685/2	09212	82820	85625	
Finningley	360	72618	80021	14315	28548	08305	81828	87275	
Spurn Point	396	72820	70031	13616	51501	09205	85820	85075	
Leeming	257	62718	80021	12915	38502	09310	82822	83640	86075
Tynemouth	262	72718	80022	10914	3557/	09207	83620	87358	
Carlisle	222	72713	70808	12413	684/2	11308	81714	84817	86645
Valley	302	72814	80022	18015	1143/	10108	81818	87358	
Ringway	334	62716	81018	16115	58502	09210	84825	83075	
Squires Gate	318	72717	80031	16014	685/1	10214	84820	84635	
Ronaldsway	204	72620	81022	15313	784//	10106	81713	87656	
Mull of Galloway	131	72715	84021	14413	3855/	10211	81820	83625	87360
Eskdalemuir	162	72520	80028	11413	42536	08305	84820	87075	
Prestwick	135	72617	65158	12014	38438	10214	81715	87070	
Abbotsinch	140	22720	75018	10314	18441	08312	81818		
Leuchars	171	72521	82021	07515	11578	08210	81825	83268	87075
Dyce	091	72614	80251	05116	784//	06212	81712	83820	86640
Lerwick	005	82527	30616	94911	872//	11400	85703	88708	
Wick	075	62620	75258	02212	29433	08216	81915	83359	
Sule Skerry	010	62828	66808	99513	5946/	09214	85910		
Cape Wrath	049	72934	60818	00510	794//	07207	83915	87620	
Stornoway	026	42723	70028	04713	49400	07115	82914	83818	
Benbecula	022	32722	75018	07913	28402	09221	81818		
Tiree	100	72619	75028	10413	3843/	09114	82817	87365	
Aldergrove	917	72813	70251	15413	6847/	09212	83817	85630	86462
Malin	980	72625	75018	13514	5843/	09116	82818	84638	87359
Belmullet	976	72518	78038	17215	5353/	09110	83920	83640	
Birr	965	62715	80258	19015	685//	10108	85820	83636	
Dublin	969	72515	84022	17215	4843/	08104	84818	86359	
Shannon	962	72820	75808	20715	735/3	11212	84920	87645	
Roches Point	952	72815	75022	21116	48401	10105	84814	87075	
Valentia	953	72910	75022	22714	68502	11211	82820	86635	

OBSERVATIONS at 18h. 14 September 1978

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	72813	83022	21214	18532	10317	81820	83365	85073
Hurn	862	73009	82022	21415	15632	09313	81640	83362	87075
Manston	797	62706	84011	19216	14632	10213	81640	84070	
Gatwick	776	72708	80022	20016	34602	09314	81830	83640	87075
Kew	775	72808	81022	19617	55608	08312	85635	87275	
Heathrow	772	72807	82022	19517	54638	09313	85635	86275	
Honington	586	72610	81032	18215	54602	09216	83833	83640	85075
Wattisham	590	72910	80032	18815	18602	09219	81830	87075	
Gorleston									
Aberporth	502	72414	82032	21313	58532	10308	81822	85645	87075
Filton	628	72817	81031	21615	18582	11317	81828	86075	
Rhoose	715	72812	83032	21614	28431	10210	82818	87075	
Hartland Point	703	72815	84022	22614	52561	11307	85825	84360	
Mount Batten	827	63013	84012	23516	12531	11312	81828	86075	
St.Mawgan	817	72813	82031	23915	684/1	11207	81815	85618	
Scilly	804	23211	80010	25116	18501	12209	81823		
Culdrose	809	52912	80028	24215	22432	13110	81810	83070	
Guernsey	894	72915	80022	23615	00901	10216	82070	87078	
Elmdon	534	62714	75028	19415	28602	07214	81830	85075	
Cardington	559	62711	81022	19115	35632	09217	83645	85075	
Wittering	462	52814	81022	17914	18632	10211	81835	84075	
Watnall	354	62710	80018	18414	48531	08115	81825	83645	85075
Shawbury	414	72307	80028	19114	745//	10112	81825	87650	
Finningley	360	52611	76012	17114	48502	08214	81829	84645	
Spurn Point	396	42720	68011	16315	32570	09217	83825	84360	
Leeming	257	62612	86031	15214	68541	09113	82825	86645	
Tynemouth	262	12822	80011	12914	10940	07107	81358		
Carlisle	222	52613	82038	14413	38501	10210	82822	83078	
Valley	302	62514	81012	19215	35754	10207	83650	83362	85072
Ringway	334	72408	75028	18214	785//	09011	82826	87645	
Squires Gate	318	42718	81011	17614	38501	10210	82820		
Ronaldsway	204	52513	82021	17013	28432	09105	81716	85075	
Mull of Galloway	131	72710	84038	15813	3853/	10206	82820	85360	
Eskdalemuir	162	42408	84018	13511	48440	06012	82818	83640	
Prestwick	135	72612	75031	14013	58572	09108	81825	83635	85650
Abbotsinch	140	52716	75258	12113	48530	07309	83820		
Leuchars	171	52513	82021	10013	31604	06215	83835	84081	
Dyce	091	72608	84028	07613	78631	05210	82835	86650	
Lerwick	005	62630	75016	97910	684//	07214	82710	86630	
Wick	075	72818	80808	04710	58452	06012	82815	83625	86070
Sule Skerry	010	82926	70258	02411	29477	08209	82910	84360	88270
Cape Wrath	049	72920	70808	03710	734//	08206	87915		
Stornoway	026	82415	75038	05711	3847/	08806	81818	83635	88464
Benbecula	022	82315	65628	07211	4537/	11813	82708	83616	88460
Tiree	100	82316	61606	10112	2742/	10712	82710	88458	
Aldergrove	917	72511	80028	15713	6857/	08801	81820	83627	85640
Malin	980	82122	58608	12312	5647/	11819	85713	88458	
Belmullet	976	82222	40586	14814	6632/	13716	84707	85715	88458
Birr	965	82512	81032	19514	864//	11000	85716	87637	
Dublin	969	72612	84022	18214	15632	08011	81630	85360	86070
Shannon	962	82519	80038	20515	854//	12803	83715	85622	88635
Roches Point	952	52510	81021	22315	18401	11004	81818	84075	
Valentia	953	82513	75022	22915	885//	13500	85824	88640	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00181	090	+	+
Hurn	862	00191	083	+	+
Manston	797	00180	063	+	+
Gatwick	776	00191	070	+	+
Kew	775	00180	068	+	+
Heathrow	772	00191	063	+	+
Honington	586	00171	074	+	+
Wattisham	590	00181	067	+	+
Gorleston	497		046		
Aberporth	502	00151	066	+	+
Filton	628	00180	092	+	+
Rhoose	715	97171	089	+	pr$_o$
Hartland Point	703	00160	103		
Mount Batten	827	00181	104	+	+
St.Mawgan	817	00161	106	+	+
Scilly	804	00180	086	+	+
Culdrose	809	97171	096	+	pr$_o$
Guernsey	894	00180	088	+	+
Elmdon	534	97181	082	pr$_o$	+
Cardington	559	00191	054	+	+
Wittering	462	00171	050	+	+
Watnall	354	97160	072	pr$_o$	+
Shawbury	414	97161	035	pr$_o$	+
Finningley	360	00170	047	+	+
Spurn Point	396			+	+
Leeming	257	00161	057	+	+
Tynemouth	262	00161	055	+	+
Carlisle	222	94151	029	pr$_o$pr	pr$_o$
Valley	302	00161	057	+	+
Ringway	334	97151	045	pr$_o$	+
Squires Gate	318	00151	059	+	+
Ronaldsway	204	00151	056	+	+
Mull of Galloway	131	92151			
Eskdalemuir	162	91141	055	pr$_o$	r$_o$
Prestwick	135	93151	056	pr$_o$	pr$_o$r$_o$d$_o$r$_o$
Abbotsinch	140	94151	070	prpr$_o$	pr$_o$r$_o$r$_o$d$_o$r$_o$
Leuchars	171	00161	090	+	+
Dyce	091	97161	100	pr$_o$	+
Lerwick	005	03121	003	id$_o$r$_o$rr	r$_o$r$_o$
Wick	075	94151	077	pr$_o$pr	pr$_o$
Sule Skerry	010	93131			
Cape Wrath	049	01121	052	prpr$_o$	pr$_o$r$_o$r$_o$
Stornoway	026	03131	071	prpr$_o$	pr$_o$r$_o$r$_o$
Benbecula	022	06142	037	pr$_o$	rr
Tiree	100	04141	023	pr$_o$	ir$_o$rr
Aldergrove	917	97151	017	pr$_o$	d$_o$
Malin	980	9515	018		
Belmullet	976	9315	034		
Birr	965	9116	046		
Dublin	969	0017	056		
Shannon	962	0117	035		
Roches Point	952	0016	064		
Valentia	953	9616	031		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

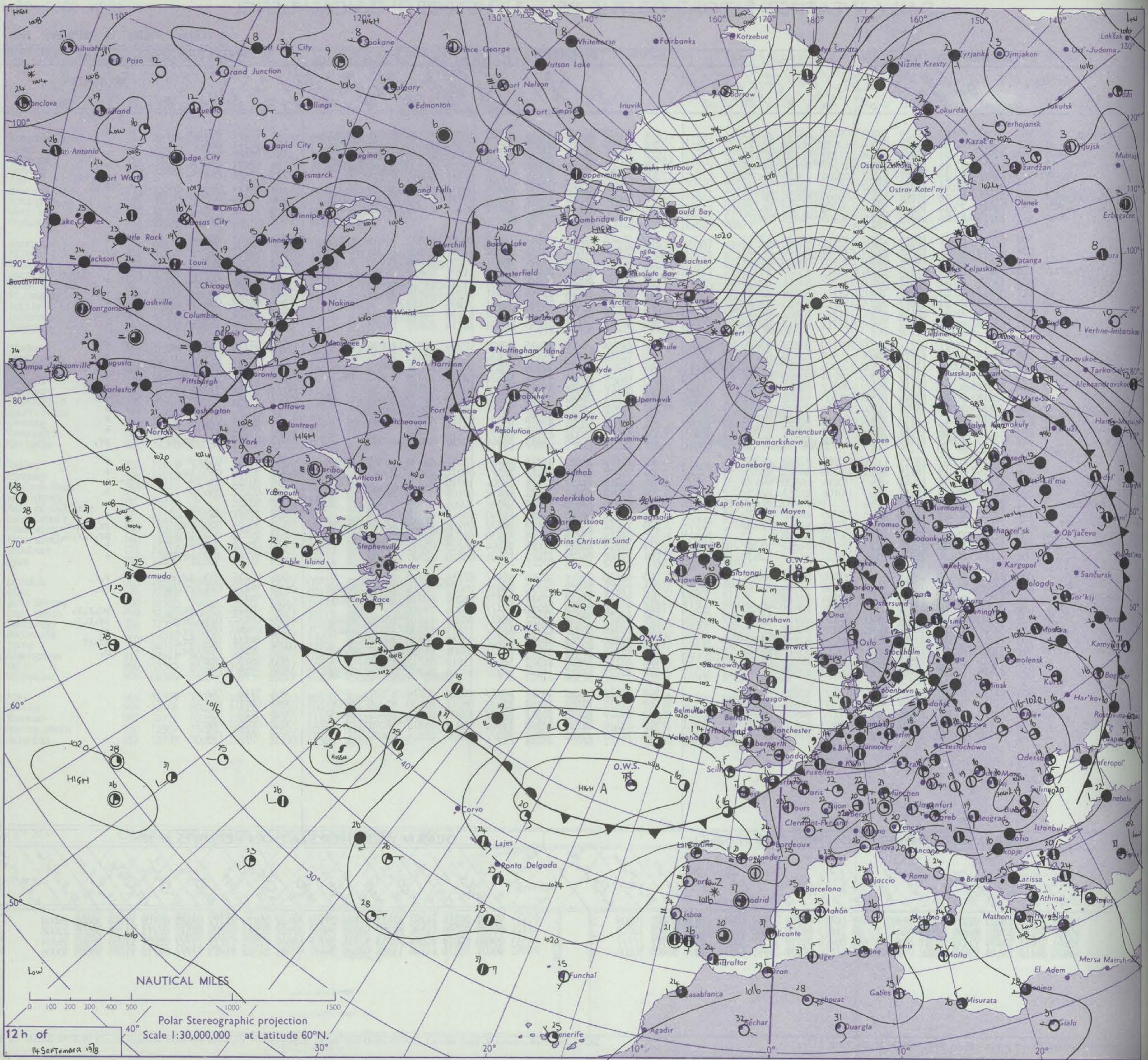
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14121	82313	98016	06911	2645/	00110	82714	/////	00110	11149	30806	19209
L	99568	70210	14124	82420	97616	03113	6732/	21623	86707	88515	0//12	11300	30405	22008
M	99661	10011	14124	71113	97612	91010	67460	00400	/////	/////	05108	11030	30303	/////
R	99470	70169	14124	23407	98021	29017	22500	00106	82820	/////	0//13	11870	30000	30005

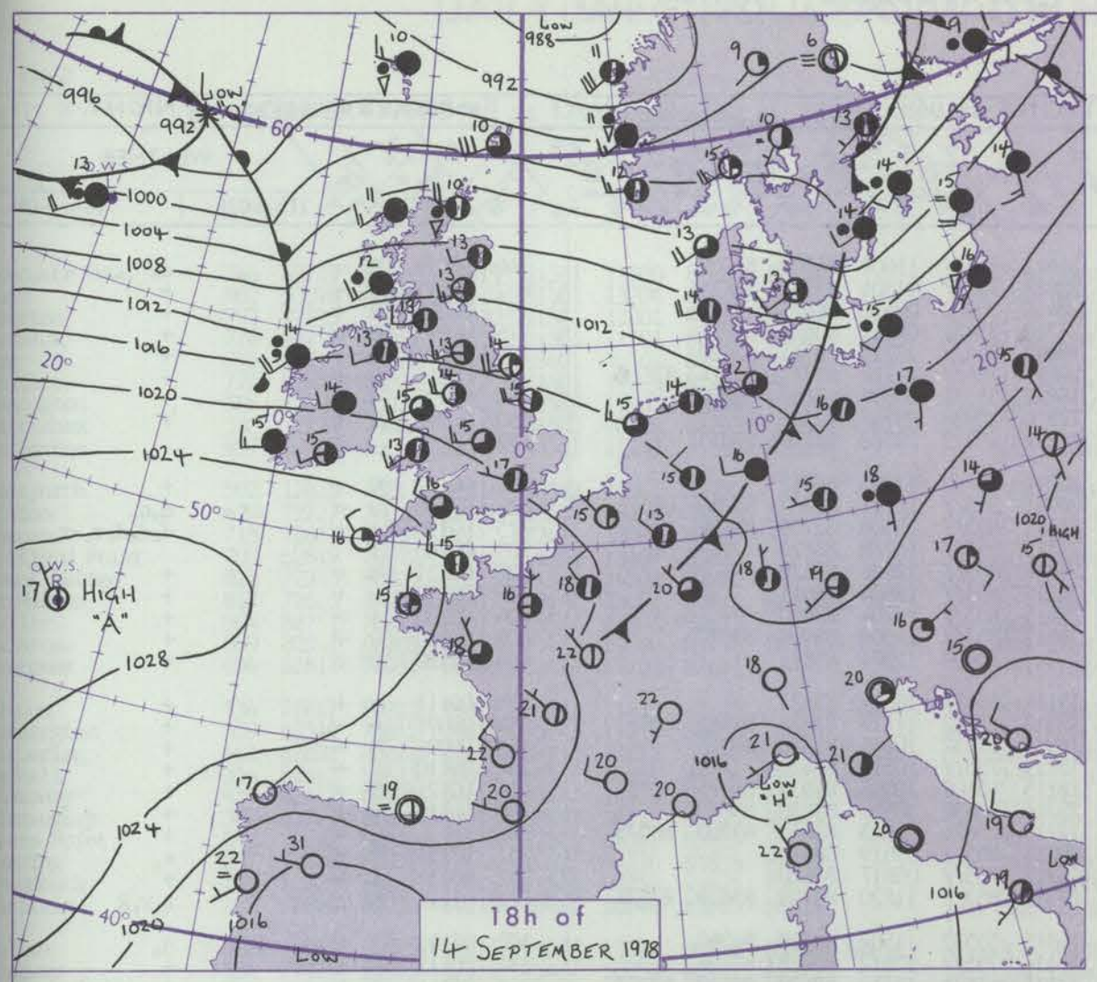
OCEAN WEATHER STATION REPORTS at 18h.

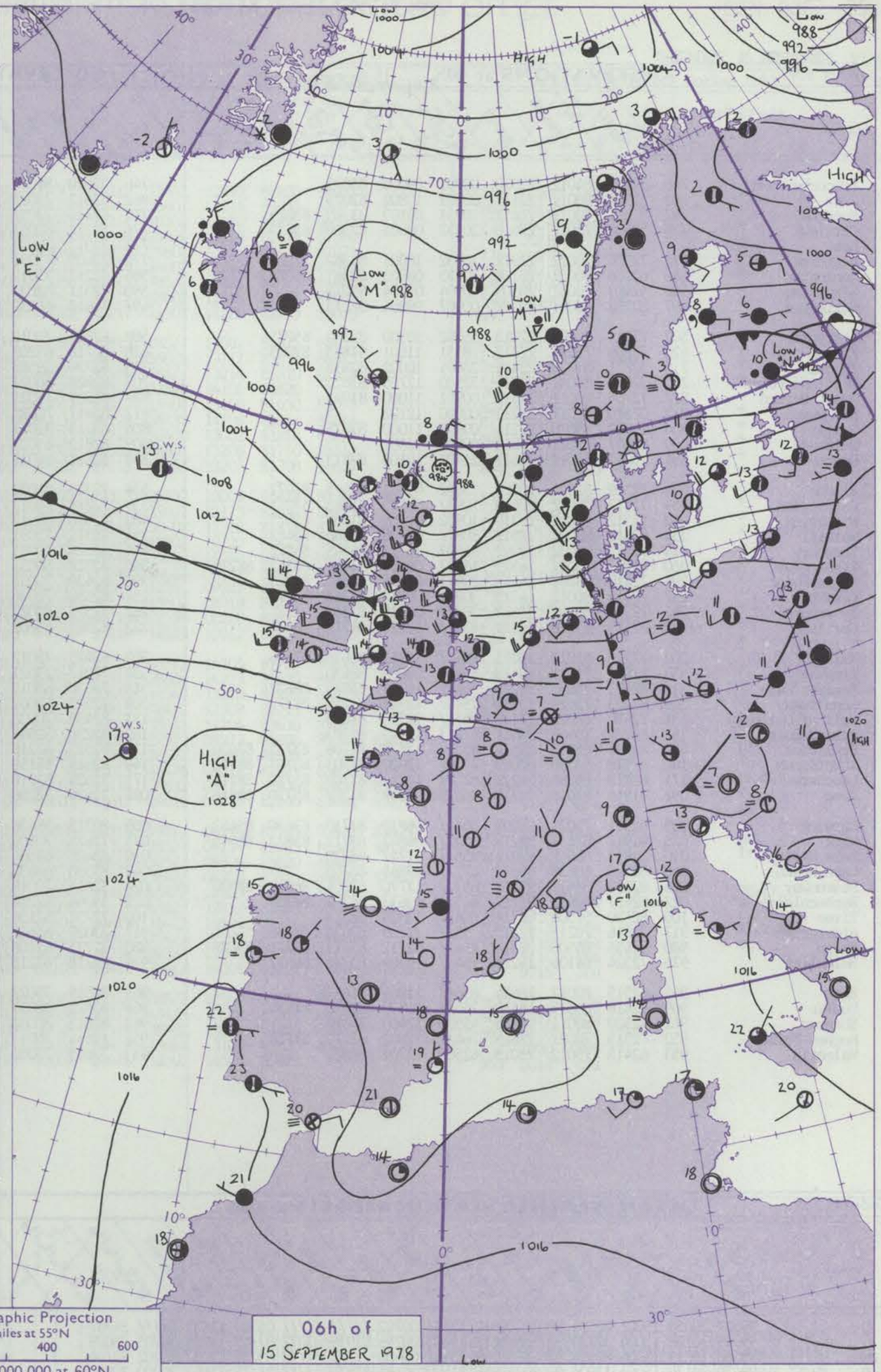
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14181	82611	97616	09110	8742/	00220	82712	88525	05108	11148	30605	24008
L	99569	70209	14184	82322	95616	99812	4722/	00811	84704	88518	0//13	11296	30505	22008
M	99660	10019	14184	70818	97028	90209	69460	22603	/////	/////	05207	11034	30303	99/04
R	99471	70170	14184	13204	98020	28617	14501	21202	81623	/////	0//12	11895	30000	30006

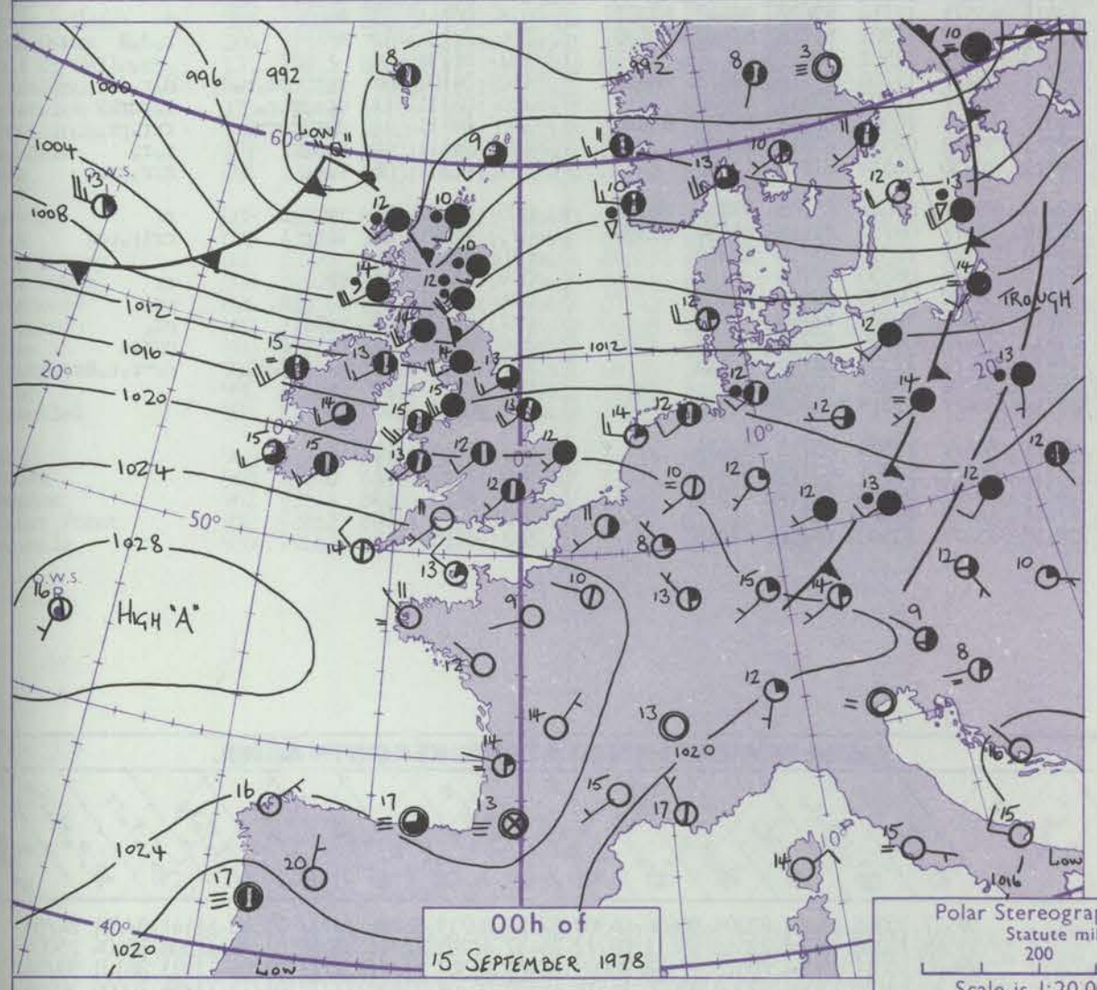
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 15 SEPTEMBER 1978

During the past 24 hours a depression north of Scotland moved slowly east and a weak ridge of high pressure crossed southern areas of England and Wales. Atlantic troughs of low pressure moved towards Scotland and Northern Ireland during the day, and a low which developed, deepened and moved east towards Orkney and Shetland.

During the next 24 hours this low is expected to continue moving east with the associated fronts crossing most areas of the British Isles. A further depression is, however, expected to develop in the East Atlantic and move towards northern Scotland. An anticyclone to the southwest will move east to Biscay, declining a little.

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

Code FM 11.V

OBSERVATIONS at 00h. 15 September 1978

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	52007	84012	22810	00901	09000	85075		
Hurn	862	22504	80011	23111	00901	10802	82075		
Manston	797	32506	70011	21811	10931	09103	81360	83075	
Gatwick	776	52406	75012	22610	20932	09002	82360	83075	
Kew									
Heathrow	772	72306	70022	21912	10932	10801	81362	87075	
Honington	586	62106	80031	20110	20935	08803	82365	86075	
Wattisham	590	52409	70031	20509	00904	07704	85075		
Gorleston	497	82207	66031	19312	00907	09804	88275		
Aberporth	502	72211	80031	22013	55702	10500	85650	85075	
Filton	628	72809	75021	22713	18531	11601	81825	87075	
Rhoose	715	32811	81028	22414	28401	10002	82818		
Hartland Point	703	32820	84031	23214	32500	12705	83820		
Mount Batten	827	12705	80011	24813	00901	11000	81075		
St.Mawgan	817	02610	82011	25213	00900	12102			
Scilly	804	13012	85020	26214	00901	11000	81075		
Culdrose	809	02807	80021	25813	00900	12002			
Guernsey	894	23010	84011	25613	21401	10106	82813		
Elmdon	534	72309	81022	20212	15632	09502	81645	87072	
Cardington	559	72112	70022	20610	10932	08605	81365	87075	
Wittering	462	52312	80012	19310	10932	09708	81368	85075	
Watnall	354	82412	68031	18512	8097/	09706	83360	88462	
Shawbury	414	72513	80032	19012	65602	10713	86645	85073	
Finningley	360	82011	75031	16513	15757	08814	81650	85362	88270
Spurn Point	396	72419	68031	16513	20971	09807	82360	87075	
Leeming	257	72112	86012	14313	30942	09812	83365	87075	
Tynemouth	262	72315	69021	11613	7097/	09819	87358		
Carlisle	222	82519	65218	11114	854//	12629	84712	88616	
Valley	302	72226	81012	18015	754//	11811	83618	87626	
Ringway	334	82011	75031	18413	856//	09805	88630		
Squires Gate	318	82425	75031	16215	854//	12717	82615	88622	
Ronaldsway	204	82423	75022	13914	25407	12723	81710	88272	
Mull of Galloway	131	72430	82022	12113	755//	12723	87625		
Eskdalemuir	162	82227	20586	09011	872//	11843	88703		
Prestwick	135	82427	65218	08514	853//	13530	81706	83712	87620
Abbotsinch	140	82318	50596	07013	7722/	13630	81705	83707	86712
Leuchars	171	82219	64586	04212	873//	10752	82708	85710	88712
Dyce	091	81916	62616	02710	853//	09846	81707	85710	88616
Lerwick	005	62311	75021	98209	3541/	06810	81710	83630	85462
Wick	075	81912	62638	99210	6542/	09847	83712	85622	88545
Sule Skerry	010	81913	68608	97011	855//	11747	88625		
Cape Wrath	049	82308	60638	95811	872//	09865	88705		
Stornoway	026	82209	56616	95312	6532/	12770	82706	86618	88550
Benbecula	022	82427	60636	97713	863//	13633	84707	88709	
Tiree	100	82430	57506	02714	864//	13824	88713		
Aldergrove	917	72416	70215	12513	755//	12709	83625	87636	
Malin	980	82435	65506	08514	864//	12712	85713	85715	85628
Belmullet	976	72324	64106	14215	754//	12509	83718	86637	
Birr	965	62515	80012	18614	656//	11804	86631		
Dublin	969	72416	80015	16414	755//	10807	81620	87630	
Shannon	962	42520	80011	20215	45500	12400	84620		
Roches Point	952	72315	70021	22615	764//	12602	83715	87718	
Valentia	953	62413	75012	23015	62500	13701	86820		

OBSERVATIONS at 06h. 15 September 1978

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	72510	81031	21612	763//	11607	84708	87709	
Hurn	862	72612	75031	22613	754//	11504	83715	87625	
Manston	797	62210	73031	20410	00902	09510	86075		
Gatwick	776	52212	80031	21310	35431	09511	83614	83075	
Kew	775	72312	80031	19812	754//	10711	85714	87620	
Heathrow	772	72409	75031	20013	754//	11712	81711	84714	87620
Honington	586	72213	75012	16912	35531	10816	83620	86070	
Wattisham	590	72311	62031	17910	20936	09715	82365	87275	
Gorleston	497	72413	66032	16212	40972	09718	84358	87075	
Aberporth	502	62619	70012	20214	664/2	12505	86812		
Filton	628	82718	65205	20715	853//	12611	82707	85710	88616
Rhoose	715	82720	59585	21115	853//	13506	82709	88616	
Hartland Point	703	82826	66021	21815	855//	13710	88620		
Mount Batten	827	82807	75021	24214	855//	12606	88620		
St.Mawgan	817	82617	70031	24215	854//	13604	88611		
Scilly	804	83113	81031	25415	855//	13704	88620		
Culdrose	809	82812	65021	24815	853//	14506	84709	88620	
Guernsey	894	52811	84031	25313	51400	11301	85812		
Elmdon	534	72313	81032	17114	55572	10514	85623		
Cardington	559	72218	64012	17513	25512	11717	82626	84465	86073
Wittering	462	62520	80012	16012	11532	10608	81820	86075	
Watnall	354	72311	75031	15213	755//	10511	87620		
Shawbury	414	62624	70021	16215	45602	10508	84635	85075	
Finningley	360	72318	80031	13714	55632	10509	85630	85075	
Spurn Point	396	62420	70031	12713	25671	10523	82630	83360	86075
Leeming	257	82530	70036	09215	855//	09619	88620		
Tynemouth	262	72522	80022	05215	755//	09617	87620		
Carlisle	222	82521	65602	07314	853//	11820	83709	85618	87635
Valley	302	62425	75012	16915	55532	11502	84628	84360	
Ringway	334	72317	75021	15114	755//	10512	85628	87636	
Squires Gate	318	72630	65012	13415	65571	11714	82620	86640	87359
Ronaldsway	204	72523	68032	12815	65432	11301	81716	83628	85650
Mull of Galloway	131	82435	70038	10013	855//	12501	88625		
Eskdalemuir	162	82230	50596	07411	884//	11204	83710	84818	88630
Prestwick	135	62525	62216	07113	684//	11303	83812	84620	
Abbotsinch	140	62619	65156	04812	684//	10309	81712	83816	85626
Leuchars	171	52524	82216	99213	38432	09512	82815	83363	
Dyce	091	22620	82256	94912	28430	08514	81818		
Lerwick	005	80315	58636	89808	7722/	07644	85705	87715	88540
Wick	075	72625	70606	88310	5547/	08727	82618	85650	87360
Sule Skerry	010	83428	64606	89910	5742/	10313	85710	88560	
Cape Wrath	049	83530	60636	93110	873//	08350	88706		
Stornoway	026	32815	70018	96111	38400	09350	82816	83630	
Benbecula	022	33044	62256	00212	32300	10337	82708		
Tiree	100	72732	62158	04413	784//	09330	82711	85815	
Aldergrove	917	73020	65616	11413	752//	12303	82705	87615	
Malin	980	32735	65108	10313	38302	10336	82709		
Belmullet	976	82718	67215	15714	864//	12319	85718	87636	
Birr	965	82518	75022	17615	864//	10504	85713	88631	
Dublin	969	82625	80031	14815	864//	11301	85719	87635	
Shannon	962	82613	80031	20215	855//	12307	83620	87630	
Roches Point	952	12414	70011	21614	16402	12500	81714		
Valentia	953	72615	75032	22415	754//	13500	82716	87635	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97091	05	+	d_o
Hurn	862	00111	09	+	+
Manston	797	00090	07	+	+
Gatwick	776	00091	06	+	+
Kew	775	00110	06	+	+
Heathrow	772	00111	09	+	+
Honington	586	00091	07	+	+
Wattisham	590	00091	05	+	+
Gorleston	497				
Aberporth	502	00111	09	+	+
Filton	628	97130	10	+	d_od_o
Rhoose	715	97130	11	+	$d_od_od_or_o-r_o$
Hartland Point	703	00140	11		
Mount Batten	827	00121	08	+	+
St.Mawgan	817	00130	10	+	+
Scilly	804	00130	11	+	+
Culdrose	809	00120	09	+	+
Guernsey	894	00130	10	+	+
Elmdon	534	00111	08	+	+
Cardington	559	00091	06	+	+
Wittering	462	00091	08	+	+
Watnall	354	00110	07	+	+
Shawbury	414	00121	09	+	+
Finningley	360	00110	09	+	+
Spurn Point	396			+	+
Leeming	257	97131	08	r_o	r_o
Tynemouth	262	00131	11	+	+
Carlisle	222	01111	09	$r_od_or_o$	r_or_oR
Valley	302	97141	12	+	d_o
Ringway	334	00111	10	+	+
Squires Gate	318	00141	12	+	+
Ronaldsway	204	02131	12	+	r_od_oR
Mull of Galloway	131	01131			
Eskdalemuir	162	04101	07	$r_or_orrd_or_od_o$	d_or_odr
Prestwick	135	05111	11	$d_or_or_or_o$	r_ordrRR
Abbotsinch	140	09111	11	d_or_odrrr	rrr_opr_o
Leuchars	171	94111	10	$r_od_or_o$	r_or_o
Dyce	091	02101	08	r_or_o	$r_or_opr_o$
Lerwick	005	11071	07	ir_o	rr
Wick	075	10091	08	irrr	$rrir_opr_o$
Sule Skerry	010	19092	08		
Cape Wrath	049	12072	07	rr	rr
Stornoway	026	10101	08	$r_or_opr_o$	pr_o
Benbecula	022	08101	10	rrRdr	pr_o
Tiree	100	04121	10	$rrid_odr$	$prpr_o$
Aldergrove	917	02121	11	$d_o-d_od_od_or_o$	$r_o-r_or_oRr_o$
Malin	980	0213	11		
Belmullet	976	0213	13		
Birr	965	0014	13		
Dublin	969	9713	11		
Shannon	962	9715	13		
Roches Point	952	9713	10		
Valentia	953	0014	13		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15001	82501	98026	08910	1252/	00702	/////	/////	05307	11151	3////	24/07
L	99569	70206	15004	32725	98258	06612	19403	00246	81910	83072	0//07	11295	30705	25009
M	99660	10019	15004	80514	97808	90209	7546/	00400	/////	/////	05208	11038	30202	99/04
R	99470	70170	15004	11904	98020	28916	11500	00101	81820	/////	0//12	11863	30000	30004

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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15061	83205	96636	04309	8722/	00719	86706	/////	05508	11141	3//01	24/06
L	99569	70206	15064	72518	98011	08712	38432	61205	82815	85360	0//09	11306	30604	25009
M	99660	10017	15064	70510	97158	90009	78400	00302	/////	/////	05206	11031	30101	99/04
R	99470	70170	15064	42206	98020	26516	48500	00708	83820	/////	0//12	11856	30000	30004

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42667

Date of Issue SATURDAY 16 SEPTEMBER 1978

OBSERVATIONS at 12h. 15 September 1978

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	62719	82025	21919	21531	11500	82825	86080	
Hurn	862	53016	80012	22819	31501	13704	83820	84075	
Manston	797	72715	75012	19820	11541	12801	81825	87078	
Gatwick	776	62717	81012	21419	21501	11501	82828	86080	
Kew	775	62715	78022	20419	18601	10102	81830	86078	
Heathrow	772	62614	80022	20720	11601	11205	81835	86075	
Honington	586	72621	80022	17318	785//	11005	82826	87633	
Wattisham	590	72724	70022	18119	58502	10208	82825	84635	87075
Gorleston	497	62722	66022	16118	44501	11203	84625	86075	
Aberporth	502	12625	75011	21516	18542	11001	81820		
Filton	628	72717	76032	22418	45538	13109	84620	86072	
Rhoose	715	72817	72036	22617	724/1	13006	87816		
Hartland Point	703	62819	74022	23916	58504	13107	85820		
Mount Batten	827	72913	80205	25018	715/1	14802	87820		
St.Mawgan	817	72616	80022	25517	684/2	14001	82812	86618	
Scilly	804	82711	78022	27017	855//	13005	88623		
Culdrose	809	82811	68205	26117	854//	14000	81713	88616	
Guernsey	894	82817	78031	26516	854//	13103	87611		
Elmdon	534	72817	80022	19317	755//	11219	87622		
Cardington	559	62519	75012	19619	656//	11212	86635		
Wittering	462	62821	80012	17618	685//	12215	85626		
Watnall	354	82612	59615	18014	853//	13231	84706	88618	
Shawbury	414	82512	69502	19116	854//	12319	81711	85615	88618
Finningley	360	62725	81016	15518	18582	08122	81825	86075	
Spurn Point	396	52732	66038	13518	32501	09311	83825	83075	
Leeming	257	72824	86031	13418	11602	07236	81835	87075	
Tynemouth	262	52828	80031	10616	11505	08251	81825	85075	
Carlisle	222	72815	82026	14115	784/1	10244	83818	86625	
Valley	302	73013	70215	19916	752//	13215	81705	83708	87616
Ringway	334	72815	65215	17915	754//	10231	82712	87618	
Squires Gate	318	73020	80012	17216	22404	11228	82818	87075	
Ronaldsway	204	72515	75036	17616	28502	12223	81822	87075	
Mull of Galloway	131	73215	80022	17215	38502	09228	81825	87075	
Eskdalemuir	162	62728	75016	12815	32432	09326	83818	85075	
Prestwick	135	53013	65158	14713	58502	11134	82824	84630	
Abbotsinch	140	62918	82028	13115	685/2	09138	82824	85635	
Leuchars	171	33020	85021	08917	28602	07262	82830		
Dyce	091	33124	86031	07114	38504	06267	82823		
Lerwick	005	42920	80018	01711	48430	06259	83815		
Wick	075	43120	70258	06711	49460	09266	81912	83815	
Sule Skerry	010	53222	81026	05912	39464	09247	83915		
Cape Wrath	049	52820	80028	06911	53405	08254	85915		
Stornoway	026	62816	80038	10613	684//	07142	85818		
Benbecula	022	72716	83038	12414	38532	09235	81820	83630	87072
Tiree	100	42714	81018	14513	38402	10237	81712	83072	
Aldergrove	917	62914	82026	17416	44501	09116	84628	85075	
Malin	980	62623	75021	16316	12402	11225	81818	86070	
Belmullet	976	82413	70036	18815	864//	13213	86717	87636	
Birr	965	82713	58506	21116	863//	14115	88709		
Dublin	969	83010	65605	19314	863//	13217	83708	87714	
Shannon	962	82615	80205	22316	863//	14212	84707	85710	86715
Roches Point	952	72812	68011	22918	11401	12002	81818	87075	
Valentia	953	72613	75022	23917	78400	14102	83819	87635	

OBSERVATIONS at 18h. 15 September 1978

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	62812	75012	24216	15502	12210	81620	86075	
Hurn	862	63109	78031	24418	35601	12114	83635	85075	
Manston	797	62810	70011	22118	18502	13120	81822	86075	
Gatwick	776	72808	68022	23418	25504	13219	82628	87080	
Kew	775	72507	60022	22918	25602	13216	82630	87075	
Heathrow	772	72507	62031	22918	24602	13217	82630	87075	
Honington	586	72608	65032	21117	785//	13221	84823	84645	
Wattisham	590	72614	60042	21117	28602	12218	81835	87075	
Gorleston	497	82810	62022	20217	21502	11229	82825	88075	
Aberporth	502	82009	72021	23815	885//	12007	81825	88635	
Filton	628	72512	72012	24516	55602	13117	85635	86075	
Rhoose	715	72812	68022	24916	784//	13214	85810	87625	
Hartland Point	703	62912	66022	24915	52541	14106	85820		
Mount Batten	827	32911	83011	25817	15601	13109	81630	83078	
St.Mawgan	817	62710	80031	26116	58432	14108	81811	84616	
Scilly	804	32710	80011	26716	38400	13002	81818	83623	
Culdrose	809	72808	70022	26516	68401	15206	81710	83818	
Guernsey	894	72812	81022	27015	6533/	13207	81708	86617	
Elmdon	534	72615	70022	21317	28432	12006	81818	83360	87075
Cardington	559	82614	60042	21817	25607	12113	82640	88275	
Wittering	462	72912	62022	21115	38402	12218	81818	83628	86075
Watnall	354	72606	80026	21114	12502	10220	81825	87075	
Shawbury	414	72616	70026	21616	55502	14210	83620	84645	87072
Finningley	360	72610	72022	19816	14632	09119	81832	87075	
Spurn Point	396	62819	66031	19016	12501	09222	81825	86075	
Leeming	257	72206	82022	18815	15602	09318	81635	87075	
Tynemouth	262	62712	80021	16715	21538	08228	82825	86275	
Carlisle	222	73010	81032	17814	18535	10212	81828	87075	
Valley	302	81810	80216	21715	853//	14205	81708	88616	
Ringway	334	72406	68032	21315	28506	14213	81820	86074	
Squires Gate	318	72616	80022	20615	18542	13212	81820	87075	
Ronaldsway	204	72511	80032	19815	784/2	12309	81713	87650	87075
Mull of Galloway	131	72908	84032	18815	35601	11104	83630	87075	
Eskdalemuir	162	62510	80028	18012	22572	08213	82820	83364	85075
Prestwick	135	72713	70038	17813	28572	10210	81825	83365	85075
Abbotsinch	140	72512	75158	17013	48476	09213	82819	83628	87272
Leuchars	171	72612	83031	15114	38632	08225	81830	83650	85362
Dyce	091	73102	86031	13612	24616	07318	82640	83462	85272
Lerwick	005	72614	65808	07310	792//	08216	83703	83912	87625
Wick	075	82808	81038	11311	25577	06117	82625	86362	88270
Sule Skerry	010	82814	81028	09611	3257/	09306	83820	88460	
Cape Wrath	049	72720	74018	10411	5847/	08208	83815	85620	87360
Stornoway	026	82307	80038	11412	4542/	07805	83618	88459	
Benbecula	022	82212	70608	12112	6542/	12812	83615	85628	88459
Tiree	100	82111	60601	14613	1642/	11804	81710	88459	
Aldergrove	917	72508	80022	19015	754//	12202	83712	87614	
Malin	980	82112	56506	16714	863//	13805	83708	87710	
Belmullet	976	72019	62105	18415	764//	14001	83711	85716	87638
Birr	965	72508	75015	22116	685/2	12307	83821	85633	
Dublin	969	72612	80036	20217	684/2	14500	81818	86630	
Shannon	962	52609	80026	22516	38502	13304	81825	83650	
Roches Point	952	52311	75031	23417	15604	13105	81635	85075	
Valentia	953	62210	70031	23616	52502	14503	85820		

OBSERVATIONS during DAY

Station	iii	RRTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00200	063	+	+
Hurn	862	00210	074	+	+
Manston	797	00210	069	+	+
Gatwick	776	00210	075	+	+
Kew	775	00210	055	+	+
Heathrow	772	00210	048	+	+
Honington	586	00190	049	+	+
Wattisham	590	00190	072	+	+
Gorleston	497		086		
Aberporth	502	00171	070	+	+
Filton	628	00190	066	+	+
Rhoose	715	00170	047	+	+
Hartland Point	703	00160	070		
Mount Batten	827	97200	063	d_o	+
St.Mawgan	817	00180	054	+	+
Scilly	804	00180	016	+	+
Culdrose	809	97180		id_o	+
Guernsey	894	00170	020	+	+
Elmdon	534	00190	048	+	+
Cardington	559	00200	052	+	+
Wittering	462	00190	042	+	+
Watnall	354	01170	031	d_or_o	+
Shawbury	414	97170	017	d_o–r_o	+
Finningley	360	97190	044	r_o	+
Spurn Point	396			pr_o	+
Leeming	257	00180	068	+	+
Tynemouth	262	00181	095	+	+
Carlisle	222	00171	071	+	+
Valley	302	97181	014	ir_o	r_o
Ringway	334	97171	012	d_o–r_o	+
Squires Gate	318	00160	057	+	+
Ronaldsway	204	97171	075	+	r_o
Mull of Galloway	131	00171			
Eskdalemuir	162	97151	065	+	pr_o
Prestwick	135	92151	045	pr_o	+
Abbotsinch	140	97161	062	pr_o	$pr_od_or_o$
Leuchars	171	00171	091	+	+
Dyce	091	97151	074	+	r_o
Lerwick	005	91111	061	pr_o	pr_o
Wick	075	92131	071	pr_o	ir_o
Sule Skerry	010	92132			
Cape Wrath	049	02122	057		
Stornoway	026	05142	038	pr_o	pr_orr
Benbecula	022	05141	042	pr_o	$pr_or_or_o$
Tiree	100	94151	054	pr_o	r_orr
Aldergrove	917	97181	062	jp	$ir_or_or_o$
Malin	980	9116	066	+	d_o
Belmullet	976	9716	004		
Birr	965	9717	006		
Dublin	969	9317	002		
Shannon	962	9118	031		
Roches Point	952	0020	099		
Valentia	953	0018	051		

OCEAN WEATHER STATION REPORTS at 12h.

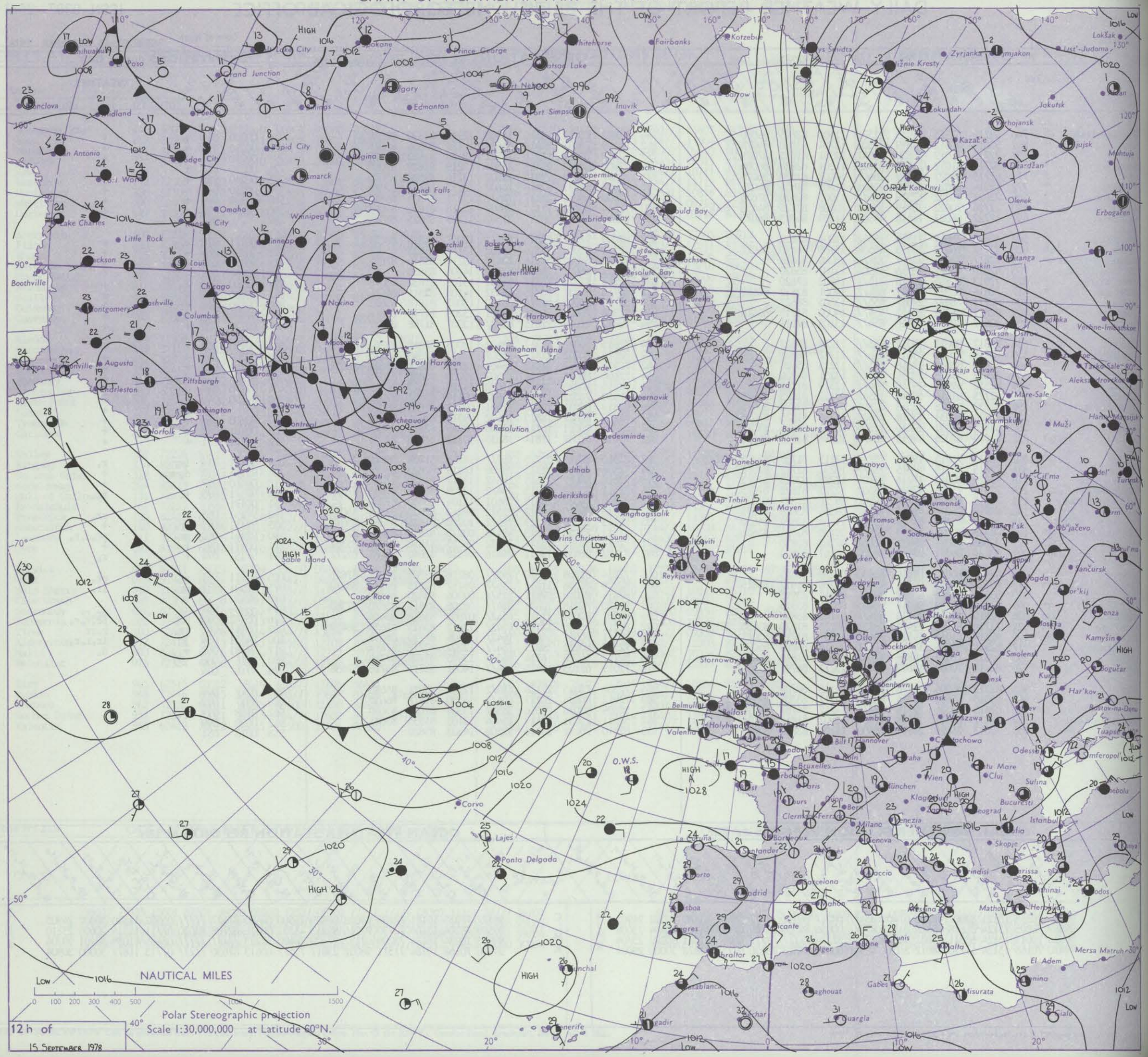
O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15121	83007	97256	07409	834//	00217	86911	/////	05507	11130	30302	24905
L	99569	70205	15124	81618	95618	04511	873//	00836	84706	88709	0//11	11305	30404	25008
M	99658	10019	15124	60311	97032	93610	59460	32224	/////	/////	05005	11021	30202	23/04
R	99470	70168	15124	51710	98012	26017	48501	00806	81823	83630	0//13	11878	30000	29004

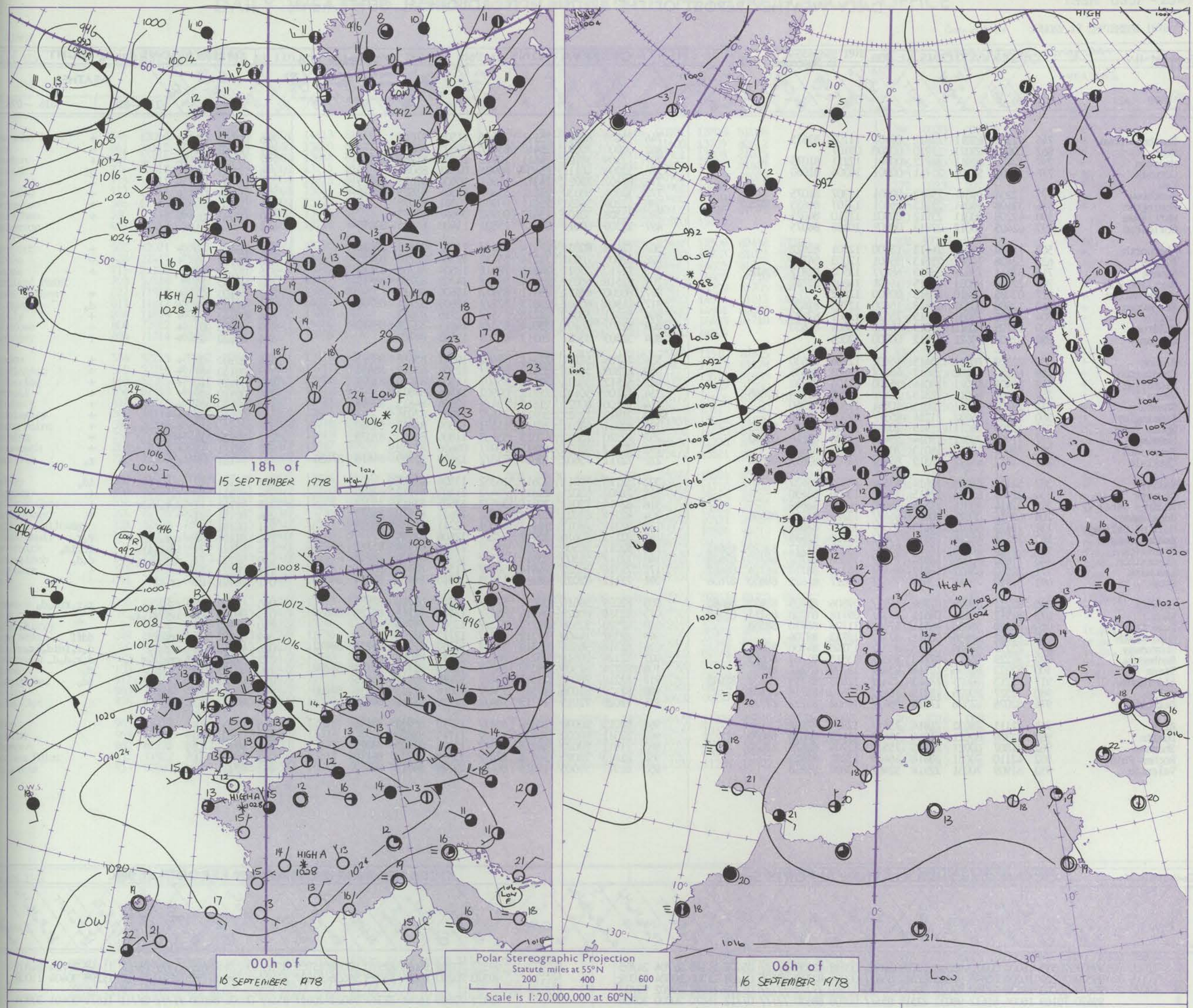
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15181	73108	98028	07809	75500	00400	87627	/////	05502	11140	30302	24905
L	99569	70204	15184	72730	97216	99213	45331	00316	82708	83630	0//11	11314	30606	25110
M	99653	10034	15184	73209	97152	97409	78400	32223	/////	/////	05105	11039	30101	99/04
R	99470	70168	15184	71511	98032	23817	755//	00613	87630	/////	0//13	11877	30000	30904

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 16 SEPTEMBER 1978

During the past 24 hours a depression near northeast Scotland moved away rapidly eastwards followed by a temporary ridge of high pressure which in turn gave way as a further depression moved from the Atlantic to off north Scotland. Pressure remained high over Southwest Approaches and France.

During the next 24 hours a depression is expected to move rapidly northeast off the north of Scotland and deepen, with a marked frontal trough moving southeast crossing all parts to reach the English Channel by tomorrow morning followed by a northwesterly flow.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 16 September 1978

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	42308	65011	25811	35401	11103	83615		
Hurn	862	00000	65021	25910	00900	09107			
Manston	797	12405	60011	24912	00901	12211	81075		
Gatwick	776	12305	57101	25711	00901	10306	81080		
Kew									
Heathrow	772	12204	59011	25013	00901	12307	81075		
Honington	586	32608	56051	23313	15601	12107	81635	83075	
Wattisham	590	42208	60011	23912	00902	11210	84075		
Gorleston	497	62405	66012	22913	00902	10208	86075		
Aberporth	502	11909	65011	24413	15500	12601	81622		
Filton	628	52406	70012	25513	56401	12003	84710		
Rhoose	715	62811	75031	25015	684//	13502	81812	85618	
Hartland Point	703	22416	80031	24915	16401	14805	81712		
Mount Batten	827	03005	65010	26313	00900	12802			
St.Mawgan	817	12008	80031	26513	15600	12705	81630		
Scilly	804	72306	75031	26915	755//	13801	87623		
Culdrose	809	12705	70011	26813	15600	13804	81630		
Guernsey	894	02807	83021	27612	00900	12004			
Elmdon	534	22310	70011	23415	15601	12204	81630		
Cardington	559	62207	58102	23812	656//	12203	86635		
Wittering	462	52408	60021	23014	55600	12104	85632		
Watnall	354	72408	60012	22315	754//	13003	81710	87645	
Shawbury	414	22405	80011	22813	10941	11501	81360		
Finningley	360	81603	65032	21214	855//	12001	88620		
Spurn Point	396	42309	66011	21413	20931	11004	82360	84075	
Leeming	257	71906	70022	19014	55432	12808	83616	85640	
Tynemouth	262	72007	69022	18013	7097/	09803	87359		
Carlisle	222	82712	65212	18315	854//	14703	83617	88624	
Valley	302	52113	75031	22614	55501	13302	85622		
Ringway	334	32105	65016	22115	35600	13000	83630		
Squires Gate	318	32414	70016	21515	25670	14000	82640		
Ronaldsway	204	62316	80026	20614	654//	13204	81712	86648	
Mull of Galloway	131	72422	80022	19113	755//	13003	87625		
Eskdalemuir	162	72216	65216	17213	756//	12810	87635		
Prestwick	135	62316	70016	17414	5543/	13502	81712	83620	85645
Abbotsinch	140	71802	70026	15914	753//	13606	81707	84710	87628
Leuchars	171	82510	80032	14212	6647/	10716	83710	86714	88462
Dyce	091	81910	70216	12611	7552/	09617	81625	84630	87656
Lerwick	005	82211	65028	07709	5827/	07806	82703	83625	88460
Wick	075	81912	59636	09511	7532/	09718	84708	86713	88540
Sule Skerry	010	82320	58636	06511	6742/	11728	86710	88558	
Cape Wrath	049	82321	60636	06011	873//	10733	88706		
Stornoway	026	82221	57586	05413	853//	13740	84706	88615	
Benbecula	022	82228	50616	07713	852//	13515	85704	88615	
Tiree	100	82223	62036	12114	854//	13709	83712	88632	
Aldergrove	917	72213	70025	18613	754//	12603	81715	83632	87645
Malin	980	72327	80026	15215	754//	12610	83718	87638	
Belmullet	976	82026	62506	17315	864//	14602	85712	87718	
Birr	965	72111	75032	21814	756//	12804	87636		
Dublin	969	72309	80021	21214	35602	12101	83630	85070	
Shannon	962	71807	80021	22115	755//	12704	82623	87630	
Roches Point	952	42110	70031	23814	46400	13802	84713		
Valentia	953	61909	70031	22914	52402	13804	85818		

OBSERVATIONS at 06h. 16 September 1978

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	68021	25111	754//	11505	87613		
Hurn	862	60000	70031	25410	654//	09603	86615		
Manston	797	72309	56101	24611	10941	10500	81364	87075	
Gatwick	776	52004	40111	25407	00901	07301	85080		
Kew	775	62107	78021	24312	15501	10604	81625	86075	
Heathrow	772	32006	60030	24212	15501	11504	81625	83075	
Honington	586	52208	56051	23211	00902	10301	85075		
Wattisham	590	72308	30101	23410	00902	09601	87075		
Gorleston	497	32306	60011	22613	15501	11400	81625	83075	
Aberporth	502	72108	60031	22814	784//	13707	83815	87626	
Filton	628	62609	70031	24214	55431	12504	82710	83625	
Rhoose	715	72710	75021	24015	783/1	13504	81708	87618	
Hartland Point	703	82518	66031	23514	884//	14708	83710	88615	
Mount Batten	827	80000	45401	25411	854//	11606	88615		
St.Mawgan	817	81908	60501	25013	872//	12609	82704	88705	
Scilly	804	72011	75022	24215	755//	12716	87623		
Culdrose	809	82307	60101	25014	853//	14611	82708	88610	
Guernsey	894	52305	83021	26513	46201	13503	84705		
Elmdon	534	71706	57101	22911	55402	10501	85618	86075	
Cardington	559	62309	50101	23513	654//	12501	83712	86635	
Wittering	462	62612	58032	22312	35601	11502	83640	83075	
Watnall	354	72106	50102	21712	00902	11504	87072		
Shawbury	414	72106	80021	21614	754//	12504	84615	87618	
Finningley	360	71912	72022	20213	755/2	12502	87626		
Spurn Point	396	52311	68031	20214	11571	12504	81825	84360	
Leeming	257	72520	75022	17815	35632	11806	83640	87075	
Tynemouth	262	72312	81022	15815	7097/	09606	87358		
Carlisle	222	72711	75602	16614	753//	12609	81709	84618	87630
Valley	302	32118	60011	20614	16352	13506	81707		
Ringway	334	71807	62021	21313	754/2	11503	81712	87630	
Squires Gate	318	62414	75011	20314	38472	13505	82815	84075	
Ronaldsway	204	42314	81021	18314	18402	12611	81818	84075	
Mull of Galloway	131	62314	76011	16113	45601	12711	84630	86075	
Eskdalemuir	162	82112	50616	15912	872//	12606	88704		
Prestwick	135	82011	68506	15014	854//	12608	81714	87717	88622
Abbotsinch	140	72117	56505	13514	753//	12509	82708	86713	
Leuchars	171	72316	70022	11814	5643/	11502	85712	86362	
Dyce	091	72112	82022	08214	15632	11510	81635	85364	86075
Lerwick	005	82029	56616	00611	5712/	11747	85702	88535	
Wick	075	82316	80026	04314	854//	12512	82715	85620	88640
Sule Skerry	010	82520	32536	01213	872//	13505	88705		
Cape Wrath	049	82332	14406	01212	872//	12712	88703		
Stornoway	026	82318	56526	03314	852//	13707	82704	86706	88612
Benbecula	022	82124	20516	05213	860//	13817	88701		
Tiree	100	82224	62505	09214	862//	13714	82703	85705	88708
Aldergrove	917	82218	70032	15614	854//	12714	85712	88618	
Malin	980	82127	81036	12315	7547/	13616	82715	87638	87460
Belmullet	976	72026	72015	12715	764//	12728	86718	86636	
Birr	965	82013	80032	18314	864//	12719	85712	88636	
Dublin	969	82311	80032	18614	855//	11714	88626		
Shannon	962	71911	80022	18215	755/2	12623	87625	83075	
Roches Point	952	81813	70025	20614	864//	13619	82711	88715	
Valentia	953	81917	59505	19015	864//	13719	84712	88632	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_h$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00100	05	+	+
Hurn	862	00060	04	+	+
Manston	797	97100	07	+	+
Gatwick	776	00070	04	jf	jf
Kew	775	00100	03	+	+
Heathrow	772	00100	05	+	+
Honington	586	00110	09	+	+
Wattisham	590	00090	06	+	+
Gorleston	497				
Aberporth	502	00121	10	+	+
Filton	628	00130	10	+	+
Rhoose	715	00140	12	+	+
Hartland Point	703	00130	13		
Mount Batten	827	00100	07	+	+
St.Mawgan	817	97120	08	+	d_o
Scilly	804	00140	10	+	+
Culdrose	809	00120	07	+	+
Guernsey	894	00120	05	+	+
Elmdon	534	00100	08	+	+
Cardington	559	00110	07	+	+
Wittering	462	00120	10	+	+
Watnall	354	00110	09	+	+
Shawbury	414	00120	07	+	+
Finningley	360	00110	07	+	+
Spurn Point	396			+	+
Leeming	257	00130	13	+	+
Tynemouth	262	00131	11	+	+
Carlisle	222	97131	09	r_o	r_o
Valley	302	97131	12	+	id_o
Ringway	334	97111	10	r_o	+
Squires Gate	318	92141	11	d_or_odrDr	+
Ronaldsway	204	00131	11	+	+
Mull of Galloway	131	00131			
Eskdalemuir	162	01101	06	r_or_o	r_or_o
Prestwick	135	93121	11	$id_or_oir_o$	ir_oid_o
Abbotsinch	140	92121	11	$d_or_od_or_o$	d_od_o
Leuchars	171	00121	11	+	+
Dyce	091	01101	09	rr_or_o	+
Lerwick	005	05092	08	r_or_o	$r_or_orrd_od_o$
Wick	075	09101	08	$ir_orrr_or_o$	+
Sule Skerry	010	15102	09		
Cape Wrath	049	18092	09	rrddff	ddff
Stornoway	026	11112	10	rrd_or_o	$d_or_oididoir_o$
Benbecula	022	03131	13	$rrr_or_od_or_o$	$d_or_od_od_o$
Tiree	100	97131	13	ir_od_o	d_o
Aldergrove	917	97131	11	+	id_o
Malin	980	9114	12		
Belmullet	976	9714	13		
Birr	965	0013	12		
Dublin	969	0013	10		
Shannon	962	9714	11		
Roches Point	952	9713	11		
Valentia	953	9714	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	$N_hC_LhC_MC_H$	$D_sv_s$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	16001	33110	98018	10709	32600	00218	83839	/////	05404	11146	3//04	24/05
L	99570	70202	16004	82619	97606	02012	854//	00004	82712	88625	0//08	11300	30504	21009
M	99647	10043	16004	72709	97022	00810	78400	32116	/////	/////	05205	11091	30202	99/0
R	99470	70169	16004	81612	98032	22518	855//	00709	88630	/////	0//12	11870	30000	30904

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$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	16061	82910	98038	15909	855//	00224	88629	/////	05304	11148	3//04	24/05
L	99570	70200	16064	83223	96636	92807	7742/	00756	87710	88520	0//07	11299	30404	21008
M														
R	99471	70169	16064	82317	98022	20817	855//	00502	88630	/////	0//11	11871	30401	30904

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

42668

Date of Issue SUNDAY 17 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 16 September 1978

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	12014	75011	23419	11401	14813	81816		
Hurn	862	32112	75011	24319	31540	13810	83822		
Manston	797	32114	80011	23420	11501	13814	81825	83078	
Gatwick	776	22012	75011	24419	11501	13715	81824		
Kew	775	12111	75021	23319	00901	13815	81075		
Heathrow	772	12011	73021	23120	11501	13815	81825		
Honington	586	62113	77022	21119	00902	13820	86075		
Wattisham	590	52114	64031	21820	00902	13814	85075		
Gorleston	497	42112	58031	20918	00904	12718	84075		
Aberporth	502	72021	68025	20216	754//	13720	87615		
Filton	628	22411	75021	23019	11501	14811	81825		
Rhoose	715	22106	78011	23018	11402	13812	81815		
Hartland Point	703	52518	66032	21716	38541	13817	81820	84075	
Mount Batten	827	71911	57052	24316	755//	15807	87620		
St.Mawgan	817	11817	59015	22917	16402	14811	81710		
Scilly	804	11814	60021	23218	11400	15709	81818		
Culdrose	809	72012	57102	24015	782//	15808	81703	87612	
Guernsey	894	71714	63022	25515	761//	13808	83702	86703	
Elmdon	534	52215	70012	20619	25441	13819	82618	83075	
Cardington	559	52214	67012	21621	00901	13717	85080		
Wittering	462	52315	70012	20120	00902	13818	85075		
Watnall	354	62213	64012	19518	32532	12717	83820	86070	
Shawbury	414	62314	80012	19018	55441	13721	85618		
Finningley	360	72114	78022	18019	25502	13821	82622	87075	
Spurn Point	396	32314	62011	18518	10972	15716	81360	83075	
Leeming	257	72116	82022	16217	754//	11819	87619		
Tynemouth	262	72018	80022	13117	2567/	11827	82630	87358	
Carlisle	222	72315	81026	13715	785//	13726	81820	87624	
Valley	302	81932	70025	17416	854//	13824	82710	88622	
Ringway	334	72017	70022	18517	784//	13720	81816	87620	
Squires Gate	318	72213	82012	17417	68442	15722	81815	83625	85650
Ronaldsway	204	82124	62601	14415	853//	13735	87708	88624	
Mull of Galloway	131	82136	76032	10115	5551/	12539	85625	88458	
Eskdalemuir	162	82024	62216	11913	854//	11730	84710	88624	
Prestwick	135	71922	68605	09914	754//	12737	83715	86624	
Abbotsinch	140	72025	75025	08315	754//	12734	83616	87620	
Leuchars	171	72424	75022	07216	754//	11733	83715	87620	
Dyce	091	72122	81022	03715	6547/	12738	81712	86616	87362
Lerwick	005	82025	30516	96613	852//	13833	85704	86615	88656
Wick	075	72024	89022	98015	2547/	12749	82618	83359	87462
Sule Skerry	010	82032	60025	94913	5632/	13746	85708	88460	
Cape Wrath	049	82344	60604	94213	872//	11756	88703		
Stornoway	026	81941	30616	90713	852//	11894	83704	85709	88615
Benbecula	022	81945	30636	92413	861//	13893	83702	85704	88707
Tiree	100	81933	59586	00215	854//	12763	81710	86616	88622
Aldergrove	917	82319	80025	11115	854//	12727	82712	86615	88620
Malin	980	72136	81022	03817	784//	12851	84715	87635	
Belmullet	976	82035	57588	07515	863//	14520	85709	88712	
Birr	965	72217	82012	14817	764//	12619	85714	86634	
Dublin	969	62321	82022	14117	555/2	11527	85622	83070	
Shannon	962	62225	82012	14619	55501	13819	85624	83075	
Roches Point	952	71922	70026	18816	754//	13613	83711	87627	
Valentia	953	82023	64255	17016	885//	14811	82823	83645	88657

OBSERVATIONS at 18h. 16 September 1978

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	12112	62010	21116	00901	13708	81078		
Hurn	862	22311	58051	21816	21400	13709	82812		
Manston	797	12014	62020	20716	00901	13608	81075		
Gatwick	776	12113	75010	21317	15401	13707	81615		
Kew	775	12114	80020	20018	00901	13708	81075		
Heathrow	772	12113	72020	19919	00901	13609	81080		
Honington	586	12116	75021	17120	00902	12618	81075		
Wattisham	590	12118	65021	17919	00902	12616	81075		
Gorleston	497	02112	64020	16521	00900	13716			
Aberporth	502	72316	68012	18915	2545/	12509	82618	87360	
Filton	628	42716	62030	20117	48500	13703	81825	83645	
Rhoose	715	72615	62031	20317	784//	14805	81813	87622	
Hartland Point	703	72625	60021	19816	754//	14605	84710	86625	
Mount Batten	827	82210	40052	22315	852//	15709	81705	84710	88618
St.Mawgan	817	62513	64011	21816	68400	14504	81812	86618	
Scilly	804	62609	62031	22216	68500	14601	82820	86625	
Culdrose	809	62607	56002	22016	684//	16605	81710	86618	
Guernsey	894	02705	59051	23318	00900	14604			
Elmdon	534	32416	70031	17218	25501	11510	82625		
Cardington	559	12118	70011	17720	00901	12612	81078		
Wittering	462	12515	70031	16219	11601	13512	81835		
Watnall	354	12515	80021	15817	12600	11507	81830		
Shawbury	414	72219	70031	16516	784//	11608	81815	87620	
Finningley	360	22324	78021	13817	28642	10510	81830		
Spurn Point	396	22326	66010	13519	11531	13614	81820		
Leeming	257	32328	75011	10816	35502	11620	81625		
Tynemouth	262	42718	69011	07316	35630	12723	83630	84359	
Carlisle	222	72322	65012	07915	754//	13621	82712	85620	86640
Valley	302	82130	64026	15315	855//	13501	85622	88630	
Ringway	334	71915	80031	15317	785//	11710	81828	87630	
Squires Gate	318	72432	75021	13516	755//	13615	82622	87635	
Ronaldsway	204	72315	70216	12015	753/2	13502	81708	85713	85620
Mull of Galloway	131	73230	81252	11413	28592	10331	81820	84360	87070
Eskdalemuir	162	72531	58606	07911	754//	10504	85710	87630	
Prestwick	135	72726	61026	08913	38372	09325	81707	83359	85075
Abbotsinch	140	52520	70016	07411	28432	09233	82818	84360	
Leuchars	171	52630	82256	01414	18532	06301	81820	84072	
Dyce	091	22518	89018	97715	11531	05301	81826		
Lerwick	005	82055	58608	76910	872//	098118	85703	88708	
Wick	075	62438	70258	89812	684//	06501	81712	85818	
Sule Skerry	010	82560	06412	83411	5632/	10507	85708	88460	
Cape Wrath	049	82750	57618	86711	872//	08328	88704		
Stornoway	026	72635	50818	94411	783//	07348	81706	85815	85635
Benbecula	022	32641	63256	99912	32402	07246	83815		
Tiree	100	52630	60158	05412	58500	07233	84820		
Aldergrove	917	52716	70016	12713	15431	08239	81615	83360	85070
Malin	980	52732	70026	10113	52402	08228	85818		
Belmullet	976	42624	70018	15513	38402	08227	81718		
Birr	965	72811	75016	17014	664/2	11328	83716	84633	85070
Dublin	969	82915	57615	14615	854//	13322	85712	88635	
Shannon	962	63014	66016	18414	38402	10234	81712	83625	85070
Roches Point	952	72314	75012	18016	46401	14500	84712	87075	
Valentia	953	63210	70018	20014	12532	11228	81822	85068	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00200	101	+	+
Hurn	862	00190	065	+	+
Manston	797	00220	107	+	+
Gatwick	776	00200	094	+	+
Kew	775	00220	109	+	+
Heathrow	772	00230	108	+	+
Honington	586	00220	105	+	+
Wattisham	590	00220	083	+	+
Gorleston	497		104		
Aberporth	502	97161	019	id_o	ir_o
Filton	628	00210	067	+	+
Rhoose	715	00210	053	+	+
Hartland Point	703	00170	052		
Mount Batten	827	00160	001	+	+
St.Mawgan	817	00200	064	+	+
Scilly	804	00191	048	+	+
Culdrose	809	00160	002	+	+
Guernsey	894	00190	046	+	+
Elmdon	534	00210	079	+	+
Cardington	559	00240	103	+	+
Wittering	462	00230	099	+	+
Watnall	354	00210	064	+	+
Shawbury	414	00200	059	+	+
Finningley	360	00210	089	+	+
Spurn Point	396			+	+
Leeming	257	97191	027	+	d_or_o
Tynemouth	262	01181	006	+	pr
Carlisle	222	92161	004	+	rr_o
Valley	302	97171	012	id_or_o	d_or_o
Ringway	334	00190	053	+	+
Squires Gate	318	92191	035	+	r_orR
Ronaldsway	204	01161	009	r_o	ir_oR
Mull of Galloway	131	97151			
Eskdalemuir	162	02141	000	r_oir_o	$r_or_orir_o$
Prestwick	135	02171	002	r_o	$r_od_or_odrr_or_o$
Abbotsinch	140	03161	010	$id_od_or_o$	$d_or_orrpr_o$
Leuchars	171	97171	010	r_o	r_opr_o
Dyce	091	97181	009	$d_oid_or_o$	d_opr_o
Lerwick	005	04132	000	ddd_or_o	$irprr_or_o$
Wick	075	91161	018	pr_o	pr_o
Sule Skerry	010	97152			
Cape Wrath	049	01132		$ffir_oiDir$	ir_opr_o
Stornoway	026	06142	005	$d_or_oir_oir$	pr_opr
Benbecula	022	02141	007	$d_od_or_or_orr$	ir_opr_o
Tiree	100	01151	020	$ir_od_or_oR$	pr_o
Aldergrove	917	01171	003	r_o	r_oR
Malin	980	0117	020		
Belmullet	976	0116	019		
Birr	965	9318	009		
Dublin	969	9418	026		
Shannon	962	9119	013		
Roches Point	952	9717	011		
Valentia	953	9317	001		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

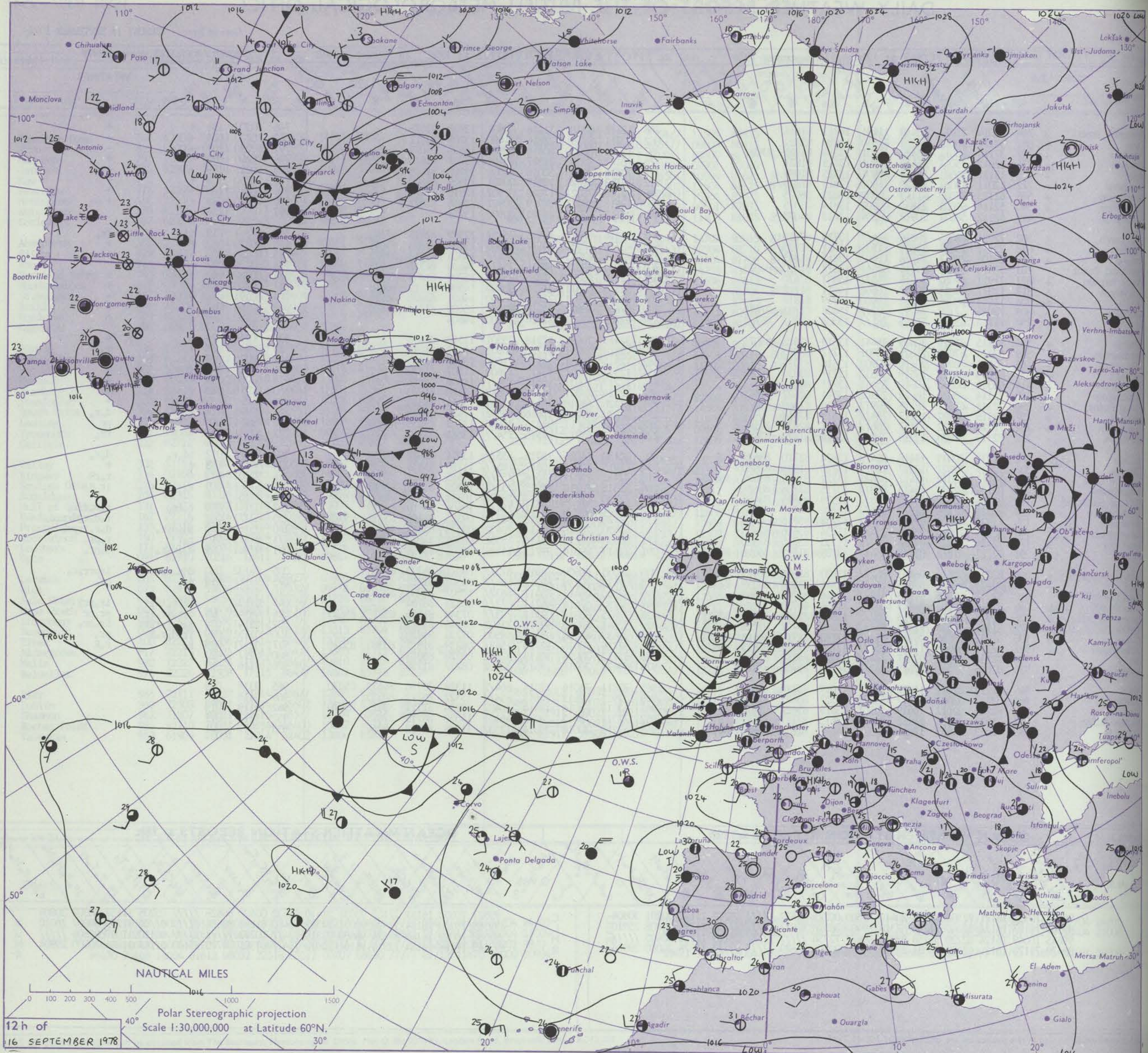
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_v$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16121	72505	98022	20410	75500	00225	87632	/////	05202	11142	30201	30804
	99569	70197	16124	52840	97258	02310	59400	00370	84912	/////	0//06	11296	30808	25910
	99645	10049	16124	82220	97258	98010	894//	72734	/////	/////	05109	11126	30405	/////
	99470	70170	16124	62509	98031	22518	65600	00208	86633	/////	0//13	11876	30000	29904

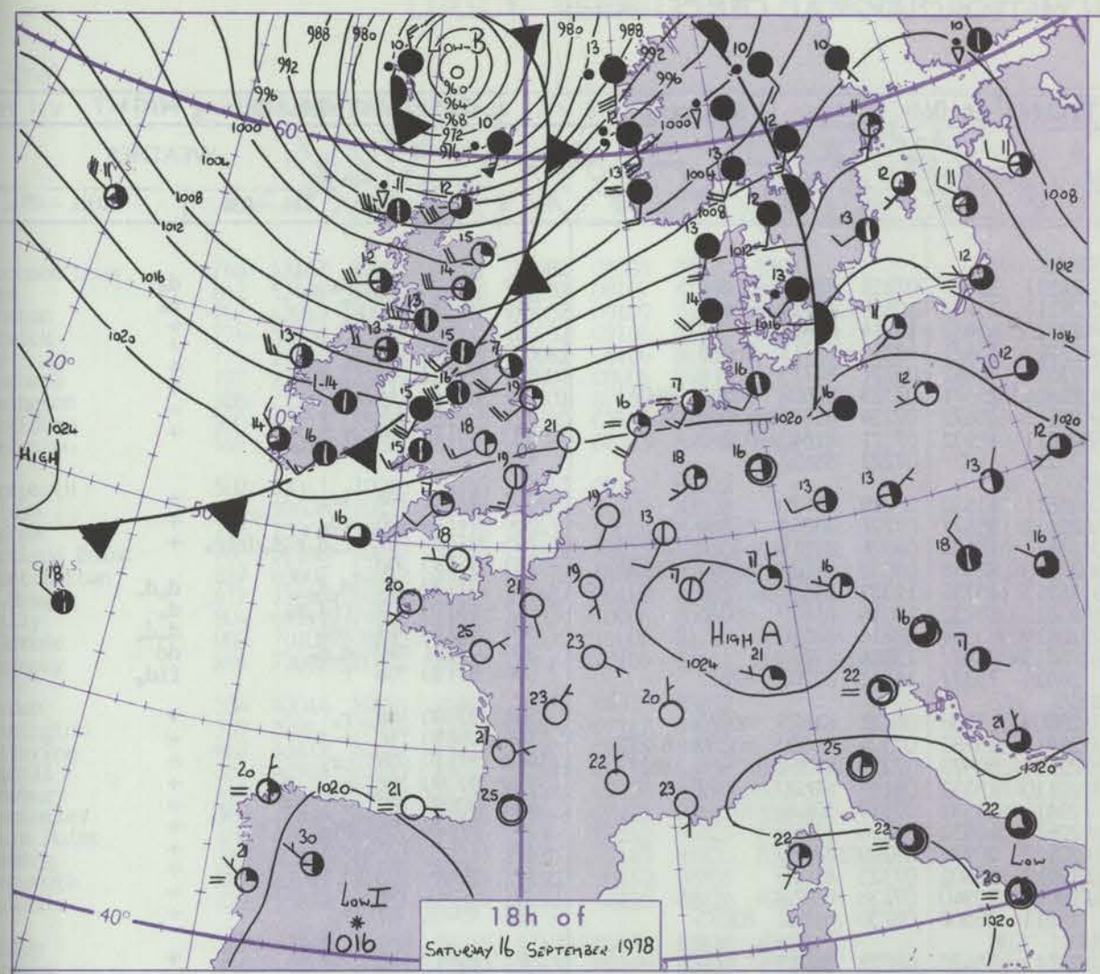
OCEAN WEATHER STATION REPORTS at 18h.

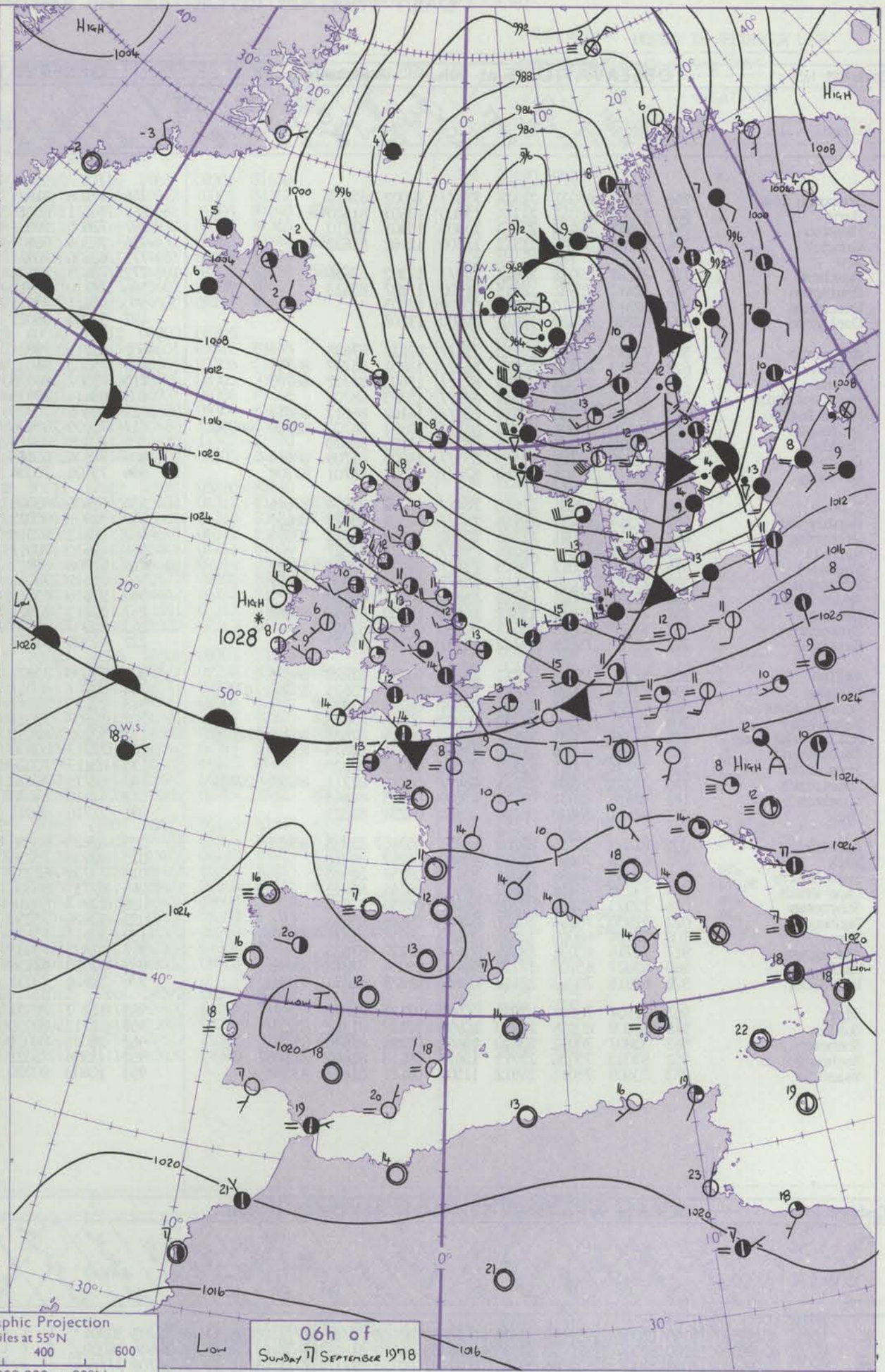
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_vs_v$app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16181	72107	98031	21410	65532	00400	86628	/////	05205	11157	30302	30804
	99569	70200	16184	52928	98031	14311	58400	61248	83818	/////	0//04	11295	30807	26010
	99650	10039	16184	81624	96636	83310	874//	00777	/////	/////	00110	11047	30606	/////
	99469	70168	16184	72910	96161	22618	764//	61301	84710	85633	0//17	11884	30000	29904

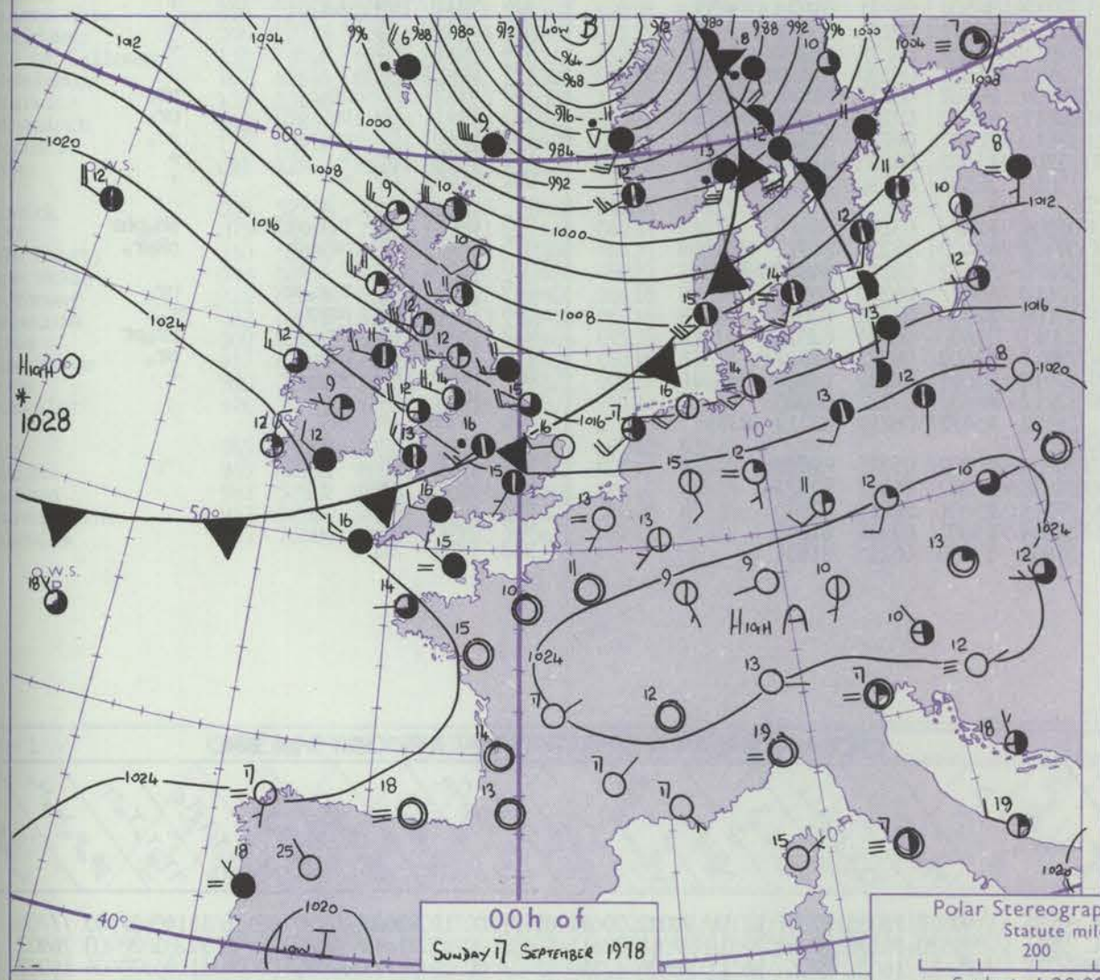
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 17 SEPTEMBER 1978

During the past 24 hours a depression to the northwest of Ireland deepened rapidly as it moved rather quickly northeastwards just south of the Faeroes to near the Norwegian coast. The associated cold front moved quickly southeast across the British Isles. An anticyclone in mid-Atlantic moved quickly east to be centred just west of Ireland.

During the next 24 hours the depression off the Norwegian coast will transfer eastwards to the northern Baltic and the anticyclone just west of Ireland will intensify as it moves slow southeast, so maintaining a northwesterly airflow over the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. 17 September 1978

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	72408	65031	21314	754//	12002	87614		
Hurn	862	12505	58051	21714	15500	13603	81620		
Manston	797	22411	68030	20714	26400	13301	82710		
Gatwick	776	12305	58101	21512	15500	12102	81622		
Kew									
Heathrow	772	72207	59031	20615	755//	13302	87626		
Honington	586	52412	75031	18515	55500	11207	85623		
Wattisham	590	02313	60010	19013	00900	12303			
Gorleston	497	02708	66020	17616	00900	11207			
Aberporth	502	73113	68016	22113	756//	07223	87638		
Filton	628	82613	68031	20615	863//	13801	84707	88711	
Rhoose	715	82714	28586	20715	871//	15602	86702	88703	
Hartland Point	703	82718	20525	21515	871//	15303	88702		
Mount Batten	827	82805	60032	22916	854//	14102	86612	88617	
St.Mawgan	817	82610	30501	23215	871//	15302	84702	86706	88710
Scilly	804	82810	79021	23916	855//	14105	88620		
Culdrose	809	82805	58101	23415	853//	14005	81709	88614	
Guernsey	894	83010	35101	23815	870//	15301	85701	87702	
Elmdon	534	72414	68601	18616	784//	12307	82814	87616	
Cardington	559	72314	62031	19116	755//	12301	85625	86650	
Wittering	462	72515	75031	17515	55502	12302	85622	83075	
Watnall	354	72911	66211	18214	755//	09321	87627		
Shawbury	414	73606	80012	19513	754//	08320	83611	87622	
Finningley	360	72713	81028	17413	656/2	08332	82630	86657	
Spurn Point	396	62822	66021	15515	656//	10217	86630		
Leeming	257	72513	81016	15512	15631	07130	81630	86368	
Tynemouth	262	32624	80028	13512	30930	07229	83359		
Carlisle	222	32720	75026	14112	18531	07129	81822		
Valley	302	52918	75016	20712	28531	08221	81820	84075	
Ringway	334	72714	80026	18613	35532	08327	83625	85366	87070
Squires Gate	318	42923	70036	18314	32501	08228	83822		
Ronaldsway	204	72721	75016	18712	00902	06228	87073		
Mull of Galloway	131	62731	80021	16612	25542	08219	82625	84360	86070
Eskdalemuir	162	52531	80256	11910	49402	06021	82915	83630	
Prestwick	135	32731	70011	12212	38540	09302	82820		
Abbotsinch	140	72521	58808	11611	784//	08219	82711	84816	87624
Leuchars	171	42618	82031	07811	45600	05223	84645		
Dyce	091	12411	86020	05010	18500	04234	81825		
Lerwick	005	82845	58216	89209	852//	053107	83703	88622	
Wick	075	42828	70158	01410	42400	06267	84816		
Sule Skerry	010	63240	58154	98811	634//	09257	86910		
Cape Wrath	049	53230	74818	00610	59400	09244	85915		
Stornoway	026	22923	75258	07109	28400	09258	82812		
Benbecula	022	52930	70258	10711	52400	09166	85816		
Tiree	100	32924	66018	13511	38400	09353	81818	83650	
Aldergrove	917	72716	80031	18211	756//	07220	87633		
Malin	980	42827	65108	17212	48430	09234	81818	83645	
Belmullet	976	62816	76018	22112	685//	06229	82821	85640	
Birr	965	32707	70011	22909	00902	07122	83070		
Dublin	969	32609	80016	21210	10938	07127	81362	83270	
Shannon	962	32807	70012	23810	15602	08224	81630	83070	
Roches Point	952	83012	75038	23912	15677	09218	81640	88275	
Valentia	953	33609	75011	24912	11502	08221	81822	83070	

OBSERVATIONS at 06h. 17 September 1978

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	73106	81025	24511	15582	07224	81625	83360	
Hurn	862	70111	65016	24114	7543/	10319	83712	86620	
Manston	797	72605	59031	22313	65432	12314	86613		
Gatwick	776	72504	58101	23213	754/1	13315	85711	86635	
Kew	775	63606	70021	23514	46442	06321	84715		
Heathrow	772	73405	72032	23414	25571	07323	82628	83360	86075
Honington	586	72710	80012	22112	35672	07224	81640	83656	86362
Wattisham	590	62811	75011	22111	15632	07221	81640	83362	
Gorleston	497	53005	66021	21213	558//	07222	85657		
Aberporth	502	23211	75021	25511	11532	07219	81820		
Filton	628	73505	84032	25112	3567/	07226	83645	87359	
Rhoose	715	73302	80026	25111	18438	08326	81815	84362	87275
Hartland Point	703	63614	70035	24913	38551	09318	81825	83645	86075
Mount Batten	827	73606	70025	25213	15738	12322	81650	87280	
St.Mawgan	817	73609	80026	25612	18432	10216	81810	86075	
Scilly	804	30309	75015	26414	25501	08216	82620		
Culdrose	809	70204	60055	25713	755//	12316	87620		
Guernsey	894	73106	70034	24914	753//	14311	82707	87612	
Elmdon	534	62606	80016	23809	15538	06221	81625	86075	
Cardington	559	72908	80022	23212	15788	07324	81650	83359	87272
Wittering	462	62812	82018	22111	50978	07215	81362	85465	86273
Watnall	354	42610	70011	22110	15532	08115	81620	83072	
Shawbury	414	52708	81012	23410	25532	07319	82626	83075	
Finningley	360	12612	78011	20611	10932	08216	81360		
Spurn Point	396	22616	65011	20112	20970	08220	82360		
Leeming	257	22813	81021	19911	18502	07325	81825		
Tynemouth	262	32307	80020	18011	30940	07238	83358		
Carlisle	222	42505	81011	19811	28502	08230	81822	83075	
Valley	302	13008	75021	24511	15470	08222	81615		
Ringway	334	32707	68011	22712	38501	08221	81820	83635	
Squires Gate	318	73015	81011	22613	685/1	09226	85822		
Ronaldsway	204	12807	75011	22911	18501	08225	81820		
Mull of Galloway	131	53220	82031	21911	15531	09230	81620	83359	85070
Eskdalemuir	162	72917	80038	18809	28402	05231	81818	87075	
Prestwick	135	63117	70028	19812	18542	07226	81822	86075	
Abbotsinch	140	62715	70028	18610	28432	06226	82819	85075	
Leuchars	171	42610	84030	15709	15602	04235	81630	84072	
Dyce	091	22716	86011	12810	28531	03130	81828		
Lerwick	005	62828	62036	01508	624//	03142	86815		
Wick	075	42930	75258	09308	49400	05239	81912	83815	
Sule Skerry	010	73239	62251	06810	59462	08127	84910	86360	
Cape Wrath	049	62737	80808	10110	694//	06250	86915		
Stornoway	026	22917	80018	14109	22400	05233	82817		
Benbecula	022	32926	75258	17011	32400	08224	83816		
Tiree	100	52817	75158	19011	32402	08222	83817		
Aldergrove	917	52408	75031	22910	35501	08220	83620	83080	
Malin	980	52919	62158	22212	4853/	07222	84820		
Belmullet	976	52816	78031	25512	454/2	06218	82719	83638	
Birr	965	12207	70031	26706	00902	05325	81070		
Dublin	969	12712	80030	24808	00902	06322	81075		
Shannon	962	23005	80011	27111	25601	08219	82640		
Roches Point	952	12906	75021	27609	15602	07316	81645		
Valentia	953	10403	80020	27808	15600	06215	81631		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	91110	06	d_o	d_o
Hurn	862	97130	11	+	r_o
Manston	797	00120	10	+	+
Gatwick	776	00120	08	+	+
Kew	775	00130	10	+	+
Heathrow	772	00130	11	+	+
Honington	586	00110	09	+	+
Wattisham	590	00110	09	+	+
Gorleston	497				
Aberporth	502	97111	08	id_o	+
Filton	628	97110	08	id_o	+
Rhoose	715	01101	07	$r_od_or_od_odrir_o$	+
Hartland Point	703	94130	08		
Mount Batten	827	97130	10	d_od_o	d_od_o
St.Mawgan	817	93110	09	ffd_or_o	d_o
Scilly	804	92130	11	id_o	d_od_o
Culdrose	809	93121	10	d_od_o	dd
Guernsey	894	97130	08	f	fid_o
Elmdon	534	97090	06	r_o	+
Cardington	559	00110	10	+	+
Wittering	462	97110	09	pr_o	+
Watnall	354	97090	06	r_o	+
Shawbury	414	00090	07	+	+
Finningley	360	97110	08	pr_o	+
Spurn Point	396			+	+
Leeming	257	00110	07	+	+
Tynemouth	262	00111	07	+	+
Carlisle	222	00101	07	+	+
Valley	302	00110	07	+	+
Ringway	334	92110	09	d_or_o	+
Squires Gate	318	00130	11	+	+
Ronaldsway	204	00111	08	+	+
Mull of Galloway	131	00101			
Eskdalemuir	162	91091	05	pr_o	pr_o
Prestwick	135	91111	09	pr_o	pr_o
Abbotsinch	140	97101	08	pr_o	pr_o
Leuchars	171	00081	06	+	+
Dyce	091	00091	07	+	+
Lerwick	005	03061	05	$r_or_orrir_o$	ph_ophr
Wick	075	01071	05	pr_opr	$pRpr_o$
Sule Skerry	010	01092	07		
Cape Wrath	049	95081	07	r_or_opr	pr_o
Stornoway	026	02081	06	$prpr_o$	pr_o
Benbecula	022	01101	08	pr_o	pr_opr
Tiree	100	91101	09	pr_o	pr_o
Aldergrove	917	00091	07	+	+
Malin	980	9211	08		
Belmullet	976	9711	08		
Birr	965	9706	01		
Dublin	969	9707	06		
Shannon	962	9709	05		
Roches Point	952	9708	04		
Valentia	953	9706	03		

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17001	71909	98012	22010	70930	00102	/////	/////	05106	11149	3//03	30/04
L	99570	70200	17004	72820	97012	20511	6843/	00220	81815	86635	0//05	11286	30604	26008
M	99652	10039	17004	81531	96626	68310	874//	00754	/////	/////	05010	11056	30708	/////
R	99470	70170	17004	63203	97025	25517	66400	00110	84710	84633	0//17	11889	30000	29003

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17061	82108	98022	20611	855//	00710	88627	/////	05106	11140	3//03	///04
L	99570	70198	17064	72616	97018	22611	4843/	00212	81815	84635	0//08	11285	30403	26907
M	99652	10038	17064	80517	96636	67510	4742/	00226	/////	/////	00009	11034	30404	16907
R	99470	70170	17064	80503	96025	25317	863//	00203	88706	/////	0//17	11888	30000	29002

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

42669

Date of Issue MONDAY 18 SEPTEMBER 1978

OBSERVATIONS at 12h. 17 September 1978

Code FM 11.V

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	43107	83011	26617	11682	08005	81830	83075	
Hurn	862	53406	81032	26816	11632	08107	81830	84070	
Manston	797	63010	80012	25516	11632	09109	81830	86075	
Gatwick	776	53206	83012	26117	11632	09106	81830	85075	
Kew	775	23008	81021	26017	10982	08106	81367		
Heathrow	772	23009	75011	25918	11682	08006	81835		
Honington	586	22914	84011	24516	14501	07109	81628		
Wattisham	590	43013	75031	24516	11602	07109	81830	83075	
Gorleston	497	63210	66022	24116	41501	07215	84825	84075	
Aberporth	502	13311	70020	28713	11541	09111	81822		
Filton	628	33608	80031	27316	21532	10105	82828		
Rhoose	715	33306	70021	27716	21432	08004	82818		
Hartland Point	703	60108	70032	28413	32689	08213	83830	85175	
Mount Batten	827	63607	82012	28116	18572	09005	81825	85362	
St.Mawgan	817	73610	80022	28714	1147/	10109	81812	86360	
Scilly	804	60511	74011	29017	60970	10008	86360		
Culdrose	809	70109	75032	28715	25432	11008	81710	85360	
Guernsey	894	73607	80022	27117	784//	12109	81811	83623	86638
Elmdon	534	43014	80021	25916	34632	06010	83632		
Cardington	559	52911	78012	25718	48631	07112	84835		
Wittering	462	53112	80031	25215	41602	07215	84832		
Watnall	354	42913	82011	25016	11631	06114	81830	83365	
Shawbury	414	33216	81031	26316	28501	07108	81825	83075	
Finningley	360	72814	81031	24416	686/8	07122	83832	85640	
Spurn Point	396	42920	68020	23316	31501	07212	83825	84075	
Leeming	257	62815	86021	23714	38602	07119	81830	83635	85070
Tynemouth	262	32717	81021	22115	31600	06215	83835		
Carlisle	222	52812	82251	23814	48531	08216	82826	83650	
Valley	302	32916	75030	28215	18402	09112	81816	83075	
Ringway	334	62817	80031	25815	32632	07109	83835	85075	
Squires Gate	318	72917	80021	26614	38502	09218	82825	87075	
Ronaldsway	204	22713	75011	26814	28402	07215	82816		
Mull of Galloway	131	73010	82032	26413	785//	11221	83820	84625	
Eskdalemuir	162	62614	80031	23313	58502	07217	82820	84630	
Prestwick	135	53113	81038	24113	58500	10220	81825	83645	
Abbotsinch	140	62816	65808	23113	685//	07221	84820	85645	
Leuchars	171	62915	82801	20314	58602	06224	83830	83645	
Dyce	091	22922	89011	17715	21602	03122	82830		
Lerwick	005	52728	70028	08810	58400	04238	85815		
Wick	075	42925	75028	15511	32462	04233	83818		
Sule Skerry	010	53230	81038	14312	42560	10126	84820		
Cape Wrath	049	52924	78818	15710	33470	09222	83915	85360	
Stornoway	026	42821	65250	19112	48401	05118	83818		
Benbecula	022	42925	81038	21513	38402	06216	81819		
Tiree	100	62820	68018	23613	48406	07223	83818	85275	
Aldergrove	917	63012	75252	27013	68401	09216	83818	85640	
Malin	980	72820	70158	25814	785/2	07217	84820	86640	
Belmullet	976	72611	80022	28714	785//	09111	81820	87640	
Birr	965	73508	82031	29515	785//	07212	81825	87630	
Dublin	969	62911	80011	28015	425/2	07212	84825	83070	
Shannon	962	52907	80031	29716	58502	06110	81825	84635	
Roches Point	952	50000	70031	30115	585//	09108	85820		
Valentia	953	73506	75031	30615	756//	08212	87638		

OBSERVATIONS at 18h. 17 September 1978

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	23307	82010	27116	14601	09303	81630		
Hurn	862	23007	81011	27116	10942	10305	81362		
Manston	797	52805	80031	26016	35681	11204	83640	83072	
Gatwick	776	13204	80011	26916	10932	08307	81365		
Kew	775	33306	80020	26617	14631	07205	81840	83075	
Heathrow	772	23105	75030	26517	14681	08204	81635		
Honington	586	62908	75031	26015	54601	07309	85638	84075	
Wattisham	590	32909	70021	26113	25601	08309	82640		
Gorleston	497	50107	66022	25715	54500	09211	85625		
Aberporth	502	03409	80010	29512	00900	06205			
Filton	628	33207	84030	28315	34601	09310	83645		
Rhoose	715	13307	81021	28314	18501	07306	81828		
Hartland Point	703	33410	74031	28913	32500	08305	83825		
Mount Batten	827	13606	89021	28615	10931	09306	81368		
St.Mawgan	817	13610	80021	29313	18500	09304	81820		
Scilly	804	30408	74021	30014	30980	12303	83360		
Culdrose	809	20107	70021	29413	11532	11307	81820		
Guernsey	894	63605	81032	27814	45732	08205	84656		
Elmdon	534	33209	80011	27613	25641	05210	82640		
Cardington	559	43110	66041	27115	15631	06312	81645	83075	
Wittering	462	43110	78011	26513	25601	06210	82635	83075	
Watnall	354	22905	82031	27113	14601	06312	81630		
Shawbury	414	13208	80011	27712	15601	07211	81630		
Finningley	360	62712	82031	25913	54602	07214	85640	84075	
Spurn Point	396	62916	70021	25015	32672	09206	83830	85360	86075
Leeming	257	73111	86021	25213	14642	05212	81640	87078	
Tynemouth	262	42914	80021	23613	11541	06312	81820	84075	
Carlisle	222	72810	84022	25612	28532	07313	81825	83366	86073
Valley	302	12908	82020	28814	18501	09303	81825		
Ringway	334	72810	80151	27513	786//	07208	83830	86645	
Squires Gate	318	33215	75011	27413	18541	08206	81825		
Ronaldsway	204	72807	82031	27713	686/1	08306	82830	85640	
Mull of Galloway	131	63419	80012	27412	585/1	12207	82820	83625	85070
Eskdalemuir	162	62711	82022	25709	38542	05315	81825	83645	
Prestwick	135	42914	81158	26012	38542	07311	81820	83638	
Abbotsinch	140	62816	75038	25112	58602	06213	84830		
Leuchars	171	43015	82028	22513	25642	04214	82640		
Dyce	091	52906	86258	20711	28532	06214	81825	83075	
Lerwick	005	62825	58168	11609	694//	04115	82910	83815	
Wick	075	72917	75258	18309	58431	07214	83815	83635	
Sule Skerry	010	72930	74028	17111	3347/	08210	83915	87360	
Cape Wrath	049	82926	70808	18210	884//	10208	83815	88620	
Stornoway	026	62712	80258	21111	28432	09203	81818	85362	
Benbecula	022	72724	80031	23812	58431	08602	83818	83635	85360
Tiree	100	12716	75148	25412	18401	08203	81815		
Aldergrove	917	63110	82032	28412	38502	06210	82820	83635	85070
Malin	980	52818	84021	27613	52502	07306	85821		
Belmullet	976	42709	81011	29813	2853/	08305	81820	83359	
Birr	965	62806	81012	30114	585/2	08309	82821	84633	
Dublin	969	13007	84011	29114	15600	06208	81640		
Shannon	962	23006	82021	30913	25601	08209	82640		
Roches Point	952	70000	80031	30714	785//	10308	81820	87638	
Valentia	953	13205	82011	31114	15630	08306	81635		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	082	+	+
Hurn	862	00190	077	+	+
Manston	797	00190	075	+	+
Gatwick	776	00190	079	+	+
Kew	775	00180	082	+	+
Heathrow	772	00190	081	+	+
Honington	586	00180	071	+	+
Wattisham	590	00180	080	+	+
Gorleston	497		077		
Aberporth	502	00141	105	+	+
Filton	628	00180	093	+	+
Rhoose	715	00170	098	+	+
Hartland Point	703	00140	094		
Mount Batten	827	00180	063	+	+
St.Mawgan	817	00160	064	+	+
Scilly	804	00170	045	+	+
Culdrose	809	00160	070	+	+
Guernsey	894	97180	038	id.	+
Elmdon	534	00170	085	+	+
Cardington	559	00190	091	+	+
Wittering	462	00180	070	+	+
Watnall	354	00160	089	+	+
Shawbury	414	00160	097	+	+
Finningley	360	00170	093	+	+
Spurn Point	396			+	+
Leeming	257	00170	064	+	+
Tynemouth	262	00161	078	+	+
Carlisle	222	97161	062	pr.	+
Valley	302	00160	106	+	+
Ringway	334	00150	094	+	+
Squires Gate	318	00150	086	+	+
Ronaldsway	204	00151	089	+	+
Mull of Galloway	131	00141			
Eskdalemuir	162	00141	050	+	+
Prestwick	135	97151	047	pr.	jp
Abbotsinch	140	92151	051	pr.	pr.
Leuchars	171	97161	072	pr.	+
Dyce	091	91151	099	pr.ph.r.	+
Lerwick	005	97111	075	pr.	pr.
Wick	075	03142	090	pr.	pr.pr
Sule Skerry	010	01121			
Cape Wrath	049	02111	045	prpr.	pr.
Stornoway	026	01131	076	pr.	pr.pr
Benbecula	022	91141	081	+	pr.
Tiree	100	96141	071	pr.pr	pr.
Aldergrove	917	97161	058	pr.	+
Malin	980	9115	047		
Belmullet	976	0015	035		
Birr	965	9716	052		
Dublin	969	9716	092		
Shannon	962	9717	065		
Roches Point	952	9717	088		
Valentia	953	9716	087		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

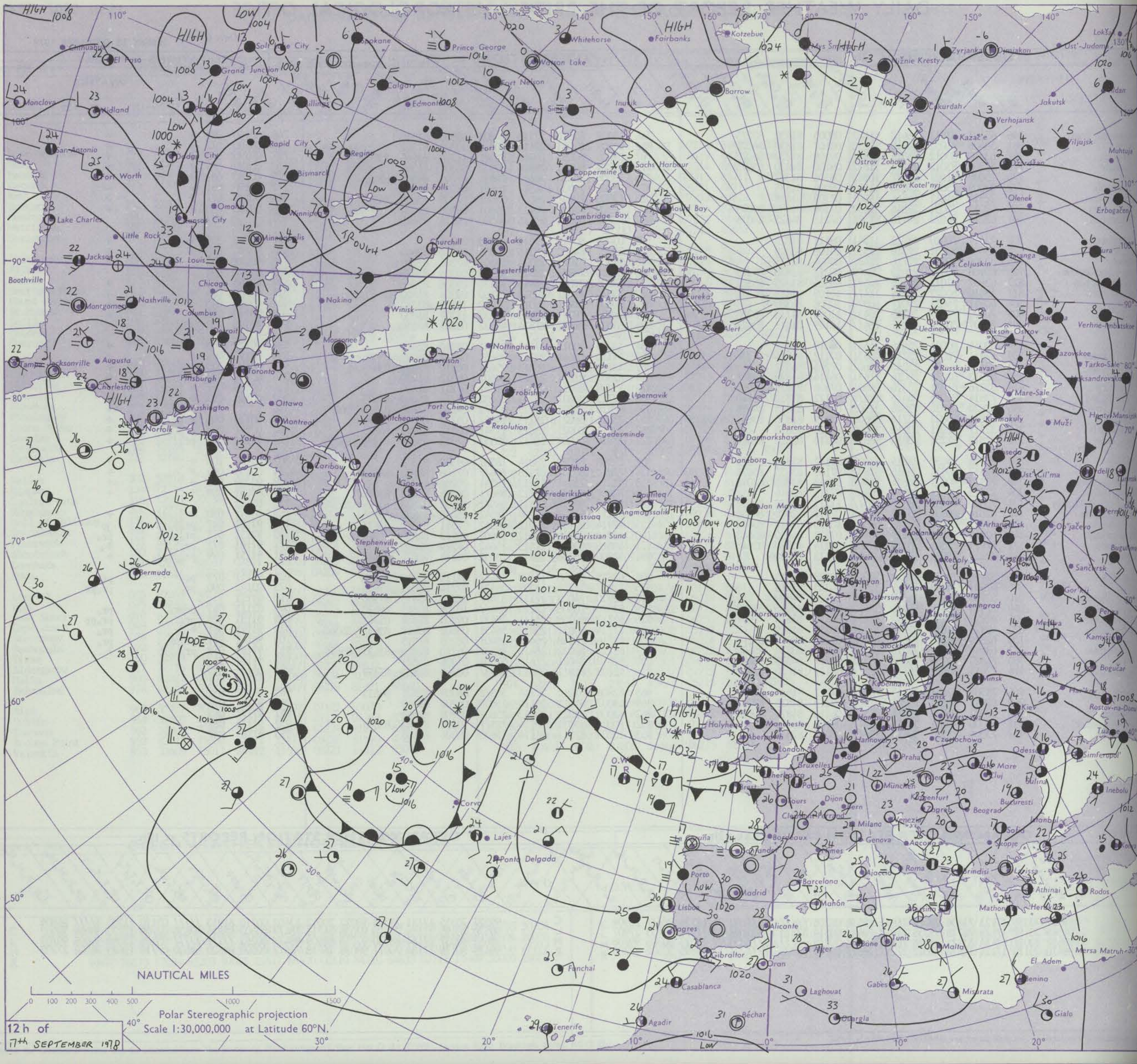
O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
	C	99527	70355	17121	71804	98012	21611	25534	00206	/////	/////	00106	11126	3////	26904
	L	99569	70197	17124	72718	97038	24912	784//	00314	82815	87635	0//06	11281	30403	27907
	M	99652	10037	17124	83121	96626	76910	7742/	00249	/////	/////	00009	11023	30303	99/08
	R	99470	70170	17124	70813	97022	27217	763//	00209	87708	/////	0//17	11895	30502	27206

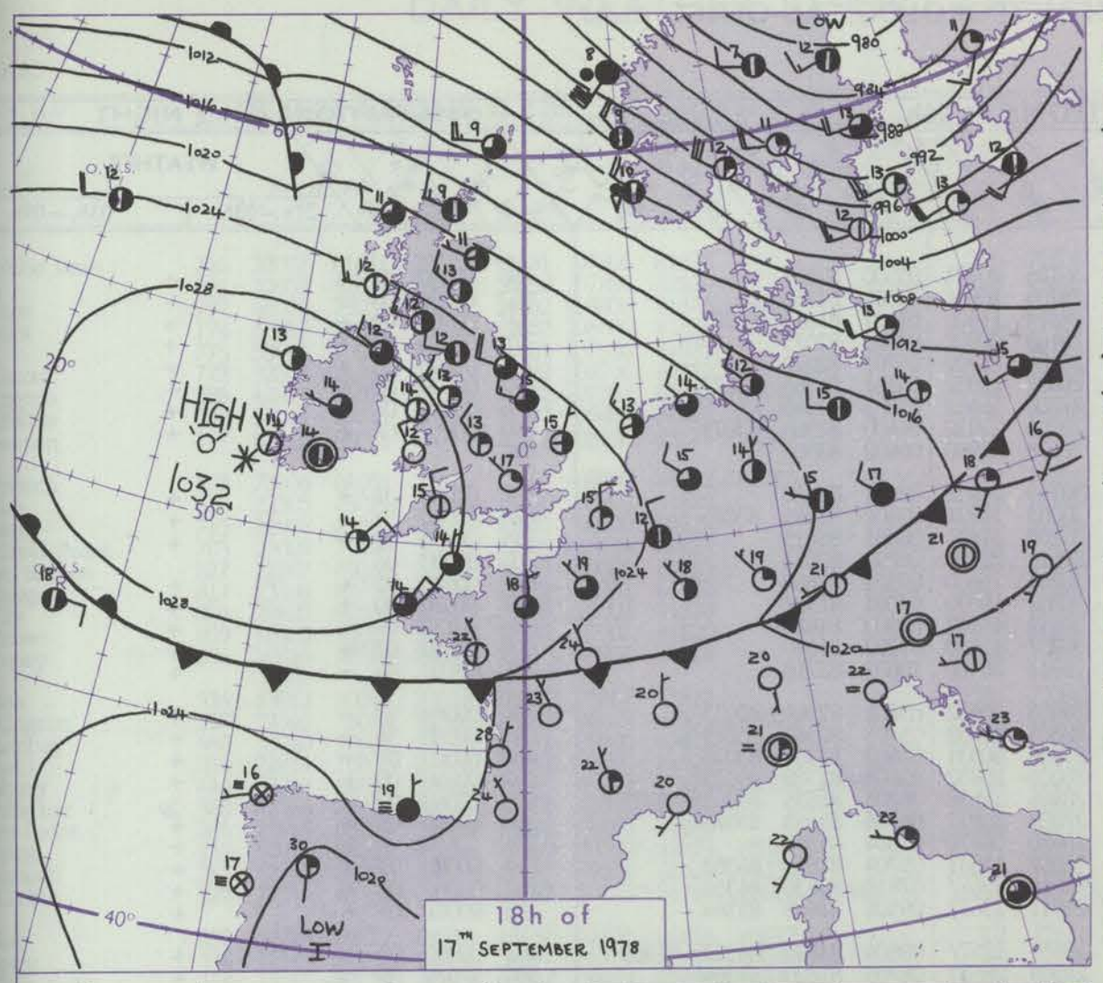
OCEAN WEATHER STATION REPORTS at 18h.

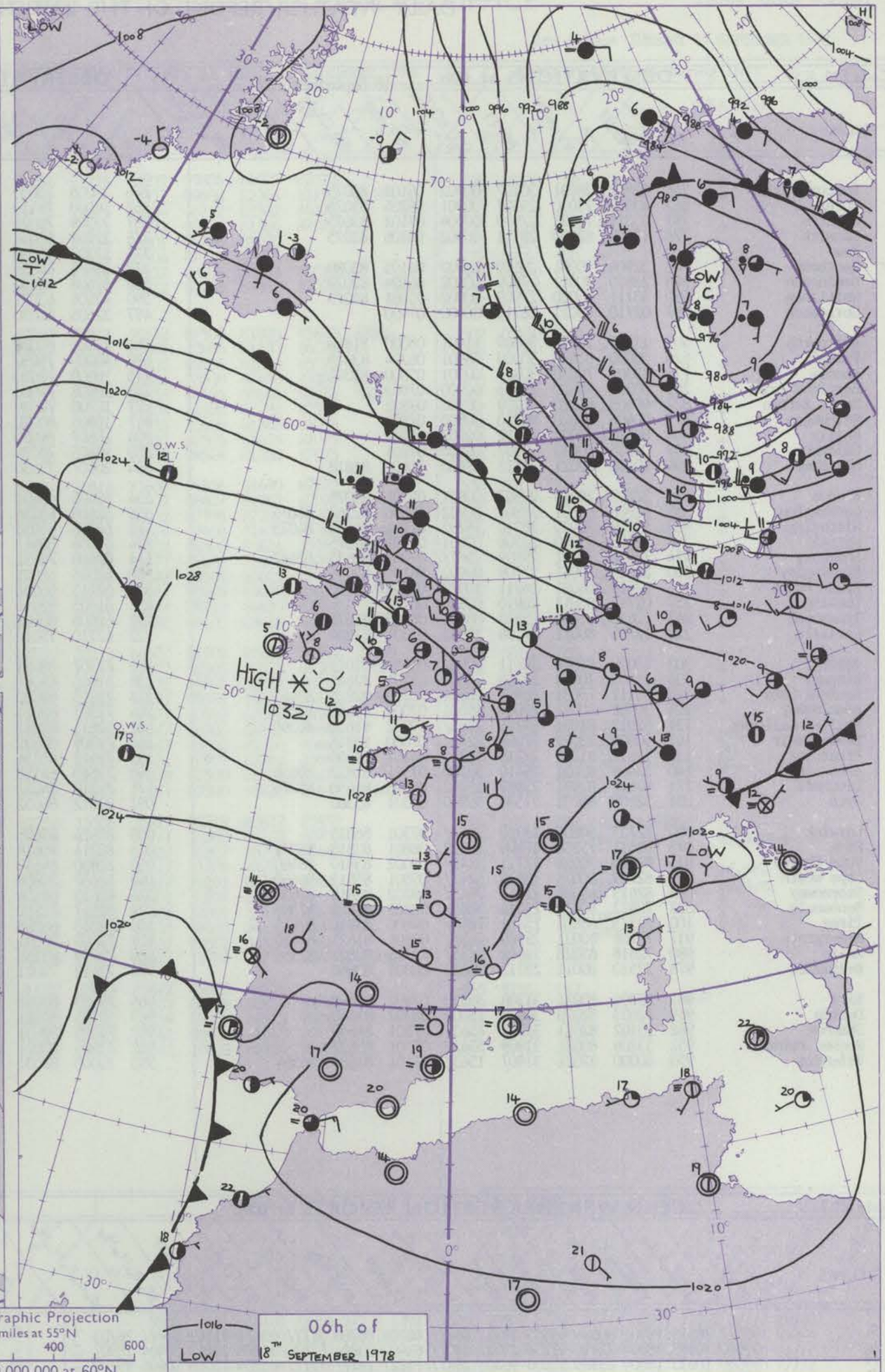
O.W.S.		$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
	C	99527	70355	17181	71303	98022	20012	13402	00710	81913	/////	05110	11205	3////	26804
	L	99570	70195	17184	72518	97038	24712	784//	00302	82814	87630	0//09	11270	30404	28907
	M	99651	10037	17184	83330	97258	88909	894//	00261	/////	/////	05205	11044	30606	99/09
	R	99470	70170	17184	70911	98035	26718	785//	00503	84820	84630	0//16	11873	30502	27205

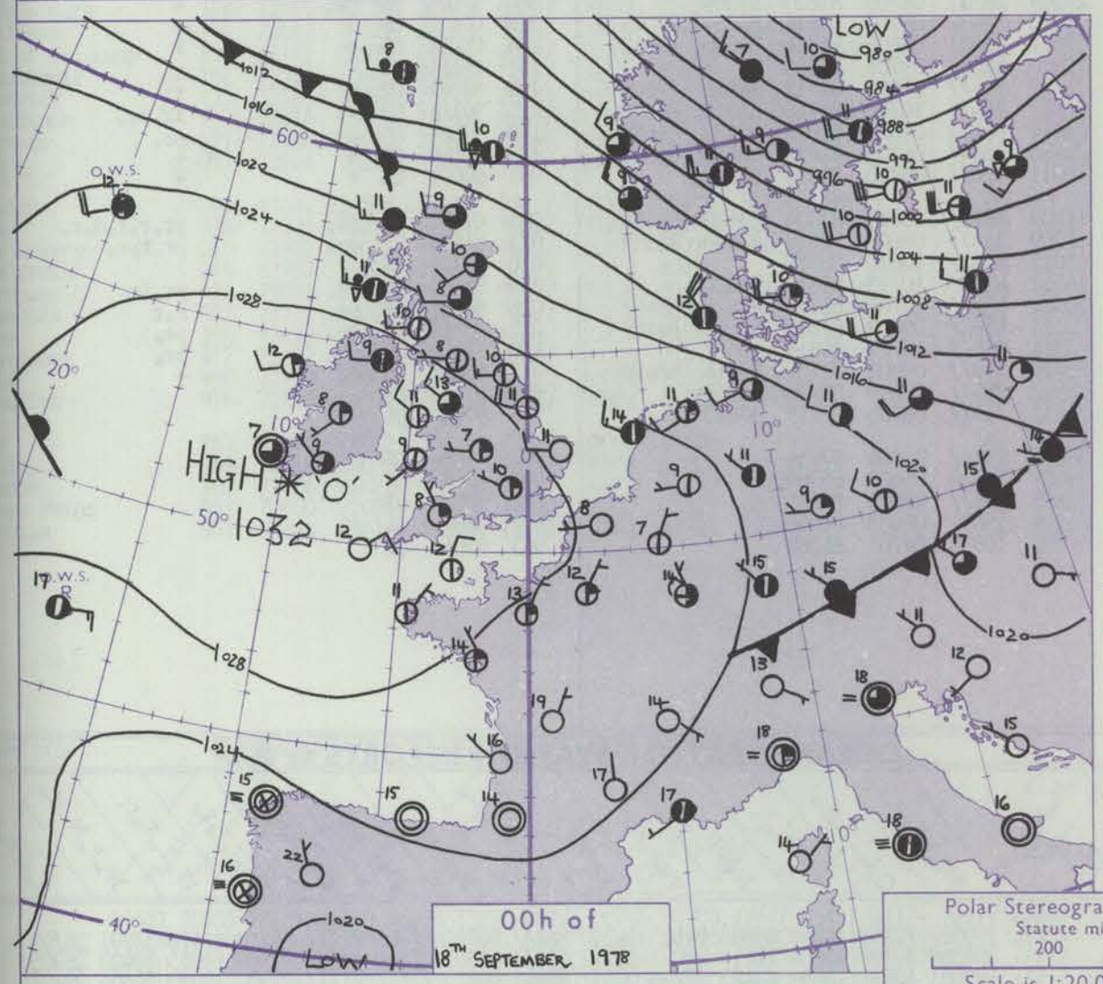
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 18 SEPTEMBER 1978

A deep depression off the west coast of Norway has moved east to the Northern Baltic during the past 24 hours, and has filled steadily. The anticyclone about 250 miles west of Shannon has moved slowly east. An unstable northwesterly airstream between these two systems has covered the British Isles.

During the next 24 hours the depression will move slowly east and continue to fill whilst the anticyclone off southwest Ireland will remain almost stationary. The northwesterly airstream over the British Isles will continue but decrease in strength.

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

Code FM 11.V — OBSERVATIONS at 00h. 18 September 1978

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	22802	78031	30107	00902	06107	82075		
Hurn	862	13303	75030	29507	00901	06206	81075		
Manston	797	33311	70031	27913	00904	07102	83075		
Gatwick	776	13405	62020	29111	00902	06106	81075		
Kew									
Heathrow	772	32904	70031	29110	00902	06105	83080		
Honington	586	22810	70011	27909	00902	06104	82070		
Wattisham	590	43111	80020	27909	00902	05001	84075		
Gorleston	497	02710	66021	26711	00900	07400			
Aberporth	502	12304	70020	30809	11401	08000	81818		
Filton	628	30000	81030	30509	00901	06204	83075		
Rhoose	715	13302	70020	30307	00901	05000	81075		
Hartland Point	703	00205	88020	29913	00900	07803			
Mount Batten	827	00405	80020	30209	00900	07802			
St.Mawgan	817	00406	80020	30710	00900	07801			
Scilly	804	00610	75020	31112	00900	12802			
Culdrose	809	00305	70010	30707	00900	07801			
Guernsey	894	10108	82021	29112	18400	11802	81818		
Elmdon	534	32705	70010	29507	00901	05801	83075		
Cardington	559	62806	66031	28807	20932	05006	82362	86075	
Wittering	462	43109	70020	28310	15702	07101	81650	84075	
Watnall	354	12605	75020	28908	00901	07101	81075		
Shawbury	414	72708	73031	29509	756//	07001	83635	87647	
Finningley	360	22605	70011	27709	00902	06104	82075		
Spurn Point	396	12818	66021	26911	10970	07302	81360		
Leeming	257	02712	86011	26910	00900	06105			
Tynemouth	262	12612	81020	25510	00901	06103	81075		
Carlisle	222	12706	80011	27108	10941	07301	81364		
Valley	302	13008	81020	30111	00902	08301	81075		
Ringway	334	21802	70018	29210	25601	08201	82645		
Squires Gate	318	63112	75031	28913	48501	08203	82825	83645	
Ronaldsway	204	30000	80011	29009	15601	07000	81645	83075	
Mull of Galloway	131	62912	82031	29211	1565/	09002	81630	86360	
Eskdalemuir	162	50000	83021	27008	32431	07000	83818		
Prestwick	135	12611	81021	27210	15741	08101	81650		
Abbotsinch	140	32408	82031	26410	38530	07501	81822	83636	
Leuchars	171	62612	82031	23808	15742	05803	81650	85075	
Dyce	091	52408	86031	21510	50950	05501	85360		
Lerwick	005	72725	50808	13210	784//	07301	86815		
Wick	075	62611	75258	18909	28432	08801	82818	85072	
Sule Skerry	010	82926	70028	17711	3142/	09002	83810	88460	
Cape Wrath	049	82729	80028	18910	5241/	09801	85815	88460	
Stornoway	026	82613	65038	21711	7843/	09702	82818	87630	
Benbecula	022	72822	80018	23812	3855/	08801	81822	87360	
Tiree	100	72715	68801	25411	784//	09806	83816	87645	
Aldergrove	917	72708	80031	29509	755//	08801	81625	87630	
Malin	980	72818	83028	28012	3855/	08703	82822	87358	
Belmullet	976	32510	80011	29712	25630	08805	82640		
Birr	965	32305	80031	31308	30930	07802	83360		
Dublin	969	12603	82020	30808	15600	06302	81640		
Shannon	962	53102	82011	31711	4563/	07501	84640		
Roches Point	952	53206	80031	31909	556//	07301	85632		
Valentia	953	60000	82021	31907	1563/	05101	81635	86364	

OBSERVATIONS at 06h. 18 September 1978

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	23005	80030	30105	20931	05500	82367		
Hurn	862	10000	78110	29703	10941	03500	81362		
Manston	797	33309	70021	27911	11402	07601	81812	83072	
Gatwick	776	22201	65031	29103	00902	03503	82075		
Kew	775	22301	65020	28805	00902	05701	82072		
Heathrow	772	33601	64031	29007	10932	06701	81365	83072	
Honington	586	32508	58030	27706	15632	05803	81640		
Wattisham	590	42606	63031	28005	20932	04400	82360	83075	
Gorleston	497	32605	66030	26608	30950	06602	83358		
Aberporth	502	23002	81020	30110	11432	08602	81818		
Filton	628	40000	75030	30305	10931	03502	81365	83075	
Rhoose	715	10000	72020	30108	11401	06501	81815		
Hartland Point	703	20808	74020	29611	22500	08802	82825		
Mount Batten	827	10000	70020	30207	15600	07301	81640		
St.Mawgan	817	10905	80020	30307	10930	07801	81362		
Scilly	804	10607	81030	30512	11542	09500	81820		
Culdrose	809	20405	70030	30207	15630	07802	81640		
Guernsey	894	20607	72030	28811	26400	10602	82710		
Elmdon	534	52405	63031	29006	20932	05802	82364	85075	
Cardington	559	52606	63031	28506	20932	05705	82360	85075	
Wittering	462	62705	65031	27906	30931	05603	83364	83075	
Watnall	354	52404	58011	28005	20932	05608	82362	83075	
Shawbury	414	62608	78031	28808	15656	06706	81635	83362	86273
Finningley	360	62005	65031	27007	30932	06704	83363	85075	
Spurn Point	396	52715	66031	26410	50970	07604	85360		
Leeming	257	51503	82011	26207	11531	05704	81825	85362	
Tynemouth	262	62808	80021	24510	3567/	07810	83630	86358	
Carlisle	222	62710	75011	25911	25672	09506	81648	85364	
Valley	302	72707	82021	29211	1257/	09804	81820	84360	87365
Ringway	334	61805	61011	28509	28571	08705	81820	85364	
Squires Gate	318	73013	82022	28013	28432	08705	82816	85364	87075
Ronaldsway	204	72707	82021	27611	48431	08605	81816	84656	85363
Mull of Galloway	131	52811	82012	27810	556//	09701	85630		
Eskdalemuir	162	72309	80022	25609	784//	07606	81712	84818	87640
Prestwick	135	72612	65256	25811	784//	10703	81710	83818	86628
Abbotsinch	140	72510	62158	24611	68431	09607	82818	83632	86650
Leuchars	171	72210	84022	22410	3564/	06703	81630	83650	87360
Dyce	091	82612	86032	19811	3567/	05710	81630	88460	
Lerwick	005	82624	65608	11209	4822/	08611	82704	83620	86458
Wick	075	82714	70618	17209	3547/	08608	82618	83640	85359
Sule Skerry	010	82930	64618	15911	8052/	10610	88520		
Cape Wrath	049	82837	70808	16511	884//	10713	82815	88620	
Stornoway	026	82615	62608	20011	5547/	10709	81710	83618	88462
Benbecula	022	82517	78252	22111	6842/	09609	81818	86650	88459
Tiree	100	82818	66258	24311	884//	10707	84814	88637	
Aldergrove	917	72409	80031	28410	753//	09506	81709	83614	87618
Malin	980	72719	83258	26512	3857/	09609	82820	86358	
Belmullet	976	72412	78021	28613	754//	08708	82719	87640	
Birr	965	72003	80031	30506	756//	05604	87636		
Dublin	969	52505	81011	29607	50930	06608	85360		
Shannon	962	71303	82031	30608	756//	07604	87635		
Roches Point	952	13406	80021	31108	15631	06603	81640		
Valentia	953	10000	82031	30805	10930	04707	81360		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00050	51	+	+
Hurn	862	00030	00	+	+
Manston	797	00100	09	+	+
Gatwick	776	00030	50	+	+
Kew	775	00030	53	+	+
Heathrow	772	00070	02	+	+
Honington	586	00060	04	+	+
Wattisham	590	00050	02	+	+
Gorleston	497				
Aberporth	502	00080	01	+	+
Filton	628	00040	52	+	+
Rhoose	715	00070	01	+	+
Hartland Point	703	00090	06		
Mount Batten	827	00070	01	+	+
St.Mawgan	817	00070	00	+	+
Scilly	804	00110	07	+	+
Culdrose	809	00070	03	+	+
Guernsey	894	00100	05	+	+
Elmdon	534	00060	50	+	+
Cardington	559	00030	51	+	+
Wittering	462	00060	04	+	+
Watnall	354	00050	00	+	+
Shawbury	414	00060	03	+	jp
Finningley	360	00060	00	+	+
Spurn Point	396			+	+
Leeming	257	00070	01	+	+
Tynemouth	262	00081	06	+	+
Carlisle	222	00081	03	+	+
Valley	302	00090	03	+	+
Ringway	334	97070	04	pr.	+
Squires Gate	318	00120	09	+	+
Ronaldsway	204	00081	03	+	+
Mull of Galloway	131	00101			
Eskdalemuir	162	97071	02	+	r.
Prestwick	135	92101	07	+	ir.pr.
Abbotsinch	140	97081	05	pr.	pr.
Leuchars	171	00080	06	+	+
Dyce	091	00091	06	+	+
Lerwick	005	01092	07	pr.	pr.r.r.d.r.
Wick	075	01081	07	pr.	pr.r.r.
Sule Skerry	010	03102	08		
Cape Wrath	049	95081	09	pr.	pr.ir.
Stornoway	026	93091	08	pr.	r.r
Benbecula	022	93111	10	+	pr.
Tiree	100	95101	09	pr.	pr.
Aldergrove	917	00081	05	+	+
Malin	980	9711	08		
Belmullet	976	9710	06		
Birr	965	9705	50		
Dublin	969	9707	05		
Shannon	962	9707	05		
Roches Point	952	9707	04		
Valentia	953	9704	01		

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	18001	80604	95535	19211	862//	00708	88706	/////	05111	11163	3////	26/03
L	99570	70193	18004	72418	97258	25012	784//	61400	83814	87630	0//08	11263	30404	28907
M	99650	10033	18004	83328	97808	96208	894//	71227	/////	/////	05304	11016	30606	99/09
R	99470	70169	18004	70815	97022	27217	763//	00805	87708	/////	0//17	11885	30502	27204

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	18061	80805	94525	16210	862//	00720	88705	/////	05210	11178	3//01	26/03
L	99569	70198	18064	72614	97032	23712	756//	61505	87640	/////	0//09	11285	30403	28905
M	99651	10031	18064	63425	97258	00707	59461	00223	/////	/////	05402	10989	30505	99/07
R	99470	70170	18064	70912	97035	25717	773//	00607	87708	/////	0//17	11872	30503	27204

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

42670

Date of Issue TUESDAY 19 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 18 September 1978

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	81011	29517	11631	07806	81835		
Hurn	862	32903	82021	29717	24630	07804	82630		
Manston	797	62807	75021	28415	11582	09806	81825	86072	
Gatwick	776	63007	81031	29216	11632	06606	81835	83365	
Kew	775	53004	70021	29016	41631	07806	84835		
Heathrow	772	32804	75011	29016	11582	08706	81828		
Honington	586	42810	64011	27615	11532	07807	81828	83072	
Wattisham	590	53011	67011	27814	11582	06804	81828	85075	
Gorleston	497	62910	66031	26714	2257/	06106	82825	86360	
Aberporth	502	72906	84031	30614	11502	09802	81822	87075	
Filton	628	23305	75011	30016	11530	08803	81828		
Rhoose	715	22908	80031	30216	21531	08000	82822		
Hartland Point	703	23004	74020	30415	22500	10104	82825		
Mount Batten	827	12107	89030	30217	11531	09802	81825		
St.Mawgan	817	13508	82020	30616	11501	11001	81820		
Scilly	804	20607	81030	30918	11505	11002	81820		
Culdrose	809	10905	75020	30516	11502	07001	81820		
Guernsey	894	10710	78010	29416	12400	09001	81818		
Elmdon	534	13013	80011	28416	18531	05807	81828		
Cardington	559	32810	75011	28316	11682	06807	81835	83075	
Wittering	462	33010	70021	27515	35531	09806	83628		
Watnall	354	22811	75031	27315	11542	09805	81820		
Shawbury	414	62711	81031	28915	4853/	09803	83825	83630	85360
Finningley	360	42814	81011	26216	22672	07807	82830		
Spurn Point	396	22916	65011	25915	11532	08805	81825		
Leeming	257	52813	84012	25814	38530	08500	82824	85362	
Tynemouth	262	62716	80022	24213	2153/	09501	82820	86358	
Carlisle	222	72714	81032	25514	68432	10804	81714	83820	85645
Valley	302	62715	82021	29715	18432	07801	81818	85072	
Ringway	334	72713	80032	28314	3857/	08702	82824	87360	
Squires Gate	318	72815	82032	28313	6853/	09802	82822	86650	
Ronaldsway	204	72613	84021	28213	5843/	09400	81818	85645	85360
Mull of Galloway	131	62712	82011	27614	4853/	11000	81820	84625	86360
Eskdalemuir	162	72514	70806	24912	725//	08703	87822		
Prestwick	135	52513	80018	25714	28531	10504	81822	85360	
Abbotsinch	140	72614	65808	24513	6843/	11201	82816	84820	86635
Leuchars	171	72720	86022	21416	22548	08607	82820	83270	87075
Dyce	091	72814	86212	19414	6857/	08000	81820	83630	85645
Lerwick	005	83012	30506	11410	852//	09305	82703	86706	88615
Wick	075	72921	70218	17311	5837/	09303	82709	83640	87460
Sule Skerry	010	82922	60028	16412	6641/	11205	86710	88458	
Cape Wrath	049	82732	58526	17311	871//	10202	88702		
Stornoway	026	72816	75018	20713	5847/	09104	83816	84632	87462
Benbecula	022	72721	70022	22813	754//	10205	82711	83618	87635
Tiree	100	72618	75028	24713	4843/	10203	81815	83650	87360
Aldergrove	917	72812	80208	28313	5843/	10002	82817	85630	87360
Malin	980	72718	81808	27013	784/2	10001	82819	86645	
Belmullet	976	72413	84022	28815	2543/	09802	81719	86359	
Birr	965	72808	81022	30414	756//	08000	87636		
Dublin	969	72810	86031	29514	785//	06504	81822	87630	
Shannon	962	72406	86022	30815	785//	08802	82827	87635	
Roches Point	952	70000	82021	31215	11532	08802	81822	87075	
Valentia	953	53003	89011	31215	11532	08801	81824	84360	

OBSERVATIONS at 18h. 18 September 1978

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	72808	80031	27214	00902	09806	84075	87078	
Hurn	862	73108	80031	27316	20932	09608	82364	83170	85070
Manston	797	52705	70031	25815	20934	08712	82362	84075	
Gatwick	776	72902	75031	26615	10932	08606	81366	87075	
Kew	775	42704	70021	26316	00901	05708	84070		
Heathrow	772	72604	68031	26115	00904	07710	87075		
Honington	586	62911	58031	25314	30932	08506	83363	85073	
Wattisham	590	63010	60041	25215	50932	08708	85362	83075	
Gorleston									
Aberporth	502	73206	82032	28911	58532	07508	81820	85640	85365
Filton	628	62710	75021	27715	15602	10606	81630	86075	
Rhoose	715	52908	80011	27813	15632	08506	81640	85075	
Hartland Point	703	73202	85021	28514	18686	08608	81830	83360	87075
Mount Batten	827	73505	80021	28415	25658	10605	82640	83363	86275
St.Mawgan	817	73508	82021	29114	11508	11506	81820	87275	
Scilly	804	40405	80020	29314	10931	10606	81360	84075	
Culdrose	809	70106	75021	29014	25532	08505	81625	87075	
Guernsey	894	70207	81031	28114	10932	09504	81360	87075	
Elmdon	534	73310	68021	26614	15638	08506	81640	87272	
Cardington	559	73105	68011	25915	10932	08607	81363	87075	
Wittering	462	63210	66031	25813	20932	07705	82362	86075	
Watnall	354	72709	70021	26113	15676	07608	81630	83360	87268
Shawbury	414	73009	82032	27213	35558	08500	83624	85362	87270
Finningley	360	62611	70021	25013	2467/	08608	81830	83360	86362
Spurn Point	396	62813	64031	24714	3557/	09506	83625	86360	
Leeming	257	72714	89022	23813	5567/	08606	83630	83650	87360
Tynemouth	262	72817	80022	22313	4567/	09710	84630	87358	
Carlisle	222	72712	80022	24313	55438	09605	83618	84645	86272
Valley	302	72612	84022	28113	6857/	07708	81825	86634	87359
Ringway	334	72709	81022	27013	25572	08505	82625	84365	87070
Squires Gate	318	72816	81032	26714	78432	09707	82818	86650	
Ronaldsway	204	72710	82012	26813	4843/	09506	81817	84645	87362
Mull of Galloway	131	63012	82012	26713	3857/	10503	82820	86360	
Eskdalemuir	162	72612	84028	24211	785//	08500	84825	86645	
Prestwick	135	72810	80032	24913	68442	10502	81710	85645	
Abbotsinch	140	62511	65258	23912	58431	10702	83818	85642	
Leuchars	171	52617	86012	21313	28579	07500	81825	84175	
Dyce	091	72911	84038	19213	785/1	07500	81825	84632	86642
Lerwick	005	63008	82258	15508	3847/	05219	83812	85459	
Wick	075	83115	20596	17511	872//	10303	84703	88705	
Sule Skerry	010	83212	58616	17811	5732/	10207	85708	88460	
Cape Wrath	049	82730	66505	18311	872//	11206	88703		
Stornoway	026	82814	62608	21211	854//	10202	85714	88630	
Benbecula	022	42918	75011	23312	48401	10204	83710		
Tiree	100	72715	81018	24512	68432	10501	82816	85635	
Aldergrove	917	72910	86032	27213	45632	08503	84630	85360	
Malin	980	72815	83038	26413	7853/	09502	86820	83640	
Belmullet	976	82209	78606	27614	6647/	12707	84717	85638	88459
Birr	965	72806	80032	28614	656/2	09505	86636		
Dublin	969	72703	84012	27814	35632	09706	83635	85360	
Shannon	962	63007	82012	29315	12559	09505	81825	86360	
Roches Point	952	71904	82012	29513	15642	09606	81640	87073	
Valentia	953	72403	84032	29714	18532	10603	81824	87070	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	081	+	+
Hurn	862	00130	086	+	+
Manston	797	00170	077	+	+
Gatwick	776	00180	091	+	+
Kew	775	00180	093	+	+
Heathrow	772	00190	081	+	+
Honington	586	00170	051	+	+
Wattisham	590	00170	051	+	+
Gorleston	497		072		
Aberporth	502	00150	089	+	+
Filton	628	00180	069	+	+
Rhoose	715	00170	073	+	+
Hartland Point	703	00160	090		
Mount Batten	827	00170	098	+	+
St.Mawgan	817	00170	104	+	+
Scilly	804	00180	108	+	+
Culdrose	809	00170	098	+	+
Guernsey	894	00170	100	+	+
Elmdon	534	00170	080	+	+
Cardington	559	00180	077	+	+
Wittering	462	00170	073	+	+
Watnall	354	00160	070	+	+
Shawbury	414	00160	037	+	+
Finningley	360	97170	066	+	r_o
Spurn Point	396			+	+
Leeming	257	00150	014	+	+
Tynemouth	262	00141	002	+	+
Carlisle	222	00151	022	+	+
Valley	302	00160	055	+	+
Ringway	334	00140	007	+	+
Squires Gate	318	00150	026	+	+
Ronaldsway	204	00150	031	+	+
Mull of Galloway	131	00141			
Eskdalemuir	162	91131	010	r_opr_o	pr_o
Prestwick	135	93171	028	pr_o	jp
Abbotsinch	140	93151	015	pr_o	pr_o
Leuchars	171	00160	021	+	+
Dyce	091	97161	016	r_opr_o	+
Lerwick	005	03101	001	$d_or_odrdrid_o$	pr_o
Wick	075	14132	001	pr_oir_oir	$ir_odrRRrr$
Sule Skerry	010	05122			
Cape Wrath	049	01111	000	$ididd_o$	id_opr_o
Stornoway	026	95131	000	pr_o	$pr_od_or_o$
Benbecula	022	00131	008	+	+
Tiree	100	97141	005	pr_o	+
Aldergrove	917	97141	008	pr_od_o	+
Malin	980	9115	005		
Belmullet	976	9716	010		
Birr	965	9716	017		
Dublin	969	9715	031		
Shannon	962	9717	022		
Roches Point	952	9715	069		
Valentia	953	9716	076		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

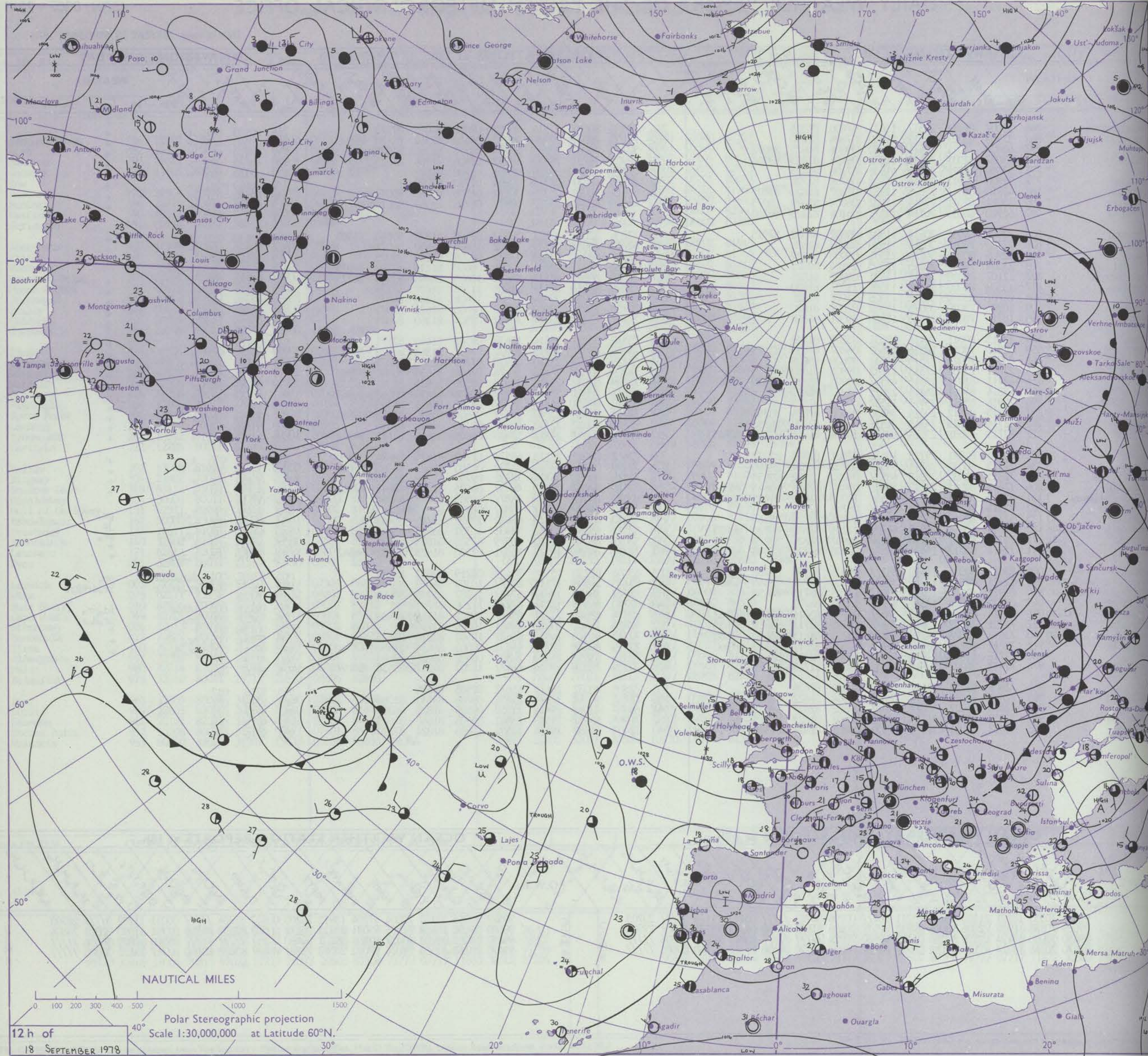
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18121	81103	96285	15211	861//	00706	88703	/////	05111	11174	3////	28703
L	99569	70198	18124	72306	98016	24612	684/2	00106	81815	86640	0//11	11299	30301	29904
M	99650	10030	18124	53526	97258	05007	49460	00224	/////	/////	05401	10987	30506	/////
R	99470	70168	18124	81112	97012	25718	884//	00803	82820	86630	0//15	11863	30505	/////

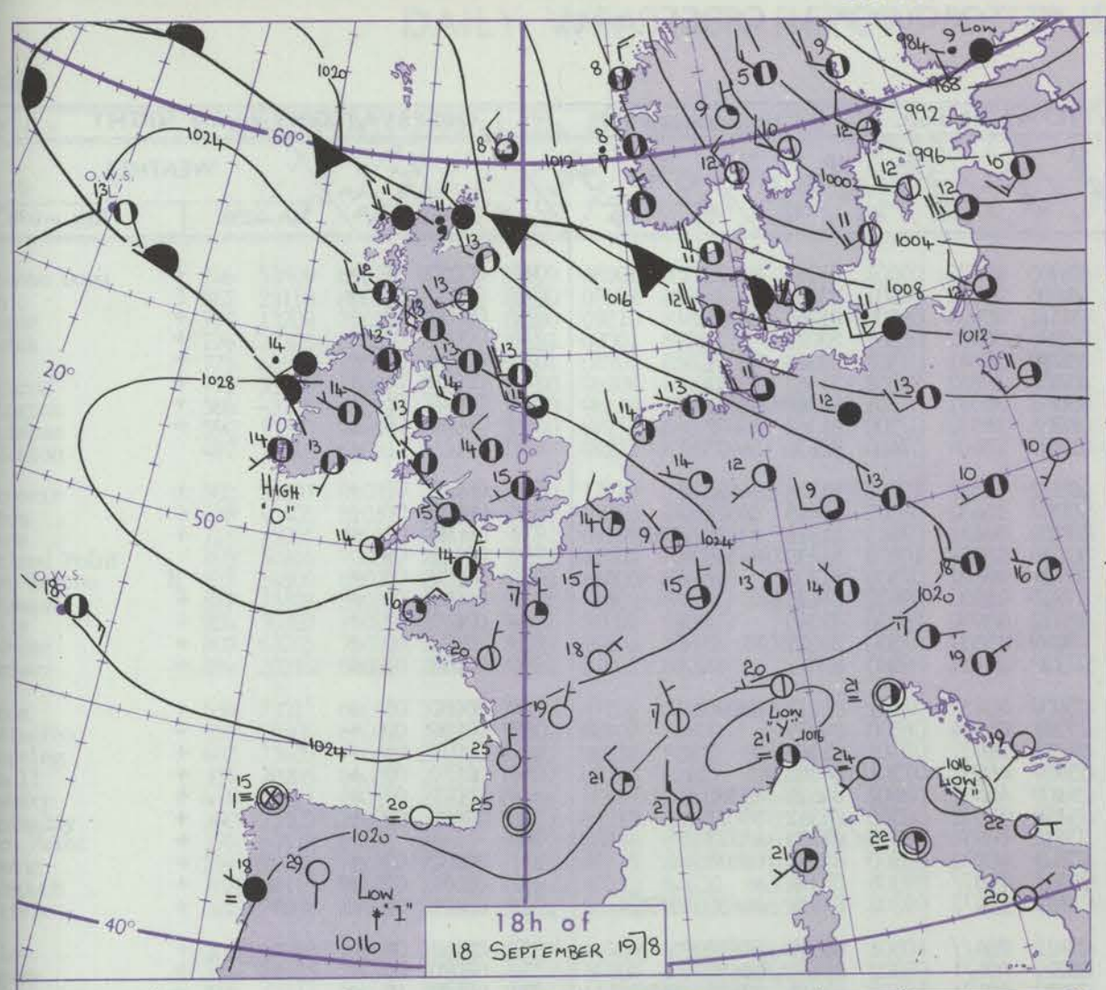
OCEAN WEATHER STATION REPORTS at 18h.

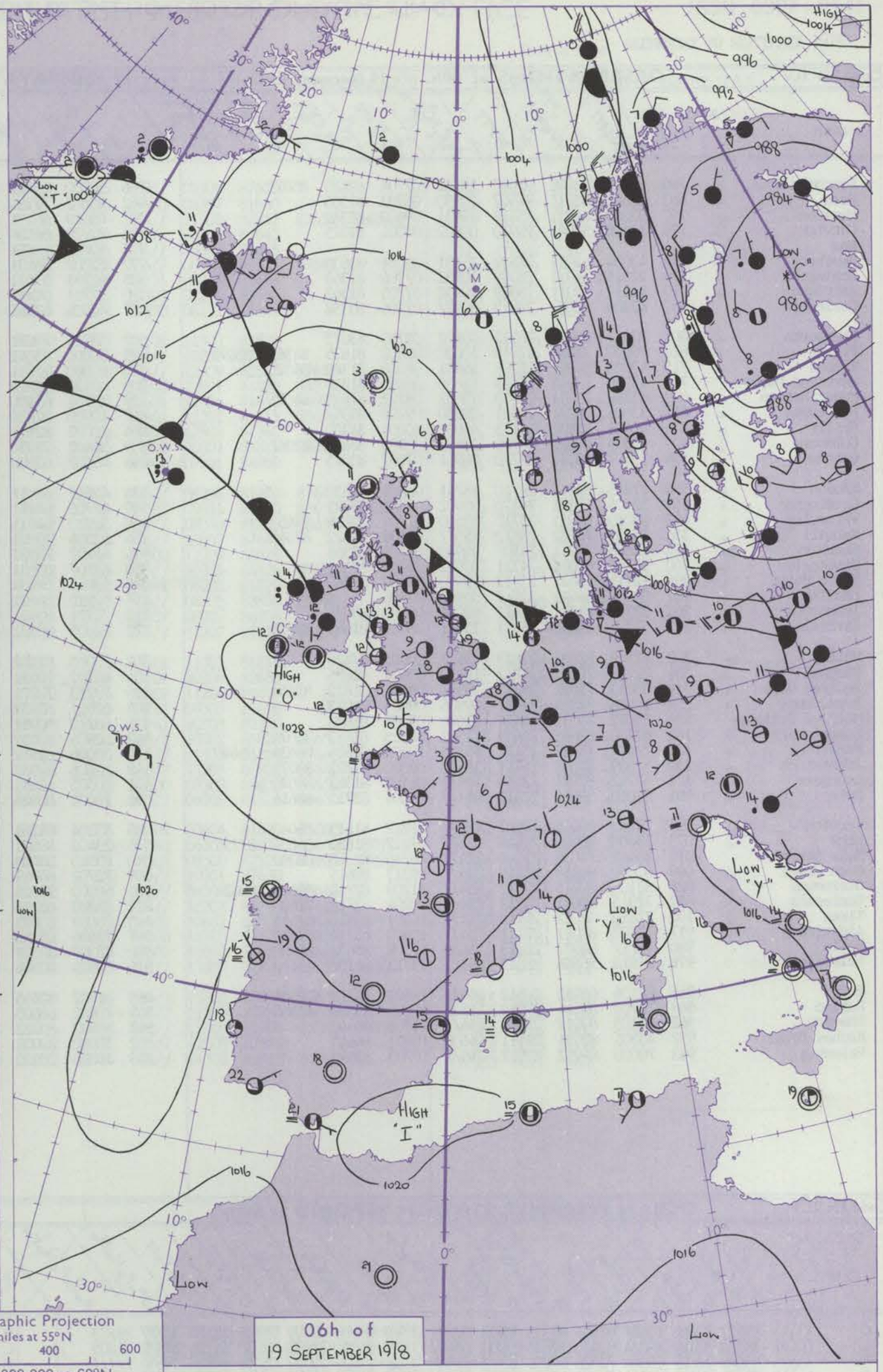
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	18181	72004	97204	13912	76200	00607	87704	/////	00011	11202	3////	28703
L	99569	70198	18184	71505	98031	24113	25672	00503	82630	86360	0//11	11300	30301	24804
M	99650	10028	18184	63427	97808	09207	59460	00217	/////	/////	05503	10972	30506	/////
R	99470	70168	18184	71016	97022	24018	785//	00607	83820	87640	0//17	11875	30605	/////

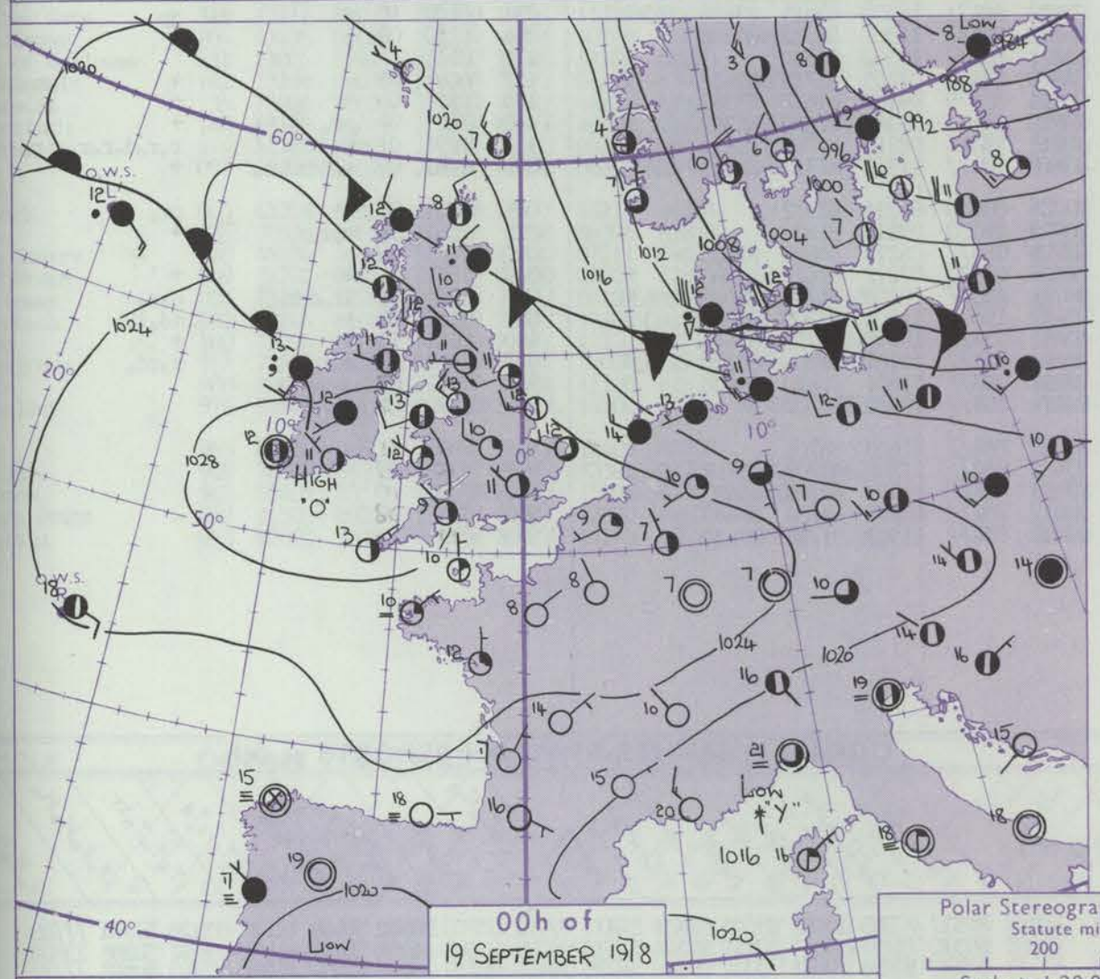
All times of observation printed in this publication are GREENWICH MEAN TIME.

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.

Issued at midday TUESDAY 19 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an anticyclone remained stationary just south of Ireland. A shallow wave over Shetland, early in the period, moved rapidly southeastwards, whilst its cold front remained slow moving over Scotland.

During the next 24 hours the anticyclone will persist to the south of Ireland whilst the front over Scotland is expected to move slowly eastwards as a warm front.

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

Code FM 11.V

OBSERVATIONS at 00h. 19 September 1978

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	62902	58102	27607	25502	07704	82625	85075	
Hurn	862	23602	65011	27407	20930	06703	82365		
Manston	797	33209	68021	25812	20931	09603	82362		
Gatwick	776	13106	57041	26910	00902	08501	81075		
Kew									
Heathrow	772	43004	61021	26611	35631	08001	83635		
Honington	586	22811	58011	25009	10932	07706	81363		
Wattisham	590	22911	59011	25309	10932	07705	81362		
Gorleston	497	62806	66031	24012	6097/	07706	86358		
Aberporth	502	32907	80021	28212	00902	09705	83075		
Filton	628	70000	72032	27810	15632	08602	81635	84363	85075
Rhoose	715	43003	80011	28208	10931	06000	81362	84075	
Hartland Point	703	13506	85021	28413	11600	08803	81830		
Mount Batten	827	43302	75011	28310	15632	08703	81635	84075	
St.Mawgan	817	33606	86021	28611	30930	09706	83362		
Scilly	804	40404	82031	29113	40930	10804	84360		
Culdrose	809	40305	66021	28909	25631	08705	82635	83362	
Guernsey	894	33607	83011	27710	00901	07807	83075		
Elmdon	534	22808	62011	26710	15741	06804	81650		
Cardington	559	32706	62011	26110	00902	07806	83075		
Wittering	462	33010	80011	25710	35500	07704	82626	83656	
Watnall	354	72405	70022	25510	755//	08808	82622	87645	
Shawbury	414	22608	75011	26508	20930	06709	82359		
Finningley	360	12405	62016	24311	10932	09708	81362		
Spurn Point	396	12715	66011	23512	10970	09809	81360		
Leeming	257	03008	84011	23811	00900	07606			
Tynemouth	262	32712	81021	22911	00904	08000	83075		
Carlisle	222	52706	81031	24611	15631	08502	81645	85075	
Valley	302	72509	82031	27613	755//	10605	87628		
Ringway	334	22706	70011	26212	15530	09604	81625		
Squires Gate	318	63013	75031	26213	38531	09602	81822	83650	
Ronaldsway	204	62808	82031	26411	00906	09605	86073		
Mull of Galloway	131	53012	82031	26411	55600	09505	85630		
Eskdalemuir	162	62708	82031	24409	12542	07505	81825	86074	
Prestwick	135	72810	75022	25112	65532	10502	82624	83634	85640
Abbotsinch	140	52609	80018	24411	38501	09000	81822	83075	
Leuchars	171	42712	82021	22010	10932	06102	81362	84070	
Dyce	091	83010	59601	20011	854//	09304	82712	88616	
Lerwick	005	73113	80031	18607	784//	03217	81815	86640	
Wick	075	73408	80026	20808	6553/	07217	81620	86634	87359
Sule Skerry	010	83412	74036	21109	2247/	06215	82810	88360	
Cape Wrath	049	80000	80258	21709	854//	09213	88615		
Stornoway	026	83108	70215	22912	854//	11209	82712	84618	88624
Benbecula	022	72915	80021	24312	754//	10204	82712	87633	
Tiree	100	72810	82022	24912	784//	10501	83812	87645	
Aldergrove	917	72707	80021	27111	754//	10803	83714	87618	
Malin	980	72712	82032	26313	55632	11502	85632	85070	
Belmullet	976	81913	56586	26313	863//	13712	86707	88712	
Birr	965	82106	66032	28512	854//	11802	83718	87634	
Dublin	969	72703	82016	27912	5553/	10500	85628	83360	
Shannon	962	62103	80012	28913	656//	11703	86640		
Roches Point	952	43305	82031	29511	45600	10701	84640		
Valentia	953	70000	84012	29512	756//	10703	87635		

OBSERVATIONS at 06h. 19 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	30000	65021	26905	10932	05501	81362	83075	
Hurn	862	43402	57284	26705	30972	04501	83362		
Manston	797	63009	60031	24511	10934	09500	81364	86075	
Gatwick	776	32703	66030	25906	00902	05501	83075		
Kew	775	53005	70021	25709	30941	07502	83365	83072	
Heathrow	772	62807	66031	25908	10932	07302	81362	85075	
Honington	586	42711	57011	24108	20932	07301	82360	83075	
Wattisham	590	32711	58011	24208	10932	07500	81362	83072	
Gorleston	497	42806	62031	22809	25604	07400	82630	84075	
Aberporth	502	53311	70031	27612	16342	10303	81708	84075	
Filton	628	50000	75011	27207	15632	06302	81645	84075	
Rhoose	715	60000	72011	27109	38471	07603	81816	83656	86075
Hartland Point	703	43403	85020	27013	18631	10503	81830	84360	
Mount Batten	827	10202	65400	27707	16102	07500	81702		
St.Mawgan	817	10000	82030	27810	15530	09602	81620		
Scilly	804	20705	82011	28312	20930	10500	82360		
Culdrose	809	30402	75031	28209	15531	07500	81625		
Guernsey	894	43607	80030	27110	31431	09500	83812		
Elmdon	534	42607	62011	25809	28432	07101	81815	83070	
Cardington	559	42706	64011	25207	00904	06500	84075		
Wittering	462	32910	66011	24707	20931	07301	82362		
Watnall	354	52504	59021	25007	40932	07301	84360		
Shawbury	414	62707	75031	26109	45532	08602	84622	83360	
Finningley	360	62707	65031	24109	50932	08305	85362	83075	
Spurn Point	396	53015	66031	23412	30956	09304	83360	85275	
Leeming	257	62910	84021	23611	40932	08500	84360	85075	
Tynemouth	262	72711	80021	23511	7097/	08306	87358		
Carlisle	222	72805	80022	24611	68472	09302	81818	86650	87362
Valley	302	73005	81022	27013	784//	10501	81817	87628	
Ringway	334	62702	70021	25711	45671	08302	81630	83650	
Squires Gate	318	73213	70021	25613	48471	10500	83815	83638	85360
Ronaldsway	204	62911	82032	26112	684/2	11301	82710	85636	
Mull of Galloway	131	63210	60011	26111	656//	10500	86630		
Eskdalemuir	162	62906	80012	24609	35432	07205	81715	83630	
Prestwick	135	53006	81012	25311	35579	09303	81620	83360	
Abbotsinch	140	62606	81018	24910	3567/	09305	81630	86362	
Leuchars	171	80505	62601	23711	7532/	08213	81709	83614	85624
Dyce	091	73006	80026	23608	754//	07317	81710	84618	85635
Lerwick	005	33304	81251	21706	33400	04215	81912		
Wick	075	23408	89021	23703	28500	03215	81820		
Sule Skerry	010	73505	85038	23709	785//	06213	84820	87625	
Cape Wrath	049	72702	84011	24508	25570	07212	82625	84360	
Stornoway	026	60000	75026	24711	653//	10209	81709	83616	85630
Benbecula	022	83309	68215	25112	7537/	11206	83708	85635	88360
Tiree	100	73009	80022	25411	754//	10315	82712	87648	
Aldergrove	917	72606	65156	26611	752//	10101	81704	83710	87624
Malin	980	73307	82032	26312	785//	11301	81820	87638	
Belmullet	976	82904	20586	25414	861//	13302	88702		
Birr	965	81907	30515	27512	863//	11603	88708		
Dublin	969	70802	68605	27412	762//	11204	83703	85717	87650
Shannon	962	81902	80022	27513	854//	11505	82712	85620	88640
Roches Point	952	70000	82021	28412	752//	10602	81704	87640	
Valentia	953	70000	75032	28412	754//	11503	81718	87630	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00050	51	+	+
Hurn	862	00030	00	+	f
Manston	797	00090	07	+	+
Gatwick	776	00040	01	+	+
Kew	775	00050	52	+	+
Heathrow	772	00070	04	+	+
Honington	586	00070	06	+	+
Wattisham	590	00060	03	+	+
Gorleston	497				
Aberporth	502	00110	07	+	+
Filton	628	00070	00	+	+
Rhoose	715	00070	03	+	+
Hartland Point	703	00120	09		
Mount Batten	827	00070	03	+	jf
St.Mawgan	817	00090	02	+	+
Scilly	804	00120	07	+	+
Culdrose	809	00070	03	+	+
Guernsey	894	00090	03	+	+
Elmdon	534	00080	05	+	+
Cardington	559	00050	00	+	+
Wittering	462	00070	05	+	+
Watnall	354	00070	03	+	+
Shawbury	414	00070	03	+	+
Finningley	360	00090	02	+	+
Spurn Point	396			+	+
Leeming	257	00080	03	+	+
Tynemouth	262	00091	07	+	+
Carlisle	222	00101	06	+	+
Valley	302	00110	08	+	+
Ringway	334	00090	06	+	+
Squires Gate	318	00130	10	+	jp
Ronaldsway	204	00100	09	+	+
Mull of Galloway	131	00111			
Eskdalemuir	162	00091	05	+	+
Prestwick	135	00101	06	+	+
Abbotsinch	140	97091	04	pr_o	+
Leuchars	171	01091	07	+	$r_or_od_or_or_orir_o$
Dyce	091	02081	05	$r_oRdrd_or_o$	+
Lerwick	005	91051	01	+	pr_o
Wick	075	92031	51	r_or_o	+
Sule Skerry	010	92081	05		
Cape Wrath	049	01071	01	+	+
Stornoway	026	91101	08	$ir_od_or_o$	d_or_o
Benbecula	022	91111	10	+	id_oir_o
Tiree	100	00111	10	+	+
Aldergrove	917	01101	10	$d_or_o-r_o$	r_ord_o
Malin	980	9711	07		
Belmullet	976	0112	12		
Birr	965	9211	11		
Dublin	969	9710	07		
Shannon	962	9713	10		
Roches Point	952	9711	08		
Valentia	953	9711	10		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19001	91905	92535	15811	9////	00303	89/01	/////	05111	11184	3////	28/03
L	99569	70197	19004	81413	97616	23712	6547/	00504	84710	86625	0//13	11296	30302	24805
M	99649	10027	19004	73528	97258	12806	79400	00220	/////	/////	05451	10998	30506	/////
R	99470	70168	19004	71112	97022	24018	756//	00603	87640	/////	0//16	11872	30605	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	19061	91505	93435	14111	9////	00808	89/02	/////	05011	11176	3//01	///03
L	99570	70197	19064	82412	97586	23013	853//	00303	86706	88620	0//13	11291	30201	23803
M	99648	10026	19064	73322	97258	16706	79400	00219	/////	/////	05750	11003	30505	/////
R	99470	70169	19064	70816	97022	21017	756//	00716	87640	/////	0//15	11863	30605	/////

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

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

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

42671 Date of Issue WEDNESDAY 20 SEPTEMBER 1978

Code FM 11.V OBSERVATIONS at 12h. 19 September 1978

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	53509	83021	27317	51509	08601	85828		
Hurn	862	23110	82010	27417	21630	07802	82830		
Manston	797	13209	75021	26415	12530	09210	81822		
Gatwick	776	33308	80021	26617	21631	08001	82830		
Kew	775	63509	75021	26817	64501	08204	85828		
Heathrow	772	33508	75021	26817	32600	08204	83830		
Honington	586	43210	75011	26414	21530	08110	82826	83360	
Wattisham	590	53313	64031	26314	58500	07212	84824		
Gorleston	497	73110	66021	25514	755//	09212	87625		
Aberporth	502	33307	81031	29314	32530	12210	83822		
Filton	628	40408	81011	28216	41602	09203	84830		
Rhoose	715	53205	75012	28216	58531	09103	85825		
Hartland Point	703	50106	70031	28515	38531	11102	82820	84075	
Mount Batten	827	50106	83031	28217	41501	11805	84828		
St.Mawgan	817	73508	83031	29016	58432	12101	84816	84075	
Scilly	804	30703	75021	29519	30931	12001	83360		
Culdrose	809	63205	75031	28916	31531	10801	83822	84365	
Guernsey	894	20210	84011	28115	11502	07002	81820		
Elmdon	534	73311	66031	27515	745//	07106	81825	87630	
Cardington	559	53506	62031	26916	58600	08107	84830		
Wittering	462	73609	75031	27015	745//	08211	82827	86635	
Watnall	354	70205	64021	27514	755//	09215	82622	87628	
Shawbury	414	63311	83011	27715	6854/	10107	83822	84645	
Finningley	360	73307	75021	27115	785//	09213	83825	87650	
Spurn Point	396	63514	66021	26613	4857/	10216	81820	84630	86360
Leeming	257	70209	72012	27314	785//	09215	84824	87650	
Tynemouth	262	60110	80022	27212	4563/	10213	84630	86358	
Carlisle	222	72606	81032	27115	5853/	10106	83823	84650	
Valley	302	63308	83022	29016	684//	11209	82812	85640	
Ringway	334	72605	70021	27815	785//	10208	83822	87640	
Squires Gate	318	23211	81011	28115	18541	11210	81820		
Ronaldsway	204	43105	81021	28115	48441	10209	81711	84822	
Mull of Galloway	131	23005	82011	28316	12540	12206	81820		
Eskdalemuir	162	73108	85031	27114	785//	08112	83825	86650	
Prestwick	135	72808	83021	27614	784//	11108	81816	87640	
Abbotsinch	140	63109	84021	27316	685//	10209	81820	86640	
Leuchars	171	42105	82036	27015	48500	09208	83820		
Dyce	091	43208	86021	26612	48500	06209	81820	83830	
Lerwick	005	63208	83028	25009	684//	03211	84814		
Wick	075	30508	89030	26312	31500	06306	83820		
Sule Skerry	010	43204	86031	26511	42500	07211	84820		
Cape Wrath	049	32702	84011	27111	38500	09209	82825		
Stornoway	026	73106	82022	26813	784//	08107	82818	83626	87635
Benbecula	022	73104	82026	27613	753//	12209	81709	87640	
Tiree	100	73206	80032	28113	754//	11210	81712	84617	85622
Aldergrove	917	72403	82031	28215	784//	12004	82712	83818	86620
Malin	980	20404	84011	28215	28401	11106	81819		
Belmullet	976	81603	60106	27615	863//	14106	84709	87716	87638
Birr	965	82204	50505	28214	863//	14400	88706		
Dublin	969	70000	68206	28515	763//	13301	81706	84709	86620
Shannon	962	82409	25515	28315	872//	15002	85703	86706	
Roches Point	952	81503	80022	29313	857//	12000	88650		
Valentia	953	82603	70102	29416	854//	14103	82715	88630	

OBSERVATIONS at 18h. 19 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	73605	68021	27815	755//	09309	87628		
Hurn	862	10107	65020	27416	15600	08307	81640		
Manston	797	70213	65151	26914	784//	11308	82812	83635	86656
Gatwick	776	70102	62021	27416	756//	08307	87645		
Kew	775	70305	60022	27416	756//	08308	87645		
Heathrow	772	73504	61031	27317	756//	08307	81635	87645	
Honington	586	33606	72031	28012	25731	08313	82656		
Wattisham	590	23610	58041	27712	25700	08214	82650		
Gorleston	497	53610	66011	27513	52500	06212	85825		
Aberporth	502	23306	84030	29113	21501	11303	82820		
Filton	628	70302	68021	28515	756//	10208	87640		
Rhoose	715	72403	83031	28416	785//	12309	82825	87645	
Hartland Point	703	43208	76021	28314	11508	12801	81820	84275	
Mount Batten	827	40107	82011	27717	15601	11304	81640	84075	
St.Mawgan	817	53607	82011	28414	11401	11302	81815	85075	
Scilly	804	20104	75020	28716	10931	12502	81360		
Culdrose	809	60107	75022	28415	11502	10301	81825	86070	
Guernsey	894	40202	84021	27814	00902	07201	84080		
Elmdon	534	73503	60042	28314	785//	09306	81820	87640	
Cardington	559	60304	50042	27814	38682	09311	81830	83650	85072
Wittering	462	60105	50042	28114	686//	08210	81835	86656	
Watnall	354	70000	64012	28114	756//	10307	87645		
Shawbury	414	23605	70011	28614	28500	11306	81828		
Finningley	360	70806	62032	27914	785//	10309	84826	87650	
Spurn Point	396	10104	62041	28412	18571	08208	81820		
Leeming	257	60304	70012	28113	686//	08206	83830	85650	
Tynemouth	262	60000	80021	28611	6093/	08207	86358		
Carlisle	222	72703	84022	27814	784//	11207	81816	86650	
Valley	302	13405	84021	29215	18401	11307	81815		
Ringway	334	22805	65011	28514	25700	10308	82650		
Squires Gate	318	33008	81020	28714	38401	11206	81818		
Ronaldsway	204	13105	84031	28715	15701	09308	81656		
Mull of Galloway	131	13106	84020	28614	10941	10303	81360		
Eskdalemuir	162	70000	84012	27713	785//	10302	84828	86650	
Prestwick	135	72507	84021	28214	785//	11303	81820	87645	
Abbotsinch	140	72902	83022	27815	685//	11205	81822	86640	
Leuchars	171	51306	80011	27212	58600	07303	83630	84650	
Dyce	091	71606	84031	27211	685/1	06206	81824	86630	
Lerwick	005	63005	84038	25606	18404	03604	81814	86080	
Wick	075	62902	83031	27010	38542	06305	81822	83640	85072
Sule Skerry	010	82706	84031	26511	48507	08500	82820	83625	88275
Cape Wrath	049	72703	84031	27311	756//	10301	87630		
Stornoway	026	82702	84022	27513	855//	08304	82620	88640	
Benbecula	022	72406	82035	28113	754//	10303	81710	87615	
Tiree	100	62604	81032	28113	58402	10602	81816	85645	
Aldergrove	917	62102	80031	28615	68500	12305	81820	86628	
Malin	980	31008	84010	28013	11502	10802	81820	83075	
Belmullet	976	72503	78032	27815	752//	13305	81705	83719	86640
Birr	965	50000	66205	28116	564/2	15303	83713	83636	
Dublin	969	71702	62045	28414	754//	11303	83714	86620	
Shannon	962	82903	65025	28416	863//	15305	81706	85708	86718
Roches Point	952	71504	80022	28814	756//	12500	87646		
Valentia	953	80000	70032	28916	864//	14303	85712	88630	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00170	096	+	+
Hurn	862	00190	104	+	+
Manston	797	00170	078	+	jp
Gatwick	776	00180	070	+	+
Kew	775	00180	070	+	+
Heathrow	772	00180	072	+	+
Honington	586	00160	084	+	+
Wattisham	590	00160	076	+	+
Gorleston	497		046		
Aberporth	502	00150	092	+	+
Filton	628	00180	076	+	+
Rhoose	715	00180	072	+	+
Hartland Point	703	00170	107		
Mount Batten	827	00190	085	+	+
St.Mawgan	817	00170	085	+	+
Scilly	804	00190	083	+	+
Culdrose	809	00171	087	+	+
Guernsey	894	00160	098	+	+
Elmdon	534	00160	033	+	+
Cardington	559	00170	074	+	+
Wittering	462	00160	042	+	+
Watnall	354	00160	023	+	+
Shawbury	414	00170	051	+	+
Finningley	360	00160	010	+	+
Spurn Point	396			+	+
Leeming	257	00150	013	+	+
Tynemouth	262	00131	051	+	+
Carlisle	222	00171	044	+	+
Valley	302	00170	079	+	jf
Ringway	334	00160	011	+	+
Squires Gate	318	00160	078	+	+
Ronaldsway	204	00170	101	+	+
Mull of Galloway	131	00171			
Eskdalemuir	162	00151	038	+	+
Prestwick	135	00161	049	+	+
Abbotsinch	140	00171	030	+	+
Leuchars	171	00161	037	+	+
Dyce	091	00141	093	+	+
Lerwick	005	96101	057	pr.	pr.
Wick	075	00131	098	+	+
Sule Skerry	010	00131			
Cape Wrath	049	00121	080	+	+
Stornoway	026	00141	003	+	+
Benbecula	022	97141	008	ir.	id.
Tiree	100	00151	012	jp	+
Aldergrove	917	00181	049	+	+
Malin	980	0015	098		
Belmullet	976	9717	011		
Birr	965	9416	001		
Dublin	969	9716	000		
Shannon	962	9716	000		
Roches Point	952	0015	000		
Valentia	953	0017	002		

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

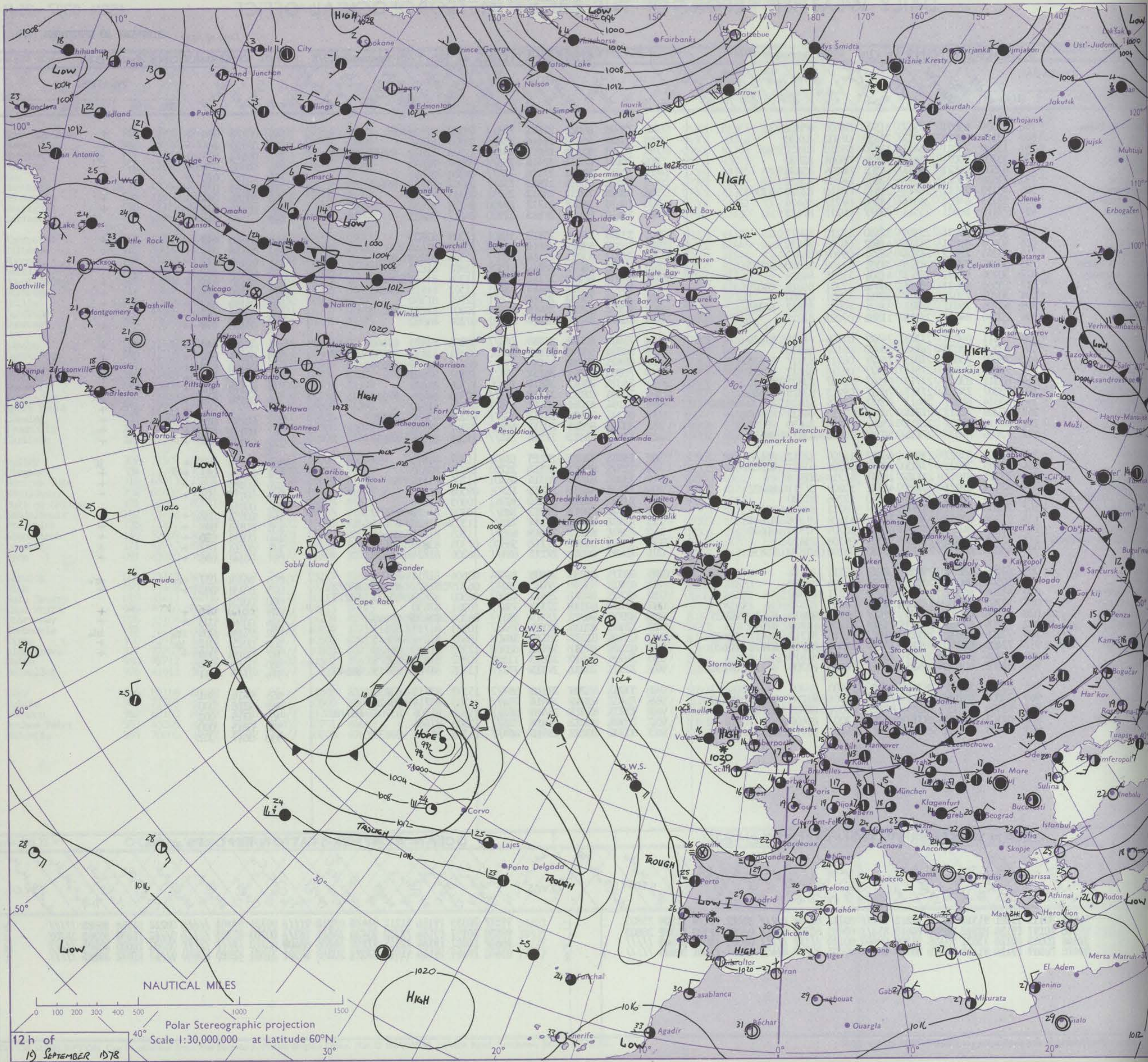
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	19121	91310	92475	12212	9////	00711	89/01	/////	00112	11174	30504	25803
	99570	70197	19124	82312	93506	24613	853//	00105	85708	88625	0//13	11300	30302	28803
	99648	10025	19124	73021	97158	19207	69460	00110	/////	/////	05651	11010	30505	/////
	99470	70169	19124	81118	96015	20718	2747/	00805	82713	88459	0//17	11861	30605	/////

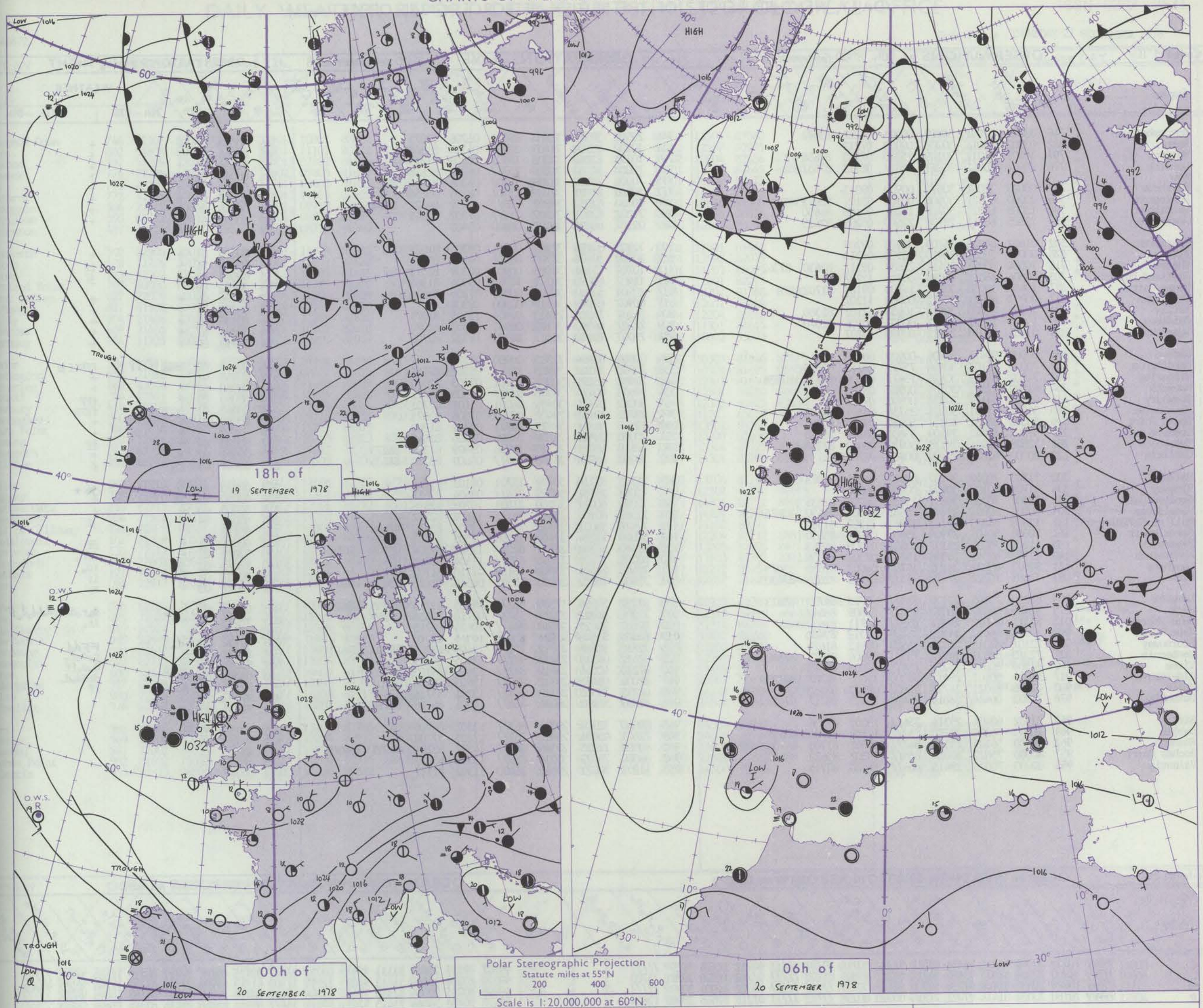
OCEAN WEATHER STATION REPORTS at 18h.

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	19181	91212	91475	07812	9////	00724	89/01	/////	00212	11154	30605	/////
	99570	70197	19184	72210	93426	24611	762//	00703	87703	/////	0//12	11309	30302	24703
	99647	10027	19184	72815	97258	18706	68408	00710	/////	/////	05702	11005	30404	/////
	99470	70169	19184	51612	97021	20219	58501	31501	82820	85640	0//17	11872	30605	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE





Issued at midday WEDNESDAY 20 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours an anticyclone over southwestern districts moved northeast to centre over South Wales. Shallow frontal troughs over west Scotland and Northern Ireland moved slowly east.

During the next 24 hours the anticyclone is expected to drift southeastwards into France but a ridge of high pressure will persist over most of the British Isles. Frontal troughs are expected to move southeastwards from Scotland into the North Sea.

Code FM 11.V

OBSERVATIONS at 00h. 20 September 1978

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	33602	57051	30809	00901	08212	83072		
Hurn	862	03302	58011	30208	00900	07212			
Manston	797	10102	81011	30109	15700	07113	81656		
Gatwick	776	70401	30041	30711	758//	08113	87657		
Kew									
Heathrow	772	00000	32051	30511	00900	09213			
Honington	586	20000	60021	30506	00901	05107	82075		
Wattisham	590	13005	65021	30707	15701	06109	81650		
Gorleston	497	22805	66021	29708	22500	05208	82825		
Aberporth	502	01602	84020	31109	00900	09209			
Filton	628	00000	58051	30910	00900	08213			
Rhoose	715	70504	80022	30411	2563/	09211	82630	87362	
Hartland Point	703	00506	86011	30014	00900	12207			
Mount Batten	827	10603	58030	30211	16100	09108	81702		
St.Mawgan	817	00803	80021	30412	00900	11207			
Scilly	804	10708	82020	30113	10930	12102	81360		
Culdrose	809	10405	70031	30211	00902	10106	81070		
Guernsey	894	03605	82010	29812	00900	10207			
Elmdon	534	00000	09411	30906	00900	06010			
Cardington	559	70000	25102	30608	757//	08111	87650		
Wittering	462	71802	28042	30610	756//	09108	84630	87656	
Watnall	354	61502	22102	30509	00902	08108	86070		
Shawbury	414	02202	56110	30308	00900	07005			
Finningley	360	31402	45101	30108	35730	08107	83650		
Spurn Point	396	50000	66031	30311	50970	09210	85360		
Leeming	257	51802	59042	29509	55600	08106	85640		
Tynemouth	262	32008	69021	29110	30930	08400	83358		
Carlisle	222	00000	62021	29108	00900	08207			
Valley	302	11303	70020	30507	00901	06106	81075		
Ringway	334	01704	40100	30808	00900	08007			
Squires Gate	318	12302	70020	30207	15630	06206	81635		
Ronaldsway	204	50000	80031	29709	15641	08005	81630	85075	
Mull of Galloway	131	12608	84020	29712	10941	11202	81360		
Eskdalemuir	162	30000	58401	29904	35600	04002	83630		
Prestwick	135	11202	75031	29107	10951	07000	81363		
Abbotsinch	140	12503	62041	28908	15701	07302	81656		
Leuchars	171	32603	65031	28105	15702	04003	81650	83075	
Dyce	091	72603	70022	27410	755//	07103	82626	87630	
Lerwick	005	82213	75505	23109	853//	07720	84709	88623	
Wick	075	82406	82032	26010	856//	07809	88642		
Sule Skerry	010	82312	84022	24911	855//	10711	88620		
Cape Wrath	049	72305	84012	25711	756//	10713	87630		
Stornoway	026	22107	82015	26110	15502	09812	81625		
Benbecula	022	72210	82031	26912	755//	09808	81625	87640	
Tiree	100	72106	80031	28211	754//	10805	87618		
Aldergrove	917	51806	50101	29612	56300	11002	82707	84709	
Malin	980	42006	82021	28710	35602	09802	83632		
Belmullet	976	71903	06464	28814	754//	13103	83717	87637	
Birr	965	71902	60104	29314	756//	13005	87636		
Dublin	969	70000	56284	29713	752//	12108	81704	87635	
Shannon	962	80000	56105	29515	862//	14002	81703	84706	88711
Roches Point	952	80000	75022	30014	855//	13302	85622	88640	
Valentia	953	80000	70025	29415	864//	14400	88715		

OBSERVATIONS at 06h. 20 September 1978

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	20502	30111	31606	00901	06206	82075		
Hurn	862	10000	25100	31405	10930	04310	81360		
Manston	797	10105	82010	31206	18401	05209	81815		
Gatwick	776	70000	16104	31806	757//	06308	87656		
Kew	775	70000	25112	31206	3573/	06306	83650	86359	
Heathrow	772	50000	21101	31209	55701	08205	85650		
Honington	586	70000	62031	30807	755//	07202	84622	87640	
Wattisham	590	72202	62031	31007	756//	07202	87645		
Gorleston	497	02507	66020	30107	00900	05400			
Aberporth	502	11505	80110	31109	00901	08305	81075		
Filton	628	10000	10404	31705	00901	04208	81075		
Rhoose	715	10704	45101	31008	00901	08309	81075		
Hartland Point	703	11407	66030	30211	10940	09304	81360		
Mount Batten	827	10904	50100	30808	00901	07209	81070		
St.Mawgan	817	00909	62020	30510	00900	08304			
Scilly	804	11207	75020	29613	00901	13505	81075		
Culdrose	809	20707	56100	30109	00902	09303	82070		
Guernsey	894	21007	70030	30413	26300	10307	82706		
Elmdon	534	00000	01464	31303	00900	03101			
Cardington	559	70000	20102	30905	756//	05500	87645		
Wittering	462	22406	15101	30307	00901	07703	82075		
Watnall	354	92606	00474	30306	9////	06505	89///		
Shawbury	414	30000	02424	30605	26001	05601	82701		
Finningley	360	22702	10101	29407	00902	07506	82075		
Spurn Point	396	12107	56051	28911	10971	08712	81360		
Leeming	257	20000	08464	28808	25600	08506	82645		
Tynemouth	262	62610	61021	27610	10936	09809	81359	86275	
Carlisle	222	70000	65014	28408	754//	08609	83710	86635	
Valley	302	21505	82110	30409	15301	08103	81707		
Ringway	334	71803	25101	30509	754//	09604	87617		
Squires Gate	318	32006	60021	30110	21401	10701	82818		
Ronaldsway	204	72502	60101	29411	761//	11602	82702	87703	
Mull of Galloway	131	72410	58031	29112	754//	12503	83610	87630	
Eskdalemuir	162	50000	12284	29402	55200	02505	81703	85638	
Prestwick	135	82410	56101	28013	862//	12505	83704	86705	88707
Abbotsinch	140	83302	50101	27811	852//	11504	85705	87618	
Leuchars	171	72408	20401	25708	16138	07710	81702	87275	
Dyce	091	72406	75022	24609	15502	06515	81625	83073	87075
Lerwick	005	82222	50596	17609	852//	09735	81703	85705	88615
Wick	075	72308	84022	22211	3573/	08718	83656	87359	
Sule Skerry	010	82532	70022	20512	864//	10624	88715		
Cape Wrath	049	82322	57505	21811	870//	10714	88701		
Stornoway	026	72110	50586	23712	752//	12609	83705	85708	87613
Benbecula	022	92412	04515	25113	9////	13505	89/01		
Tiree	100	82210	40516	26912	862//	12604	86703	88706	
Aldergrove	917	82006	05465	29112	860//	12603	85700	88701	
Malin	980	82312	70505	28113	864//	13201	85716	87638	
Belmullet	976	82203	56105	28414	863//	14501	84708	88714	
Birr	965	80000	32104	29514	863//	13302	88706		
Dublin	969	72601	45404	29613	761//	12203	87702		
Shannon	962	80000	11285	29514	860//	14302	83701	83705	88630
Roches Point	952	80000	75022	30214	855//	13303	88627		
Valentia	953	11203	70021	29512	16400	11302	81717		

OBSERVATIONS during NIGHT

Station	iii	$R_RT_nT_nE$	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00060	00	+	+
Hurn	862	00040	02	+	+
Manston	797	97050	01	+	+
Gatwick	776	00040	01	if	+
Kew	775	00040	51	+	+
Heathrow	772	00080	03	+	+
Honington	586	00040	00	+	+
Wattisham	590	00050	51	+	+
Gorleston	497				
Aberporth	502	00070	01	+	+
Filton	628	00040	51	+	if
Rhoose	715	00070	03	+	jf
Hartland Point	703	00110	09		
Mount Batten	827	00070	04	+	+
St.Mawgan	817	00090	06	+	+
Scilly	804	00130	10	+	+
Culdrose	809	00091	07	+	+
Guernsey	894	00110	03	+	+
Elmdon	534	00030	00	~~iffff~~ jfiff	ffFifjf
Cardington	559	00050	01	+	+
Wittering	462	00060	02	+	+
Watnall	354	00060	02	+	fFF
Shawbury	414	00040	01	iffF	ffFF
Finningley	360	00060	01	+	+
Spurn Point	396			+	+
Leeming	257	00070	04	+	ff
Tynemouth	262	00091	07	+	+
Carlisle	222	00061	01	fFf	f
Valley	302	00070	05	jf	~~jf~~ +
Ringway	334	00080	05	jf	+
Squires Gate	318	00060	03	+	+
Ronaldsway	204	00071	04	+	jf
Mull of Galloway	131	00111			
Eskdalemuir	162	00021	51	f	ff
Prestwick	135	97071	02	+	d_or_o
Abbotsinch	140	97071	02	jf	id_o
Leuchars	171	00051	01	+	if
Dyce	091	00081	03	+	+
Lerwick	005	06052	01	d_od_o	$r_odrrrdddd_oF$
Wick	075	97091	07	+	ir_o
Sule Skerry	010	01112	09		
Cape Wrath	049	01102	09	id_o	FFdd
Stornoway	026	93091	06	d_o	$r_od_or_o$
Benbecula	022	93091	06	d_od_o	d_od_off
Tiree	100	01081	03	+	$drdd_od_o$
Aldergrove	917	97111	05	fd_of	ff
Malin	980	9709	07		
Belmullet	976	9713	13		
Birr	965	9713	09		
Dublin	969	9712	05		
Shannon	962	9714	14		
Roches Point	952	0013	13		
Valentia	953	9711	07		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	20001	91211	91454	05512	9////	00715	89/01	/////	00212	11176	3//04	/////
L	99570	70200	20004	62005	93465	24712	662//	61802	86703	/////	0//12	11300	30201	24703
M	99647	10029	20004	82428	97038	14808	884//	00729	/////	/////	05304	11005	30506	/////
R	99469	70168	20004	01414	97021	21918	00900	00206	/////	/////	0//18	11866	30000	12604

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	20061	91111	92435	00212	9////	00725	89/01	/////	00212	11164	3//05	/////
L	99570	70206	20064	51612	95205	22712	57300	61713	85706	/////	0//12	11264	30202	99/02
M	99645	10035	20064	82330	97616	07808	5742/	00726	/////	/////	05207	10978	30606	/////
R	99470	70170	20064	71415	97021	22018	756//	00301	83640	87656	0//17	11875	30603	////

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

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

42672

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue THURSDAY 21 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 20 September 1978

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	32107	60050	31718	32501	10801	83822		
Hurn	862	51808	60011	31918	58501	11102	83822	83656	
Manston	797	52206	73011	31416	15601	07802	81645	85078	
Gatwick	776	72706	60021	31718	12602	09805	81840	87080	
Kew	775	42305	45051	31617	11501	09803	81825	84078	
Heathrow	772	42504	45051	31617	11501	11803	81820	83078	
Honington	586	72512	70031	30017	31501	09710	83828	86075	
Wattisham	590	62712	59042	30416	31501	08809	83827	84075	
Gorleston	497	42710	60021	29616	40970	08715	84360		
Aberporth	502	62906	75031	32115	11541	11109	81822	86075	
Filton	628	12706	57050	31918	11501	11001	81828		
Rhoose	715	62002	59051	32018	11501	10103	81825	86075	
Hartland Point	703	40000	66030	31715	10931	11309	81360	84075	
Mount Batten	827	72009	60051	32018	48504	11208	83824	86075	
St.Mawgan	817	41508	58050	31817	42501	13107	84820		
Scilly	804	21408	75030	31818	25500	11205	82620		
Culdrose	809	31405	62050	31917	31401	10207	83818		
Guernsey	894	11705	80020	32116	11401	09205	81818		
Elmdon	534	62712	66024	30718	41601	09706	84830	84075	
Cardington	559	72609	57051	30618	58501	08607	83825	84630	87080
Wittering	462	42614	59041	29717	21501	11809	82828	83075	
Watnall	354	72511	62024	30216	11501	11705	81820	87075	
Shawbury	414	72707	72024	30917	48531	11701	83824	87075	
Finningley	360	72610	70031	28818	11658	09710	81835	87075	
Spurn Point	396	42610	50050	28617	00904	11711	84075		
Leeming	257	72611	84014	27816	785/2	10810	81823	87650	
Tynemouth	262	62720	69022	25615	20936	12822	82358	86275	
Carlisle	222	82712	65212	28514	853//	13803	86708	88615	
Valley	302	72212	70021	31215	763//	13104	82707	87710	
Ringway	334	72406	40041	30915	754//	11301	84618	87650	
Squires Gate	318	82711	75021	30615	884//	13001	81712	85815	88635
Ronaldsway	204	72311	62012	30116	56432	14303	85710	83362	85075
Mull of Galloway	131	82406	08504	29913	871//	13305	83702	88705	
Eskdalemuir	162	82109	50502	28113	872//	12703	88704		
Prestwick	135	72512	50516	28514	750//	13101	81701	84703	87714
Abbotsinch	140	72608	65505	28015	753//	12002	82708	85712	87617
Leuchars	171	72716	86024	24719	18532	12704	81820	87075	
Dyce	091	72917	89022	22120	18531	13607	81824	83360	87075
Lerwick	005	82824	20506	15611	872//	10306	85703	88708	
Wick	075	72827	84216	20316	7543/	13704	85715	84630	
Sule Skerry	010	82924	12515	20712	872//	12304	88704		
Cape Wrath	049	92419	03505	22512	9////	11205	89/00		
Stornoway	026	82617	56506	24213	852//	13400	82703	85705	88614
Benbecula	022	82712	09505	26913	860//	13204	87701	88703	
Tiree	100	82514	60036	27614	860//	14400	81701	83702	88704
Aldergrove	917	82308	50024	29916	852//	15202	82705	84710	88622
Malin	980	72716	75025	29416	754//	14103	82717	87636	
Belmullet	976	82207	83032	30116	854//	13207	83719	88637	
Birr	965	82402	20506	30615	862//	15103	87705	88708	
Dublin	969	72706	80031	30317	785//	13204	82822	87630	
Shannon	962	73002	80034	30818	785//	14202	83820	87635	
Roches Point	952	81602	75022	31616	854//	14204	82715	88628	
Valentia	953	31810	86020	30919	32500	15206	83822		

OBSERVATIONS at 18h. 20 September 1978

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	72903	59051	30816	00901	11504	87080		
Hurn	862	52408	56051	30817	00902	12507	85075		
Manston	797	72110	62022	29814	25702	10604	82656	87075	
Gatwick	776	62306	62031	30615	14601	11501	81645	86080	
Kew	775	42405	59021	30117	00901	09501	84075		
Heathrow	772	62404	50051	30017	00904	11502	86078		
Honington	586	72609	59032	28416	10932	10604	81360	87075	
Wattisham	590	62811	57042	28716	00901	10606	86075		
Gorleston	497	52405	48011	27816	50970	10707	85360		
Aberporth	502	12707	82011	31914	15601	12501	81640		
Filton	628	72707	64051	30917	00901	12502	87075		
Rhoose	715	62807	68032	30915	00901	11703	86075		
Hartland Point	703	20000	66050	31515	00901	11601	82075		
Mount Batten	827	72105	62051	31615	10931	12702	81368	87080	
St.Mawgan	817	40105	59051	31616	32531	12601	83824		
Scilly	804	11206	70020	32016	11401	12204	81818		
Culdrose	809	20803	62050	32115	11401	11301	81815		
Guernsey	894	50105	65031	31715	00902	10602	85075		
Elmdon	534	72913	66022	29917	15632	10303	81640	87075	
Cardington	559	72509	58051	29517	6853/	10501	81825	86656	
Wittering	462	72911	65021	28917	15631	12301	81640	84362	86075
Watnall	354	72807	75012	29116	18531	12501	81820	86075	
Shawbury	414	52908	80031	30016	34504	12302	81825	83635	85075
Finningley	360	72710	62032	28416	55702	11303	85650	87075	
Spurn Point	396	52714	56051	27516	40971	13502	84360		
Leeming	257	42711	65041	28115	45701	13208	83650		
Tynemouth	262	42616	69021	26816	13531	13314	81925	83358	
Carlisle	222	72609	62022	28415	753//	14301	82706	83711	87630
Valley	302	42007	70031	31114	45302	13704	81707	84630	
Ringway	334	72810	62031	30415	754//	12202	81710	87613	
Squires Gate	318	72912	70012	30115	754/1	14801	81712	86645	
Ronaldsway	204	72607	57502	30414	753//	14201	82706	83622	85636
Mull of Galloway	131	93509	02515	30214	9////	14102	89///		
Eskdalemuir	162	62713	75015	28214	684//	12204	83712	84818	85640
Prestwick	135	72604	62015	29114	753//	13205	82706	84712	86618
Abbotsinch	140	62710	68205	28215	653//	13103	82707	83711	85640
Leuchars	171	22812	89021	25618	15841	12212	81657		
Dyce	091	32616	89031	23317	38501	12307	81825	83645	
Lerwick	005	82817	30515	17810	850//	09312	82701	86703	88613
Wick	075	72927	80602	21813	754//	12312	84710	86632	
Sule Skerry	010	83220	16505	22411	6722/	11214	86704	88458	
Cape Wrath	049	92319	01435	21312	9////	11210	89/00		
Stornoway	026	22712	82015	25815	15630	13308	81630		
Benbecula	022	92610	04455	27612	9////	12304	89/01		
Tiree	100	72511	65022	28714	751//	13305	82702	87616	
Aldergrove	917	72504	80018	30116	754//	14001	83618	87620	
Malin	980	82609	08504	30014	860//	14204	86701	88704	
Belmullet	976	11908	84011	30015	15600	14500	81640		
Birr	965	70000	59105	31216	764//	14302	87712		
Dublin	969	72904	66022	30417	754//	14500	83716	87630	
Shannon	962	80403	75022	30618	855//	15501	88622		
Roches Point	952	11003	82011	31616	18400	12602	81817		
Valentia	953	21710	80020	30516	25500	14500	82628		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00180	074	+	+
Hurn	862	00180	056	+	+
Manston	797	00180	063	+	+
Gatwick	776	00190	078	+	+
Kew	775	00190	08[illegible]	+	+
Heathrow	772	00200	081	+	+
Honington	586	00180	046	+	+
Wattisham	590	00180	057	+	+
Gorleston	497		064		
Aberporth	502	00160	108	+	+
Filton	628	00190	097	+	+
Rhoose	715	00190	103	+	+
Hartland Point	703	00170	106		
Mount Batten	827	00190	099	+	+
St.Mawgan	817	00190	099	+	+
Scilly	804	00190	108	+	+
Culdrose	809	00190	101	+	+
Guernsey	894	00180	105	+	+
Elmdon	534	00190	080	+	+
Cardington	559	00200	086	+	+
Wittering	462	00190	096	+	+
Watnall	354	00180	066	f	+
Shawbury	414	00190	057	+	+
Finningley	360	00190	093	+	+
Spurn Point	396			+	+
Leeming	257	00180	054	+	+
Tynemouth	262	00170	075	+	+
Carlisle	222	97151	001	r_o	+
Valley	302	97160	067	+	d_o
Ringway	334	97170	055	+	d_o
Squires Gate	318	91161	022	+	$id_ordr_or_o$
Ronaldsway	204	97171	016	+	d_od_o
Mull of Galloway	131	01151			
Eskdalemuir	162	97151	000	d_o	+
Prestwick	135	92151	000	d_o–d_od_o	+
Abbotsinch	140	97171	003	id_o	id_o
Leuchars	171	00210	090	+	+
Dyce	091	00211	041	+	+
Lerwick	005	01112	000	$d_od_oid_o$	$id_oddd_od_o$
Wick	075	97171	027	ir_o	ir_o
Sule Skerry	010	01121			
Cape Wrath	049	93121	000	id_off	id_off
Stornoway	026	97161	033	$d_or_oid_o$	+
Benbecula	022	97131	000	$ffd_od_oid_of$	$d_od_offid_o$
Tiree	100	97151	005	id_o	if
Aldergrove	917	97181	000	$ffpr_o$	pr_o
Malin	980	9117	003		
Belmullet	976	0018	041		
Birr	965	9116	000		
Dublin	969	9718	017		
Shannon	962	9719	004		
Roches Point	952	0017	030		
Valentia	953	9720	101		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

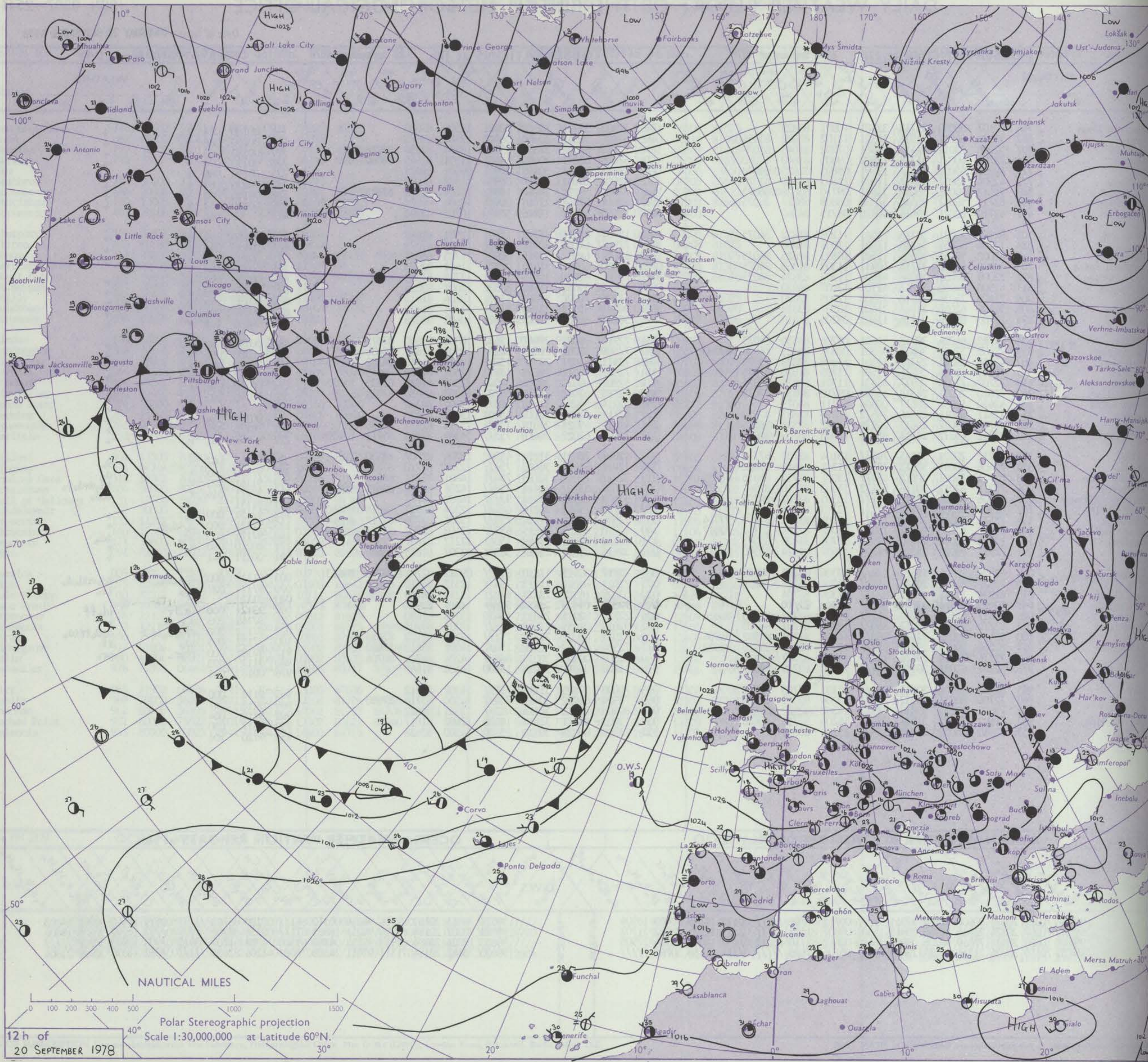
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	20121	90607	91456	97911	9////	00712	89/01	/////	00112	11148	30403	18904
	99570	70207	20124	21415	96055	20813	15531	00807	81625	/////	0//11	11275	30302	21703
	99649	10032	20124	72819	98206	03909	78400	00612	82710	83812	0//08	11067	30504	27905
	99470	70169	20124	71316	97032	23419	755//	00106	87623	/////	0//17	11850	30703	/////

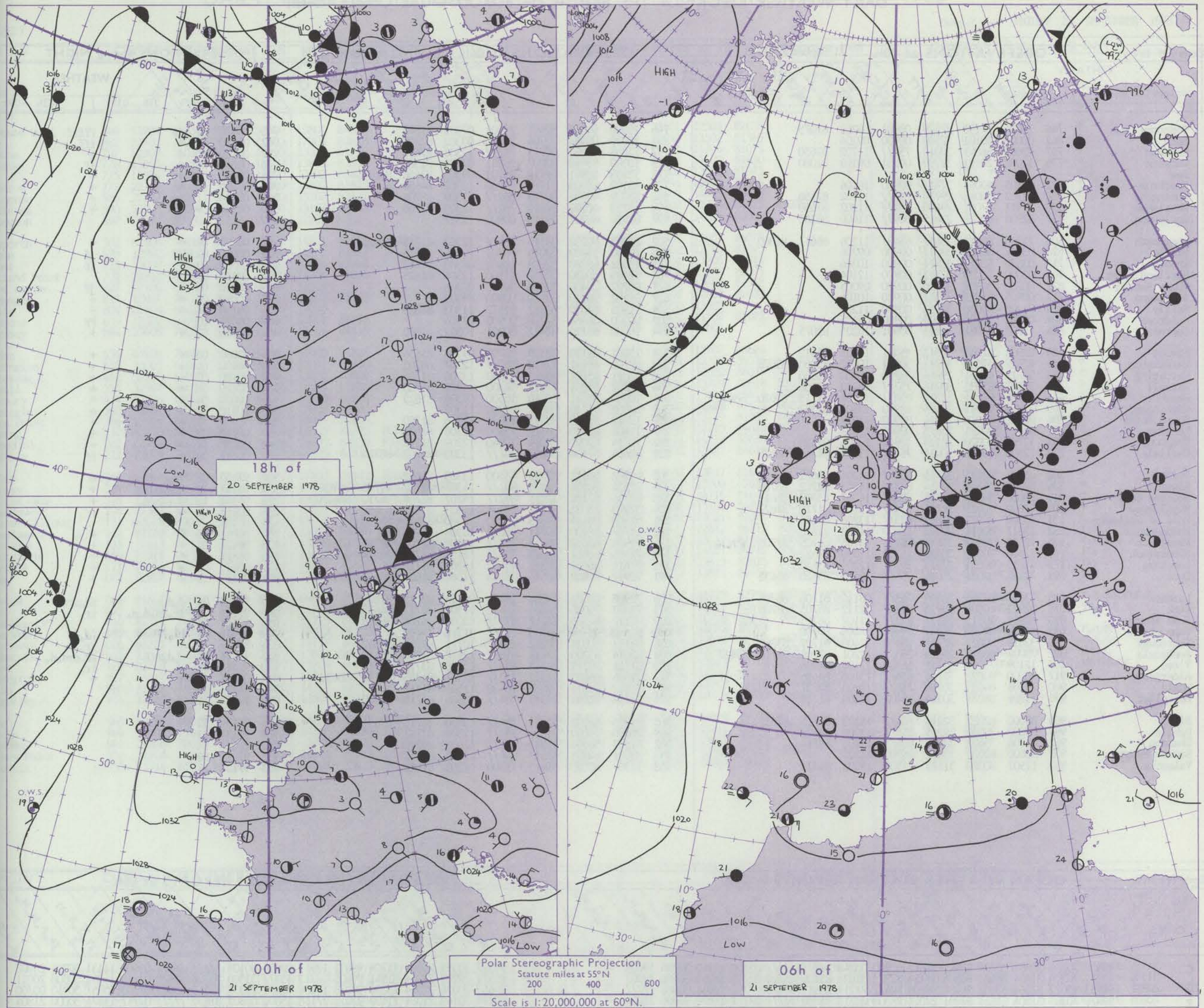
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	20181	82506	96214	00312	861//	00220	88703	/////	00111	11160	30201	14803
	99571	70207	20184	81520	94211	16813	871//	00726	88702	/////	0//13	11292	30405	19806
	99652	10026	20184	62933	98258	04707	69300	71318	81707	83912	0//03	10973	30707	/////
	99470	70168	20184	71511	97011	24519	756//	41206	87633	/////	0//17	11870	30000	21804

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 21 SEPTEMBER 1978

During the past 24 hours the anticyclone has remained almost stationary over southern parts of the British Isles. Weak troughs of low pressure over Scotland moved southeast into Scandinavia and Germany.

During the next 24 hours pressure is expected to remain high in the south but a trough of low pressure is likely to move east into the Hebrides and northern Scotland.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 21 September 1978

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	13004	57101	32509	00901	09203	81075		
Hurn	862	00000	30101	32509	00900	09204			
Manston	797	72607	56051	30313	757//	11702	87650		
Gatwick	776	12002	20111	31709	00901	09103	81080		
Kew									
Heathrow	772	02805	40051	31411	00900	10104			
Honington	586	72707	56052	29714	757//	11102	87656		
Wattisham	590	72911	57042	29815	757//	11202	87650		
Gorleston	497	82908	60022	28815	8097/	11400	88360		
Aberporth	502	71705	60111	33411	6543/	11206	86617	86360	
Filton	628	03202	60011	33011	00900	09206			
Rhoose	715	03502	62011	32811	00900	10206			
Hartland Point	703	00000	70020	32713	00900	12104			
Mount Batten	827	00000	30101	33310	00900	09005			
St.Mawgan	817	00905	65021	33311	00900	10104			
Scilly	804	01205	65020	33413	00900	11209			
Culdrose	809	00802	50100	33509	00900	09105			
Guernsey	894	21103	65021	33213	00901	10205	82075		
Elmdon	534	22906	62041	32012	15401	10105	81612		
Cardington	559	42507	57051	30711	30931	10002	83360	83078	
Wittering	462	32812	62011	29814	35700	12000	83650		
Watnall	354	72607	62031	30714	757//	13103	87656		
Shawbury	414	82506	68031	32312	854//	11207	81713	83616	88620
Finningley	360	12811	60011	29415	10940	13102	81363		
Spurn Point	396	02912	64011	29014	00900	13208			
Leeming	257	02813	80021	28815	00900	13202			
Tynemouth	262	12708	80020	28114	10940	13207	81359		
Carlisle	222	72506	70032	30414	754//	13209	84713	86650	
Valley	302	81905	62025	32515	855//	14204	88622		
Ringway	334	82805	25585	31814	871//	14203	81702	88708	
Squires Gate	318	83008	58106	31915	853//	14207	83709	88613	
Ronaldsway	204	72802	70025	31714	754//	13103	81712	87627	
Mull of Galloway	131	83309	80025	31813	855//	13208	88625		
Eskdalemuir	162	12817	80011	29613	12500	11702	81820		
Prestwick	135	72503	70012	31114	752//	14106	81705	87706	87616
Abbotsinch	140	12506	70011	30312	15531	11008	81622		
Leuchars	171	42815	80011	27915	35701	12209	83650		
Dyce	091	72814	82031	25816	755//	12108	85620	86632	
Lerwick	005	73015	68205	21609	763//	08114	81706	86708	
Wick	075	82922	60506	25113	872//	12112	85705	88708	
Sule Skerry	010	82911	10515	25411	872//	11107	88703		
Cape Wrath	049	92711	02455	26611	9////	11206	89/00		
Stornoway	026	32610	80021	27712	16330	12400	81707	83362	
Benbecula	022	72007	66015	29013	753//	12201	82706	84710	87617
Tiree	100	12109	75014	30112	16330	12400	81706		
Aldergrove	917	80000	80022	31714	854//	13105	88616		
Malin	980	71706	84035	30714	756//	12803	87637		
Belmullet	976	11906	81031	30314	16402	13603	81718		
Birr	965	80000	62022	32215	864//	14203	86715	87631	
Dublin	969	80000	70032	32215	855//	13006	88623		
Shannon	962	81706	75022	32315	864//	13105	88714		
Roches Point	952	00000	82020	33012	00900	11205			
Valentia	953	11507	80020	31813	11500	12002	81828		

OBSERVATIONS at 06h. 21 September 1978

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	10000	04424	32607	15601	07301	81645		
Hurn	862	20000	03464	32704	26000	03302	82700		
Manston	797	72808	40052	30713	757//	12308	87650		
Gatwick	776	10000	05410	32007	10931	07304	81366		
Kew	775	52203	20101	31710	35701	09305	83656	83075	
Heathrow	772	42102	40100	31710	45730	10307	84650		
Honington	586	83009	40052	30713	862//	12309	88704		
Wattisham	590	73213	40102	30513	762//	12305	87705		
Gorleston	497	02910	60011	29713	00900	11317			
Aberporth	502	82203	80032	33113	854//	12302	81715	88625	
Filton	628	10000	13400	33010	00901	10304	81075		
Rhoose	715	13502	68280	32809	18401	08303	81815		
Hartland Point	703	12405	60030	32812	11500	12301	81825		
Mount Batten	827	00702	30400	33408	00900	07303			
St.Mawgan	817	01502	50110	33510	00900	09302			
Scilly	804	11305	62030	33512	11572	11303	81820		
Culdrose	809	00000	00464	33708	00900	07304			
Guernsey	894	10000	65110	33412	00901	10302	81080		
Elmdon	534	13601	61110	32109	15701	09306	81656		
Cardington	559	82702	40101	31413	862//	12307	88705		
Wittering	462	23011	45101	30813	25200	13206	81705		
Watnall	354	52802	59031	31214	56300	13309	85708		
Shawbury	414	10000	59111	32410	15500	09306	81625		
Finningley	360	02502	61110	30612	00900	11309			
Spurn Point	396	12812	58050	30113	10971	12306	81360		
Leeming	257	11608	82020	30312	15500	11308	81620		
Tynemouth	262	12714	69020	29014	10940	12209	81358		
Carlisle	222	82604	57104	30813	861//	13303	82702	88704	
Valley	302	41902	60111	32513	45500	13303	84622		
Ringway	334	82504	20106	32115	861//	14307	82702	85703	88704
Squires Gate	318	82706	57102	32115	852//	14207	82704	86710	88625
Ronaldsway	204	32903	75031	31812	38401	11303	81712	83650	
Mull of Galloway	131	52603	05424	31613	25530	13500	82620	85360	
Eskdalemuir	162	41707	50100	30711	36330	10306	83708		
Prestwick	135	71904	62012	30613	752//	13000	81703	83712	87614
Abbotsinch	140	72505	68021	30213	753//	12101	81707	83714	86650
Leuchars	171	22611	86021	28311	15432	11205	81710		
Dyce	091	72912	86012	26415	35538	11501	81625	83657	87275
Lerwick	005	72906	68021	24808	25402	06215	82615	87070	
Wick	075	71802	70025	26012	45472	11307	82712	84635	86360
Sule Skerry	010	82712	60505	25212	6737/	12000	86706	88458	
Cape Wrath	049	92413	04455	24812	9////	11716	89/00		
Stornoway	026	52111	80021	26312	2543/	10711	81712	85362	
Benbecula	022	82014	65205	27113	853//	12612	81706	85710	88614
Tiree	100	81711	80211	28813	854//	13708	83712	88617	
Aldergrove	917	71606	65022	31512	752//	12501	81705	85710	86632
Malin	980	21812	89011	29813	16430	11504	81712		
Belmullet	976	71918	72031	29315	764//	13606	84712	87640	
Birr	965	81905	62032	31814	864//	13500	86713	87631	
Dublin	969	70000	75032	31914	764//	12301	87717		
Shannon	962	81507	58101	31913	862//	11601	88705		
Roches Point	952	83201	60101	33113	864//	12304	88712		
Valentia	953	11307	80020	31813	11500	12303	81823		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_h$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00070	01	jf	Fffif
Hurn	862	00030	02	+	iff
Manston	797	00120	10	+	+
Gatwick	776	00060	04	+	if
Kew	775	00080	02	+	+
Heathrow	772	00090	05	+	+
Honington	586	00130	11	+	+
Wattisham	590	00130	09	+	+
Gorleston	497				
Aberporth	502	00100	06	+	+
Filton	628	00070	01	jf	jf
Rhoose	715	00080	03	+	if
Hartland Point	703	00120	09		
Mount Batten	827	00070	03	+	jf
St.Mawgan	817	00090	04	+	+
Scilly	804	00110	06	+	+
Culdrose	809	00070	03	+	FF
Guernsey	894	00110	02	+	+
Elmdon	534	00080	05	+	+
Cardington	559	00100	05	+	+
Wittering	462	00120	02	+	+
Watnall	354	00120	08	+	+
Shawbury	414	00080	04	+	+
Finningley	360	00110	05	+	+
Spurn Point	396			+	+
Leeming	257	00110	07	+	+
Tynemouth	262	00130	12	+	+
Carlisle	222	00121	08	+	ff
Valley	302	97130	08	id$_o$	+
Ringway	334	94141	13	d$_o$d$_o$d$_o$r$_o$	+
Squires Gate	318	94141	13	d$_o$r$_o$drd$_o$	+
Ronaldsway	204	00111	08	+	+
Mull of Galloway	131	00121			
Eskdalemuir	162	00091	05	+	+
Prestwick	135	00121	07	+	+
Abbotsinch	140	00111	06	+	+
Leuchars	171	00110	08	+	+
Dyce	091	00150	10	+	+
Lerwick	005	95072	05	d$_o$d$_o$	id$_o$ir$_o$
Wick	075	97111	09	ir$_o$id$_o$d$_o$d$_o$	ir$_o$
Sule Skerry	010	93111	11		
Cape Wrath	049	96101	11	id$_o$ff	id$_o$ff
Stornoway	026	97111	10	+	ir$_o$
Benbecula	022	95111	11	d$_o$d$_o$ffF	id$_o$drd$_o$d$_o$
Tiree	100	92111	09	+	ir$_o$
Aldergrove	917	00111	11	+	+
Malin	980	9112	09		
Belmullet	976	9714	12		
Birr	965	0013	12		
Dublin	969	0013	11		
Shannon	962	9712	11		
Roches Point	952	9711	06		
Valentia	953	9712	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	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21001	02709	98011	10512	00900	00248	/////	/////	05106	11140	3//04	19/05
L	99572	70204	21004	81628	96606	11114	873//	31628	83706	88720	0//14	11263	30606	18907
M	99653	10027	21004	83138	98038	08206	884//	71219	83815	87625	0//01	10941	30808	/////
R	99470	70169	21004	21610	97031	27018	28500	00213	81820	/////	0//17	11876	30000	21804

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	21061	71706	98031	13911	00904	00108	/////	/////	05009	11131	30201	26903
L	99571	70202	21064	81941	96606	07713	853//	31506	86708	88620	0//13	11252	30808	20011
M	99653	10026	21064	73236	98028	13906	78401	71333	85815	83622	0//03	10957	30910	00/00
R	99470	70169	21064	21408	97010	27118	15600	00802	81630	/////	0//17	11874	30000	21804

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

42673

Date of Issue FRIDAY 22 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 21 September 1978

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	53204	81034	33220	58500	13801	84822		
Hurn	862	22702	78024	33320	21500	12803	82828		
Manston	797	12909	56051	32318	16400	13204	81710		
Gatwick	776	13303	66024	32419	18600	13803	81835		
Kew	775	12304	56051	32719	11500	13802	81822		
Heathrow	772	22704	58051	32520	28500	14803	81825		
Honington	586	32707	68011	31820	31500	13102	83822		
Mattishall	590	33208	59041	31919	31500	13102	83825		
Gorleston	497	00210	60050	31516	00900	12207			
Aberporth	502	62806	70012	33916	685//	14801	81820	85640	
Filton	628	12702	70020	33519	11500	14802	81825		
Khoose	715	13008	66020	33818	18400	13001	81818		
Hartland Point	703	22708	58020	34315	21500	14204	82825		
Mount Batten	827	02106	62050	34118	00900	12502			
St.Mawgan	817	12804	70020	34319	11500	11102	81825		
Scilly	804	01808	62020	34518	00900	13000			
Culdrose	809	12302	60054	34418	11400	10001	81818		
Guernsey	894	13406	72030	34317	11400	11005	81810		
Elmdon	534	63108	70031	32918	61500	11000	86828		
Cardington	559	33003	61051	32320	32600	13001	83830		
Wittering	462	32707	64040	31920	31500	13002	83824		
Watnall	354	32507	75031	31720	31500	14801	83825		
Shawbury	414	62503	66021	32418	655//	13803	86626		
Finningley	360	32809	70030	31021	38600	13802	82830		
Spurn Point	396	12906	66020	31318	11500	13001	81825		
Leeming	257	62710	86031	30719	11504	13603	81825	86080	
Tynemouth	262	62714	80021	29917	11636	13400	81830	85360	
Carlisle	222	72609	70022	30617	784/2	14805	81818	85622	86645
Valley	302	62011	70011	32917	684//	14803	81812	86620	
Ringway	334	82606	45042	32816	853//	14601	81707	86621	88640
Squires Gate	318	72608	65012	32716	784//	15000	81815	87630	
Ronaldsway	204	22307	64011	32117	28401	14801	81716		
Mull of Galloway	131	62018	80034	31116	25633	14704	82630	83360	86075
Eskdalemuir	162	82210	58021	30315	854//	13802	85710	88635	
Prestwick	135	72613	75022	30216	58532	13507	81820	83632	85656
Abbotsinch	140	72311	68022	29616	38432	13808	81714	83645	85359
Leuchars	171	72415	80211	27715	5858/	13803	81820	85650	87360
Dyce	091	72607	81608	25919	35582	12806	81625	83650	86360
Lerwick	005	81607	20616	23509	870//	09813	88701		
Wick	075	72007	88606	24014	4547/	11712	81715	83645	87362
Sule Skerry	010	82316	74025	23612	884//	11715	84815	88620	
Cape Wrath	049	82325	60505	22813	871//	12712	88702		
Stornoway	026	62221	80026	23316	45535	11717	84620	84360	
Benbecula	022	72018	62026	24414	753//	13819	82709	87615	
Tiree	100	82018	62056	27415	854//	13709	86710	88617	
Aldergrove	917	61812	59041	30317	3633/	15712	81708	83709	86359
Malin	980	52015	75011	28418	38482	14707	81715	83646	85072
Belmullet	976	72024	64101	29416	764//	13500	85718	84640	
Birr	965	42008	66011	31818	22502	14801	82821	83070	
Dublin	969	32308	75011	31220	15501	14805	81620	83070	
Shannon	962	31806	70031	31620	11602	14806	81835	83075	
Roches Point	952	11708	50101	33317	16400	14001	81715		
Valentia	953	71716	65031	32117	32502	14001	83823	87070	

OBSERVATIONS at 18h. 21 September 1978

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	32705	65031	32118	25601	12503	82635		
Hurn	862	12002	58050	32417	10940	13502	81365		
Manston	797	11906	38050	31616	00901	14705	81075		
Gatwick	776	33002	66021	31719	34601	14602	81630		
Kew	775	12505	70011	31519	00901	13603	81075		
Heathrow	772	22603	65021	31419	10941	13604	81365		
Honington	586	62105	57031	30518	00902	14705	86075		
Mattishall	590	52206	58041	30718	11502	12706	81825	85075	
Gorleston	497	31706	60020	30416	30970	14808	83360		
Aberporth	502	52408	65031	32515	00902	12601	85075		
Filton	628	12605	66010	32416	00902	12706	81075		
Khoose	715	23004	64011	32515	18401	13705	81814		
Hartland Point	703	12705	58030	32716	00901	13506	81075		
Mount Batten	827	22306	59050	32916	10931	13602	81362		
St.Mawgan	817	13303	70020	33215	00902	12604	81072		
Scilly	804	02104	62020	33517	00900	13503			
Culdrose	809	12506	60050	33515	00902	11502	81072		
Guernsey	894	03003	58050	33915	00900	12604			
Elmdon	534	62506	62032	31518	655//	12707	86624		
Cardington	559	42706	62020	31018	00901	12703	84075		
Wittering	462	62908	58041	30717	00901	12602	86075		
Watnall	354	32507	56051	30616	25401	13709	82618	83075	
Shawbury	414	72307	63042	31016	55401	13608	85613	87072	
Finningley	360	62505	60031	29816	25502	12604	82624	86075	
Spurn Point	396	62712	56051	29517	20971	13709	82360	86075	
Leeming	257	72803	75022	28216	45548	12715	84620	87078	
Tynemouth	262	72308	61022	27017	3567/	14712	83630	87358	
Carlisle	222	72407	75032	28016	45432	13617	84618	83362	85072
Valley	302	51919	58041	30515	15632	13817	81640	85075	
Ringway	334	72202	59022	30817	755//	13709	87620		
Squires Gate	318	62905	70022	30115	15632	14716	81645	86075	
Ronaldsway	204	72408	57101	28814	46282	13721	84705	85075	
Mull of Galloway	131	72226	80022	27514	15682	13721	81640	84358	87070
Eskdalemuir	162	82118	57052	27714	854//	12612	86710	88630	
Prestwick	135	82107	59601	26917	45457	15612	81617	83624	85360
Abbotsinch	140	82209	58602	26316	3547/	14611	81712	83625	88459
Leuchars	171	72510	63022	24716	4552/	13613	82625	83650	87460
Dyce	091	82616	65626	22417	1577/	13511	81656	86358	88459
Lerwick	005	82118	57626	17911	6722/	11725	82704	85706	88520
Wick	075	72210	81216	19614	6547/	12717	82618	86650	87359
Sule Skerry	010	82330	56216	17213	5722/	12728	85704	88458	
Cape Wrath	049	82330	60616	17313	872//	12718	88703		
Stornoway	026	82014	65206	19112	853//	12616	82707	84712	88620
Benbecula	022	82120	12516	20713	862//	13715	84703	88706	
Tiree	100	82123	40506	23714	862//	13613	82703	88706	
Aldergrove	917	72111	70021	28116	15432	13510	81616	85362	87070
Malin	980	82419	68216	26316	5542/	13703	81718	84640	88460
Belmullet	976	71919	68022	27616	7647/	13706	85719	85640	87359
Birr	965	72204	70031	29418	00902	14609	87070		
Dublin	969	72308	70031	28619	20932	15611	82360	87070	
Shannon	962	32805	75020	29918	00902	13605	83075		
Roches Point	952	52011	56101	31815	11402	13707	81817	85074	
Valentia	953	51815	65012	31216	42502	13603	84821		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_E$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00230	083	+	+
Hurn	862	00210	103	+	+
Manston	797	00200	075	+	+
Gatwick	776	00220	064	+	+
Kew	775	00210	065	+	+
Heathrow	772	00220	066	+	+
Honington	586	00210	075	+	+
Mattishall	590	00210	074	+	+
Gorleston	497		089		
Aberporth	502	00170	057	+	+
Filton	628	00210	099	+	+
Khoose	715	00190	080	+	+
Hartland Point	703	00170	117		
Mount Batten	827	00180	102	+	+
St.Mawgan	817	00190	108	+	+
Scilly	804	00220	108	+	+
Culdrose	809	00180	103	+	+
Guernsey	894	00180	106	+	+
Elmdon	534	00200	051	+	+
Cardington	559	00220	073	+	+
Wittering	462	00220	091	+	+
Watnall	354	00210	072	+	+
Shawbury	414	00190	004	+	+
Finningley	360	00210	088	+	+
Spurn Point	396			+	+
Leeming	257	97210	090	+	r_o
Tynemouth	262	91191	075	+	ir
Carlisle	222	00171	005	+	+
Valley	302	00180	056	+	+
Ringway	334	00170	000	+	+
Squires Gate	318	00171	029	+	+
Ronaldsway	204	00170	062	+	+
Mull of Galloway	131	00161			
Eskdalemuir	162	97151	003	+	r_o
Prestwick	135	94181	032	+	$r_or_orr_o$
Abbotsinch	140	91171	008	+	ir_o
Leuchars	171	95191	029	r_o	rr_o
Dyce	091	01201	047	pr_or_o	r_or
Lerwick	005	05122	000	r_or_o	$r_or_oid_orrd_or_o$
Wick	075	03161	019	ir_o	ir_oir
Sule Skerry	010	02132			
Cape Wrath	049	05132	000	id_oFFir	r_or_off
Stornoway	026	02161	016	r_oir	r_or_odr
Benbecula	022	04151	001	d_od_orRrr	$ddid_o$
Tiree	100	05151	000	ir_o	rRd_od_odr
Aldergrove	917	97201	026	+	r_o
Malin	980	9720	032		
Belmullet	976	0017	017		
Birr	965	0021	069		
Dublin	969	0022	068		
Shannon	962	9722	079		
Roches Point	952	0017	095		
Valentia	953	9718	081		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

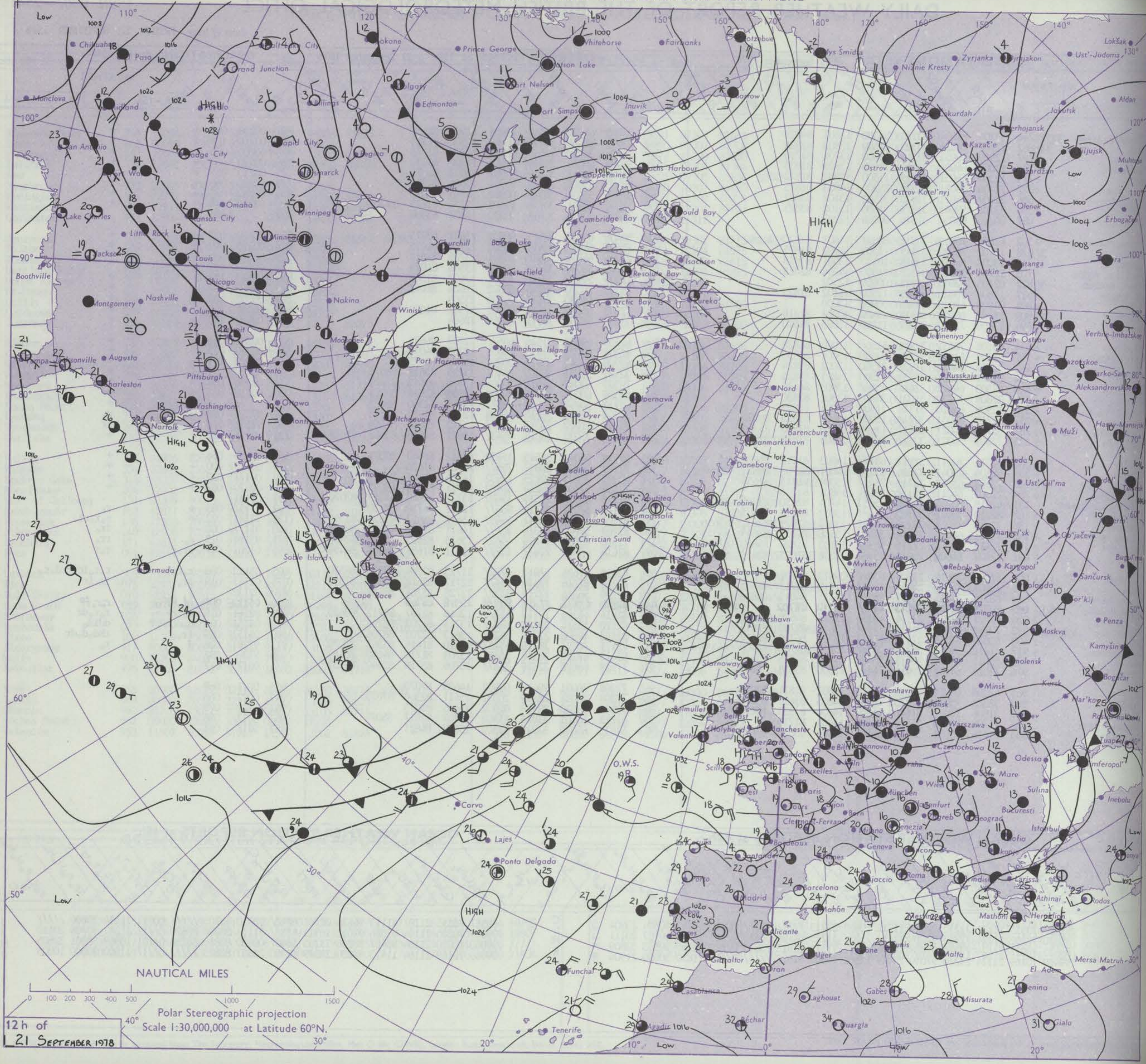
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	21121	71212	98021	11312	00902	00713	/////	/////	00210	11143	30504	23904
	99570	70202	21124	72333	97016	12413	753//	51225	84706	86618	0//13	11263	30707	20111
	99655	10022	21124	73514	97028	18506	69472	71315	82913	83815	0//02	11005	30503	32809
	99469	70169	21124	21310	97010	29419	11501	00009	81823	/////	0//16	11850	30000	21904

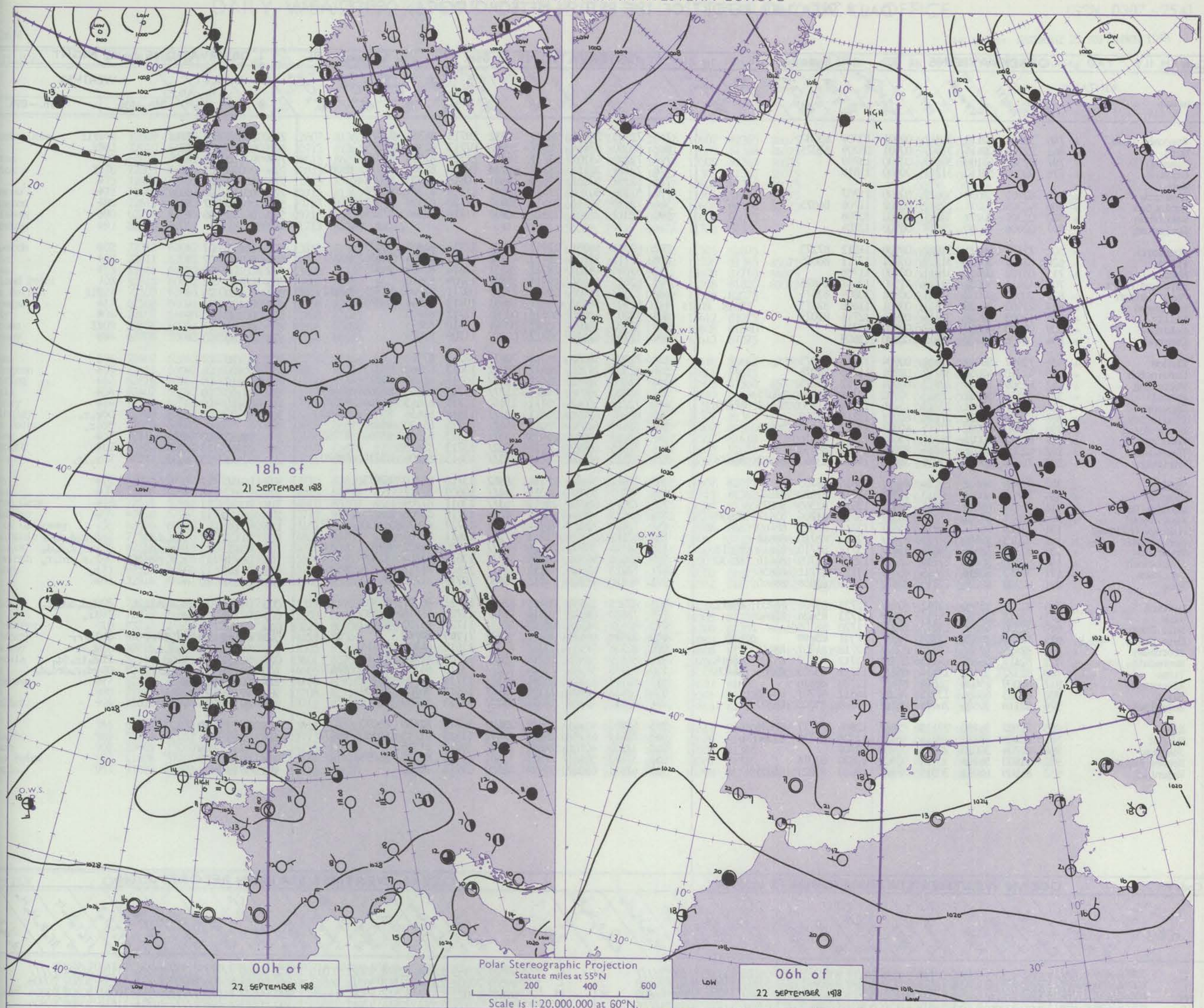
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	21181	81113	96636	02711	8722/	00750	86705	/////	00011	11134	30606	/////
	99569	70205	21184	82526	97012	16913	853//	51113	85708	88620	0//12	11242	30706	20110
	99660	10020	21184	83407	98258	17705	58407	00400	83815	88268	0//01	10969	30301	32805
	99469	70169	21184	11413	97030	28319	12500	21603	82823	/////	0//17	11900	30000	10805

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 22 SEPTEMBER 1978

During the past 24 hours a depression to the southwest of Iceland filled a little as it moved steadily northeast and then east to just east of the Faeroes. Associated frontal troughs moved eastwards across Scotland. An anticyclone remained centred over the western English Channel.

During the next 24 hours the anticyclone over the western English Channel will move slowly southeast into France whilst the depression near the Faeroes moves to the Baltic. A deepening depression in mid-Atlantic will move northeast towards Iceland and the associated fronts will cross Scotland.

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

Code FM 11.V — OBSERVATIONS at 00h. 22 September 1978

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	32804	40110	31811	00901	10709	83080		
Hurn	862	22702	09414	31609	00901	08709	82075		
Manston	797	02307	45100	30613	00900	13709			
Gatwick	776	00000	50110	31211	00900	11810			
Kew									
Heathrow	772	02703	58020	30912	00900	11707			
Honington	586	42305	30051	29812	00902	11708	84075		
Wattisham	590	02307	30101	30211	00900	10708			
Gorleston	497	02406	56050	29514	00900	12704			
Aberporth	502	72107	58021	31012	00908	11812	87275		
Filton	628	62606	30101	31313	00901	13711	86075		
Rhoose	715	03102	03460	31611	00900	11708			
Hartland Point	703	42611	58051	31714	41500	13607	84825		
Mount Batten	827	20000	50050	32211	00901	10809	82075		
St.Mawgan	817	21903	56020	32511	00901	11808	82075		
Scilly	804	12003	62020	32714	00901	12711	81075		
Culdrose	809	00000	40050	32612	00900	11711			
Guernsey	894	03106	60100	32812	00900	11609			
Elmdon	534	72407	59041	29614	00904	11713	87075		
Cardington	559	42310	45050	30112	00901	11705	84078		
Wittering	462	62509	56041	28913	00901	12712	86075		
Watnall	354	72510	58031	28813	30932	12714	83360	87075	
Shawbury	414	72207	57041	29313	15716	12814	81650	84462	87270
Finningley	360	82008	60032	27114	8097/	12818	88459		
Spurn Point	396	62310	60022	27015	40971	13722	84360	86075	
Leeming	257	82312	80026	26116	7543/	12820	87616		
Tynemouth	262	82306	69026	24216	8092/	14823	88458		
Carlisle	222	72408	65026	25016	35632	14716	83640	84362	86072
Valley	302	81918	40102	29114	862//	13616	88705		
Ringway	334	71807	40041	29013	15502	11714	81620	87070	
Squires Gate	318	72414	65012	28215	20932	13628	82360	86075	
Ronaldsway	204	62611	57102	27214	652//	13710	81704	83617	85650
Mull of Galloway	131	82518	70252	25914	5552/	13712	85625	88460	
Eskdalemuir	162	82013	58606	24713	854//	12617	86710	88618	
Prestwick	135	82313	58636	24614	854//	13714	81710	83614	88618
Abbotsinch	140	82310	50656	23714	853//	13509	83709	86616	88630
Leuchars	171	82612	60216	20615	854//	13725	87711	88656	
Dyce	091	82208	80026	17715	8097/	12726	85358	88460	
Lerwick	005	82326	25516	11912	850//	12731	83701	86703	88612
Wick	075	72618	80031	15114	755//	12723	85624	87640	
Sule Skerry	010	82530	48606	13212	872//	11720	88705		
Cape Wrath	049	92320	04475	13712	9//////	11711	89100		
Stornoway	026	82424	57586	15713	853//	12718	84707	88616	
Benbecula	022	82417	56205	18213	853//	13712	82707	85709	88614
Tiree	100	82322	50106	21514	862//	13711	83703	85706	88708
Aldergrove	917	82009	65036	26614	854//	12708	88616		
Malin	980	82423	60586	23915	7632/	14812	87707	88458	
Belmullet	976	82118	30586	26415	862//	14709	85703	88707	
Birr	965	72107	56102	29113	754//	12808	83717	87636	
Dublin	969	62608	59102	28214	4643/	12706	84716	83360	
Shannon	962	02704	30010	29713	00900	12707			
Roches Point	952	11903	56101	30713	00902	12810	81074		
Valentia	953	81809	65031	30315	885//	13610	85821	88635	

OBSERVATIONS at 06h. 22 September 1978

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	72405	28404	28809	40932	09713	84364	87076	
Hurn	862	60000	07464	28907	20942	07713	82360	85075	
Manston	797	72209	45101	27711	10972	11711	81363	85070	
Gatwick	776	72104	20114	28309	10934	09815	81365	84075	86080
Kew	775	52108	50051	27612	15601	10813	81630	85075	
Heathrow	772	52106	30101	27412	10942	11716	81365	84078	
Honington	586	72410	56011	25513	30932	11720	83359	87072	
Wattisham	590	72312	27101	25912	50938	11718	85364	87275	
Gorleston									
Aberporth	502	62011	56051	27913	10931	12714	81365	86075	
Filton	628	72710	35102	28413	45238	13711	81704	84656	86075
Rhoose	715	52805	48104	28712	26331	12614	82709	84075	
Hartland Point	703	62613	64031	29114	55501	13709	85620		
Mount Batten	827	73302	15401	29909	750//	09711	82700	84705	87612
St.Mawgan	817	41903	56030	29811	10931	10712	81360	84075	
Scilly	804	12203	62030	30113	00901	12712	81075		
Culdrose	809	32202	20104	30212	00901	12610	83075		
Guernsey	894	12706	62110	30312	00902	11709	81075		
Elmdon	534	72407	58042	26312	7097/	08717	87360		
Cardington	559	52307	28101	26811	30932	10613	83360	85075	
Wittering	462	72406	57052	25412	15732	10716	81650	87075	
Watnall	354	82610	56036	24913	2577/	11715	82656	85360	88463
Shawbury	414	72212	56042	25711	15646	10717	81645	84364	87270
Finningley	360	80602	62026	23413	1577/	11818	81656	83358	88460
Spurn Point	396	82410	60036	23014	5567/	12725	85630	88460	
Leeming	257	72619	70012	21915	1557/	11523	81622	85360	87365
Tynemouth	262	72615	69022	20216	5552/	13713	85625		
Carlisle	222	82513	60026	21915	853//	13615	82708	85710	88620
Valley	302	72012	30102	26114	56402	13718	85710	87075	
Ringway	334	71905	35042	26012	764//	10609	87712		
Squires Gate	318	72616	60021	25015	763//	13617	87709		
Ronaldsway	204	62615	56051	23913	36338	12716	83708	85275	
Mull of Galloway	131	72623	70028	21814	58501	13727	82820	83630	87072
Eskdalemuir	162	82112	25596	21213	872//	12611	88703		
Prestwick	135	82514	30596	20814	861//	14720	84702	85705	87708
Abbotsinch	140	82610	56586	20014	852//	13618	81704	83709	86620
Leuchars	171	72413	82602	16715	4547/	11613	81712	84656	86362
Dyce	091	61810	81012	14115	25430	10719	81712	85360	
Lerwick	005	82325	15535	05411	870//	11731	86701	88703	
Wick	075	72620	81022	10114	754//	11725	85618	87630	
Sule Skerry	010	82632	24526	08112	5722/	11724	85703	88550	
Cape Wrath	049	92330	04436	10111	9//////	11707	89100		
Stornoway	026	82416	57586	13213	852//	12610	84705	88614	
Benbecula	022	82519	58505	16213	853//	12708	83708	88612	
Tiree	100	72516	56106	19014	752//	13712	84704	85708	87637
Aldergrove	917	82110	58022	23214	863//	13716	84708	88709	
Malin	980	82423	56505	21215	862//	14612	86705	88709	
Belmullet	976	82017	35106	23315	863//	14713	83709	88718	
Birr	965	51903	48101	26611	25602	10615	82636	85070	
Dublin	969	72411	61102	25213	16472	11619	81715	85460	86070
Shannon	962	21301	40101	26611	10932	10717	81358		
Roches Point	952	52103	50101	27913	16401	12716	81710	85075	
Valentia	953	61911	65022	27114	62500	13716	86822		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00080	03	ifFF	FFif
Hurn	862	00060	04	ff	ff
Manston	797	97110	10	+	+
Gatwick	776	00070	05	if	if
Kew	775	00100	03	+	+
Heathrow	772	00110	08	+	+
Honington	586	00120	07	+	+
Wattisham	590	00110	06	+	+
Gorleston	497				
Aberporth	502	00111	07	+	+
Filton	628	00120	07	+	+
Rhoose	715	00100	06	f	+
Hartland Point	703	00140	12		
Mount Batten	827	00080	05	+	Fif
St.Mawgan	817	00100	03	+	+
Scilly	804	00130	07	+	+
Culdrose	809	00091	03	+	ff
Guernsey	894	00110	03	+	+
Elmdon	534	00120	07	+	+
Cardington	559	00100	06	+	+
Wittering	462	00110	09	+	+
Watnall	354	97120	09	r_o	+
Shawbury	414	00110	09	+	+
Finningley	360	97120	09	r_o	r_or_o
Spurn Point	396			+	ir_o
Leeming	257	00150	07	+	+
Tynemouth	262	01161	15	ir	+
Carlisle	222	97141	13	r_oir_o	r_oir_o
Valley	302	00140	12	+	+
Ringway	334	00110	10	+	+
Squires Gate	318	00140	11	+	+
Ronaldsway	204	00130	12	+	+
Mull of Galloway	131	91131			
Eskdalemuir	162	01121	12	$r_or_od_or_o$	$d_or_od_od_odr$
Prestwick	135	05132	13	$drrrr_or_o$	$rrd_or_od_od_o$
Abbotsinch	140	06131	13	$r_or_orRr_or_o$	$r_or_odrd_or_o$
Leuchars	171	91141	12	+	r_o
Dyce	091	00131	10	+	+
Lerwick	005	09112	11	$d_od_oddd_od_o$	$d_od_oddd_or_o$
Wick	075	97131	11	+	ir_o
Sule Skerry	010	02112	11		
Cape Wrath	049	05112	10	id_off	iDrr
Stornoway	026	96121	11	$r_od_or_o$	d_or_o
Benbecula	022	92121	12	id_od_o	$d_oir_oid_o$
Tiree	100	04131	12	$d_or_oir_or$	$rd_or_odrd_od_o$
Aldergrove	917	00130	13	+	+
Malin	980	9715	13		
Belmullet	976	9715	14		
Birr	965	9711	09		
Dublin	969	0013	11		
Shannon	962	9711	09		
Roches Point	952	9712	07		
Valentia	953	9713	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	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	22001	42613	98036	00110	31430	00219	83819	/////	05108	11147	3//06	/////
L	99570	70202	22004	82110	96515	16312	873//	00818	88706	/////	0//12	11253	30503	20008
M	99659	10022	22004	80508	98038	15306	884//	00713	82815	88630	0//02	10970	30201	36803
R	99471	70171	22004	51613	97011	28318	55600	00808	85630	/////	0//16	11872	30000	10805

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	22061	22514	98021	00310	12502	00400	/////	/////	05204	11134	3//04	/////
L	99569	70203	22064	81518	96516	06513	873//	00762	85706	88709	0//13	11253	30504	20908
M	99659	10021	22064	10512	99021	14106	15600	00602	81635	/////	0//00	10951	30301	03804
R	99471	70171	22064	32014	97011	26018	35500	00612	83626	/////	0//16	11873	30401	10804

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

42674

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue SATURDAY 23 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 22 September 1978

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	72809	62022	26718	10932	12607	81365	87075	
Hurn	862	72810	60024	26919	10932	10712	81365	87075	
Manston	797	62612	70012	24321	00902	08615	86075		
Gatwick	776	72309	68022	25520	00902	12813	87078		
Kew	775	72408	62022	25119	00902	11815	87078		
Heathrow	772	72408	60022	25021	10972	13715	81365	87078	
Honington	586	72615	61022	22820	00902	10717	87080		
Wattisham	590	62716	61022	23120	00902	09716	86078		
Gorleston	497	82610	58052	22118	30937	11713	83360	88275	
Aberporth	502	72312	62052	26419	11402	13810	81816	83070	86075
Filton	628	72611	62022	26517	40932	14710	84365	87075	
Rhoose	715	72616	62022	26617	16308	13808	81709	87275	
Hartland Point	703	62515	60022	27415	26431	13608	82710	86075	
Mount Batten	827	72109	62054	28217	00902	13811	81070	87075	
St.Mawgan	817	62508	66021	28317	00902	10806	82070	85075	
Scilly	804	22107	56020	28720	00902	12708	82075		
Culdrose	809	52506	60051	28618	00902	10806	85070		
Guernsey	894	62709	70032	28917	00902	09710	86075		
Elmdon	534	72407	62042	24517	30978	11707	83365	87270	
Cardington	559	72512	66022	23920	20938	07811	82362	87275	
Wittering	462	62816	60052	23019	30932	11714	83362	86075	
Watnall	354	82407	56052	23015	8097/	13711	83359	88462	
Shawbury	414	72514	62042	24118	30958	13609	83364	87270	
Finningley	360	82708	62022	21616	8097/	11809	88364		
Spurn Point	396	82816	50606	21216	6557/	12709	86625	87460	
Leeming	257	72514	58042	20016	754//	13603	84611	87650	
Tynemouth	262	72620	69022	18216	5557/	15707	85625	87358	
Carlisle	222	82517	60016	20315	853//	13709	83706	84710	88618
Valley	302	42015	57051	24716	11401	13710	81810	84078	
Ringway	334	72206	40042	23916	16438	12813	81712	87272	
Squires Gate	318	72515	57042	23816	753//	14810	83709	86615	
Ronaldsway	204	42418	57051	22416	16401	13713	81714	83075	
Mull of Galloway	131	62416	60052	21616	30931	13101	83360	86075	
Eskdalemuir	162	72518	30516	19515	753//	14806	85708	87630	
Prestwick	135	82515	40516	20314	872//	14701	82703	85705	88707
Abbotsinch	140	72516	58506	18616	753//	15501	81707	84710	85626
Leuchars	171	62523	84036	14718	18542	13714	81825	84365	
Dyce	091	32916	86031	12621	31502	12503	83828		
Lerwick	005	73311	40206	06112	771//	11321	84702	86704	
Wick	075	72929	58808	10713	784//	12209	82710	85815	
Sule Skerry	010	83232	24505	11311	6731/	10227	86706	88458	
Cape Wrath	049	82734	58526	12411	8707/	11223	88701		
Stornoway	026	82816	58206	15313	853//	12005	83706	85709	88616
Benbecula	022	82510	35516	16413	860//	13601	85701	86702	87705
Tiree	100	82418	18516	17914	861//	14605	88702		
Aldergrove	917	62210	62052	21418	22402	14709	82818	85075	
Malin	980	72525	68105	19916	754//	13708	82716	87630	
Belmullet	976	72022	60102	21416	764//	13712	82712	87720	
Birr	965	62307	70032	24219	00902	13616	86070		
Dublin	969	52414	62052	23017	11502	12713	81820	85070	
Shannon	962	22405	75010	24120	11502	14715	81825		
Roches Point	952	11808	57101	26417	11401	15714	81814		
Valentia	953	31820	65021	24918	32500	15811	83820		

OBSERVATIONS at 18h. 22 September 1978

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	72812	68022	24117	20932	10607	82365	86075	
Hurn	862	62508	62012	24217	10932	12609	81362	86075	
Manston	797	62108	57052	21918	10932	13508	81365	86075	
Gatwick	776	52604	64012	23316	10932	11502	81365	85075	
Kew	775	42507	60021	22718	10942	12604	81365	84075	
Heathrow	772	42507	60021	22718	10932	13706	81365	84075	
Honington	586	72612	60022	20718	10932	10604	81364	87073	
Wattisham	590	62912	61012	21018	00902	10603	86075		
Gorleston	497	62702	58052	19719	6097/	11708	86358		
Aberporth	502	22211	62011	24415	00902	11505	82075		
Filton	628	52611	68022	24117	10932	12706	81365	85075	
Rhoose	715	42911	50051	24715	16431	13609	81710	84075	
Hartland Point	703	32413	60050	24916	12531	13508	81820	83075	
Mount Batten	827	22507	60051	25916	00902	13508	82075		
St.Mawgan	817	12404	70021	25717	00901	11609	81075		
Scilly	804	12107	20050	26117	00902	15612	81075		
Culdrose	809	12302	50100	26215	11601	14608	81840		
Guernsey	894	72709	59052	26215	00902	12613	87075		
Elmdon	534	72610	68022	21919	60978	08510	86462	87270	
Cardington	559	52313	58052	21517	00902	13811	85075		
Wittering	462	52310	58052	20616	10932	12608	81360	85075	
Watnall	354	62507	58052	20615	15771	12610	81656	84360	86075
Shawbury	414	72516	65042	21716	30952	11712	83363	86070	
Finningley	360	62708	62012	19517	10932	11707	81362	86075	
Spurn Point	396	62710	60036	19216	40971	12507	84360	86075	
Leeming	257	71708	61042	18915	15442	12507	81618	87070	
Tynemouth	262	52718	61022	17016	25544	13603	82625	84359	
Carlisle	222	72610	58052	19216	65532	13000	83622	86635	
Valley	302	21817	56051	22615	00902	14607	82075		
Ringway	334	72309	60022	21117	10948	12713	81362	87275	
Squires Gate	318	72708	59042	21816	10948	14507	81360	87275	
Ronaldsway	204	11603	60051	21214	00902	12502	81073		
Mull of Galloway	131	62415	66051	20415	655//	13706	86625		
Eskdalemuir	162	52410	60216	19114	52402	12504	83710	83818	85070
Prestwick	135	72910	61025	19815	785/2	13604	82820	86656	
Abbotsinch	140	72211	62045	19215	754//	12203	82712	86615	
Leuchars	171	72621	75022	15316	15548	12002	81625	84362	87275
Dyce	091	70105	80021	14415	18532	12312	81822	85362	86070
Lerwick	005	83303	30035	11710	860//	10224	82701	88702	
Wick	075	73018	75028	13511	753/1	11305	84708	86615	
Sule Skerry	010	82910	40505	13611	652/2	11206	84704	86620	
Cape Wrath	049	92707	01475	14011	9////	10001	89/00		
Stornoway	026	82211	62032	14114	853//	13608	81706	85615	88625
Benbecula	022	92012	04505	15113	9////	13706	89/01		
Tiree	100	82012	58105	17314	854//	13705	86712	88620	
Aldergrove	917	11909	70051	19717	15501	13607	81620		
Malin	980	22519	65101	18615	28540	12501	81822		
Belmullet	976	81921	59505	18816	864//	13615	83710	86717	87634
Birr	965	12306	80010	21119	00902	12611	81070		
Dublin	969	12402	81011	20820	00902	13604	81070		
Shannon	962	12706	82030	21618	10941	14509	81362		
Roches Point	952	12114	50100	23715	16400	13507	81710		
Valentia	953	71715	65021	23016	724//	14708	81710	87820	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00190	025	+	+
Hurn	862	00200	047	+	+
Manston	797	00230	089	+	+
Gatwick	776	00230	063	+	+
Kew	775	00230	060	+	+
Heathrow	772	00230	051	+	+
Honington	586	00220	079	+	+
Wattisham	590	00220	079	+	+
Gorleston	497		053		
Aberporth	502	00190	087	+	+
Filton	628	00200	030	+	+
Rhoose	715	00180	076	+	+
Hartland Point	703	00160	098		
Mount Batten	827	00180	094	jf	+
St.Mawgan	817	00190	091	+	+
Scilly	804	00220	106	+	+
Culdrose	809	00191	103	+	+
Guernsey	894	00180	102	+	+
Elmdon	534	00190	001	+	+
Cardington	559	00220	056	+	+
Wittering	462	00200	039	+	+
Watnall	354	00180	000	+	+
Shawbury	414	00200	029	+	+
Finningley	360	00180	000	+	+
Spurn Point	396			ir_o	+
Leeming	257	00160	000	+	+
Tynemouth	262	00180	001	+	+
Carlisle	222	97161	000	ir_o	+
Valley	302	00170	074	+	+
Ringway	334	00180	000	+	+
Squires Gate	318	00170	010	+	+
Ronaldsway	204	00170	084	+	+
Mull of Galloway	131	00170			
Eskdalemuir	162	93151	000	d_od_o	d_o–r_o
Prestwick	135	94161	017	d_od_o	+
Abbotsinch	140	97171	003	$d_or_od_or_oid_o$	+
Leuchars	171	00190	050	+	+
Dyce	091	00211	085	+	+
Lerwick	005	01131	007	d_od_o	d_od_o
Wick	075	91141	010	pr_oid_o	+
Sule Skerry	010	95132			
Cape Wrath	049	01122	000	$idffid_o$	id_oFF
Stornoway	026	97141	005	$d_or_od_od_o$	+
Benbecula	022	95141	000	$id_od_od_o$	$d_od_oFffd_or_o$
Tiree	100	01151	000	d_od_o	id_od
Aldergrove	917	00190	074	+	+
Malin	980	9718	043		
Belmullet	976	9717	004		
Birr	965	9721	089		
Dublin	969	0021	090		
Shannon	962	9721	105		
Roches Point	952	9717	086		
Valentia	953	0019	063		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

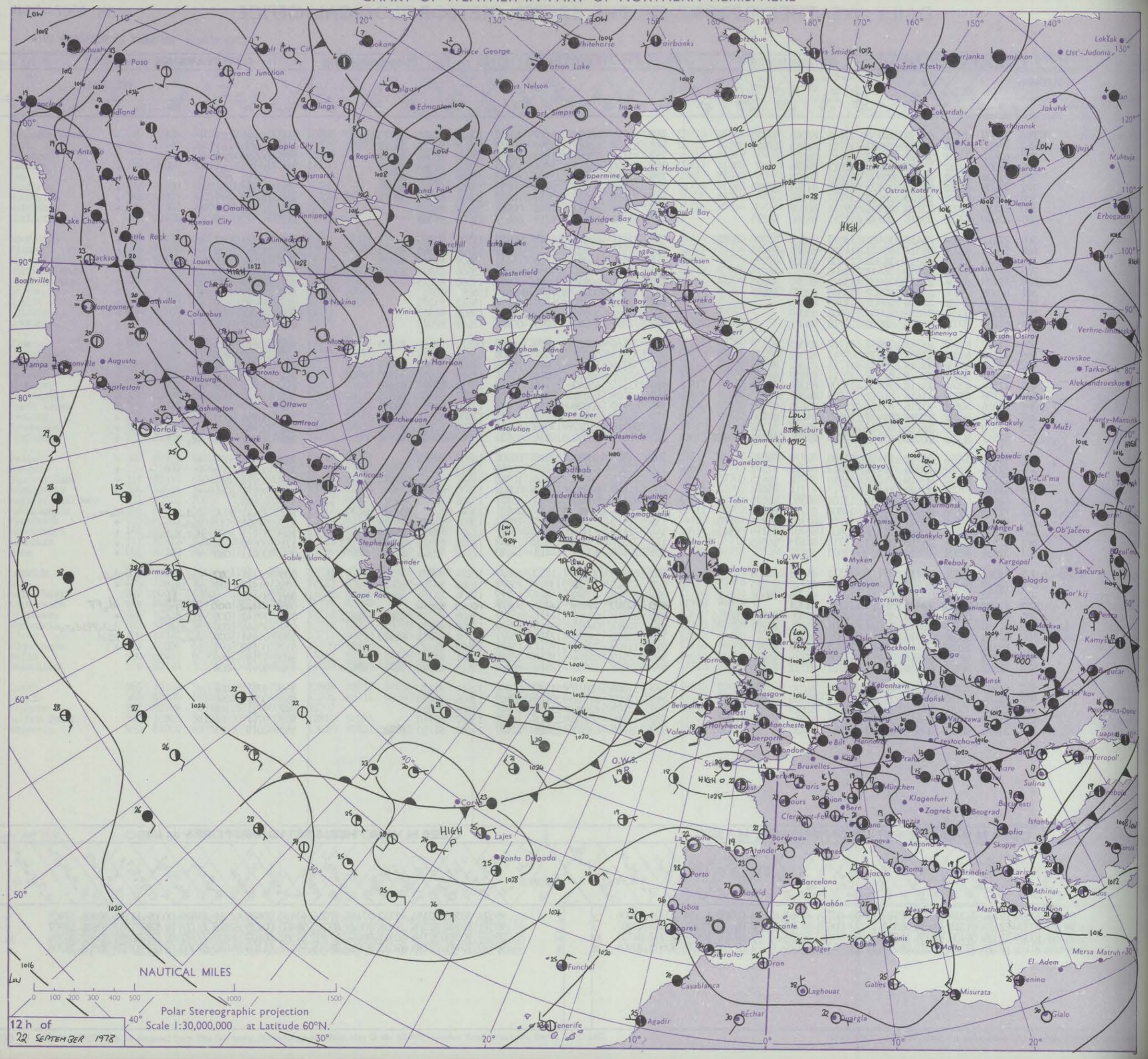
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	22121	72214	98258	98510	73400	00718	84918	83835	05208	11134	30706	23006
	99570	70204	22124	81818	94636	98513	872//	00631	87703	88707	0//13	11265	30504	18907
	99658	10024	22124	30108	99031	15507	38400	00303	82815	/////	0//05	10994	30302	04703
	99470	70171	22184	72313	98031	26018	755//	00303	87620	/////	0//16	11877	30605	20604

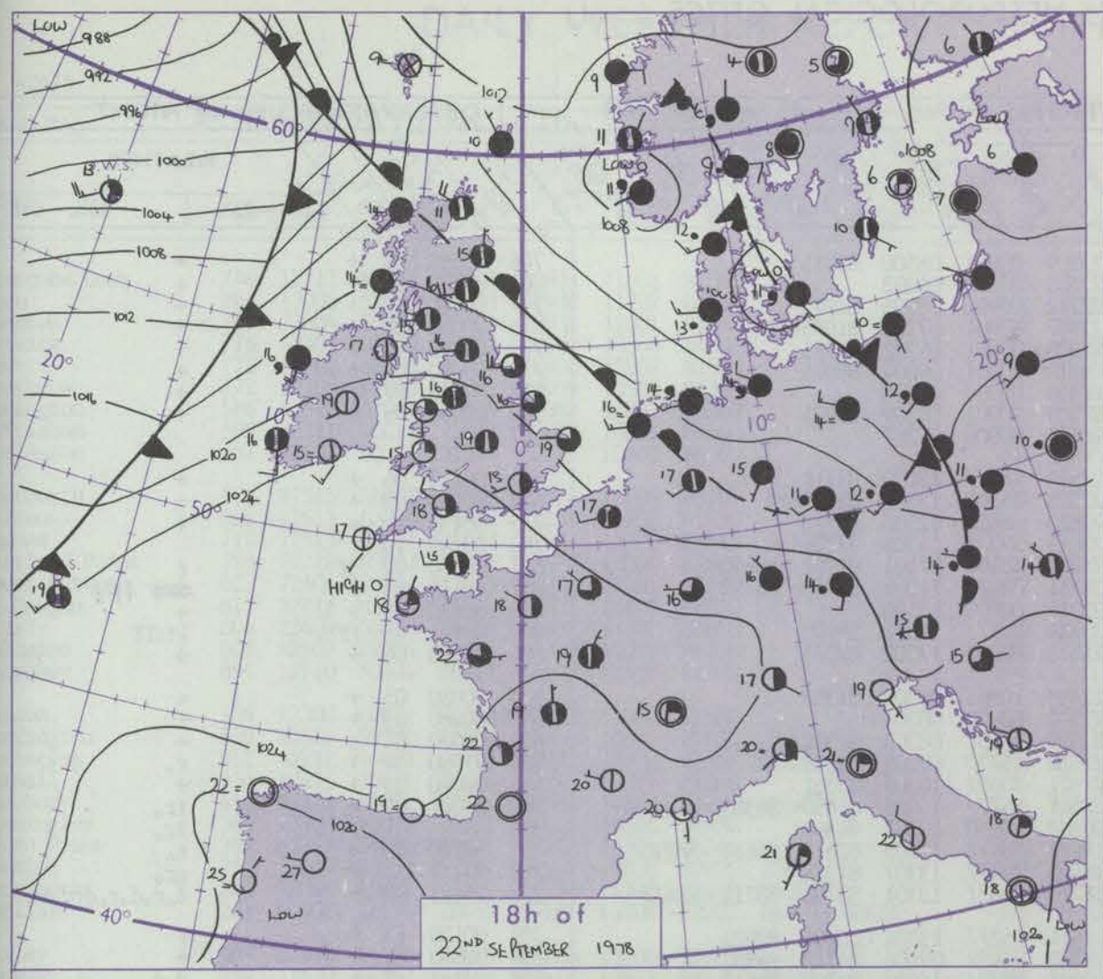
OCEAN WEATHER STATION REPORTS at 18h.

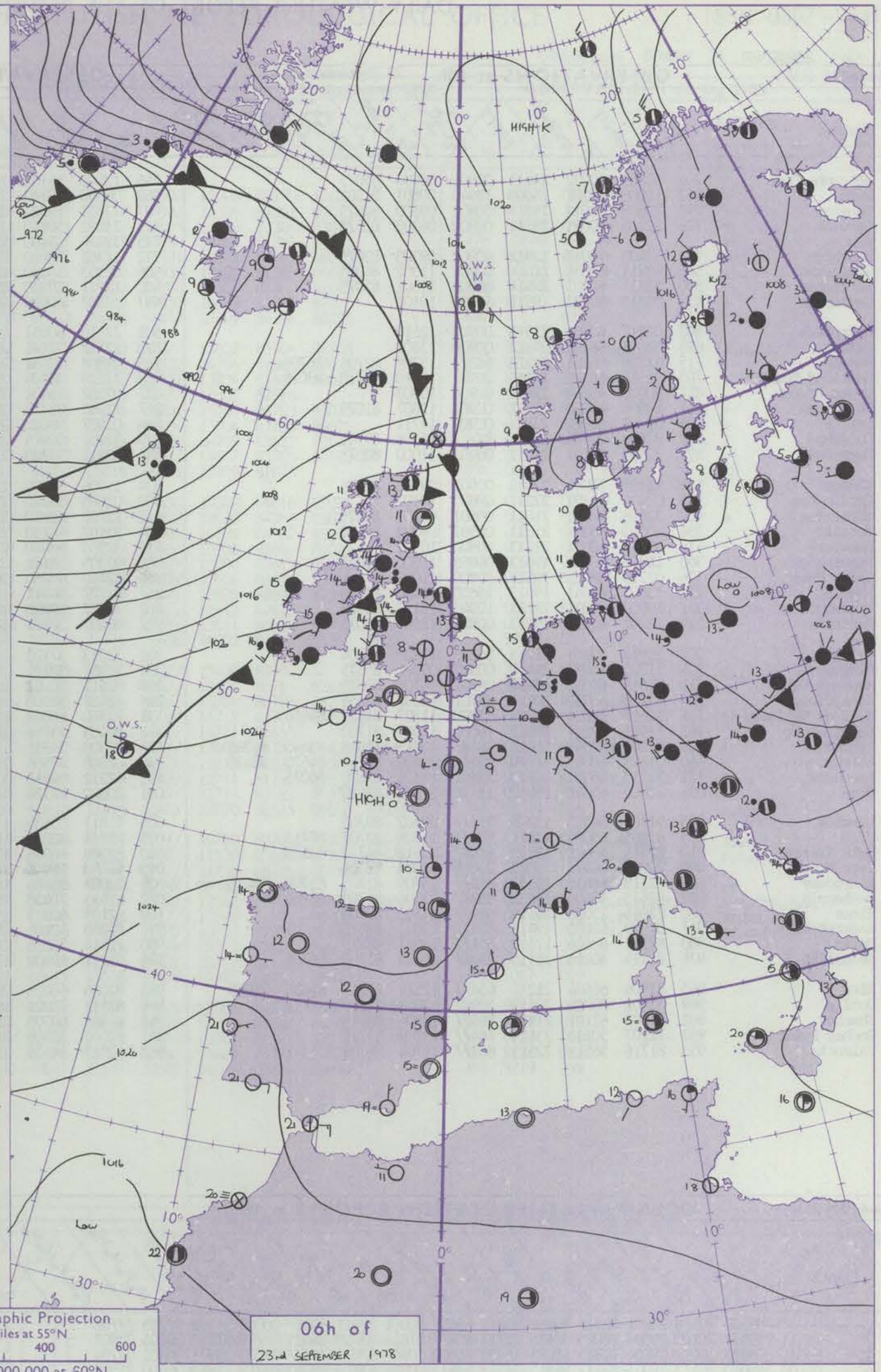
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	22181	72312	97158	97011	63430	00609	82919	85829	00009	11145	30806	27905
	99571	70202	22184	32426	98026	03312	38400	00225	82818	/////	0//08	11257	30606	18907
	99657	10024	22184	60517	99031	17208	62501	00107	86820	/////	0//02	10981	30402	04704
	99470	70171	22184	82015	97022	24018	4557/	41704	84630	87360	0//17	11879	30503	25705

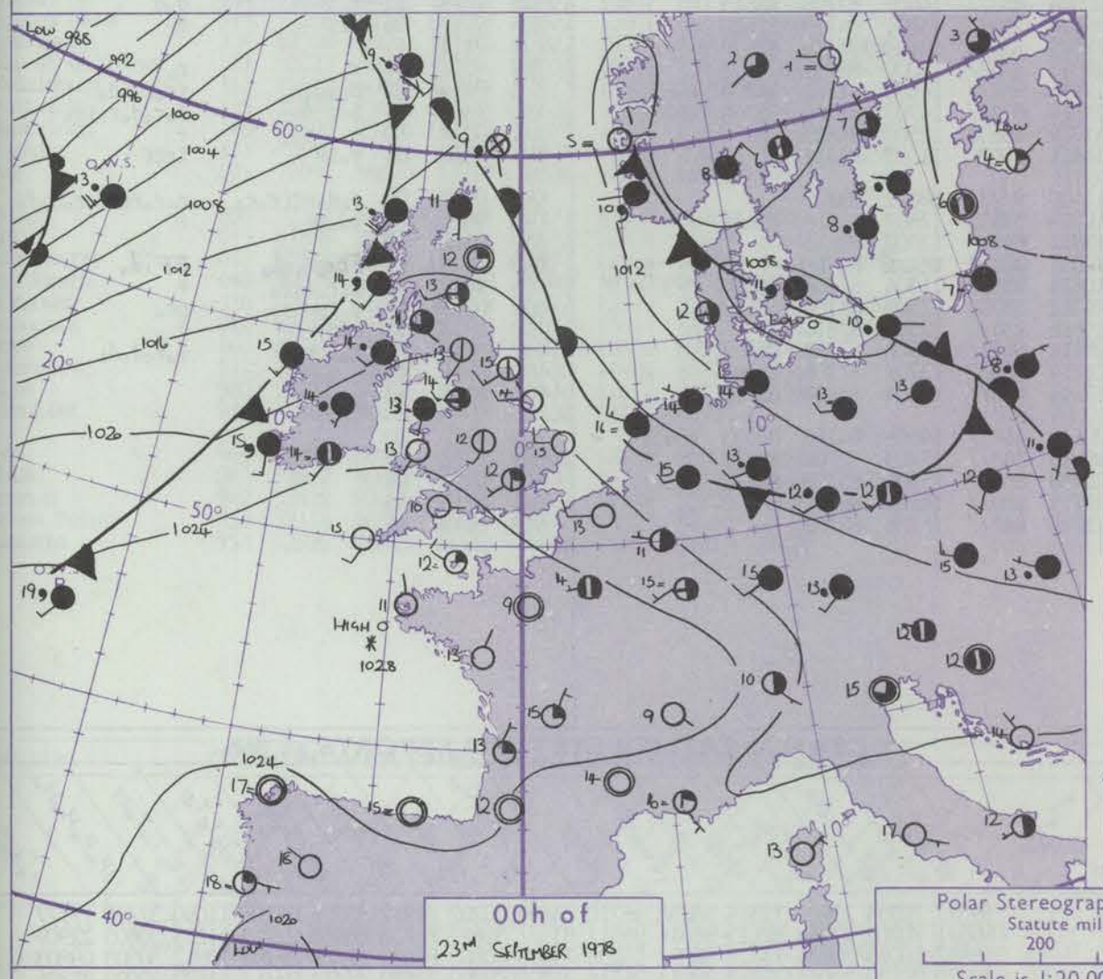
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 23 SEPTEMBER 1978

During the past 24 hours pressure remained high over north France. A depression to the north of the British Isles moved east and associated frontal troughs crossed northern districts.

During the next 24 hours pressure is expected to remain high over France and low near Iceland maintaining a westerly airstream over the British Isles with frontal troughs moving east over all districts but becoming weak and slow moving in the south.

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

Code FM 11.V

OBSERVATIONS at 00h. 23 September 1978

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	52809	60022	24611	00901	09000	85075		
Hurn	862	10000	50101	24609	10940	09801	81362		
Manston	797	22608	64011	21914	00902	09500	82075		
Gatwick	776	22205	70021	23711	00902	06303	82075		
Kew									
Heathrow	772	32403	70010	22912	00902	09303	83075		
Honington	586	42811	58051	21014	00902	11302	84075		
Wattisham	590	52811	60031	20914	00902	11301	85075		
Gorleston	497	02810	60021	19915	00900	10101			
Aberporth	502	02212	60050	23313	00900	12610			
Filton	628	02611	58101	24113	00900	13806			
Rhoose	715	62708	50101	24213	663//	13705	82706	86708	
Hartland Point	703	42618	56100	24115	26401	14810	82710	83075	
Mount Batten	827	00000	45100	25811	00900	10803			
St.Mawgan	817	11906	40050	25812	00901	11807	81075		
Scilly	804	02208	56020	25815	00900	14711			
Culdrose	809	92605	01454	26115	9////	15805	89/01		
Guernsey	894	22909	50101	26612	00902	11000	82075		
Elmdon	534	12108	70011	22012	00901	09708	81075		
Cardington	559	02404	45101	22211	00900	10107			
Wittering	462	32608	78021	21011	00901	08201	83075		
Watnall	354	40000	60011	21311	00901	09003	84075		
Shawbury	414	02312	68011	21313	00900	10501			
Finningley	360	12903	60021	19613	00902	11000	81075		
Spurn Point	396	02710	58051	19514	00900	11000			
Leeming	257	13602	62041	19013	15630	11400	81630		
Tynemouth	262	10000	61021	18215	10940	13107	81358		
Carlisle	222	12102	62021	19013	00901	12804	81075		
Valley	302	81915	40101	21713	862//	13809	88704		
Ringway	334	51705	58022	21411	00902	09001	85075		
Squires Gate	318	52516	60021	20415	00901	14706	85075		
Ronaldsway	204	42710	60030	20214	35701	13808	83656		
Mull of Galloway	131	52617	70031	19313	58500	11707	81820	84656	
Eskdalemuir	162	11905	20101	19012	16000	12803	81700		
Prestwick	135	61202	57041	18411	3543/	10711	81618	83640	86360
Abbotsinch	140	81603	58041	17714	854//	12806	82714	84620	88626
Leuchars	171	52513	66031	16713	25502	11303	82620	85075	
Dyce	091	20000	65051	15312	15730	11302	81650		
Lerwick	005	91702	04515	13309	9////	09102	89/00		
Wick	075	81805	65025	13611	863//	11708	83707	88713	
Sule Skerry	010	82314	48605	12213	6742/	12610	86710	88558	
Cape Wrath	049	82413	66616	11413	873//	12714	88706		
Stornoway	026	82118	60616	12313	852//	13709	82705	85709	88616
Benbecula	022	82415	50606	13513	862//	13506	85703	88706	
Tiree	100	82016	25536	16114	862//	14505	88703		
Aldergrove	917	82309	62601	19414	854//	12807	88615		
Malin	980	82217	68606	17515	864//	14607	88713		
Belmullet	976	82114	30215	18115	862//	15603	85703	88708	
Birr	965	81904	66606	21214	6547/	12511	82717	85636	88460
Dublin	969	32802	80030	20513	20932	12608	82360		
Shannon	962	81603	62101	21815	864//	13504	88718		
Roches Point	952	72107	50101	23114	764//	13709	87715		
Valentia	953	81716	56515	22515	863//	15704	88706		

OBSERVATIONS at 06h. 23 September 1978

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	12405	56101	23509	00901	08500	81075		
Hurn	862	00000	40110	23805	00900	04003			
Manston	797	12807	59020	22212	00901	09305	81075		
Gatwick	776	11802	50110	23907	00901	07308	81075		
Kew	775	12106	35100	22909	00901	09302	81075		
Heathrow	772	11702	38110	22810	00901	09304	81075		
Honington	586	02303	57020	21810	00900	08308			
Wattisham	590	12711	58030	22009	00901	07309	81075		
Gorleston	497	02707	60020	20611	00900	07207			
Aberporth	502	72310	60051	22914	764//	12000	87712		
Filton	628	22712	32101	23513	26300	13301	82709		
Rhoose	715	32808	50051	23513	36400	12500	83710		
Hartland Point	703	72718	30104	23815	773//	14305	87708		
Mount Batten	827	62902	19401	25107	65100	07501	81702	86650	
St.Mawgan	817	72106	03424	24711	760//	11505	85700	85703	
Scilly	804	02407	58020	25014	00900	13500			
Culdrose	809	92801	00474	25214	9////	14502	89/00		
Guernsey	894	22911	30100	25513	00902	12302	82075		
Elmdon	534	11906	59100	22408	10941	08309	81358		
Cardington	559	02306	56050	21909	00900	08304			
Wittering	462	12707	62050	21609	10931	08308	81362		
Watnall	354	22707	48100	21610	15730	09308	81650		
Shawbury	414	31904	60040	21811	30952	10307	83362		
Finningley	360	62305	58101	20511	1577/	10308	81650	86365	
Spurn Point	396	42410	40050	20313	40950	10307	84360		
Leeming	257	82707	66211	19115	55477	12305	82618	85650	88270
Tynemouth	262	72707	69028	18415	7097/	13307	87358		
Carlisle	222	82407	30581	18714	853//	13301	83706	83712	88616
Valley	302	72013	37102	21614	752//	13304	86704	87623	
Ringway	334	71507	30101	21710	56452	09106	84712	86362	
Squires Gate	318	82411	50101	20814	853//	14400	82708	88613	
Ronaldsway	204	72407	58108	19514	754//	13801	84710	87620	
Mull of Galloway	131	72410	60018	18513	754//	12810	83710	87630	
Eskdalemuir	162	81403	15606	18312	870//	12000	88701		
Prestwick	135	82308	57216	17414	852//	14609	81703	84709	88611
Abbotsinch	140	82308	40586	16514	872//	14707	81705	83706	88708
Leuchars	171	42212	59011	15714	45532	12503	84625		
Dyce	091	20000	62126	14411	15430	11502	81615		
Lerwick	005	91811	05635	11409	9////	09811	89/00		
Wick	075	72714	82036	12313	58432	12802	81818	85656	
Sule Skerry	010	82508	66026	11812	854//	12002	88615		
Cape Wrath	049	82713	58026	12911	870//	09208	88701		
Stornoway	026	72004	65106	13511	3533/	11304	81708	83620	87359
Benbecula	022	62413	70038	14312	58302	12302	81708	85628	
Tiree	100	42109	62015	15612	25430	12504	82614		
Aldergrove	917	82208	40106	18114	861//	14508	83702	88703	
Malin	980	72514	70016	16714	26332	13707	81706	85360	
Belmullet	976	52112	60102	17514	563//	13604	83708	83712	
Birr	965	82006	66026	20115	6647/	14606	84716	84633	88459
Dublin	969	82412	70022	19615	863//	13703	82709	88712	
Shannon	962	81905	60505	20216	863//	15506	85709	88712	
Roches Point	952	82008	30505	22215	860//	14604	88701		
Valentia	953	82013	14535	21016	861//	16706	88702		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_E$	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00090	02	+	+
Hurn	862	00030	01	+	+
Manston	797	00110	09	+	+
Gatwick	776	00050	01	+	+
Kew	775	00080	51	+	+
Heathrow	772	00090	02	+	+
Honington	586	00100	07	+	+
Wattisham	590	00090	06	+	+
Gorleston	497				
Aberporth	502	00110	06	+	+
Filton	628	00120	08	+	+
Rhoose	715	00130	11	+	+
Hartland Point	703	00140	13		
Mount Batten	827	00070	02	jf	f
St.Mawgan	817	00110	05	+	~~FFf~~ fFf
Scilly	804	00130	12	+	+
Culdrose	809	00131	08	FF	FffFF
Guernsey	894	00110	04	+	+
Elmdon	534	00080	05	+	+
Cardington	559	00080	03	+	+
Wittering	462	00090	04	+	+
Watnall	354	97090	04	+	r_o
Shawbury	414	00090	03	+	+
Finningley	360	93081	04	+	ir_o
Spurn Point	396			+	ir_o
Leeming	257	97120	08	+	r_o
Tynemouth	262	97141	11	+	pr_o
Carlisle	222	94121	07	+	$d_or_od_or_odrd_or_o$
Valley	302	00130	13	+	+
Ringway	334	00090	06	+	+
Squires Gate	318	97141	12	+	d_od
Ronaldsway	204	91130	08	pr_o	+
Mull of Galloway	131	91131			
Eskdalemuir	162	95121	07	r_o	r_o
Prestwick	135	01112	07	$d_or_oir_o$	$ir_or_oid_o$
Abbotsinch	140	93131	11	id_o	$d_or_od_or_oir_o$
Leuchars	171	00130	10	+	+
Dyce	091	93101	05	r_oir	irif
Lerwick	005	07092	09	$d_od_oddfr_or_o$	$r_or_orrfd_or_od_od_o$
Wick	075	96111	09	id_oir_o	+
Sule Skerry	010	03121	10		
Cape Wrath	049	01111	11	$FFr_or_oid_o$	$FFid_o$
Stornoway	026	94111	09	$r_or_od_or_o$	+
Benbecula	022	02121	10	$d_or_orir_o$	pr_o
Tiree	100	13121	10	Rdd	+
Aldergrove	917	92121	10	$r_od_or_o$	$d_or_od_od_o$
Malin	980	9614	12		
Belmullet	976	0113	12		
Birr	965	9712	10		
Dublin	969	9712	09		
Shannon	962	9314	09		
Roches Point	952	9713	10		
Valentia	953	0115	14		

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	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	23001	82511	97258	96611	6345/	00001	82911	83817	00009	11122	3//05	///06
	99571	70200	23004	82025	97616	02712	854//	51816	83710	88625	0//10	11255	30605	22907
	99657	10022	23004	70815	98031	17408	75600	00709	87635	/////	0//03	10971	30402	04704
	99470	70172	23004	82212	96515	24518	5747/	00301	85710	88460	0//18	11869	30000	25805

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$app	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	23061	72514	98258	96710	73400	00202	82912	85826	05206	11090	3//08	/////
	99571	70202	23064	82125	96616	96312	853//	51627	86708	88618	0//13	11255	30605	22909
	99657	10019	23064	71218	98022	16208	75500	00605	87629	/////	0//03	10962	30503	09803
	99470	70170	23064	32710	98011	24318	35500	00500	83630	/////	0//17	11870	30000	25804

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. 42675

Date of Issue SUNDAY 24 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 23 September 1978

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	12711	65021	23921	10931	11601	81362		
Hurn	862	12005	62020	24521	10930	11707	81362		
Manston	797	72804	58021	23021	10932	12001	81362	87075	
Gatwick	776	42307	64030	23222	40982	10806	84366		
Kew	775	12306	58050	23021	10940	12807	81365		
Heathrow	772	22705	60010	23021	10939	13505	81365		
Honington	586	42510	67011	22119	30982	11802	82360		
Wattisham	590	32511	60011	22019	20982	10801	82360		
Gorleston	497	62608	60021	21319	6097/	10802	86360		
Aberporth	502	81910	56205	23317	873//	15705	83706	88712	
Filton	628	12613	62050	24419	11531	14202	81820		
Rhoose	715	72913	67011	24617	5143/	12305	85815	84362	
Hartland Point	703	72718	60022	24115	755//	13001	87625		
Mount Batten	827	72406	28054	25615	762//	13001	87703		
St.Mawgan	817	12611	62014	25418	18401	15102	81810		
Scilly	804	22409	56050	26019	12401	14302	81818		
Culdrose	809	62607	42054	25817	66300	14001	86706		
Guernsey	894	12710	50404	26717	16100	12107	81702		
Elmdon	534	12308	64011	22618	10932	11000	81360		
Cardington	559	42406	59050	22421	25781	10801	82650	83359	
Wittering	462	42711	64021	21919	40870	12000	81357	83359	
Watnall	354	12411	70016	21418	10942	13000	81364		
Shawbury	414	52412	68031	21920	38584	14803	81820	83645	
Finningley	360	22407	65026	19921	11642	14805	81830		
Spurn Point	396	62707	56056	20617	6097/	13301	86360		
Leeming	257	72514	82032	19717	75531	13202	82620	87656	
Tynemouth	262	52614	69022	18119	21534	14805	82820	84359	
Carlisle	222	82408	26516	18415	851//	14804	82702	86705	88616
Valley	302	81918	40206	21415	872//	15000	88703		
Ringway	334	71810	64011	21517	754//	13802	81714	87618	
Squires Gate	318	72208	62216	21017	654/2	15801	84615	84640	87075
Ronaldsway	204	82309	56052	19915	852//	13500	83704	87712	88626
Mull of Galloway	131	62323	58051	18416	12531	14806	81825	83360	86075
Eskdalemuir	162	72012	40286	17914	752//	13807	86703	87615	
Prestwick	135	52814	75036	17618	18432	14301	81818	84075	
Abbotsinch	140	72509	75036	16717	524/1	14806	83818	83822	87075
Leuchars	171	72515	75021	15718	32532	12705	83824	83364	86075
Dyce	091	72607	89024	13719	38536	14809	82820	87275	
Lerwick	005	82312	50036	11111	871//	11804	86702	88704	
Wick	075	81806	82602	12614	3547/	10806	81618	83645	85359
Sule Skerry	010	82512	60022	11912	4527/	12501	82704	84625	88458
Cape Wrath	049	82318	66022	12212	4622/	10703	84705	88460	
Stornoway	026	82117	68616	11613	6542/	12813	82712	85618	88545
Benbecula	022	82016	56636	12213	853//	13814	84708	85710	88618
Tiree	100	82016	62031	14514	1637/	13806	81707	88460	
Aldergrove	917	72413	75022	18018	21532	14804	82820	87362	
Malin	980	72217	81032	16016	16476	11611	81717	86360	
Belmullet	976	42027	70011	16317	15432	13712	81716		
Birr	965	72311	80015	19420	42532	14809	84822	83070	
Dublin	969	72412	80012	19319	7643/	16707	84713	86622	86359
Shannon	962	52412	82025	19820	22502	14708	82823	85075	
Roches Point	952	82114	40586	22216	861//	15000	88702		
Valentia	953	42011	70015	21118	12402	15703	81713	84070	

OBSERVATIONS at 18h. 23 September 1978

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	72210	64021	22417	00902	12606	82170	87075	
Hurn	862	52308	56051	23117	10931	14504	81362	85075	
Manston	797	52111	58031	20718	10984	13706	81364	85075	
Gatwick	776	52108	62031	21819	10932	12505	81364	85075	
Kew	775	62308	68021	21321	10931	10602	81362	86075	
Heathrow	772	62404	65021	21320	10932	12503	81365	86075	
Honington	586	72506	66021	19920	20982	10507	82360	87075	
Wattisham	590	72506	60031	20119	10932	10509	81365	87075	
Gorleston	497	80000	60022	19520	40947	13609	84358	88275	
Aberporth	502	82012	40515	21715	873//	15607	83706	88708	
Filton	628	72812	65031	22716	10932	14704	81365	87075	
Rhoose	715	62911	58051	22915	28431	13704	81816	86075	
Hartland Point	703	72517	64022	22715	754//	13803	87618		
Mount Batten	827	72507	47051	24016	66201	15707	86703	83075	
St.Mawgan	817	72512	40051	24216	36204	15504	83705	86075	
Scilly	804	52511	56051	24215	35501	14709	83622	83075	
Culdrose	809	72705	30052	24216	782//	14507	83705	84812	
Guernsey	894	12511	56050	25016	00901	12709	81075		
Elmdon	534	72510	63021	20918	55432	14502	84616	87075	
Cardington	559	62310	60051	20420	40932	12603	84365	85075	
Wittering	462	62509	60041	19819	40981	14709	84362	85078	
Watnall	354	72710	66031	19519	55631	15505	85640	86075	
Shawbury	414	82007	64022	19918	854//	15506	85612	88615	
Finningley	360	72410	75031	18420	6857/	15606	83824	85640	
Spurn Point	396	71803	64031	18418	25671	15609	82630	87360	
Leeming	257	72217	65022	17417	754//	14612	87612		
Tynemouth	262	72503	69022	15718	4557/	13611	84625	87359	
Carlisle	222	72106	62015	16116	28438	14809	81812	84362	86275
Valley	302	82021	08505	19215	870//	15709	88700		
Ringway	334	72111	65212	19717	754//	15504	82714	87616	
Squires Gate	318	82416	62032	18716	862//	15709	86705	88708	
Ronaldsway	204	82311	35281	17014	860//	14712	81701	88702	
Mull of Galloway	131	62320	60032	15814	656//	14711	86635		
Eskdalemuir	162	82012	58032	15515	884//	13609	84710	84820	88640
Prestwick	135	72212	81032	14716	18576	12613	81824	85360	87362
Abbotsinch	140	72105	68022	13716	5547/	12714	81715	83632	87359
Leuchars	171	72615	75032	13116	3557/	11713	83622	85359	86362
Dyce	091	71806	65616	11414	6541/	12720	81615	86650	87459
Lerwick	005	82113	56216	08611	852//	10720	83703	85707	88615
Wick	075	82009	80216	09213	5567/	11520	85635	87358	88460
Sule Skerry	010	82320	58616	06712	6737/	11736	86706	88458	
Cape Wrath	049	82117	65636	04812	874//	10752	88710		
Stornoway	026	81927	50616	04713	7532/	12842	87706	87630	88557
Benbecula	022	81925	15636	05713	871//	13840	86701	88704	
Tiree	100	81925	59216	09714	7632/	13727	82708	86712	88460
Aldergrove	917	72312	80022	15616	655/8	14513	83620	86645	87270
Malin	980	82123	80022	12416	2647/	12717	81716	88460	
Belmullet	976	82024	68021	13516	854//	14611	82717	88640	
Birr	965	72307	82022	18317	15672	12506	81636	85462	85070
Dublin	969	72611	82022	16918	18516	13705	81828	83460	87270
Shannon	962	72413	82021	18718	18542	13508	81825	83359	85075
Roches Point	952	72111	75036	20815	16342	14606	81709	87072	
Valentia	953	61914	70011	20217	32532	14507	83820	85070	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00220	087	+	+
Hurn	862	00220	104	+	+
Manston	797	00250	097	+	+
Gatwick	776	00240	096	+	+
Kew	775	00240	094	+	+
Heathrow	772	00250	097	+	+
Honington	586	00230	078	+	+
Wattisham	590	00230	086	+	+
Gorleston	497		075		
Aberporth	502	92171	002	d_od_o	$d_od_oid_o$
Filton	628	00200	091	+	+
Rhoose	715	00190	085	+	+
Hartland Point	703	00160	047		
Mount Batten	827	00180	067	+	+
St.Mawgan	817	00190	086	+	+
Scilly	804	00190	089	+	+
Culdrose	809	00180		+	+
Guernsey	894	00190	108	ifjf	jf
Elmdon	534	00210	087	+	+
Cardington	559	00240	094	+	+
Wittering	462	00210	088	+	+
Watnall	354	00220	050	+	+
Shawbury	414	00200	041	+	+
Finningley	360	00220	039	+	+
Spurn Point	396			+	+
Leeming	257	00190	010	+	+
Tynemouth	262	00200	046	+	+
Carlisle	222	97181	013	d_od_o	+
Valley	302	97160	000	r_od_o	d_off
Ringway	334	97190	010	+	r_o
Squires Gate	318	97190	012	d_o–r_o	+
Ronaldsway	204	00170	017	f	ff
Mull of Galloway	131	00160			
Eskdalemuir	162	00181	027	ff	+
Prestwick	135	00191	057	+	+
Abbotsinch	140	97181	033	ir_o	+
Leuchars	171	00190	027	+	+
Dyce	091	01191	046	r_o	r_or_or
Lerwick	005	01122	000	$d_od_oid_of$	$ir_or_or_o$
Wick	075	02151	013	$ir_orrr_or_o$	$r_or_oir_o$
Sule Skerry	010	05132			
Cape Wrath	049	07132	000	id	rr
Stornoway	026	09151	000	$r_or_orrr_or_o$	$r_or_orrr_or_od_o$
Benbecula	022	09142	000	r_or_orr	$Rrdrd_od_o$
Tiree	100	01151	001	ir_or	$ir_od_or_o$
Aldergrove	917	00191	047	+	+
Malin	980	0017	009		
Belmullet	976	0017	019		
Birr	965	9721	033		
Dublin	969	0021	016		
Shannon	962	9720	061		
Roches Point	952	9118	032		
Valentia	953	9219	059		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

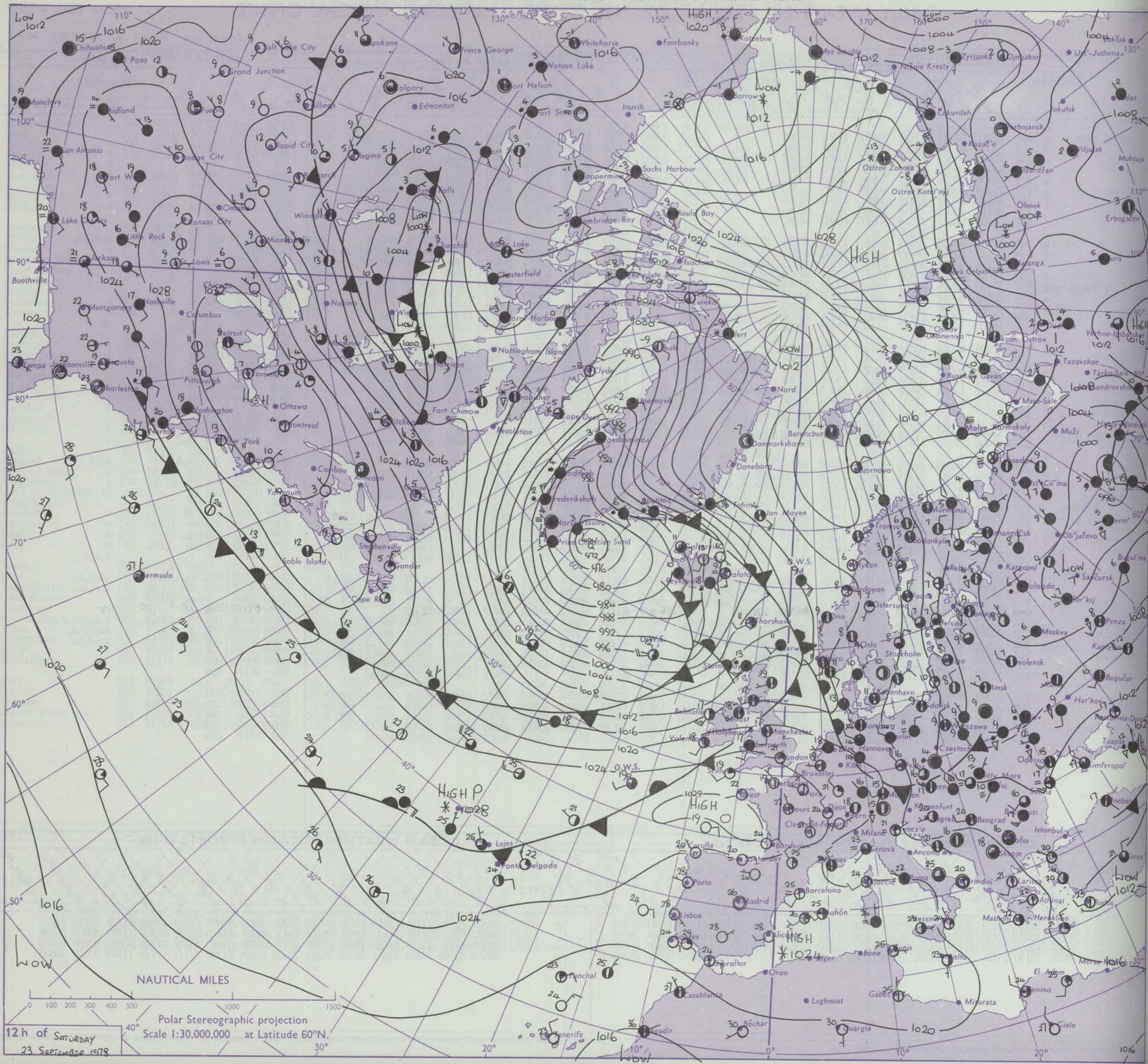
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23121	52519	97258	02709	53400	00225	83912	/////	05406	11111	31111	/////
L	99569	70203	23124	52522	97018	96512	58400	51216	82815	85645	0//08	11262	30604	26008
M	99657	10018	23124	81226	98032	13208	5857/	00716	82820	84630	0//03	10935	30604	10803
R	99470	70170	23124	22310	98020	25318	00902	00103	82073	/////	0//16	11884	30000	26804

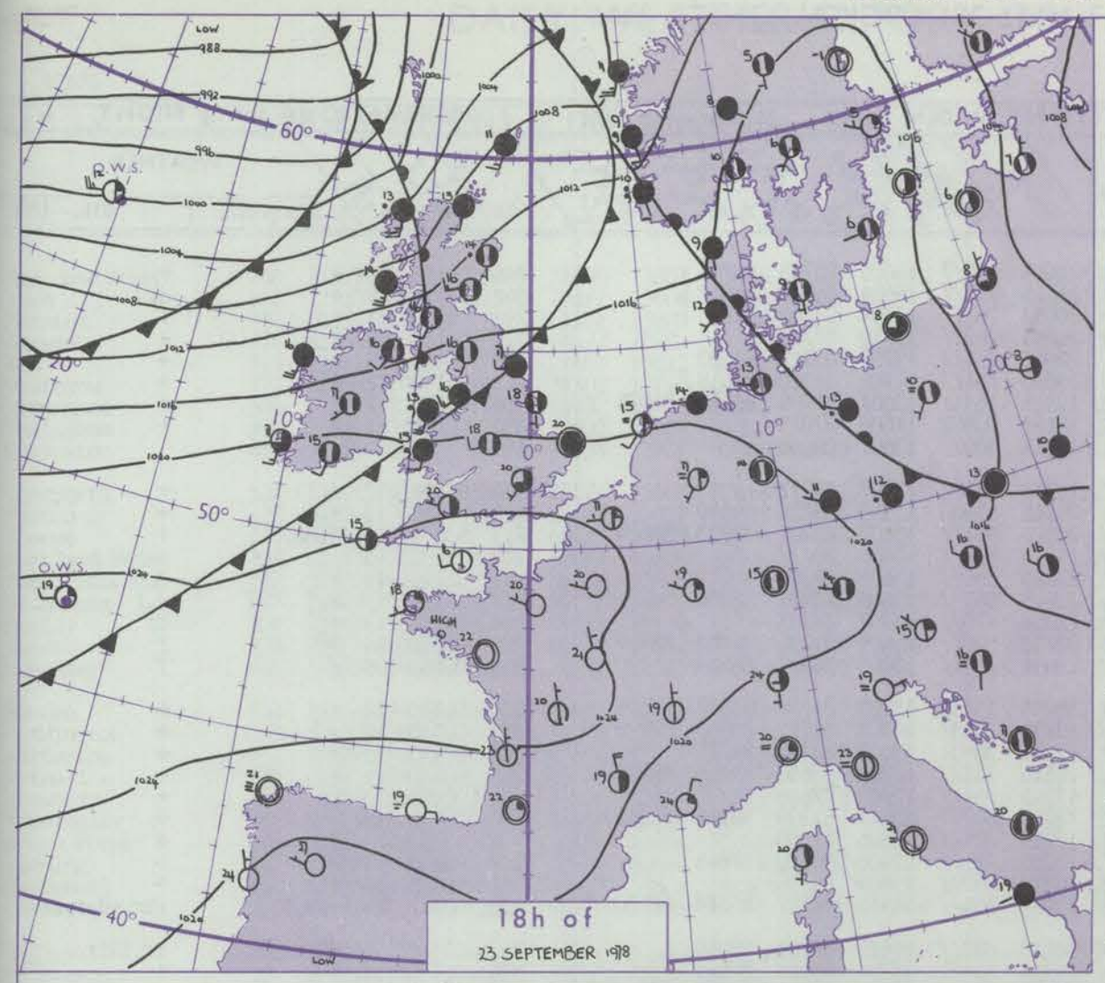
OCEAN WEATHER STATION REPORTS at 18h.

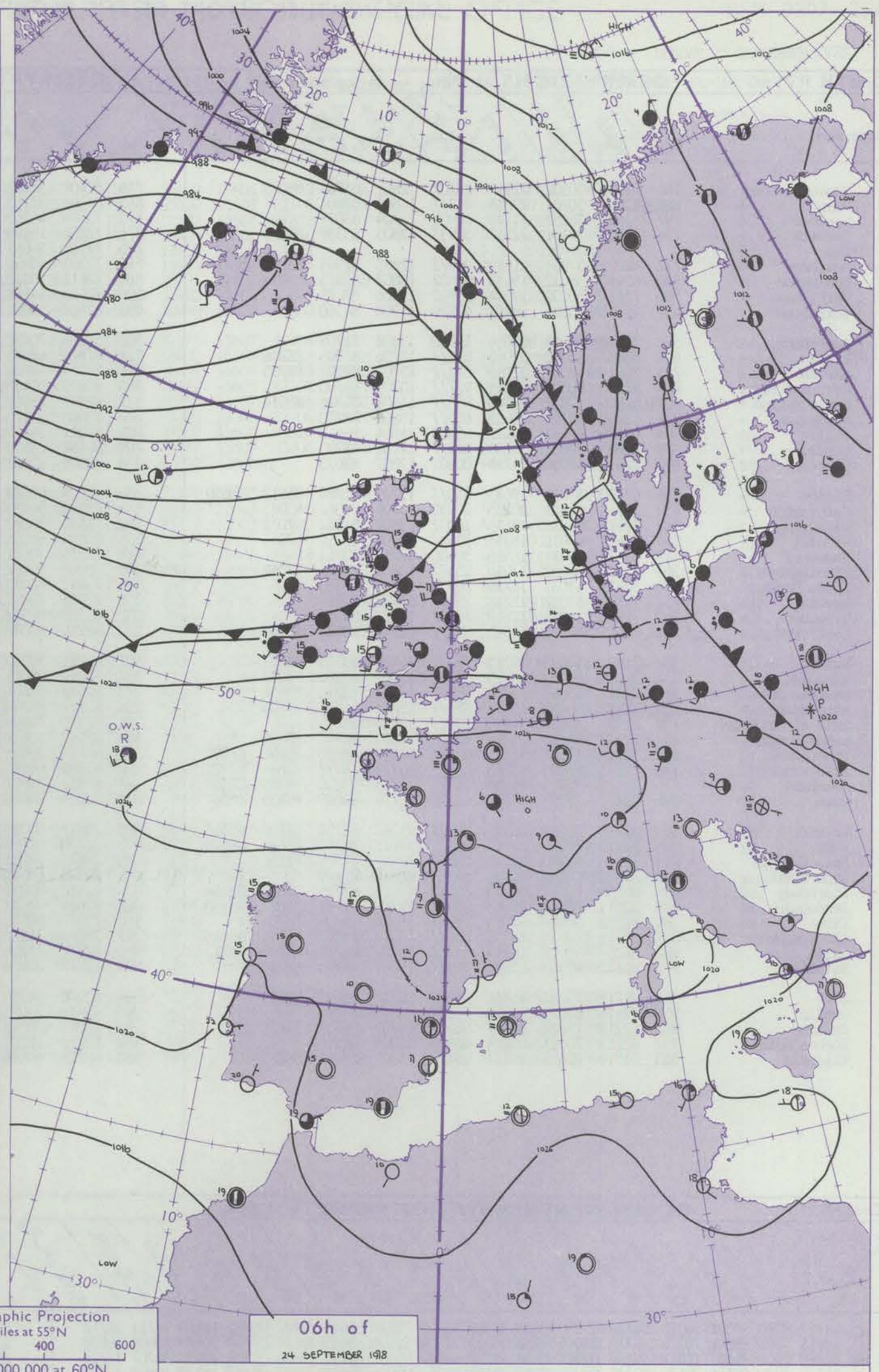
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_sa$pp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	23181	72618	97158	07010	79300	00225	86909	/////	05204	11101	31212	/////
L	99570	70206	23184	32526	97011	99112	24432	61106	81815	/////	0//07	11254	30605	26008
M	99658	10014	23184	81229	98022	07308	45577	00836	84625	84458	0//04	10933	30706	00/00
R	99469	70169	23184	22512	98021	24318	10932	81604	81360	/////	0//16	11879	30000	26805

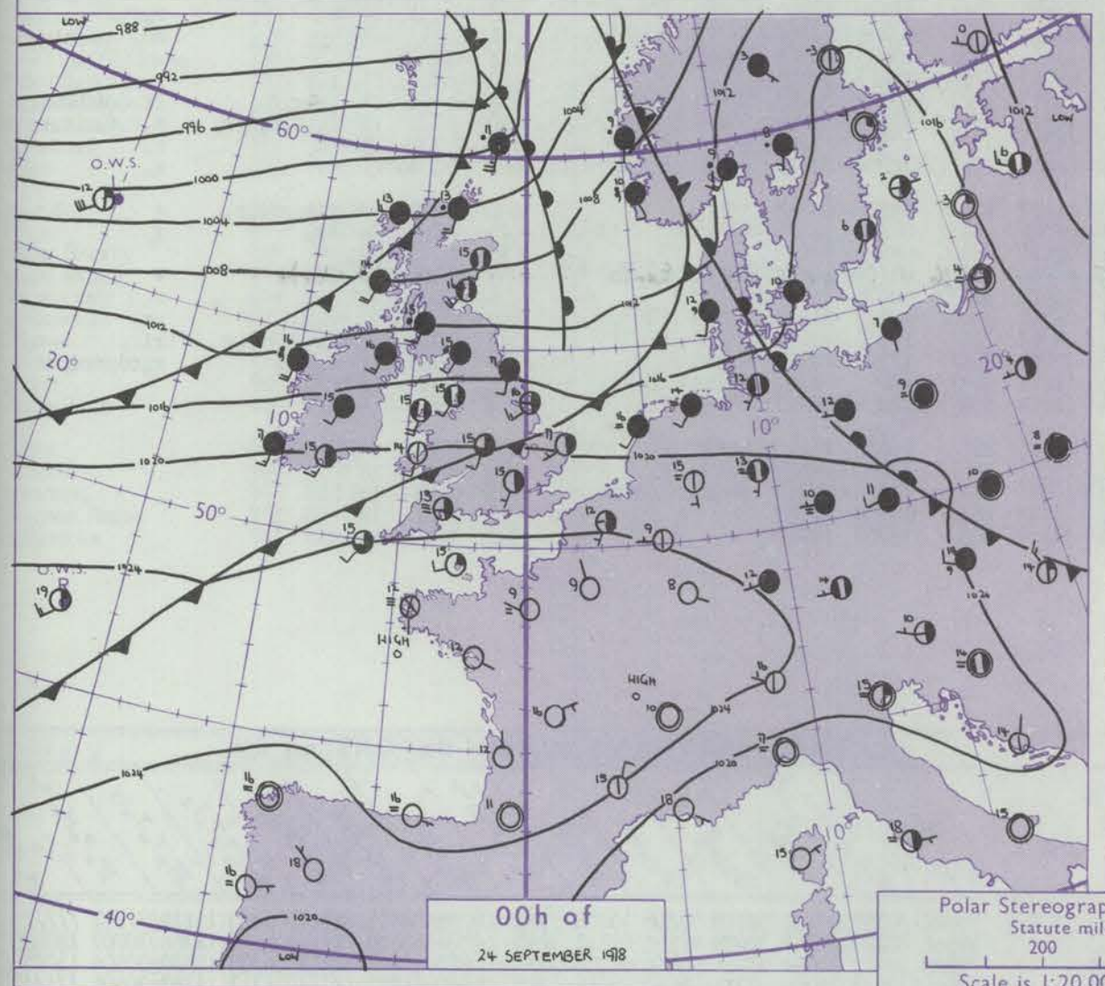
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 24 SEPTEMBER 1978

During the past 24 hours a ridge of high pressure over France has persisted while a weak cold front moved slowly southeastwards from Scotland to South Wales and central England and became very weak. Further frontal troughs affected the north with another cold front moving slowly southeast over Scotland and Northern Ireland.

During the next 24 hours the cold front is expected to continue moving southeast into England and Wales with a shallow wave crossing central districts in a mainly westerly airflow.

Code FM 11.V

OBSERVATIONS at 00h. 24 September 1978

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	72506	30102	22912	36202	12801	83704	86075	
Hurn	862	82705	30102	22815	862//	14803	88704		
Manston	797	32409	56051	21114	00902	11704	83075		
Gatwick	776	52406	30101	22312	30931	12805	83359	84075	
Kew									
Heathrow	772	42205	57051	21515	20972	12805	82365	83075	
Honington	586	62410	58012	19615	00902	12807	86075		
Wattisham	590	72511	60032	19914	00902	11806	87075		
Gorleston	497	42406	60031	18917	40970	13708	84360		
Aberporth	502	12012	64025	20614	16300	13808	81708		
Filton	628	82607	45522	22015	872//	15706	84705	88706	
Rhoose	715	82611	42581	22015	871//	15704	87702	88703	
Hartland Point	703	92620	00532	22015	9////	15705	89/00		
Mount Batten	827	82806	57052	24015	853//	14801	86706	88614	
St.Mawgan	817	82309	15102	23615	860//	15804	88700		
Scilly	804	62409	62011	24115	65400	14804	86618		
Culdrose	809	82605	30051	24215	862//	14702	88703		
Guernsey	894	22511	56050	24715	00902	12807	82075		
Elmdon	534	62110	59042	19615	653//	13709	81708	85612	86650
Cardington	559	52313	62021	20215	20932	13808	82362	85075	
Wittering	462	72512	62032	19115	10932	13807	81362	87072	
Watnall	354	72411	60012	18315	754//	14708	83710	87645	
Shawbury	414	32418	65011	18516	36400	12713	83711		
Finningley	360	72210	80032	17016	2557/	13808	82620	87362	
Spurn Point	396	52313	61031	16716	50970	14713	85360		
Leeming	257	72306	65022	15216	754//	14712	87613		
Tynemouth	262	72318	81022	12618	7093/	12722	87358		
Carlisle	222	82411	60602	14615	855//	13810	83624	88640	
Valley	302	71921	59035	18215	752//	14606	83705	87657	
Ringway	334	32008	80016	18315	10932	13807	81360	83075	
Squires Gate	318	72311	65012	17615	754//	15807	82710	87650	
Ronaldsway	204	82212	66032	15715	854//	13811	81714	88624	
Mull of Galloway	131	82327	70602	14214	855//	13714	88625		
Eskdalemuir	162	82122	56216	13113	854//	12823	86710	88620	
Prestwick	135	82213	65602	12315	6557/	13809	82620	85626	87359
Abbotsinch	140	82117	62606	10815	854//	13712	81712	83616	87622
Leuchars	171	72419	80022	09016	5547/	11725	83618	84630	87360
Dyce	091	72111	75016	07115	6557/	12719	83625	85635	87364
Lerwick	005	81925	20636	00211	851//	11748	83702	85706	88615
Wick	075	82118	70606	03113	854//	11617	81715	86626	88640
Sule Skerry	010	72816	60206	01112	3637/	12506	83706	87360	
Cape Wrath	049	92322	02556	03611	9////	10316	89/00		
Stornoway	026	82714	75026	04213	853//	12213	83709	85622	88656
Benbecula	022	82515	72016	05813	3547/	12208	81711	83627	88460
Tiree	100	82222	50616	07914	862//	14606	86704	88708	
Aldergrove	917	82215	80022	13716	854//	14512	81713	84616	88645
Malin	980	82217	59616	10715	6722/	15707	81704	84709	86713
Belmullet	976	82122	40586	12516	862//	15609	86705	88710	
Birr	965	82212	75022	16816	3567/	12812	83632	88459	
Dublin	969	72416	80032	15816	7097/	12810	87460		
Shannon	962	82213	75022	17717	864//	14709	86715	86625	
Roches Point	952	42213	70011	20015	46400	14809	83710		
Valentia	953	81914	70022	19317	864//	15807	83713	88718	

OBSERVATIONS at 06h. 24 September 1978

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	82408	57052	21015	862//	14605	85705	88706	
Hurn	862	82406	32102	21515	853//	14604	86706	88612	
Manston	797	72508	45101	20013	763//	13504	87708		
Gatwick	776	72205	16104	20513	762//	13710	87704		
Kew	775	72308	56051	20015	754//	13707	83712	87620	
Heathrow	772	72307	58051	19816	754//	14708	81710	87618	
Honington	586	72412	50012	17915	16311	13607	81709	85465	86075
Wattisham	590	72415	44102	18113	00902	11606	87075		
Gorleston	497	82410	58031	17215	8092/	13607	88460		
Aberporth	502	52116	70031	18915	46401	13807	84712		
Filton	628	62615	68025	20215	65300	15505	83708	84630	
Rhoose	715	82713	48106	20316	851//	15607	82702	87703	88624
Hartland Point	703	92523	00455	19715	9////	15607	89///		
Mount Batten	827	82311	28102	22215	860//	15606	88701		
St.Mawgan	817	82008	20105	21815	861//	15608	85702	88706	
Scilly	804	82211	56102	22216	870//	15707	88701		
Culdrose	809	82406	25102	22115	860//	15609	81700	84703	88707
Guernsey	894	72509	13101	23614	761//	13803	84702	86703	
Elmdon	534	62209	65022	18014	15732	12803	81656	83362	86075
Cardington	559	82313	56052	18715	26437	14503	82712	83365	88278
Wittering	462	72514	70022	17215	30931	13605	83362	86075	
Watnall	354	82410	68031	16514	15772	12706	81650	83360	88075
Shawbury	414	72210	70031	17315	754//	12703	87616		
Finningley	360	82010	80022	15015	60977	12611	82359	86362	88275
Spurn Point	396	72413	70022	15015	7097/	13508	87360		
Leeming	257	71905	70032	13216	755//	12400	84620	87645	
Tynemouth	262	62520	80022	10817	6097/	13609	86358		
Carlisle	222	82314	60026	11715	854//	14510	82712	85618	88630
Valley	302	81921	59032	16115	852//	14610	86705	88650	
Ringway	334	72011	75011	16516	65472	13704	81618	86645	
Squires Gate	318	82414	64606	15415	854//	14710	81712	83630	88645
Ronaldsway	204	82217	68036	13315	853//	13708	81708	83712	88617
Mull of Galloway	131	82330	74026	11414	5552/	13609	85625	88460	
Eskdalemuir	162	82112	35616	10813	872//	12613	88705		
Prestwick	135	82714	25556	11513	7522/	13309	82703	85704	86616
Abbotsinch	140	82305	60616	10313	6532/	12309	81708	84712	86626
Leuchars	171	82511	81602	07715	4537/	12503	81708	84650	88360
Dyce	091	62709	82016	06113	38571	11308	81825	83640	85075
Lerwick	005	22517	60026	01209	18430	08209	81818		
Wick	075	32710	81016	04509	18432	08208	81818	83075	
Sule Skerry	010	22924	74011	02611	28400	09400	81815		
Cape Wrath	049	62722	80035	04011	22576	08104	82820	83460	86270
Stornoway	026	62510	80031	05410	38432	09400	81817	85359	
Benbecula	022	62414	80022	07412	38432	10210	81818	83640	85070
Tiree	100	72314	66036	09012	784//	11306	81818	83625	87637
Aldergrove	917	73012	75216	12913	754//	12310	81712	87620	
Malin	980	82317	75216	11612	6642/	10205	22712	83718	88459
Belmullet	976	82212	62605	12714	854//	12806	84717	88636	
Birr	965	82208	64026	15116	864//	15612	85710	88630	
Dublin	969	72416	80026	13517	3557/	13706	83625	87459	
Shannon	962	82314	70022	15517	6547/	15708	82715	86625	86459
Roches Point	952	82215	60101	17915	863//	15706	88707		
Valentia	953	82216	60606	17117	863//	16709	88708		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00110	06	+	+
Hurn	862	97110	09	+	d_o
Manston	797	00130	11	+	+
Gatwick	776	00110	08	f	+
Kew	775	00140	10	+	+
Heathrow	772	00140	12	+	+
Honington	586	00140	12	+	+
Wattisham	590	00130	11	+	+
Gorleston	497				
Aberporth	502	97131	12	d_o	+
Filton	628	97150	13	d_od	+
Rhoose	715	93151	12	$d_o-d_or_o$	+
Hartland Point	703	92150	15		
Mount Batten	827	97140	11	+	d_o
St.Mawgan	817	97150	13	d_of	d_of
Scilly	804	00140	13	+	ff
Culdrose	809	00150	14	+	f
Guernsey	894	00140	09	+	f
Elmdon	534	00140	11	+	+
Cardington	559	00140	12	+	+
Wittering	462	00150	13	+	+
Watnall	354	00130	11	+	+
Shawbury	414	00150	13	+	+
Finningley	360	00140	12	+	+
Spurn Point	396			+	+
Leeming	257	00160	14	+	+
Tynemouth	262	00160	14	+	+
Carlisle	222	03141	14	r_or_or	$rRr_o-d_or_odr$
Valley	302	01141	14	+	ir_oiRir_o
Ringway	334	00130	12	+	+
Squires Gate	318	01151	14	+	r_or
Ronaldsway	204	02141	12	+	Rd_o
Mull of Galloway	131	91131			
Eskdalemuir	162	05121	11	r_cr	r_or_o
Prestwick	135	04111	11	$ir_cr_or_o$	$ir_odrddDDd_or_o$
Abbotsinch	140	01121	11	$ir_or_or_od_or_o$	$d_or_od_or_or_or_o$
Leuchars	171	97130	13	+	r_o
Dyce	091	97131	11	+	r_o
Lerwick	005	05091	07	$r_or_orrr_or_o$	+
Wick	075	92081	06	ir_o	+
Sule Skerry	010	01111	09		
Cape Wrath	049	03102	09	DDff	+
Stornoway	026	92091	07	id_o	+
Benbecula	022	95111	10	d_od_o	pr_o
Tiree	100	06121	11	$ir_od_orrr_or$	rir_o
Aldergrove	917	01121	11	r_oir_o	$r_ord_or_od_o$
Malin	980	1512	11		
Belmullet	976	0312	11		
Birr	965	9716	14		
Dublin	969	9716	14		
Shannon	962	0016	15		
Roches Point	952	9714	12		
Valentia	953	9716	15		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$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	24001	42719	98028	12107	43400	00227	82914	/////	05702	11115	3//11	26/12
L	99568	70207	24004	32430	97258	00511	38400	51004	81815	83630	0//07	11279	30606	26008
M	99657	10014	24004	81027	97616	99508	854//	00742	84712	88620	0//08	10950	30707	/////
R	99470	70170	24004	32314	98020	24418	00902	00001	83073	/////	0//17	11916	30803	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$D_sv_s$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	24061	52718	98258	15208	53400	00219	81911	84828	05603	11111	3//12	/////
L	99566	70209	24064	32429	97258	02111	32400	61301	83815	/////	0//07	11266	30707	28009
M	99659	10012	24064	81221	96616	92308	5532/	00829	83707	84613	0//08	10989	30504	13705
R	99469	70168	24064	42315	98030	22618	42500	00610	84823	/////	0//17	11883	30504	/////

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

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

No. 42676

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue MONDAY 25 SEPTEMBER 1978

Code FM 11.V — OBSERVATIONS at 12h. 24 September 1978

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	32313	75021	20120	31400	13807	83818		
Hurn	862	72310	60016	21317	753//	15604	86708	85620	
Manston	797	22314	70011	19521	11501	13809	81820		
Gatwick	776	62316	60021	20220	684//	15809	84818		
Kew	775	22411	70021	19321	21601	13812	82830		
Heathrow	772	32310	70011	19422	31501	13710	83828		
Honington	586	12514	82011	17222	10932	12708	81362		
Wattisham	590	22516	72011	17521	10932	12709	81362		
Gorleston	497	32515	60021	16721	20934	13707	82360	83075	
Aberporth	502	72116	65022	18317	754//	15808	87618		
Filton	628	62720	75011	19819	685//	15807	83825	83645	
Rhoose	715	62716	80012	20118	684//	13804	82816	86624	
Hartland Point	703	82515	30284	20015	860//	15706	88701		
Mount Batten	827	82310	15105	21916	860//	15806	88701		
St.Mawgan	817	72515	40025	21417	761//	16605	82702	87706	
Scilly	804	72312	56014	22018	762//	16806	87704		
Culdrose	809	82511	09424	21616	861//	16710	86701	88704	
Guernsey	894	72513	30054	23616	762//	14704	84703	86705	
Elmdon	534	32514	75011	16721	11681	12709	81830		
Cardington	559	32119	70011	17522	21602	12811	82830		
Wittering	462	22319	81021	16221	11631	13709	81835		
Watnall	354	12515	83011	15720	11540	14607	81820		
Shawbury	414	72316	81022	16419	7844/	13806	81816	87618	
Finningley	360	22415	82011	14222	18640	12510	81835		
Spurn Point	396	52417	68022	14519	50970	13604	85360		
Leeming	257	72314	86022	12818	55432	14804	85618	86367	
Tynemouth	262	82710	81022	11517	856//	13105	88640		
Carlisle	222	82611	50516	12913	852//	13205	81705	84708	88616
Valley	302	82025	30216	15315	861//	15610	88702		
Ringway	334	72117	75031	15719	5853/	13708	83822	83650	
Squires Gate	318	82315	70016	14616	7547/	15709	81618	87640	
Ronaldsway	204	82806	22518	14113	870//	13504	81701	84703	88710
Mull of Galloway	131	82710	60596	13912	872//	11202	83704	88710	
Eskdalemuir	162	72212	58606	11813	5547/	12801	83714	84627	86360
Prestwick	135	72313	75016	12314	4837/	11101	81708	84657	87362
Abbotsinch	140	72514	75036	10914	68432	11004	81818	85656	87075
Leuchars	171	72417	81036	09415	2153/	09205	82825	87362	
Dyce	091	72309	84031	07616	6863/	06002	83830	83640	85650
Lerwick	005	62421	65151	02712	22452	09206	82815	84360	
Wick	075	42524	84020	04815	48540	07805	83820		
Sule Skerry	010	72622	70151	03613	4346/	10204	84910	87358	
Cape Wrath	049	72722	78818	04510	7947/	10503	84915	87620	
Stornoway	026	42318	81021	05614	48500	08000	83820		
Benbecula	022	12517	75018	06814	18400	09207	81818		
Tiree	100	82322	60802	08813	884//	11707	84815	88635	
Aldergrove	917	82507	65616	13712	2622/	11502	82705	88459	
Malin	980	82218	70606	11314	6547/	12705	82715	85635	88460
Belmullet	976	72216	66216	13014	5547/	11400	82717	84637	87359
Birr	965	83501	60506	15414	863//	13305	88708		
Dublin	969	82513	70505	13519	863//	15501	84707	84715	87620
Shannon	962	83308	70215	15615	873//	14305	82706	85712	88718
Roches Point	952	82113	50205	17516	862//	15704	88705		
Valentia	953	82609	50516	16316	863//	15705	88706		

OBSERVATIONS at 18h. 24 September 1978

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	52314	70021	18617	58400	14606	82818	84624	
Hurn	862	52311	50051	19416	55300	15608	82708	85611	
Manston	797	12214	60020	18017	11500	14501	81822		
Gatwick	776	22212	59041	19116	25400	14501	82610		
Kew	775	12112	62010	17718	11600	14602	81832		
Heathrow	772	12110	65020	17619	11600	14504	81834		
Honington	586	52513	80011	15819	25731	11501	82650	84359	
Wattisham	590	32615	82011	16120	35600	12503	83645		
Gorleston	497	32410	66020	15021	30940	12607	83360		
Aberporth	502	82316	62602	16616	873//	15607	88708		
Filton	628	52713	81031	18417	58400	14508	83818	84628	
Rhoose	715	52612	80011	18717	48439	14608	81818	83622	
Hartland Point	703	72725	60034	18116	761//	15608	87702		
Mount Batten	827	62312	57051	20216	66230	15507	82705	84707	
St.Mawgan	817	62313	70011	19917	65300	15506	83706	85620	
Scilly	804	32314	60031	20217	32500	15608	83820		
Culdrose	809	72409	57054	20316	753//	15507	83706	85610	
Guernsey	894	02814	50281	21615	00900	13608			
Elmdon	534	72411	68021	15918	786//	12503	81830	87645	
Cardington	559	22316	80010	16518	20940	12803	82360		
Wittering	462	72215	68031	15518	757//	13503	82650	87656	
Watnall	354	72411	74011	14517	755//	13609	87620		
Shawbury	414	72214	65022	15017	5547/	14605	84618	85359	87362
Finningley	360	72111	75211	13518	7547/	14503	87619		
Spurn Point	396	82316	68606	13519	3567/	13804	83630	88460	
Leeming	257	80206	58212	12613	853//	13501	83707	85709	88625
Tynemouth	262	82710	69022	11913	2567/	11101	82630	88358	
Carlisle	222	82506	50586	12311	852//	11805	82705	83707	86710
Valley	302	83307	50636	15113	853//	12309	81706	84708	88620
Ringway	334	72013	65616	13917	754//	15711	83614	86618	87650
Squires Gate	318	83309	30596	14213	872//	13309	84703	88706	
Ronaldsway	204	82511	58635	13813	882//	12302	83703	85816	88650
Mull of Galloway	131	72414	71216	12912	25570	11703	82620	85450	
Eskdalemuir	162	72113	62616	11710	783//	09603	85708	85820	87635
Prestwick	135	72314	70016	11213	48471	12502	81713	83656	
Abbotsinch	140	52409	75258	10213	48430	11502	81712	83656	
Leuchars	171	62512	81256	08612	28532	09703	81820	84364	
Dyce	091	32606	84258	06812	19503	09501	81820	81922	
Lerwick	005	32415	65038	01910	38401	08500	82815		
Wick	075	62310	68158	04912	5946/	05502	81710	82915	84632
Sule Skerry	010	62722	82258	02411	3346/	08711	83915	86360	
Cape Wrath	049	72624	81158	03311	5347/	08400	84915	85920	87360
Stornoway	026	52412	65258	04810	594//	08501	82912	83820	
Benbecula	022	22414	80018	06011	29400	07703	82912		
Tiree	100	22317	70018	08512	23400	09502	81918		
Aldergrove	917	62308	80016	12613	45332	11503	81707	83645	85075
Malin	980	62519	75806	10712	635//	10506	83820	81920	84640
Belmullet	976	52417	80026	13013	584//	09304	82717	83640	
Birr	965	72605	66605	15613	764//	12303	86711	87633	
Dublin	969	72711	70215	14213	3642/	12502	83715	87458	
Shannon	962	82610	65615	16313	853//	12307	82707	83712	87640
Roches Point	952	83208	70586	16314	4737/	14301	84709	88459	
Valentia	953	72605	60605	17314	753//	13206	81709	87638	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00220	069	+	+
Hurn	862	97190	037	d_o–d_or_o	+
Manston	797	00230	085	+	+
Gatwick	776	00210	075	+	+
Kew	775	00220	082	+	+
Heathrow	772	00230	078	+	+
Honington	586	00230	082	+	+
Wattisham	590	00230	085	+	+
Gorleston	497		079		
Aberporth	502	01181	009	+	$ir_or_or_o$
Filton	628	00200	087	+	+
Rhoose	715	00190	061	+	+
Hartland Point	703	00160	030		
Mount Batten	827	97170	022	id_ojf	+
St.Mawgan	817	00200	044	+	+
Scilly	804	00190	031	+	+
Culdrose	809	00170	002	ff	+
Guernsey	894	00190	058	+	if
Elmdon	534	00220	077	+	+
Cardington	559	00230	086	+	+
Wittering	462	00220	092	+	+
Watnall	354	97210	063	+	r_o
Shawbury	414	00190	008	+	+
Finningley	360	94221	045	+	$r_ord_or_odr$
Spurn Point	396			+	$ir_or_or_o$
Leeming	257	01181	000	+	d_or
Tynemouth	262	93171	000	+	r_or_o
Carlisle	222	05141	000	$d_or_od_or_od_odr$	d_or_odrdr–rr_o
Valley	302	03151	000	ir_o	d_orr
Ringway	334	02191	015	+	$r_od_or_od_or_odr$
Squires Gate	318	05162	000	r_o	$d_oDRd_or_oRrr$
Ronaldsway	204	05151	000	d_od_od	d_od_odrRr
Mull of Galloway	131	06141			
Eskdalemuir	162	06131	000	r_oir_o	ir_orr_o
Prestwick	135	02141	000	$r_oir_or_or_o$	ir_oprpr_o
Abbotsinch	140	94151	012	pr_or_o	ir_opr_o
Leuchars	171	95170	038	r_o	pr_o
Dyce	091	97171	024	+	pr_o
Lerwick	005	02131	074	pr_o	pr_o
Wick	075	91161	091	pr_o	pr_o
Sule Skerry	010	93132			
Cape Wrath	049	01131	089	pr_opr	pr_o
Stornoway	026	94151	079	pr_o	pr_o
Benbecula	022	97141	072	pr_o	pr_o
Tiree	100	02151	053	$prpr_o$	pR
Aldergrove	917	05131	001	$d_or_orr_od_or_odr$	$rdrpr_opr$
Malin	980	0215	014		
Belmullet	976	0114	005		
Birr	965	0517	000		
Dublin	969	0519	000		
Shannon	962	0418	000		
Roches Point	952	9617	001		
Valentia	953	0317	000		

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

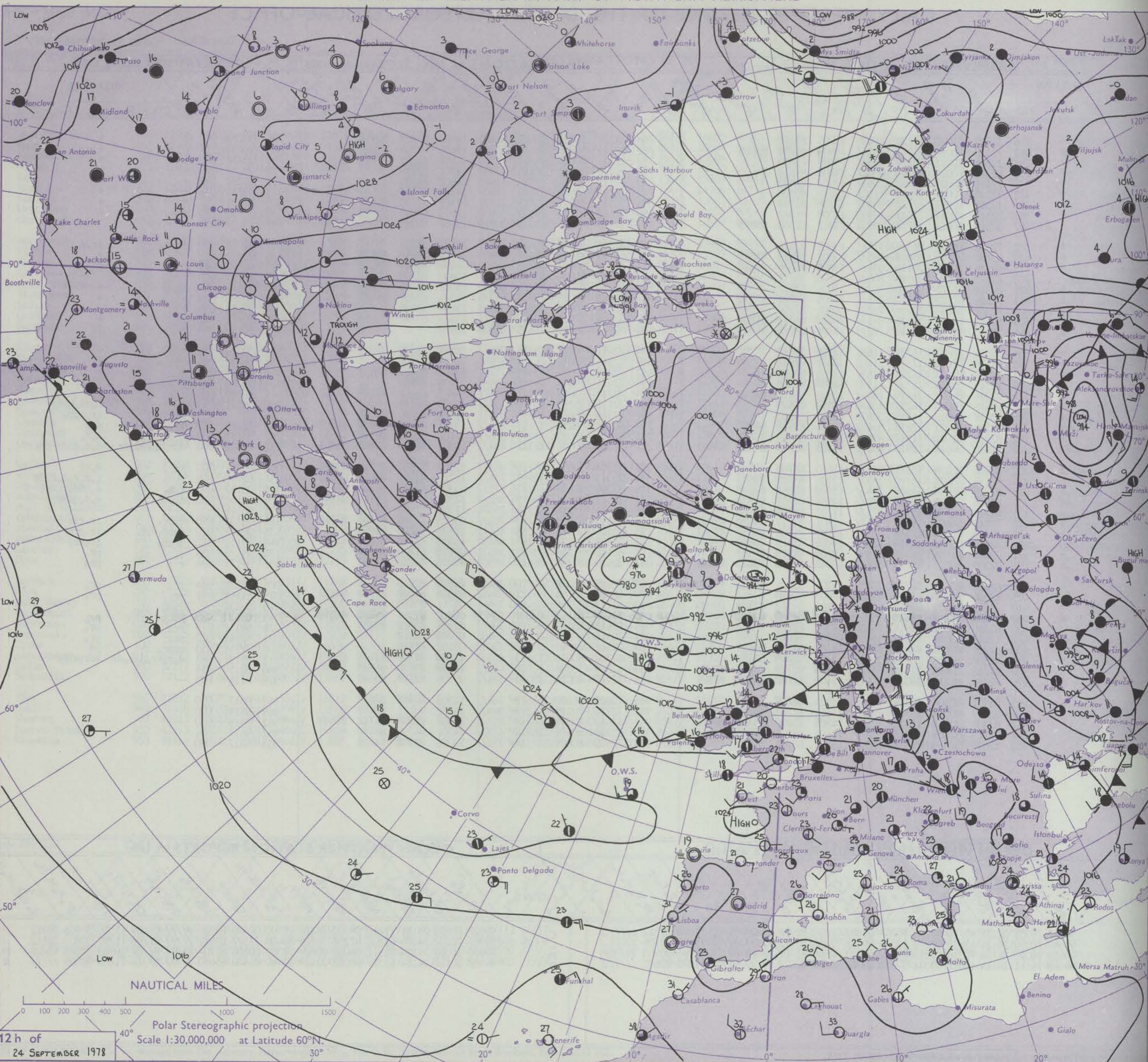
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24121	62718	97258	18207	63400	00210	82918	84825	05602	11078	31312	/////
L	99566	70200	24124	62630	95878	03209	59463	21213	83912	/////	0//07	11287	30706	22011
M	99659	10010	24124	72316	97216	89209	65330	00500	85708	86625	0//08	10981	30403	99/05
R	99468	70161	24124	62417	97031	23018	00901	00101	86073	/////	0//17	11878	30605	/////

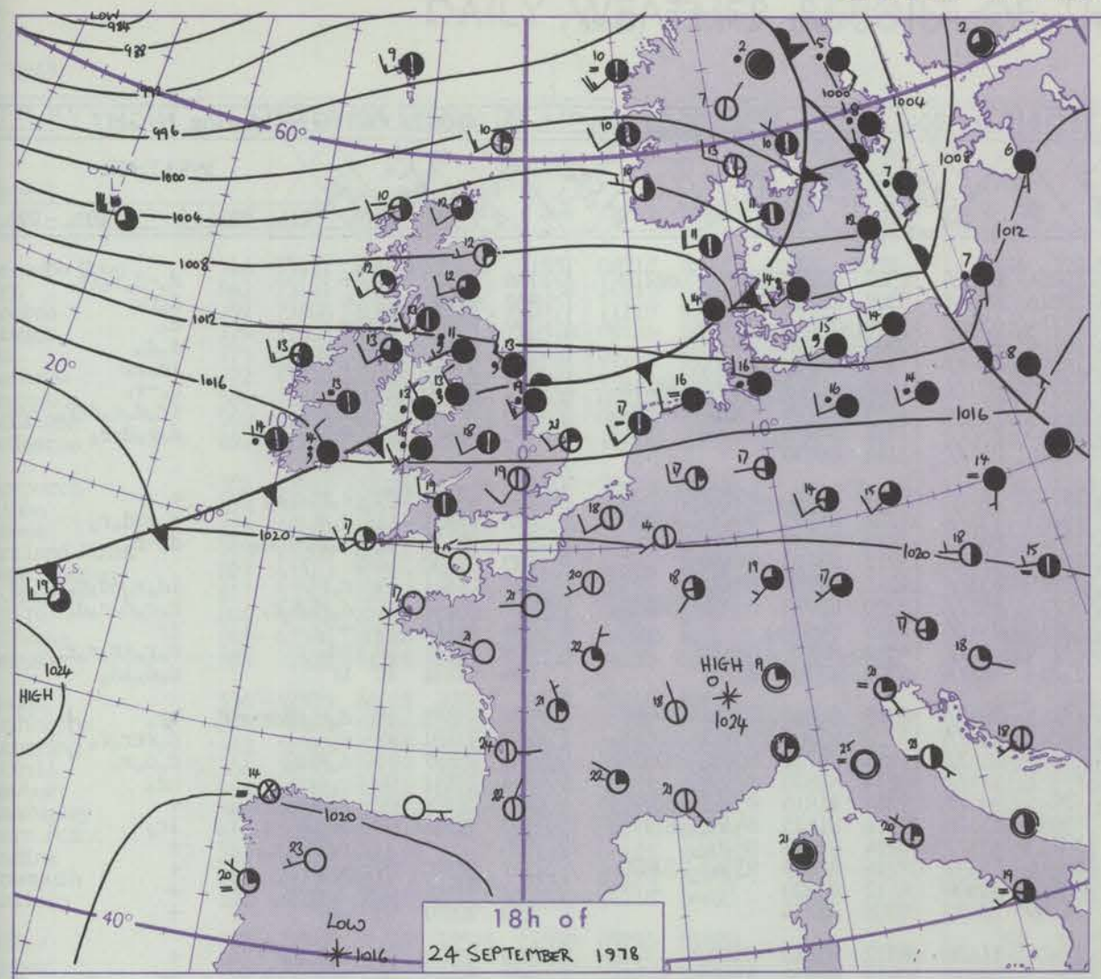
OCEAN WEATHER STATION REPORTS at 18h.

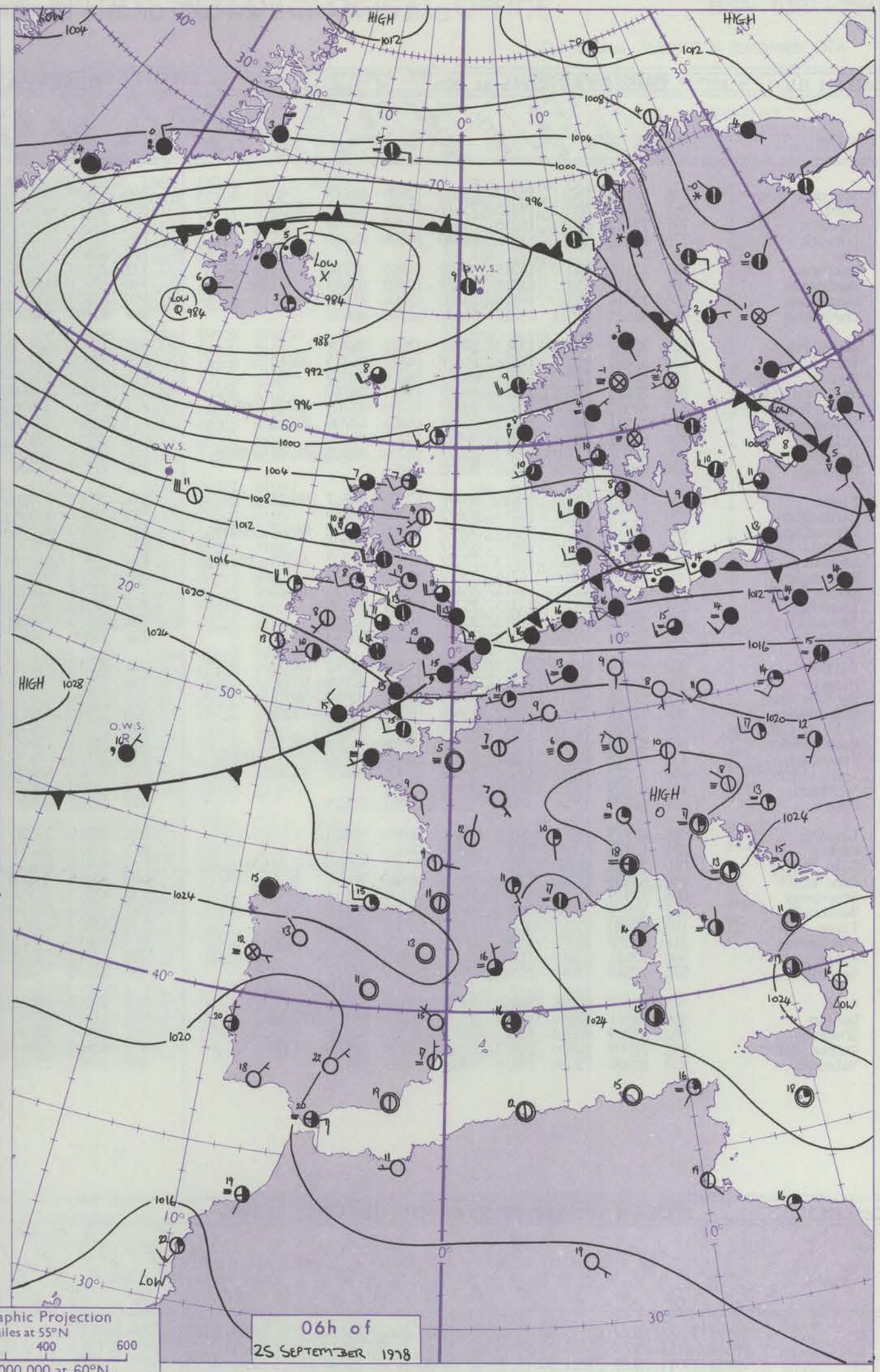
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24181	72416	98022	18310	75500	00400	87626	/////	05104	11050	30908	28412
L	99566	70192	24184	62636	97258	04909	59403	22317	83912	/////	0//05	11299	30807	22112
M	99659	10009	24184	72312	98028	90809	78300	00108	82707	84817	0//07	10963	30503	99/06
R	99468	70168	24184	62517	98022	22419	55740	00400	85650	/////	0//18	11880	30605	/////

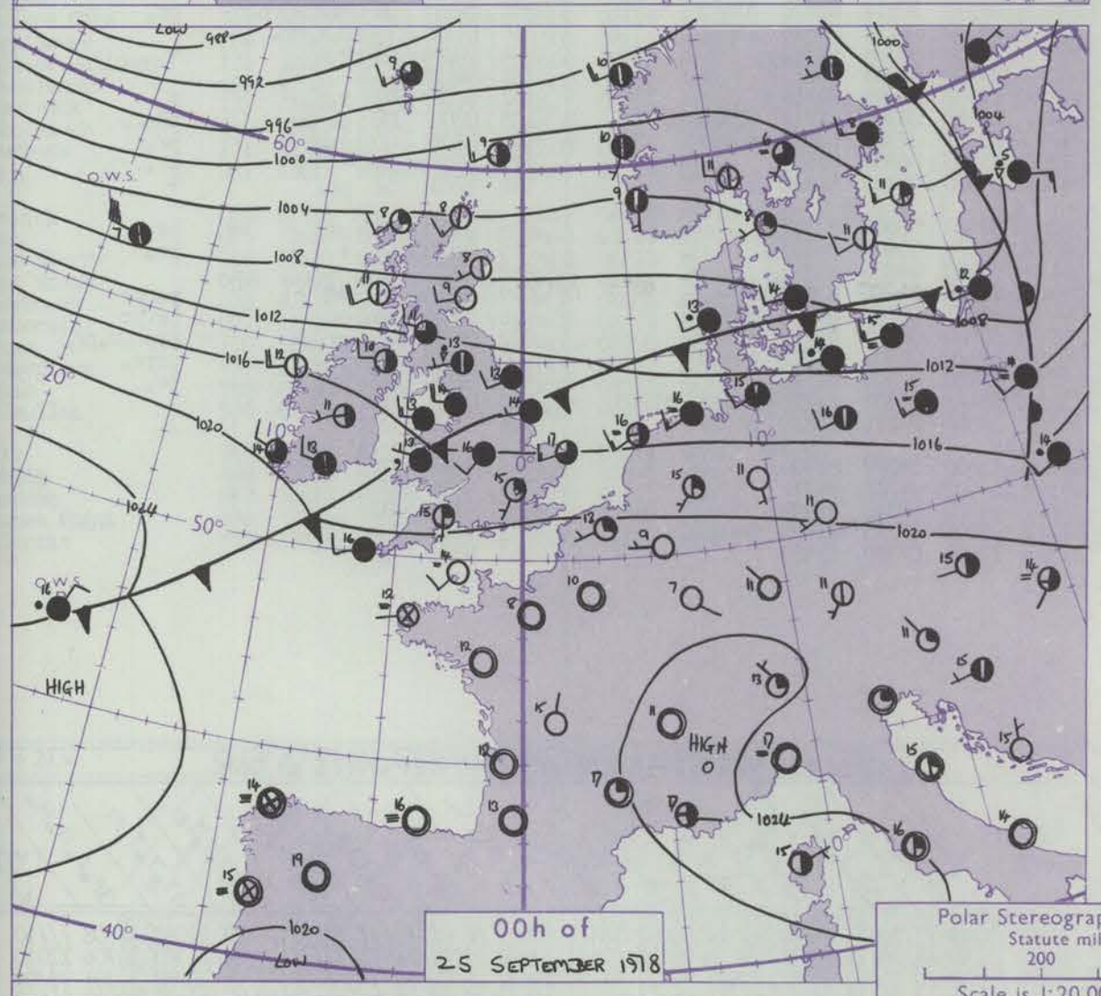
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 25 SEPTEMBER 1978

During the past 24 hours a depression has remained in the Iceland area and its associated cold front, with minor waves running northeastwards, moved slowly southeast from central parts of the British Isles to southeast England.

During the next 24 hours the cold front over southeastern districts will continue to move slowly southeast into the Continent. Pressure will be low to the north of the British Isles and relatively high in the south.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 25 September 1978

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	12108	75011	18713	15400	12806	81615		
Hurn	862	72409	70011	19315	754//	14704	83710	87623	
Manston	797	72312	65031	18116	763//	14803	87709		
Gatwick	776	62210	57041	18815	66400	14806	85710		
Kew									
Heathrow	772	22106	59030	18015	16401	14705	81710		
Honington	586	72313	75031	15916	756//	12803	87645		
Wattisham	590	12414	75020	16514	15700	12604	81650		
Gorleston	497	62515	66021	15217	655//	12704	86625		
Aberporth	502	82907	40516	17813	870//	13211	88701		
Filton	628	82411	80021	17616	854//	14810	86713	88618	
Rhoose	715	82515	72032	17616	863//	14608	88708		
Hartland Point	703	82625	74022	17515	864//	15707	88710		
Mount Batten	827	82510	57051	19916	852//	15703	81703	84707	88626
St.Mawgan	817	72311	60031	19615	753//	14806	83706	87613	
Scilly	804	82512	70031	20216	864//	15705	88710		
Culdrose	809	82507	22102	19915	860//	15704	82700	84702	88705
Guernsey	894	02310	45104	21414	00900	13605			
Elmdon	534	82210	66022	15416	854//	13505	86617	88635	
Cardington	559	62218	68031	16115	656//	12708	86648		
Wittering	462	72212	75032	15115	5567/	13605	82630	84640	87359
Watnall	354	82803	45516	14913	872//	13307	88703		
Shawbury	414	82702	30625	15613	7722/	12305	82703	83705	86710
Finningley	360	82306	70606	14314	856//	12105	88642		
Spurn Point	396	82606	58216	13914	854//	13005	84715	88625	
Leeming	257	72302	80012	13313	757//	09201	87656		
Tynemouth	262	32510	69016	11912	30930	10400	83358		
Carlisle	222	72506	66806	12213	784//	12702	83713	84818	
Valley	302	82716	80216	16213	27407	11304	82712	88270	
Ringway	334	82206	40616	15213	7722/	13301	87705	88550	
Squires Gate	318	82718	65216	14414	854//	12607	85710	88626	
Ronaldsway	204	52715	70016	14512	15408	08306	81714	85275	
Mull of Galloway	131	42920	84018	13311	45500	10102	84625		
Eskdalemuir	162	82512	65616	11810	853//	09502	84708	88618	
Prestwick	135	62812	68258	11811	684//	09305	81710	83822	85645
Abbotsinch	140	32312	75258	10510	38500	07500	81820	83642	
Leuchars	171	02509	80021	08709	00900	07801			
Dyce	091	12407	82028	07408	15500	04701	81625		
Lerwick	005	42515	65258	01009	48400	06603	83815		
Wick	075	12213	80018	04608	10930	06803	81359		
Sule Skerry	010	32918	81258	02410	39400	08803	83915		
Cape Wrath	049	52324	80258	02910	534//	08609	85915		
Stornoway	026	22310	75258	05208	29400	06104	81915		
Benbecula	022	52619	70258	06511	59400	07203	85915		
Tiree	100	12420	75010	09211	13400	07301	81917		
Aldergrove	917	42612	82028	14110	48400	08308	81710	83634	
Malin	980	22621	80018	11911	23400	07003	82918		
Belmullet	976	12519	78018	15012	16400	06210	81717		
Birr	965	52407	66016	16911	556//	09305	85633		
Dublin	969	52611	80016	16012	555//	10209	82624	85645	
Shannon	962	22709	80018	18212	25700	10211	82650		
Roches Point	952	72809	70026	18913	2567/	11209	82632	87358	
Valentia	953	62909	75036	19614	65600	09211	86638		

OBSERVATIONS at 06h. 25 September 1978

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	83409	68581	19014	872//	12307	82703	86706	88710
Hurn	862	82507	56581	19216	873//	15307	83706	88708	
Manston	797	62311	80031	17714	654//	13301	81618	86645	
Gatwick	776	72307	59101	18714	754//	13305	83710	87615	
Kew	775	82408	50501	18415	874//	13307	86710	88715	
Heathrow	772	82609	40505	18315	852//	14309	81705	84710	88618
Honington	586	82911	56596	17312	852//	12316	83704	85614	88625
Wattisham	590	83109	45586	17213	852//	13312	84703	88640	
Gorleston	497	82708	66216	16514	857//	12214	88650		
Aberporth	502	72914	62025	19712	783//	08309	81708	83812	87638
Filton	628	72903	75216	19813	752//	12222	81705	86635	87650
Rhoose	715	83202	68026	19513	881//	12218	81702	88642	
Hartland Point	703	73006	74016	19914	3747/	13212	83710	87360	
Mount Batten	827	83006	59506	20215	853//	14211	83708	88632	
St.Mawgan	817	83209	58216	20714	852//	13210	83703	85708	88635
Scilly	804	83211	80216	22115	854//	13225	88618		
Culdrose	809	82906	57606	21214	853//	14312	83707	88624	
Guernsey	894	72512	56204	21215	762//	14302	83703	85707	
Elmdon	534	72707	70026	17913	3847/	10315	81810	83656	87362
Cardington	559	82807	40636	18013	853//	13220	83708	85712	88618
Wittering	462	72710	82606	17313	6547/	11214	81711	86650	87359
Watnall	354	72605	65036	17311	1847/	10214	81810	87359	
Shawbury	414	82805	81026	17911	38477	09314	81815	85362	88270
Finningley	360	72612	70016	15912	15578	09211	81625	84362	87275
Spurn Point	396	82718	62026	15713	3557/	10214	83625	88460	
Leeming	257	72512	84038	14811	25532	07216	82625	83362	87070
Tynemouth	262	42610	80028	13410	35508	08112	83620		
Carlisle	222	22806	75028	14109	28430	09309	81714		
Valley	302	62817	81021	18511	11478	08312	81818	86270	
Ringway	334	62512	75036	17012	38532	10211	81820	83645	86070
Squires Gate	318	72916	82031	16613	48402	08212	83818	85072	
Ronaldsway	204	12616	80021	16310	18438	08308	81715		
Mull of Galloway	131	22720	84038	15110	25500	08209	82625		
Eskdalemuir	162	12211	75016	13407	12402	05208	81818		
Prestwick	135	72520	75158	13011	68442	08309	81712	83818	85640
Abbotsinch	140	72314	68808	11710	785//	07309	83820	85645	
Leuchars	171	12409	80020	09907	15600	06205	81630		
Dyce	091	12205	82020	08204	15630	02204	81630		
Lerwick	005	32315	70020	01208	39400	06601	82912		
Wick	075	52312	80031	04807	50970	05601	84359		
Sule Skerry	010	52722	81258	02110	59400	07805	85910		
Cape Wrath	049	82419	74808	04109	894//	06207	83915	88620	
Stornoway	026	62313	75258	04407	694//	06707	81710	85914	
Benbecula	022	52523	80258	06210	59400	06504	81710	82914	
Tiree	100	62323	65808	09510	694//	06302	81712	84918	
Aldergrove	917	22410	82018	15508	25400	07208	81711		
Malin	980	72729	82808	13211	734//	07308	81712	86818	81918
Belmullet	976	32619	74028	16711	39500	07211	83820	81920	
Birr	965	12107	80011	18908	15600	06207	81630		
Dublin	969	12510	80031	18209	16402	07211	81717		
Shannon	962	12711	80031	20211	18500	08211	81820		
Roches Point	952	42506	70011	21710	15602	07213	81635	84075	
Valentia	953	12912	75021	21913	12500	07210	81823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97120	07	+	d_o–$d_or_oir_o$
Hurn	862	97140	13	+	d_or_o
Manston	797	97130	11	+	d_o
Gatwick	776	97120	11	+	d_od_o
Kew	775	97140	11	+	id_or_o
Heathrow	772	97140	12	+	d_o–r_o
Honington	586	97121	11	+	$ir_od_or_odrr_o$
Wattisham	590	92121	11	+	$d_or_odrr_o$
Gorleston	497				
Aberporth	502	03121	09	$r_or_od_od_o$	+
Filton	628	95131	11	$d_od_or_o$	$d_or_od_or_o$
Rhoose	715	95131	12	d_or_o–r_od_o	d_o–r_o
Hartland Point	703	02130	12		
Mount Batten	827	01141	13	d_or_o	$id_or_odd_or_o$
St.Mawgan	817	03141	11	$d_or_od_or_o$	$d_or_od_or_od_o$
Scilly	804	94140	12	+	ir
Culdrose	809	01131	13	id_o	$d_or_oir_or_or_o$
Guernsey	894	97131	10	if	$d_od_oid_o$
Elmdon	534	03121	10	d_or_oDRdr–rr_o	r_o
Cardington	559	01131	13	d_o	$d_orrr_or_o$
Wittering	462	95121	11	$d_od_or_o$	$d_od_or_o$
Watnall	354	01111	09	r_odrr_o	id_o
Shawbury	414	01101	07	$d_odrd_or_orr_o$	+
Finningley	360	91120	09	drd_or_o–r_oir_o	ir_o
Spurn Point	396			$r_oid_oir_o$	+
Leeming	257	97100	07	pr_o	+
Tynemouth	262	93101	07	r_or_opr	+
Carlisle	222	92091	05	pr_o	+
Valley	302	03111	08	rrr_or_o	+
Ringway	334	02111	09	$drd_or_orr_or$	pr_o
Squires Gate	318	01121	10	$d_or_orr_o$	+
Ronaldsway	204	00101	07	+	+
Mull of Galloway	131	94101			
Eskdalemuir	162	01071	03	r_or_o	+
Prestwick	135	02091	08	$prpr_o$	$pRpr_o$
Abbotsinch	140	01091	05	pr_o	pr_o
Leuchars	171	97061	03	+	pr_o
Dyce	091	97031	52	pr_o	+
Lerwick	005	01071	06	pr_o	pr
Wick	075	91071	03	+	pr_o
Sule Skerry	010	03072	05		
Cape Wrath	049	96071	06	pr_o	pr_opr
Stornoway	026	03061	04	pr_o	pr_opr
Benbecula	022	04071	04	pr_opR	$prph_or_opr_o$
Tiree	100	94091	07	pr_o	$prpr_o$
Aldergrove	917	91081	07	pr_o	pr_o
Malin	980	0210	08		
Belmullet	976	0110	09		
Birr	965	9107	05		
Dublin	969	0208	04		
Shannon	962	9210	07		
Roches Point	952	9710	06		
Valentia	953	9312	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_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	25001	62315	98022	17910	65500	00807	86629	/////	00006	11033	3//09	28/11
L	99566	70185	25004	72836	97258	06106	794//	21002	86912	/////	0//06	11279	30808	22112
M	99659	10011	25004	72811	97018	91409	78400	00301	82815	86625	0//05	10980	30402	99/05
R	99469	70169	25004	80212	96606	25015	4857/	00010	82820	84630	0//15	11877	30502	25604

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25061	82514	98032	18410	60932	00302	/////	/////	05107	11085	3//08	///10
L	99565	70177	25064	12630	98018	07511	13400	22304	81912	/////	0//06	11303	30706	22010
M	99660	10010	25064	73407	97022	91409	48432	00000	82714	85358	0//06	10983	30201	99/04
R	99468	70169	25064	80207	97546	25615	2257/	00400	82820	88450	0//12	11877	30000	25503

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. 42677

Date of Issue TUESDAY 26 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 25 September 1978

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	73111	84016	23517	21531	08217	82825	83368	87078
Hurn	862	73111	80025	23617	21538	10219	82825	85359	
Manston	797	73106	80026	22015	757//	11119	87656		
Gatwick	776	73005	80025	22517	38578	09116	81826	86362	87270
Kew	775	72808	80016	22317	21631	09211	82830	85362	87075
Heathrow	772	72810	82026	22217	2857/	10111	82828	87362	
Honington	586	72814	82036	21016	48532	09213	83822	83362	86075
Wattisham	590	72914	82026	21216	31502	08114	83822	87075	
Gorleston	497	62715	66022	20414	3557/	10216	83625	86358	
Aberporth	502	22912	81021	24214	21500	08219	82820		
Filton	628	53310	82012	24015	11632	07219	81830	85072	
Rhoose	715	53012	82012	24116	41609	07018	84830		
Hartland Point	703	23206	85011	24714	12530	07119	81825		
Mount Batten	827	63310	82016	24917	21671	10218	82830	85365	
St.Mawgan	817	53311	82015	25215	38432	10215	82818		
Scilly	804	63412	82022	26316	41441	08219	84818		
Culdrose	809	63508	80026	25615	11432	08218	81815	84360	
Guernsey	894	73512	61216	24714	751//	14219	83702	86703	87610
Elmdon	534	42913	84021	22015	31602	05119	83835		
Cardington	559	72812	81026	22016	52532	09217	85825	86075	
Wittering	462	52915	82016	21316	38601	06117	83830	83075	
Watnall	354	52811	80022	21214	52502	07219	85825		
Shawbury	414	42616	83011	22016	42500	07115	84828		
Finningley	360	42516	83011	19616	44602	04115	84837		
Spurn Point	396	42716	70011	19415	42500	06215	84825		
Leeming	257	42716	89028	18215	48600	06115	84835		
Tynemouth	262	22716	80020	16314	23600	05213	82930		
Carlisle	222	42716	81011	17414	48500	08216	84825		
Valley	302	12517	82021	22515	11500	09216	81820		
Ringway	334	32618	84018	21015	32540	07115	83828		
Squires Gate	318	32719	82011	20814	32500	08116	83822		
Ronaldsway	204	12519	84020	20013	11500	08216	81822		
Mull of Galloway	131	32725	82030	18613	38500	08210	81820	83625	
Eskdalemuir	162	42520	82028	16112	48500	06212	84820		
Prestwick	135	72616	70258	16812	734//	09218	81710	82920	86640
Abbotsinch	140	32620	75258	14914	38500	06215	82824		
Leuchars	171	52726	82158	12814	53503	04213	81920	84822	
Dyce	091	12617	88018	10014	18602	01314	81830		
Lerwick	005	82316	65258	02408	894//	06106	81710	83912	85815
Wick	075	22623	86038	06311	29433	03109	82816	81916	
Sule Skerry	010	72625	68278	04609	49403	06213	84910	87070	
Cape Wrath	049	52515	80818	05510	33473	07321	83915	85360	
Stornoway	026	62418	81258	07109	29432	06008	81915	84068	
Benbecula	022	22625	80258	09013	29400	06214	81912		
Tiree	100	32430	62258	12313	39400	09209	81915		
Aldergrove	917	32716	81028	18914	38500	07012	82825		
Malin	980	62530	75258	16313	634//	09215	86818	81918	
Belmullet	976	62518	72808	19813	634//	08209	81717	85920	
Birr	965	52713	82028	22614	585//	08211	82822	84636	
Dublin	969	52714	80031	21315	52500	07311	85825		
Shannon	962	32817	82018	23715	32500	08112	83824		
Roches Point	952	72611	75021	24715	784//	07309	86817	85632	
Valentia	953	22813	75030	25215	28500	11116	81823		

OBSERVATIONS at 18h. 25 September 1978

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	32805	82021	25114	15601	06210	81635	83075	
Hurn	862	33007	82021	25014	00901	07209	83075		
Manston	797	23103	68011	23815	15701	09211	81650		
Gatwick	776	22905	82011	24514	14702	06213	81650		
Kew	775	22905	80021	24215	14601	05213	81640		
Heathrow	772	12803	81021	24116	15602	07212	81640		
Honington	586	12505	72021	23413	14602	06213	81635		
Wattisham	590	12907	70021	23712	15601	05213	81635		
Gorleston	497	12702	66021	23114	00904	06216	81075		
Aberporth	502	12411	81030	24813	18501	09102	81820		
Filton	628	12808	82011	25015	14601	07209	81640		
Rhoose	715	12710	81011	25213	18500	08208	81825		
Hartland Point	703	33005	83030	25713	22501	07105	82825		
Mount Batten	827	13209	82011	26315	00901	07209	81075		
St.Mawgan	817	13006	88011	26313	18502	08205	81820		
Scilly	804	23204	82031	27615	21401	08305	82818		
Culdrose	809	33405	80021	27013	28405	05307	81815		
Guernsey	894	73505	82022	25915	11432	11207	81815	86075	
Elmdon	534	22712	82020	23813	15601	05312	81640		
Cardington	559	42607	80011	23814	34602	06210	83635		
Wittering	462	32606	80031	23012	34600	07209	81840		
Watnall	354	12605	81021	22812	14600	08210	81635		
Shawbury	414	12308	80011	23512	14501	07210	81625		
Finningley	360	12607	80020	21913	14601	07312	81835		
Spurn Point	396	22712	70021	21714	22600	06215	82830		
Leeming	257	32211	84020	20413	34601	07113	83640		
Tynemouth	262	42715	80020	18213	33640	07213	83930		
Carlisle	222	42511	81251	18413	28532	08103	81825	83075	
Valley	302	32217	83030	23014	18504	10601	81825	83075	
Ringway	334	22410	81030	23013	18601	07109	81830		
Squires Gate	318	32515	82030	22113	12642	09303	81832	83075	
Ronaldsway	204	62515	82031	21113	15642	07202	81635	86075	
Mull of Galloway	131	52718	84011	19613	35601	08400	83630	85075	
Eskdalemuir	162	42318	81028	17411	18502	06502	81823	84072	
Prestwick	135	72417	65158	17412	4343/	09705	81915	83630	86360
Abbotsinch	140	72414	62298	16012	794//	08302	81712	83920	87645
Leuchars	171	32514	65258	13611	28432	07006	81712		
Dyce	091	32605	89031	10712	28531	03203	81825		
Lerwick	005	82315	50808	03508	892//	05101	84704	88910	
Wick	075	72213	70808	07609	6843/	05304	85816	86360	
Sule Skerry	010	72724	48168	04511	49363	09400	84906	86358	
Cape Wrath	049	72720	80818	05709	53474	08803	85915	87360	
Stornoway	026	22718	80258	07808	22470	07308	82817		
Benbecula	022	52725	75158	10111	38462	08321	81818	83635	
Tiree	100	72425	68011	13312	18436	08302	81817	87272	
Aldergrove	917	62512	80258	20012	58501	09103	82820	83635	
Malin	980	72321	75258	17012	68432	10203	85819		
Belmullet	976	72318	70258	20013	5343/	09603	81717	82920	83638
Birr	965	72407	82021	23413	556/2	08204	85636	84070	
Dublin	969	62613	82022	22214	35602	06206	83630	84070	
Shannon	962	72611	83021	24114	685/2	09301	81824	86645	
Roches Point	952	22411	80011	25514	28401	08306	81819		
Valentia	953	72308	80028	25713	785//	09204	81820	87640	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00170	062	+	+
Hurn	862	00190	052	+	+
Manston	797	91180	020	d_o–r_od_o	+
Gatwick	776	00190	043	+	+
Kew	775	00180	046	+	+
Heathrow	772	97190	049	r_o	+
Honington	586	00171	054	+	+
Wattisham	590	00170	058	+	+
Gorleston	497		051		
Aberporth	502	00151	095	+	+
Filton	628	00170	073	+	+
Rhoose	715	00170	064	+	+
Hartland Point	703	00150	071		
Mount Batten	827	00181	056	+	+
St.Mawgan	817	00171	071	+	+
Scilly	804	00180	069	+	+
Culdrose	809	00170	062	+	+
Guernsey	894	97170	012	$d_or_od_od_of$	+
Elmdon	534	00170	079	+	+
Cardington	559	00180	055	+	+
Wittering	462	00170	064	+	+
Watnall	354	00160	063	+	+
Shawbury	414	00170	073	+	+
Finningley	360	00170	077	+	+
Spurn Point	396			+	+
Leeming	257	97160	089	pr_o	+
Tynemouth	262	00151	099	+	+
Carlisle	222	97151	097	+	pr_o
Valley	302	00160	100	+	+
Ringway	334	00150	075	+	+
Squires Gate	318	00151	096	+	+
Ronaldsway	204	00150	100	+	+
Mull of Galloway	131	00141			
Eskdalemuir	162	96131	082	pr_o	pr_o
Prestwick	135	03141	047	pr_opr	pr_o
Abbotsinch	140	07141	060	pr_o	$ph_or_otl_opR$
Leuchars	171	97140	093	pr_o	pr_o
Dyce	091	97151	091	pr_o	+
Lerwick	005	06111	035	pr_o	pr_o
Wick	075	03132	062	pr_o	pr_opr
Sule Skerry	010	08112			
Cape Wrath	049	04111	038	prpr$_o$	pr
Stornoway	026	03121	054	prphrpr_o	pr_o
Benbecula	022	01141	054	pr_o	$prpr_o$
Tiree	100	95141	058	pr_opr	pr_o
Aldergrove	917	95151	073	pr_o	pr_o
Malin	980	0314	047		
Belmullet	976	0115	056		
Birr	965	9716	057		
Dublin	969	0016	098		
Shannon	962	9717	048		
Roches Point	952	0017	083		
Valentia	953	9716	036		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

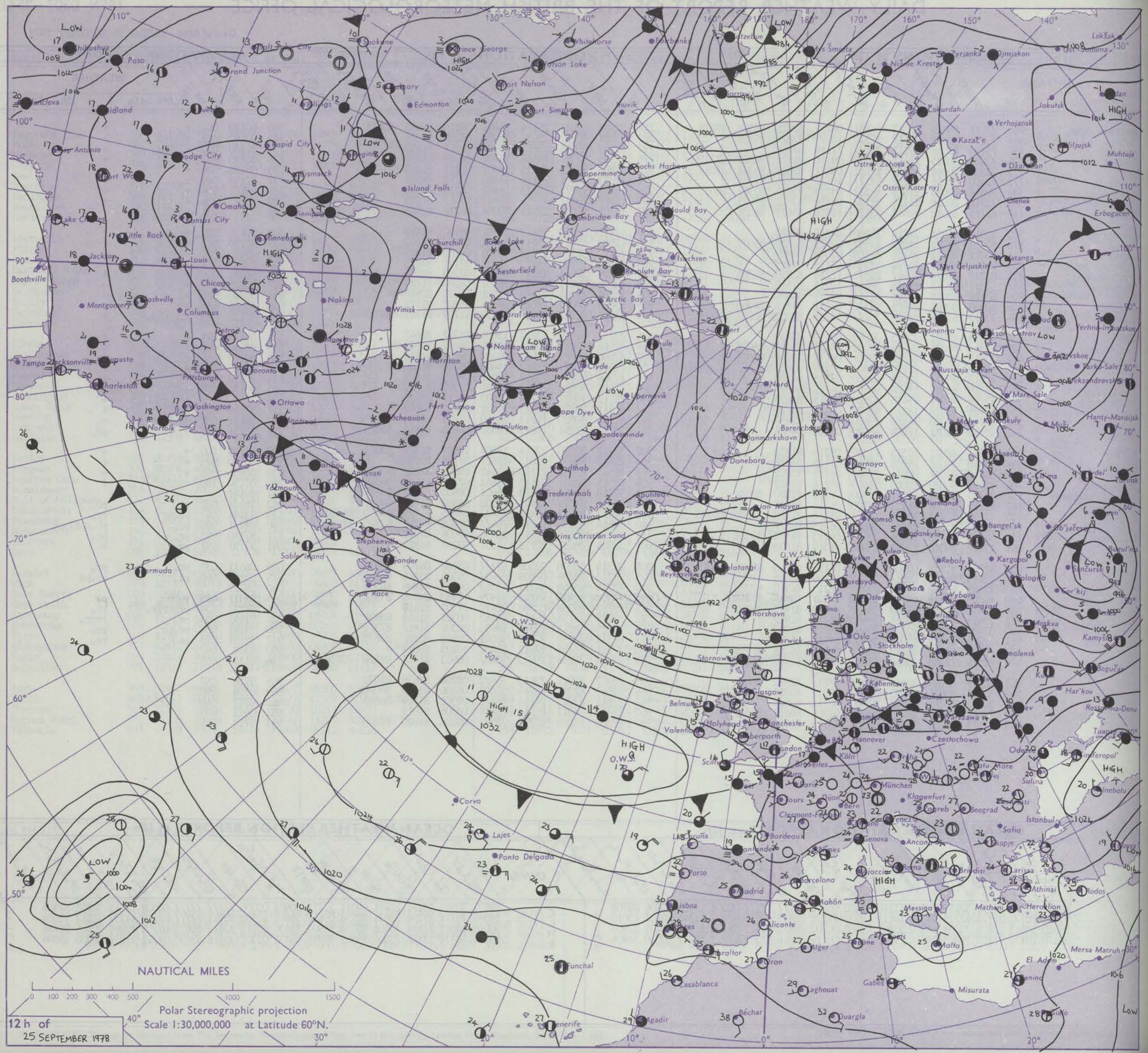
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	25121	32413	98011	21210	22530	00216	/////	/////	00008	11008	30706	28309
	99566	70170	25124	62729	97018	10111	4843/	21121	82815	83630	0//07	11246	30707	23010
	99660	10011	25124	70304	98028	93607	79400	00307	84815	81915	0//06	10987	30201	22905
	99470	70170	25124	70405	98016	29017	12472	00114	81816	87363	0//11	11872	30000	31006

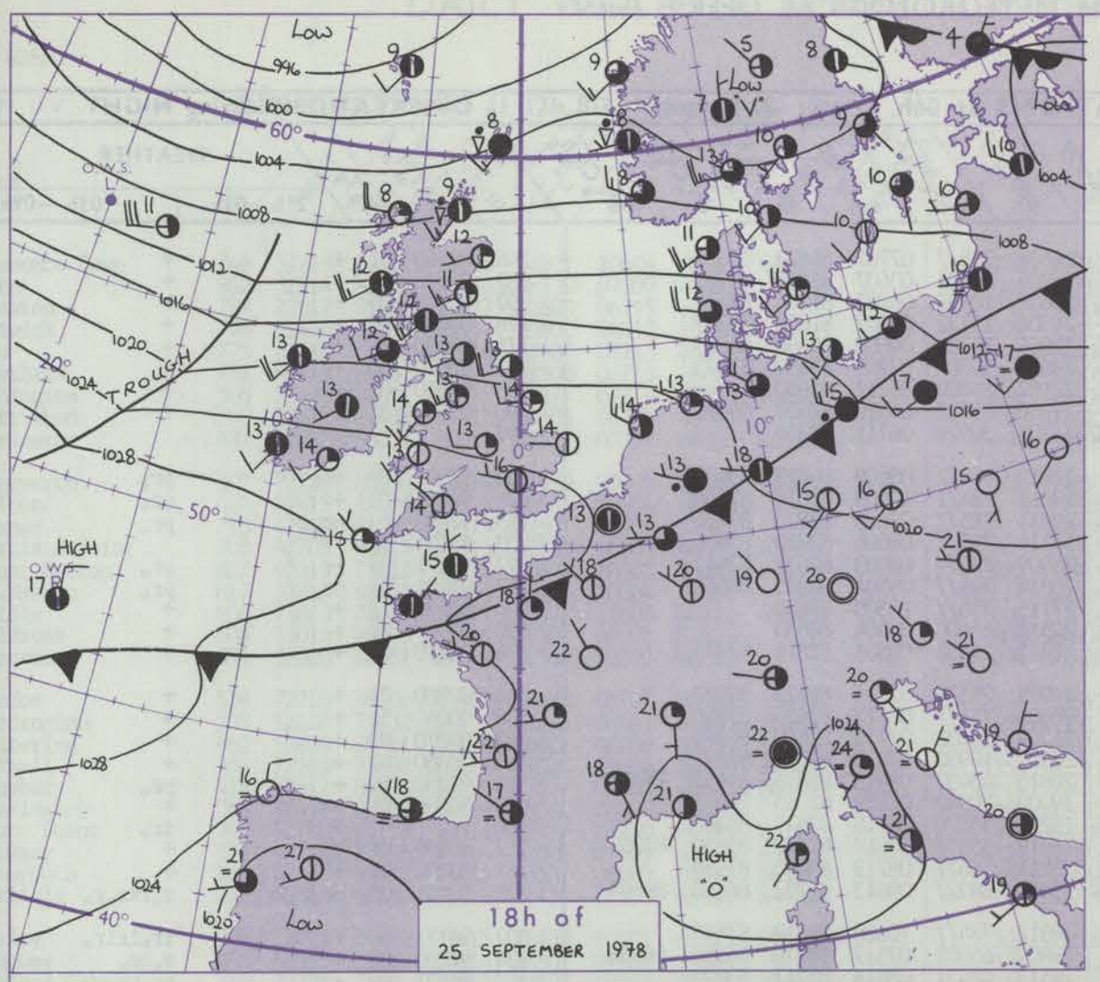
OCEAN WEATHER STATION REPORTS at 18h.

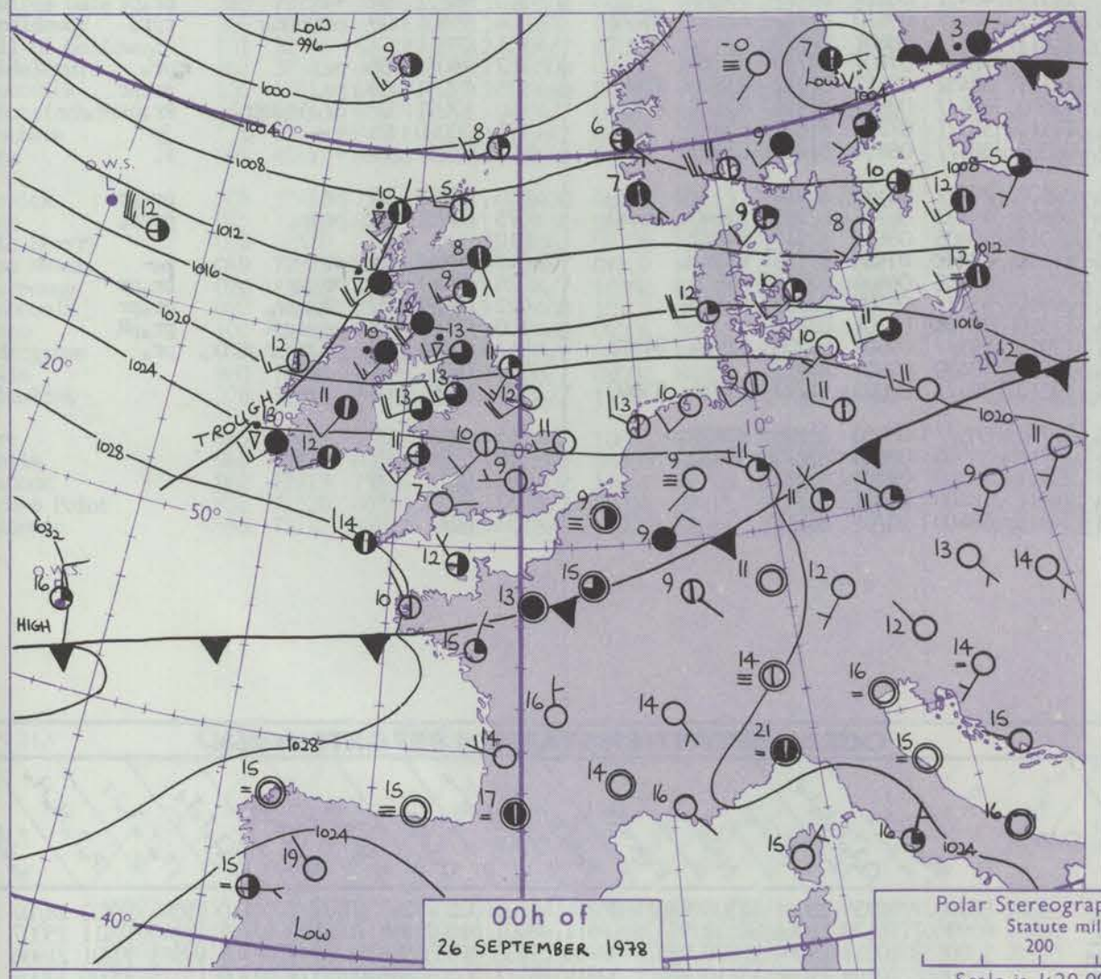
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGi$_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	25181	22411	98011	22711	00901	00008	/////	/////	00008	11113	30705	28308
	99567	70171	25184	52631	98158	09811	59402	61500	85911	/////	0//09	11253	31012	23008
	99660	10011	25184	70406	98028	95907	78430	00313	83815	86635	0//05	10988	30201	99/04
	99470	70170	25184	73608	98022	29916	48432	00307	83816	83630	0//11	11878	30000	31006

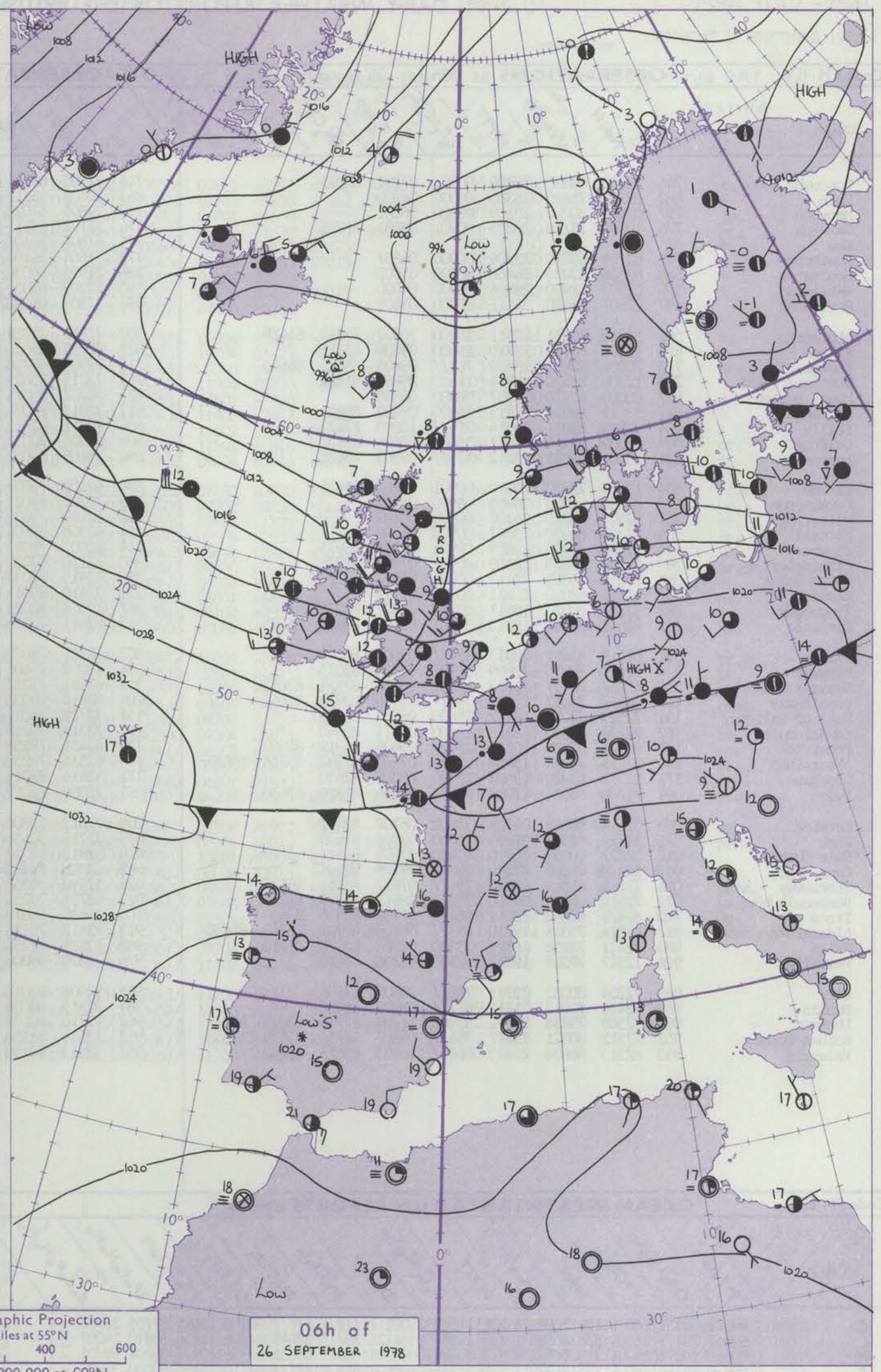
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 26 SEPTEMBER 1978

During the past 24 hours a depression moved steadily eastwards across Iceland whilst pressure remained high to the south and southwest of the British Isles. A cold front over southeast England and the western English Channel moved slowly southwards and a trough moved eastwards across Northern Ireland and western Scotland overnight.

During the next 24 hours the trough over Britain will move away eastwards and the low east of Scotland will move towards southern Norway. With pressure remaining high to the south and southwest, an unstable west to northwest airstream will be maintained over the British Isles.

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

Code FM 11.V

OBSERVATIONS at 00h. 26 September 1978

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	23002	80030	26408	00901	07802	82075		
Hurn	862	03202	75020	26305	00900	04000			
Manston	797	02509	70020	25109	00900	06801			
Gatwick	776	10000	75110	26005	00901	05001	81075		
Kew									
Heathrow	772	02704	65020	25309	00900	06801			
Honington	586	02606	62020	24408	00900	05002			
Wattisham	590	02507	62020	24806	00900	04000			
Gorleston	497	02607	66020	24011	00900	05400			
Aberporth	502	52310	75031	24911	58400	10807	81818	85628	
Filton	628	12503	80030	25810	15600	09804	81645		
Rhoose	715	70202	80801	25609	785//	08805	85822	86640	
Hartland Point	703	12906	85020	25814	11600	09804	81830		
Mount Batten	827	00000	65020	27007	00900	06805			
St.Mawgan	817	53011	88031	26913	55600	08803	85641		
Scilly	804	72908	82031	28014	755//	10803	87622		
Culdrose	809	30000	62050	27611	35600	08804	83630		
Guernsey	894	53406	83031	27012	555//	09803	85628		
Elmdon	534	12308	75020	24610	00901	06805	81075		
Cardington	559	02306	68020	24905	00900	05802			
Wittering	462	02408	75020	24108	00900	06803			
Watnall	354	02305	60020	23807	00900	06805			
Shawbury	414	11802	70020	23609	00901	07805	81075		
Finningley	360	12009	64010	22109	00902	07807	81075		
Spurn Point	396	02618	70020	22112	00900	07807			
Leeming	257	01611	88020	20111	00900	07711			
Tynemouth	262	32308	80020	18411	00908	07807	83275		
Carlisle	222	62610	80801	18213	58501	09605	83820	84635	
Valley	302	62518	81011	22913	656//	09805	86648		
Ringway	334	21810	70030	22809	00901	07808	82075		
Squires Gate	318	62617	80031	21713	48532	09708	82824	83645	
Ronaldsway	204	72517	75802	20512	785//	09806	82820	87656	
Mull of Galloway	131	32523	82021	19412	35600	08507	83630		
Eskdalemuir	162	22224	82030	16510	25600	06811	82640		
Prestwick	135	82321	80028	16512	2843/	09808	81818	88360	
Abbotsinch	140	82615	30828	15909	893//	07504	82707	85914	88635
Leuchars	171	22515	82020	13609	25700	06001	82650		
Dyce	091	71706	86031	12008	785//	05104	81820	87630	
Lerwick	005	32617	60258	04708	33400	06207	83912		
Wick	075	12710	82018	08805	15600	03001	81635		
Sule Skerry	010	52822	80038	06710	43460	07205	84915		
Cape Wrath	049	32724	81018	07210	33400	08804	83915		
Stornoway	026	72009	64818	08610	794//	07807	85914	86634	
Benbecula	022	72519	66808	09810	793//	08811	82709	87915	
Tiree	100	82420	66808	13011	884//	07708	83816	88650	
Aldergrove	917	82314	70608	19210	853//	09808	82708	85710	88650
Malin	980	32421	78258	16011	33500	09708	83820	81920	
Belmullet	976	12517	77018	19012	12500	09706	81820		
Birr	965	72209	80032	22711	756//	09809	87636		
Dublin	969	62416	80012	21711	657//	08809	86650		
Shannon	962	72508	75258	23612	5346/	11707	82714	83825	81925
Roches Point	952	72512	80021	25612	754//	09807	81716	83639	87650
Valentia	953	82515	80808	25513	884//	10803	85818	88640	

OBSERVATIONS at 06h. 26 September 1978

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	72205	80031	24608	755//	07707	85623	86631	
Hurn	862	40402	65111	24803	15631	03607	81635	83360	
Manston	797	72605	67021	23608	10938	06707	81364	87272	
Gatwick	776	52102	57111	24504	15732	04607	81650	83365	
Kew	775	61801	56101	23806	55701	06608	85650	86075	
Heathrow	772	71604	56101	23608	55701	07709	85650	87075	
Honington	586	21905	66030	22107	15702	06712	81650		
Wattisham	590	52209	68031	22806	25702	04610	82650	84075	
Gorleston	497	32307	66020	21709	30970	06711	83358		
Aberporth	502	72616	75021	22812	68472	09609	84815	85650	
Filton	628	72705	65031	23811	784/1	10609	81818	87650	
Rhoose	715	72905	80258	23811	785//	09605	82825	87650	
Hartland Point	703	73215	85021	24114	785//	08606	83825	87635	
Mount Batten	827	70702	75021	25909	756//	08603	84635	87647	
St.Mawgan	817	72812	86028	25814	785//	09504	82825	86650	
Scilly	804	73011	82012	27115	755//	10503	87620		
Culdrose	809	62806	70031	26513	65600	09504	86635		
Guernsey	894	73109	83032	26312	22432	08501	82816	87075	
Elmdon	534	62208	75031	21909	25536	07714	81625	85072	
Cardington	559	72207	64021	22609	755//	08612	82625	87640	
Wittering	462	52210	75031	21209	25632	07716	82640	84075	
Watnall	354	62308	50101	20507	10932	07619	81363	86072	
Shawbury	414	62007	75021	20810	48432	09615	81818	84640	86075
Finningley	360	72110	67031	19009	20942	07618	82365	86075	
Spurn Point	396	62415	68031	19210	35570	08718	83625	86360	
Leeming	257	72410	80011	16912	5557/	07617	82622	85630	87358
Tynemouth	262	72503	80021	15211	5567/	08719	85630	87358	
Carlisle	222	82611	70218	15410	6832/	09813	81707	86650	88459
Valley	302	72521	78602	20312	784//	10608	81818	87648	
Ringway	334	72009	75601	19809	65501	07517	81620	84638	86656
Squires Gate	318	62621	75252	18513	48431	08616	81717	83822	
Ronaldsway	204	82618	80038	17811	48427	09610	81712	83650	88272
Mull of Galloway	131	72728	84021	16611	755//	08601	87625		
Eskdalemuir	162	72315	70218	14409	784//	07807	84710	85820	
Prestwick	135	62421	70258	14111	58432	09513	81712	83816	85645
Abbotsinch	140	62514	70258	12609	694//	08611	81916	83821	85640
Leuchars	171	52414	82011	11110	58571	07715	81820	85635	
Dyce	091	72009	86022	09009	3857/	06614	81820	87359	
Lerwick	005	72313	58808	04608	794//	06505	85910		
Wick	075	72213	80158	06609	49432	06716	82915	83640	86360
Sule Skerry	010	52912	81028	05010	43405	08613	82915	84820	
Cape Wrath	049	52721	80818	06309	43440	07504	84915	85360	
Stornoway	026	52510	80258	07207	49402	06604	82914	83656	
Benbecula	022	52725	70258	08910	534//	06500	83915	84635	
Tiree	100	32620	68018	11510	38400	06301	82818		
Aldergrove	917	72412	70258	17010	793//	09609	82708	82914	84818
Malin	980	42625	81258	14610	43400	07601	84918		
Belmullet	976	72620	69808	19010	794//	08002	81717	85920	85640
Birr	965	52408	80018	21710	585//	08503	81820	85635	
Dublin	969	32515	80036	19710	35500	08604	82623	83650	
Shannon	962	22710	80038	22911	28500	09301	81822		
Roches Point	952	12611	81258	24811	18400	09301	81815		
Valentia	953	52613	80258	24913	58400	10701	84818		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00060	51	+	+
Hurn	862	00020	50	+	+
Manston	797	00070	03	+	+
Gatwick	776	00030	51	+	+
Kew	775	00030	54	+	+
Heathrow	772	00070	00	+	+
Honington	586	00060	02	+	+
Wattisham	590	00050	51	+	+
Gorleston	497				
Aberporth	502	97081	07	+	pr$_o$
Filton	628	92081	00	+	pr$_o$
Rhoose	715	97090	03	pr$_o$	pr$_o$
Hartland Point	703	93131	10		
Mount Batten	827	97071	03	+	pr$_o$
St.Mawgan	817	92121	05	pr$_o$	pr$_o$
Scilly	804	00130	12	+	+
Culdrose	809	00100	02	+	+
Guernsey	894	00110	02	+	+
Elmdon	534	00080	04	+	+
Cardington	559	00040	51	+	+
Wittering	462	00070	03	+	+
Watnall	354	00060	01	+	+
Shawbury	414	97050	50	+	pr$_o$
Finningley	360	00080	04	+	+
Spurn Point	396			+	ir$_o$
Leeming	257	00090	04	+	+
Tynemouth	262	00100	07	+	+
Carlisle	222	03101	05	pr$_o$r$_o$Rr$_o$	r$_o$rRr$_o$r$_o$
Valley	302	96121	10	+	ir$_o$irir$_o$
Ringway	334	97080	07	+	r$_o$pr$_o$
Squires Gate	318	96121	09	+	pr$_o$pr
Ronaldsway	204	95101	09	pr$_o$r$_o$r$_o$r	rpr$_o$
Mull of Galloway	131	00111			
Eskdalemuir	162	96081	06	pr$_o$	r$_o$pr$_o$
Prestwick	135	02091	09	pr$_o$	pr$_o$pr
Abbotsinch	140	17091	07	pr$_o$prpRRr	Rr$_o$prpr$_o$
Leuchars	171	00080	06	+	jp
Dyce	091	97061	01	+	r$_o$
Lerwick	005	05072	05	pr$_o$	pr$_o$pr
Wick	075	01051	02	prpr$_o$	prpr$_o$
Sule Skerry	010				
Cape Wrath	049	04061	06	pr	pr
Stornoway	026	05061	03	pr$_o$pr	pr$_o$pr
Benbecula	022	05091	07	pRprpr$_o$	pr$_o$pr
Tiree	100	07091	07	prpr$_o$pR	pr$_o$pR
Aldergrove	917	01091	08	pr$_o$r$_o$-r$_o$r$_o$ir$_o$	pr$_o$
Malin	980	0610	07		
Belmullet	976	0709	08		
Birr	965	0409	08		
Dublin	969	9709	07		
Shannon	962	0211	08		
Roches Point	952	9710	09		
Valentia	953	0211	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	26001	12412	98021	25111	00902	00211	/////	/////	00208	11021	3//05	28/07
L	99567	70175	26004	52834	98031	13711	58400	61221	83817	83640	0//06	11258	30910	24007
M	99660	10011	26004	71305	98258	97307	69470	00004	83912	86635	0//06	10977	30201	99/04
R	99470	70169	26004	23512	97011	32016	15640	00107	81630	/////	0//10	11863	30000	31005

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	26061	62309	98021	26211	42530	00207	84825	/////	00110	11096	3//03	28/07
L	99567	70179	26064	82632	98038	14912	38401	61002	81817	83640	0//07	11240	31011	25007
M	99659	10011	26064	22008	98021	98708	29430	00303	81915	/////	0//07	10983	30201	21906
R	99468	70169	26064	73410	97021	32816	755//	00305	87640	/////	0//09	11875	30000	32005

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

42678

Date of Issue WEDNESDAY 27 SEPTEMBER 1978

OBSERVATIONS at 12h. 26 September 1978

Code FM 11.V

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	52713	83251	24215	58501	10604	82822	83640	
Hurn	862	52814	82151	24418	48530	07807	83822		
Manston	797	22512	82031	22217	28600	06715	82835		
Gatwick	776	32616	83031	23217	38600	06813	83830		
Kew	775	52510	81031	22616	52600	07713	85830		
Heathrow	772	62613	83031	22418	62500	08713	86828		
Honington	586	72520	82031	20515	785//	07714	85826	85650	
Wattisham	590	62817	81031	20715	68601	06716	85832		
Gorleston	497	62812	66031	20015	4157/	07717	84825	84358	
Aberporth	502	72720	80038	23814	11476	09000	81818	87275	
Filton	628	52815	82038	23816	58501	08804	84825		
Rhoose	715	42919	81028	24415	22501	08001	82826		
Hartland Point	703	42705	85011	25315	22531	10004	82825	83075	
Mount Batten	827	42819	75018	26418	38501	10803	83822		
St.Mawgan	817	32817	82018	26815	38401	10004	82816		
Scilly	804	73013	70811	28817	784//	11005	84712	83623	
Culdrose	809	53013	75018	27616	48501	09001	83825		
Guernsey	894	32820	86031	27417	32530	08102	83822		
Elmdon	534	72716	80801	20915	786/2	06707	84832	86650	
Cardington	559	72616	75032	21416	685/1	08611	81820	86825	
Wittering	462	52620	80021	20116	58601	08709	84830		
Watnall	354	72515	75808	20112	785//	09604	85820	84640	
Shawbury	414	72617	80028	20815	785//	09000	83820	86635	
Finningley	360	52418	80028	18215	48542	08609	83828		
Spurn Point	396	62718	65156	18011	4756/	11710	84725	86360	
Leeming	257	42717	80808	16314	48500	07605	83826	83640	
Tynemouth	262	62518	81022	14714	3353/	06605	83925	86358	
Carlisle	222	52813	80252	15812	59430	08500	81918	84823	
Valley	302	72422	80026	21415	28432	10001	81815	87072	
Ringway	334	62519	81038	19614	58501	07802	85826		
Squires Gate	318	72724	75808	19213	68532	09003	85825	84075	
Ronaldsway	204	52620	81251	18513	18538	09801	81820	85272	
Mull of Galloway	131	52718	82012	17512	584//	07002	81715	85630	
Eskdalemuir	162	32521	80258	14212	38500	07805	82823		
Prestwick	135	52817	68258	15313	48460	08104	81816	83645	
Abbotsinch	140	62713	68808	13811	694//	07003	81916	84822	85640
Leuchars	171	42719	84011	11413	28642	03803	82830		
Dyce	091	62812	89036	09213	28642	04802	82830	85070	
Lerwick	005	52413	75018	04411	39430	06805	82813	81915	85362
Wick	075	72415	82258	06411	68432	06710	81715	84820	85635
Sule Skerry	010	82520	62808	04210	5936/	08709	85908	88360	
Cape Wrath	049	72821	80818	05310	734//	09707	84915	87620	
Stornoway	026	72725	65808	07311	794//	10502	81710	82914	85820
Benbecula	022	42623	74258	10212	49400	10105	81914	83818	
Tiree	100	32422	78038	13113	29460	09304	82917		
Aldergrove	917	62714	82031	18214	584/2	08303	84818	83626	
Malin	980	72724	78258	16113	785//	08002	84820	85638	
Belmullet	976	72517	78258	20214	734//	11301	82717	83920	86640
Birr	965	72712	75038	22314	685/2	10801	85820	85070	
Dublin	969	72718	80808	20513	63562	08000	84923	85640	86070
Shannon	962	72713	75258	23915	43402	11001	81716	83820	81920
Roches Point	952	72520	80258	25516	784/2	09001	87815	83634	87072
Valentia	953	72720	80022	26815	785//	12005	81821	87645	

OBSERVATIONS at 18h. 26 September 1978

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	72713	83031	23313	38506	07601	81822	83630	87270
Hurn	862	72710	80038	23615	18622	07703	81830	85462	85070
Manston	797	72408	72028	21414	15702	08701	81650	87072	
Gatwick	776	72612	81028	22414	12602	07202	81830	84070	86075
Kew	775	72408	80022	21816	35608	07500	83635	87275	
Heathrow	772	72509	70021	21815	28638	07500	81835	87275	
Honington	586	72608	75038	19713	00906	06400	87270		
Wattisham	590	72612	80022	19914	15738	05400	81650	87275	
Gorleston	497	52709	66012	19014	50970	07400	85358		
Aberporth	502	72517	75012	22213	18572	09709	81822	85463	87070
Filton	628	72816	81021	23014	48531	10704	81825	84645	85075
Rhoose	715	72816	72251	23114	68438	09708	84818	83640	87275
Hartland Point	703	63515	74021	24114	52631	11804	85830	83360	
Mount Batten	827	32915	75038	25615	29532	10502	81920		
St.Mawgan	817	62816	80031	26214	48432	11400	82817	83640	
Scilly	804	53016	81018	27715	48432	11602	81818	84628	
Culdrose	809	62807	66038	26915	38431	11501	81818	83359	
Guernsey	894	72820	84021	26814	68432	09604	81816	86645	
Elmdon	534	72513	70038	20214	68632	07803	83830	85645	
Cardington	559	72513	80028	20714	38602	07701	82830	83645	87078
Wittering	462	72414	72028	19413	18632	07602	81835	87075	
Watnall	354	62511	80018	19013	38602	07605	82830	86070	
Shawbury	414	72415	70158	19412	684/2	09605	82818	83630	85650
Finningley	360	72415	57808	18011	785/2	09500	83828	86645	
Spurn Point	396	62620	65031	17514	35671	08501	83630	84360	86075
Leeming	257	52511	82018	16012	18602	06001	81830	85075	
Tynemouth	262	42614	80028	14612	23541	06102	82925		
Carlisle	222	62709	68018	15211	28508	08001	81820	84272	
Valley	302	72520	80028	19914	3847/	10709	81816	83645	87460
Ringway	334	72512	75028	18913	685/2	07503	81825	86645	87075
Squires Gate	318	72620	68038	17713	58571	10709	84822	84360	87075
Ronaldsway	204	72614	70252	17711	584/6	09605	83816	83645	87272
Mull of Galloway	131	62620	81038	16312	3251/	09707	83820	86460	
Eskdalemuir	162	42512	82258	15009	42500	07304	84824		
Prestwick	135	62721	70158	14112	684//	06609	81710	83818	85645
Abbotsinch	140	62508	70258	13211	634/2	08705	81816	81918	83822
Leuchars	171	22514	82018	11110	18662	06201	81630		
Dyce	091	72307	86032	09111	18572	04203	81825	83362	86072
Lerwick	005	60000	82038	02908	53403	07506	81912	83814	
Wick	075	72709	83808	06508	69463	07304	83812	81912	84635
Sule Skerry	010	72913	75808	04610	59303	10801	85906	87070	
Cape Wrath	049	73024	60818	04909	794//	08609	83915	87620	
Stornoway	026	52612	75808	07709	59402	09500	82914	83818	
Benbecula	022	73018	60258	09910	7946/	07506	84910	85816	
Tiree	100	32620	70038	12311	33400	07504	81918		
Aldergrove	917	72611	70808	17211	4857/	09608	82820	83632	87460
Malin	980	72616	70258	15409	735/3	09704	86920	83070	
Belmullet	976	72820	64258	19912	734//	11302	84716	84919	86637
Birr	965	82410	58608	21312	7642/	11706	87711	88458	
Dublin	969	72617	70608	19312	3852/	10505	81828	87459	
Shannon	962	82817	80808	23313	885//	11500	84820	83633	86650
Roches Point	952	72610	75258	24614	784//	10603	86818	85650	
Valentia	953	72717	65808	26214	725//	11703	87820		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97181	054	pr.	r.
Hurn	862	97190	069	pr.	+
Manston	797	97180	064	pr.	jp
Gatwick	776	97190	073	+	pr.
Kew	775	00190	060	+	+
Heathrow	772	00190	064	+	+
Honington	586	94161	046	pr.pr	+
Wattisham	590	00180	069	+	+
Gorleston	497		050		
Aberporth	502	97141	041	+	r.
Filton	628	00180	062	+	+
Rhoose	715	97160	068	pr.	pr.
Hartland Point	703	00150	081		
Mount Batten	827	97180	088	pr.	+
St.Mawgan	817	00171	086	+	+
Scilly	804	97170	048	pr	+
Culdrose	809	93181	055	pr.	pr.
Guernsey	894	00170	080	+	+
Elmdon	534	97171	058	pr.	pr.ir.
Cardington	559	97180	056	pr.	pr.
Wittering	462	97180	060	+	pr.
Watnall	354	93150	038	pr.	pr.
Shawbury	414	97160	055	pr.	pr.
Finningley	360	02151	056	pr.	pr.pr
Spurn Point	396			ir.	+
Leeming	257	94151	075	pr.	pr.
Tynemouth	262	92150	073	pr	+
Carlisle	222	02141	056	pr.pr	pr.
Valley	302	92151	043	+	pr.ir.
Ringway	334	02151	056	pr.	pr.
Squires Gate	318	93151	057	pr.	prpr.
Ronaldsway	204	03141	058	pr.pr	pRpr.
Mull of Galloway	131	91141			
Eskdalemuir	162	04131	050	pr.pr	pr.
Prestwick	135	01141	037	pr.	pr.
Abbotsinch	140	94141	040	pr.	pr.
Leuchars	171	97150	093	+	pr.
Dyce	091	97151	054	+	pr.
Lerwick	005	96122	048	pr.	pr.
Wick	075	02121	032	pr.pr	prpr.
Sule Skerry	010	04111			
Cape Wrath	049	05112	026	prphr	pr
Stornoway	026	08121	051	prpr.	prpr.
Benbecula	022	05131	053	prpr.	pr.prpR
Tiree	100	94131	080	pr.pR	pr.
Aldergrove	917	01141	037	prpr.	pr.r.r.
Malin	980	9614	030		
Belmullet	976	0614	004		
Birr	965	0315	013		
Dublin	969	9115	050		
Shannon	962	0116	018		
Roches Point	952	9416	053		
Valentia	953	0115	011		

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.V

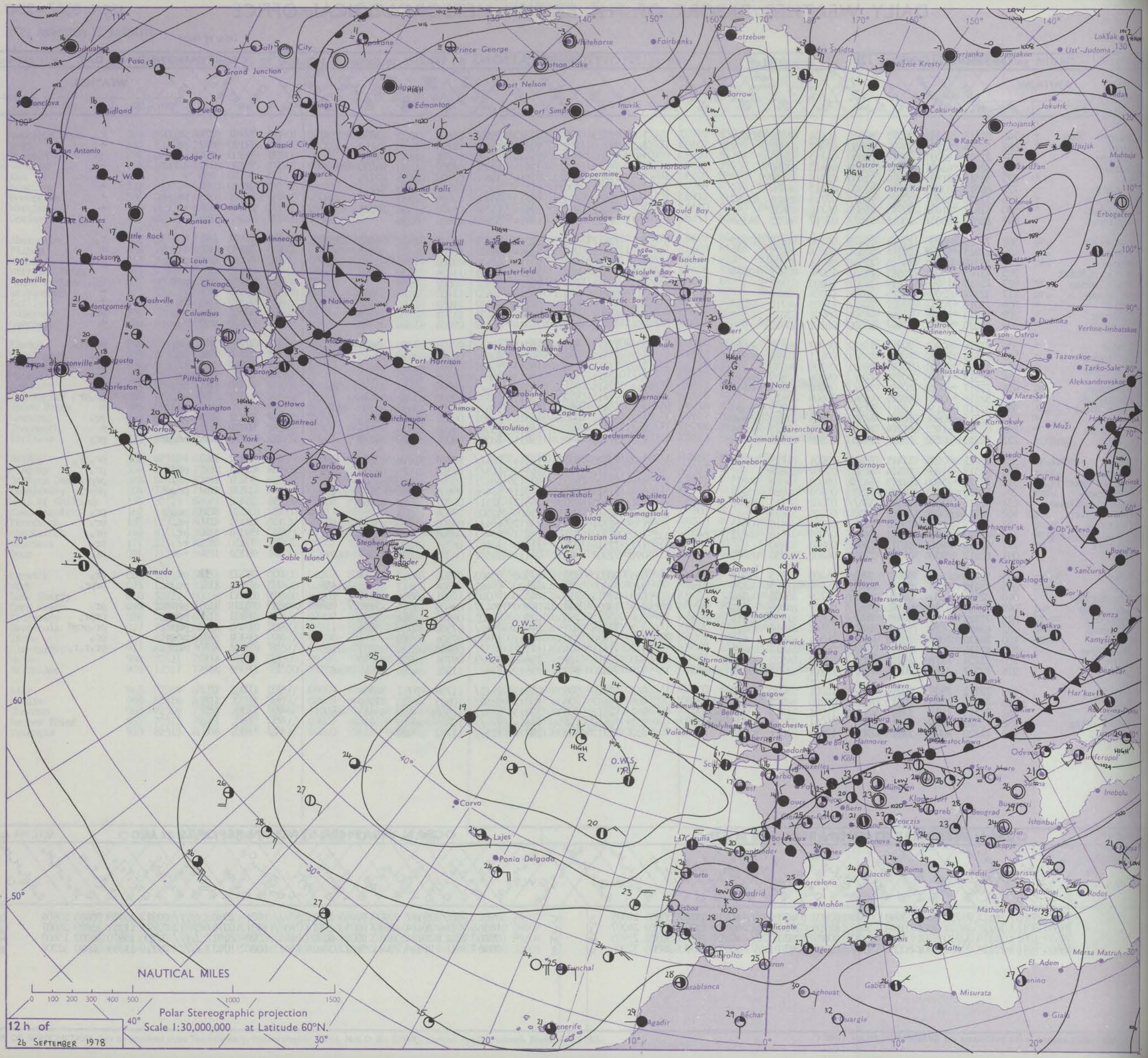
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26121	71709	98012	27011	35730	00602	83650	/////	00210	11097	30503	28005
	99568	70183	26124	72831	98216	16411	5847/	61204	82710	83815	0//10	11275	31009	24007
	99659	10013	26124	32110	99018	01309	22531	00007	82820	/////	0//06	10986	30302	21905
	99468	70169	26124	73607	98022	35917	755//	00109	87630	/////	0//10	11853	30000	32208

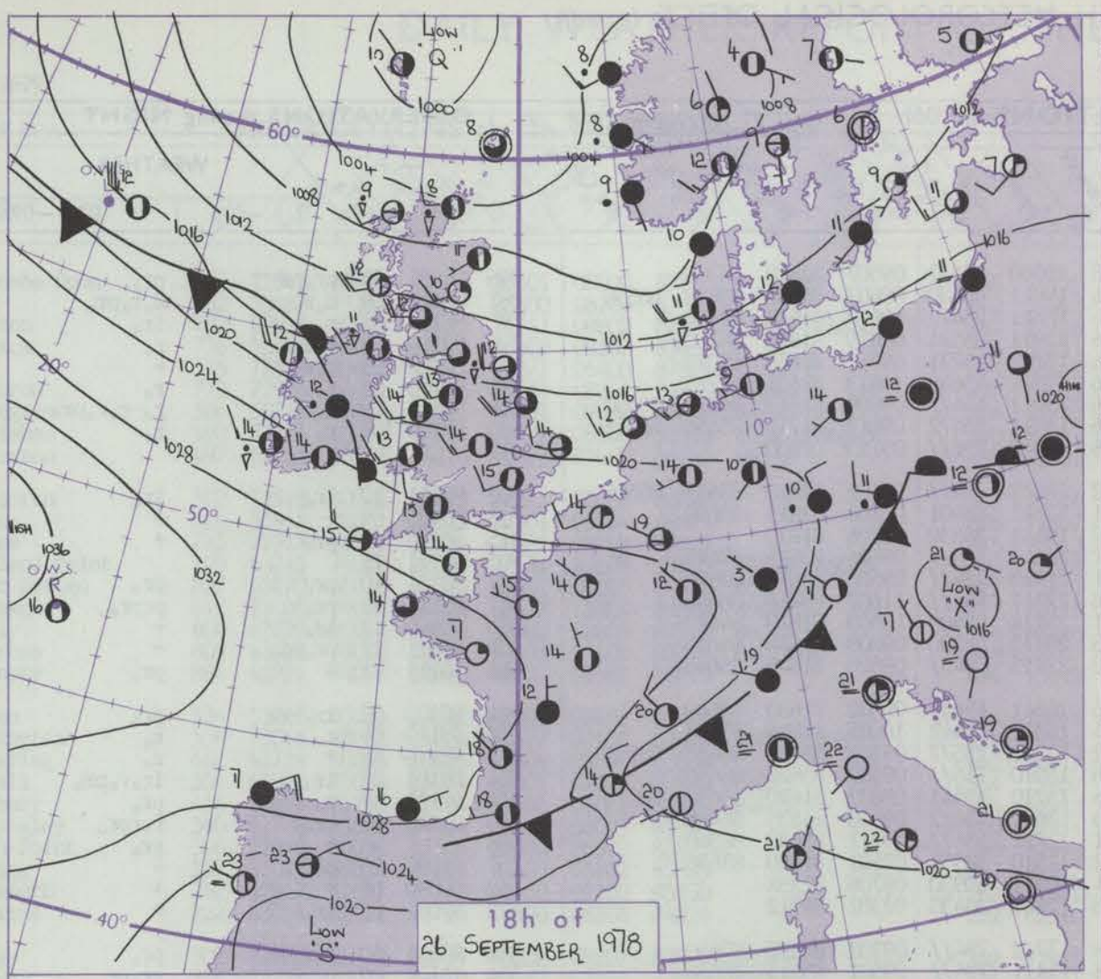
OCEAN WEATHER STATION REPORTS at 18h.

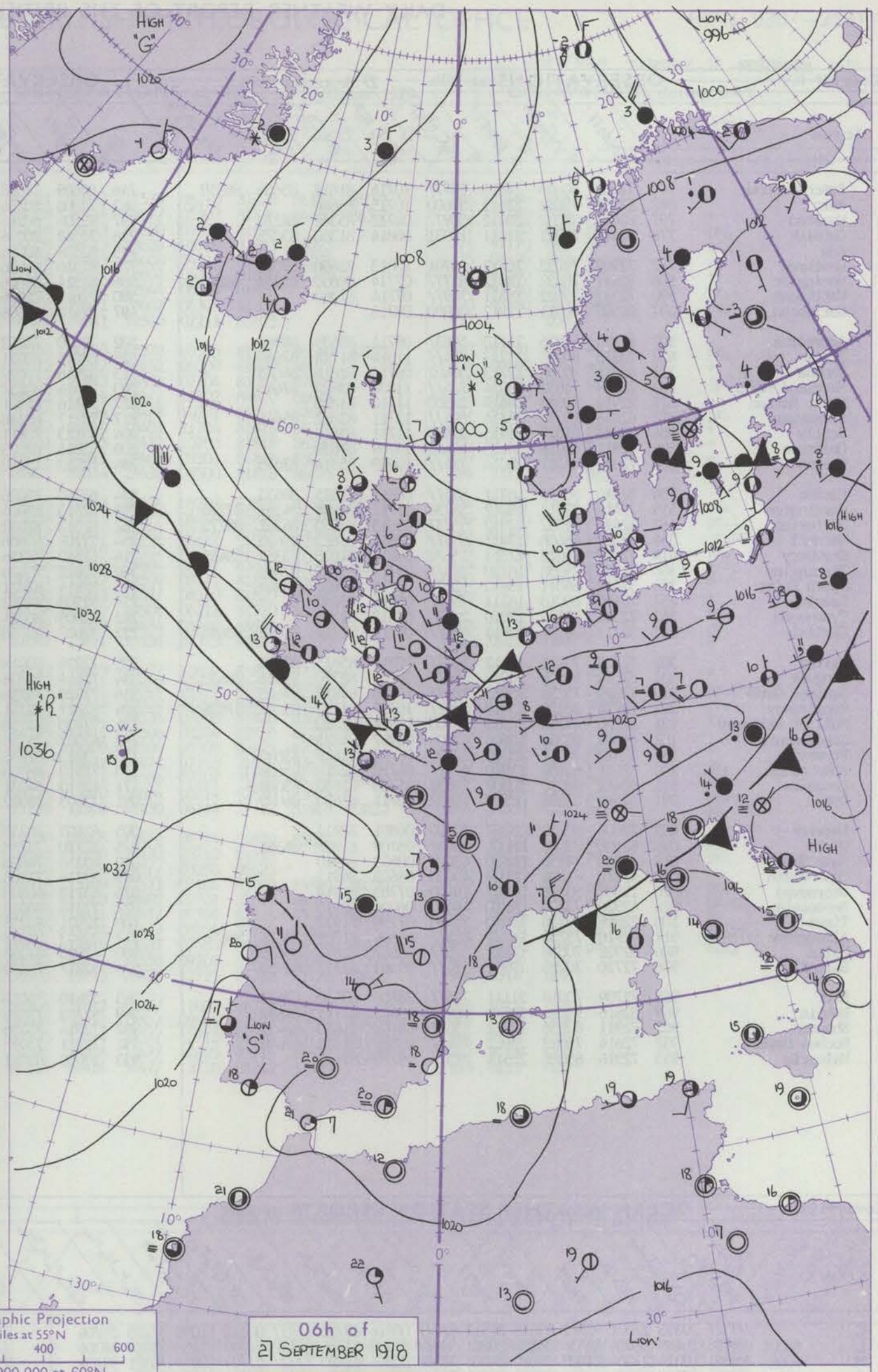
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26181	91909	93455	24011	9////	00718	89/01	/////	00312	11069	30403	28904
	99568	70186	26184	72837	98258	18012	783//	61312	82707	84812	0//11	11251	31009	24007
	99660	10013	26184	31410	99021	02809	29461	00204	81912	/////	0//06	10970	30302	15603
	99467	70168	26184	73411	98022	35816	756//	00302	87633	/////	0//10	11859	30000	32206

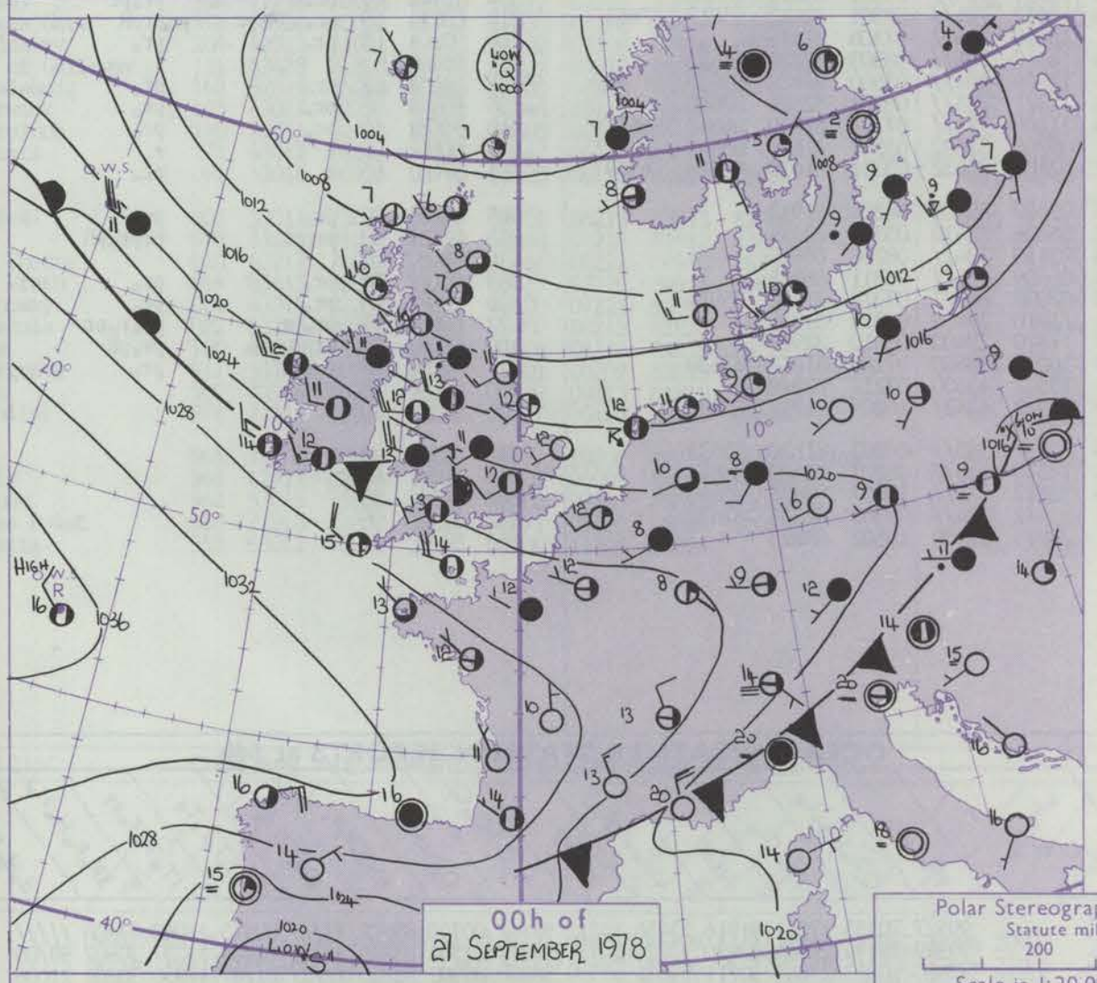
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 27 SEPTEMBER 1978

During the past 24 hours a depression west of the Faeroes moved slowly east, maintaining an unstable west to northwest airstream over the British Isles with minor troughs embedded in the flow.

During the next 24 hours, the low to the north is expected to continue moving eastwards into Scandinavia. A weak ridge will cross western areas ahead of frontal troughs approaching from the Atlantic.

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

Code FM 11.V — OBSERVATIONS at 00h. 27 September 1978

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	72409	80808	21811	5847/	10716	81818	85656	86359
Hurn	862	52510	75012	22413	55600	10715	85640		
Manston	797	82410	80032	20412	50977	08712	85362	88270	
Gatwick	776	32414	75011	21311	10931	08814	81360	83075	
Kew									
Heathrow	772	72409	70032	20612	25701	10813	82650	87075	
Honington	586	82411	70032	18412	65777	07714	86650	85363	88270
Wattisham	590	72513	75022	18811	7097/	07714	87360		
Gorleston	497	02505	66011	17812	00900	08713			
Aberporth	502	82825	65026	21113	5563/	09711	85635	88360	
Filton	628	72815	80022	21213	754//	11814	81714	87650	
Rhoose	715	42816	80258	21713	38402	09714	82816	84075	
Hartland Point	703	72728	74032	23014	785//	11808	83825	87640	
Mount Batten	827	22916	75028	24614	28500	11710	81825		
St.Mawgan	817	62816	65012	25114	684//	12711	83812	85645	
Scilly	804	33021	81025	26915	35400	11711	83618		
Culdrose	809	12911	64018	26113	15600	10709	81630		
Guernsey	894	72818	83021	26014	734//	10809	85814	83645	
Elmdon	534	82310	80026	18711	855//	08815	81625	88633	
Cardington	559	72414	75012	19012	35738	09717	83656	84359	87270
Wittering	462	82416	81032	17912	55737	09615	85650	86362	88275
Watnall	354	82507	66606	17411	855//	09815	83625	88635	
Shawbury	414	72508	76022	17311	15678	09815	81630	83359	85462
Finningley	360	72208	75038	16110	785//	09713	83825	87640	
Spurn Point	396	32412	66011	15812	15671	09716	81630	83360	
Leeming	257	72410	80018	14211	757//	08815	87650		
Tynemouth	262	22511	80020	12910	20930	07813	82358		
Carlisle	222	82711	70601	13811	854//	09711	81714	84623	88640
Valley	302	72725	70216	18412	5547/	10712	85615	87460	
Ringway	334	82014	56618	16910	854//	09721	82710	85616	88650
Squires Gate	318	72819	75258	15813	784//	10816	84817	87645	
Ronaldsway	204	72714	80252	15912	784//	10716	81712	85817	87636
Mull of Galloway	131	22820	84258	14711	22500	10816	82820		
Eskdalemuir	162	41604	80038	13806	42500	06707	84825		
Prestwick	135	42512	70011	13310	38430	08709	81818	83640	
Abbotsinch	140	62611	60158	11910	684//	06710	82818	85636	
Leuchars	171	42412	80030	10307	25602	05708	82630	83080	
Dyce	091	62511	82028	08108	15602	03711	81630	86070	
Lerwick	005	22606	80028	03307	22400	06801	82814		
Wick	075	62508	82028	06006	2843/	05709	81818	86360	
Sule Skerry	010	42913	74258	04610	43400	08603	84910		
Cape Wrath	049	43218	81808	05609	49400	08603	84915		
Stornoway	026	12507	80018	07607	19400	07705	81914		
Benbecula	022	42920	75258	09810	49400	06004	82915		
Tiree	100	22816	75258	11910	23400	07706	81918		
Aldergrove	917	82710	75256	16211	853//	09606	81709	83626	86638
Malin	980	82922	70038	14812	885//	08607	82820	88650	
Belmullet	976	72720	70258	19912	734//	09503	82717	86920	
Birr	965	72709	70018	21111	785//	09706	83820	87632	
Dublin	969	52616	75026	18711	564//	09605	83711	84620	
Shannon	962	72911	80038	22612	1567/	09708	81630	87459	
Roches Point	952	72614	75022	23912	784//	08808	81818	87640	
Valentia	953	72916	65028	25514	725//	09710	87820		

OBSERVATIONS at 06h. 27 September 1978

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	62609	74028	19310	38432	09507	82818	84360	
Hurn	862	72808	70256	19811	48680	09607	81830	83638	86358
Manston	797	72508	68216	16811	25472	10613	81615	87464	
Gatwick	776	72512	70036	17911	35531	09615	81620	84360	
Kew	775	62508	68016	17212	15731	09711	81650	85075	
Heathrow	772	72510	64036	17211	15636	10613	81635	87275	
Honington	586	82514	66606	15011	4542/	09609	81712	84636	88460
Wattisham	590	72615	75606	15511	55472	09612	81712	85656	86072
Gorleston	497	72410	66606	14512	756//	09713	87630		
Aberporth	502	72820	75212	19512	784//	09602	82818	83635	86656
Filton	628	62815	80031	18812	68401	08806	82815	85650	
Rhoose	715	32916	75028	19511	28530	08706	81820		
Hartland Point	703	73414	80252	20613	785//	09606	83825	87640	
Mount Batten	827	73116	65801	21913	784//	09508	83818	87656	
St.Mawgan	817	73117	62258	22511	784//	11607	83814	86640	
Scilly	804	43123	70011	25114	48400	10503	81818	84623	
Culdrose	809	53015	62025	23113	58500	09809	81820	84635	
Guernsey	894	72923	75258	22713	5843/	09510	81815	85645	
Elmdon	534	62710	75026	16511	45631	08502	81630	83640	
Cardington	559	62513	63016	16311	58442	10607	81814	85656	
Wittering	462	82512	82032	15111	25577	09705	82620	86468	88275
Watnall	354	72708	60606	15010	755//	09502	85620	86650	
Shawbury	414	62610	78256	16210	45541	08602	81620	84650	86075
Finningley	360	82612	70626	13611	45622	09500	84635	86460	
Spurn Point	396	82614	62021	12711	5567/	09711	85630	88360	
Leeming	257	52508	84012	12510	38531	07101	81820	83650	
Tynemouth	262	22609	80021	10911	20930	08706	82358		
Carlisle	222	32607	80036	12609	38430	07302	81712		
Valley	302	72924	80018	17712	784//	09302	84815	87650	
Ringway	334	72614	59806	15111	784//	09501	85815	86650	
Squires Gate	318	72820	75258	14612	784//	09301	82813	85817	87642
Ronaldsway	204	22817	82251	15510	28402	07306	81816		
Mull of Galloway	131	72920	84258	14510	785//	08303	82820	87625	
Eskdalemuir	162	62002	75258	12506	684//	05500	84818	83630	
Prestwick	135	73013	81258	12311	785//	06501	82824	87640	
Abbotsinch	140	72510	68808	11109	784//	07301	81710	84818	86632
Leuchars	171	62610	84031	09206	35632	05201	81630	83645	
Dyce	091	72603	86022	07407	35632	03301	81630	83650	86360
Lerwick	005	42603	80258	03307	49403	06304	81913		
Wick	075	32710	75258	05806	28430	05304	82816		
Sule Skerry	010	63216	74808	05110	634//	08208	86910		
Cape Wrath	049	63218	75808	06509	634//	08311	86915		
Stornoway	026	63112	60808	08908	694//	07318	81710	85914	
Benbecula	022	23218	80018	11010	29400	08321	81916		
Tiree	100	22921	65258	11810	29400	08310	82917		
Aldergrove	917	32913	82018	16010	38400	07103	81818	83630	
Malin	980	42925	81258	15511	43500	07211	83920		
Belmullet	976	52817	70258	20412	4343/	10209	81717	83920	
Birr	965	52810	75018	20710	585//	08203	81820	85633	
Dublin	969	52715	75018	18510	555//	08207	82620	83645	
Shannon	962	72914	75256	22612	785//	10207	83825	85645	
Roches Point	952	72711	75018	23412	784//	09306	82814	87638	
Valentia	953	23018	65011	24813	22500	10502	82823		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01091	06	pr_opr	pr_o
Hurn	862	92110	09	d_or_o	$d_or_opr_o$
Manston	797	96111	09	r_o	ir_o
Gatwick	776	97100	08	r_or_o	r_o
Kew	775	92120	09	r_or	+
Heathrow	772	93110	09	r_o	r_o
Honington	586	94111	09	r_or_o	$r_o-r_or_opr_o$
Wattisham	590	97100	08	r_o	r_o
Gorleston	497				
Aberporth	502	97111	10	ir_o	ir_o
Filton	628	00120	09	+	+
Rhoose	715	93110	09	pr_o	+
Hartland Point	703	94111	11		
Mount Batten	827	93121	10	pr_o	pr_o
St.Mawgan	817	01111	10	pr_o	$prpr_o$
Scilly	804	95140	12	id_o	+
Culdrose	809	93111	11	pr_oid_o	+
Guernsey	894	94111	11	+	pr_o
Elmdon	534	97100	08	ir_o-r_o	pr_o
Cardington	559	97110	09	r_o	r_o
Wittering	462	97110	09	+	r_o
Watnall	354	02101	07	ir_or_o	$ir_or_opr_o$
Shawbury	414	97100	07	r_o	pr_o
Finningley	360	01101	07	pr_o	r_orpr_o
Spurn Point	396			+	pr_o
Leeming	257	91090	05	pr_o	+
Tynemouth	262	00090	06	+	+
Carlisle	222	97081	05	ir_o	+
Valley	302	93111	10	$r_or_oir_o$	pr_o
Ringway	334	15101	09	prrR	pr_opr
Squires Gate	318	03111	09	pr_opR pr	pr_oprpR
Ronaldsway	204	92101	08	pr_o	pr_o
Mull of Galloway	131	95101			
Eskdalemuir	162	01051	02	pr_o	pr_o
Prestwick	135	95101	07	pr_o	pr_o
Abbotsinch	140	93081	06	pr_o	pr_o
Leuchars	171	00060	03	+	+
Dyce	091	97061	03	+	pr_o
Lerwick	005	96061	02	pr_o	pr_o
Wick	075	05052	03	$prpr_o$	$prpr_opR$
Sule Skerry	010	02082	07		
Cape Wrath	049	03072	06	pr_o	pr_o
Stornoway	026	03071	04	pr_o	pr_o
Benbecula	022	02081	07	pr_opr	ph_or_opr
Tiree	100	02091	08	prpR	pr_opR
Aldergrove	917	92091	07	r_opr_o	pr_o
Malin	980	0209	08		
Belmullet	976	0210	10		
Birr	965	9210	08		
Dublin	969	9210	08		
Shannon	962	0111	09		
Roches Point	952	9712	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	27001	92012	93456	21512	9////	00816	89/02	/////	00212	11090	3//05	28/04
L	99568	70189	27004	82836	98258	20811	883//	61209	82706	88630	0//09	11258	31008	24006
M	99661	10014	27004	21009	98020	04608	28500	00206	81820	/////	0//07	10959	30301	99/04
R	99467	70168	27004	73310	98022	36816	756//	00103	87633	/////	0//11	11867	30000	32205

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27061	91916	93456	14212	9////	00740	89/02	/////	00513	11048	3//08	/////
L	99569	70194	27064	82920	97026	20711	862//	61501	83705	88712	0//09	11237	30907	99/05
M	99660	10013	27064	50711	99031	05309	58400	00302	82815	/////	0//07	10950	30301	21006
R	99466	70162	27064	73410	98032	34815	756//	22610	87633	/////	0//11	11826	30000	32205

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

42679

Date of Issue THURSDAY 28 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 27 September 1978

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	22915	80021	19016	28501	08000	82825		
Hurn	862	33017	75151	19917	38500	08101	82827		
Manston	797	72914	80032	16615	74541	08802	82824	83640	86656
Gatwick	776	53115	82021	18015	48602	06502	83830		
Kew	775	72913	83031	17615	725/1	06400	87825		
Heathrow	772	72916	84031	17716	64541	07201	84828	83640	
Honington	586	52711	78256	15611	48431	09002	81818	84645	
Wattisham	590	73316	65258	16111	784//	08306	81816	83822	86645
Gorleston	497	62714	66158	14214	4957/	07400	84925	86358	
Aberporth	502	72918	80022	21213	785/2	08007	86820		
Filton	628	52918	80031	20015	58501	09004	84825		
Rhoose	715	22917	81251	20714	28531	08002	82822		
Hartland Point	703	63215	74012	22514	22531	10109	82825	83360	85075
Mount Batten	827	63220	81038	23016	42501	09105	84822	85075	
St.Mawgan	817	73020	70028	24514	6847/	11009	83814	85640	
Scilly	804	63220	70011	26216	12402	10205	81818	86075	
Culdrose	809	63222	70018	24615	48431	10108	83818	84625	
Guernsey	894	42921	78028	22915	48402	09302	83815		
Elmdon	534	53017	80038	17312	48501	07002	83824		
Cardington	559	73016	82032	16814	785//	07102	83820	85825	85635
Wittering	462	42721	80018	15416	48601	05000	83830		
Watnall	354	62912	70038	15914	68501	07209	82820	83825	
Shawbury	414	53016	75258	17414	58501	06002	84825	84645	
Finningley	360	62718	83028	14414	686/2	06003	85830		
Spurn Point	396	52919	80038	13414	52500	06802	85825		
Leeming	257	33023	89011	13114	31600	05102	83835		
Tynemouth	262	52917	81021	11713	52630	07400	85830		
Carlisle	222	43014	83011	13714	48500	08304	84824		
Valley	302	72920	81038	19714	48502	08207	83820	86075	
Ringway	334	72718	70028	16613	785//	07202	83825	87645	
Squires Gate	318	72920	80028	16713	68531	07208	84820	84640	
Ronaldsway	204	42921	81021	17413	28502	07108	82826	83075	
Mull of Galloway	131	63428	81808	16713	625//	09212	86820		
Eskdalemuir	162	52819	85018	13313	52500	07305	85825		
Prestwick	135	43017	82258	14812	38544	09113	82824		
Abbotsinch	140	52911	82038	13812	58500	07217	84828		
Leuchars	171	63012	86251	11513	6864/	04213	85830		
Dyce	091	53018	80158	09713	53400	06110	81917	85824	
Lerwick	005	53011	75028	06009	59401	06213	83813	82916	
Wick	075	53216	81258	09410	43460	07218	81912	83815	
Sule Skerry	010	63217	76258	09810	4346/	08222	84910	86358	
Cape Wrath	049	63415	80808	11209	634//	07226	84915	86620	
Stornoway	026	43315	82258	13611	43400	07221	84918		
Benbecula	022	63213	80258	15311	22402	08218	82818	86070	
Tiree	100	63022	81148	15812	12406	08116	81818	86272	
Aldergrove	917	53118	80258	18213	42401	08207	82818	83822	85070
Malin	980	72924	80258	18213	38402	09213	81819	86075	
Belmullet	976	72714	75038	22213	734//	10103	83919	87644	
Birr	965	73108	70808	23012	784//	10206	82716	84820	87635
Dublin	969	62917	82036	19914	42502	06003	84827	84070	
Shannon	962	53015	75038	24415	32502	09105	83822	83070	
Roches Point	952	72918	75808	25014	684/1	09105	86819	87075	
Valentia	953	63012	70031	26615	62500	11105	86824		

OBSERVATIONS at 18h. 27 September 1978

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	73110	84021	19912	11539	06210	81828	86172	85075
Hurn	862	72915	81028	20214	4867/	05307	81830	84650	86360
Manston	797	13116	82018	16613	15600	05301	81635		
Gatwick	776	63111	80028	18413	18636	05310	81835	85275	
Kew	775	63012	81028	18213	15608	04311	81635	86275	
Heathrow	772	53012	80018	18314	18608	05312	81830	85275	
Honington	586	22812	81018	16011	12644	06309	81830		
Wattisham	590	33013	68258	16111	28602	06309	81830		
Gorleston	497	52907	66818	14611	59500	07211	85925		
Aberporth	502	73016	80252	20813	68578	09505	81820	86640	87272
Filton	628	72807	82012	21012	24632	06309	81830	86075	
Rhoose	715	73013	81151	20913	28532	07204	81822	87075	
Hartland Point	703	73318	69022	22014	785//	10802	84820	86635	
Mount Batten	827	72911	70258	23114	784/8	10201	81710	87640	
St.Mawgan	817	63116	75032	23514	18401	11704	81816	86075	
Scilly	804	63118	75031	25115	12472	10703	81818	86360	
Culdrose	809	42707	64011	24313	28402	09501	81818	83070	
Guernsey	894	73119	81021	22614	28432	08500	81818	86075	
Elmdon	534	73014	70258	18213	38536	05207	81828	83640	86275
Cardington	559	72914	75038	17513	685/2	06209	82825	85640	87075
Wittering	462	42717	65018	16511	28502	07209	81825	83075	
Watnall	354	72707	70038	16910	38532	07207	81825	87075	
Shawbury	414	62912	75028	18512	48604	06207	83830	83645	85070
Finningley	360	52814	70031	15312	12504	08211	81825	85075	
Spurn Point	396	62918	62038	14213	5857/	08310	81820	85640	
Leeming	257	62912	86038	14912	29506	06212	81920	86270	
Tynemouth	262	52811	69028	13413	33634	05208	83930		
Carlisle	222	62910	81021	15611	25538	07313	81628	86275	
Valley	302	72915	78152	19613	2847/	10602	81816	87358	
Ringway	334	62811	68258	17911	38502	08208	82822	85070	
Squires Gate	318	73119	80028	17513	38532	07203	82822	87070	
Ronaldsway	204	72908	82038	18012	38536	07000	81828	83650	87273
Mull of Galloway	131	73318	84158	17911	32508	08204	83820	87270	
Eskdalemuir	162	72815	84028	15209	32504	05308	83825	87073	
Prestwick	135	73012	80028	16011	48478	07105	81816	83630	85360
Abbotsinch	140	72610	81028	15211	24556	07207	81820	84362	87270
Leuchars	171	63008	86258	13810	38664	05214	82830	85075	
Dyce	091	42908	75258	12909	49430	06314	81712	81918	83822
Lerwick	005	73015	60808	08608	794/2	06314	84910	83630	
Wick	075	33213	84018	12208	24432	05213	81818		
Sule Skerry	010	63414	80028	12209	645//	03206	86625		
Cape Wrath	049	63305	81018	13109	32571	07104	83820	85360	86070
Stornoway	026	62805	81258	13809	38402	07701	82817	84075	
Benbecula	022	72809	82022	14411	5847/	07708	81818	85645	87360
Tiree	100	72710	83038	15711	3847/	08706	81818	87462	
Aldergrove	917	82910	81031	18512	25537	07504	82620	84359	88270
Malin	980	72713	82028	17412	18558	09709	81820	83359	87275
Belmullet	976	82313	58588	19113	7642/	12725	84710	85720	88458
Birr	965	82606	56208	21412	6647/	11607	86710	88458	
Dublin	969	82711	75038	20012	7857/	09505	81822	83640	85460
Shannon	962	72812	65205	22014	753//	12712	81706	83712	87640
Roches Point	952	72607	70028	23614	7547/	10605	83716	87637	87359
Valentia	953	72608	60215	24414	3647/	13710	83712	87360	

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	00160	068	+	+
Hurn	862	97180	075	pr.	+
Manston	797	97160	050	pr.	pr.
Gatwick	776	97170	068	+	pr.
Kew	775	01170	060	pr.pr	+
Heathrow	772	97160	052	pr.	+
Honington	586	93160	035	pr.	pr.l
Wattisham	590	92160	060	pr.	pr.
Gorleston	497		059		
Aberporth	502	97151	043	+	pr.
Filton	628	00160	062	+	+
Rhoose	715	97160	052	pr.	jp
Hartland Point	703	00140	037		
Mount Batten	827	97171	065	pr.	pr.
St.Mawgan	817	97160	055	pr.	+
Scilly	804	00170	073	+	+
Culdrose	809	97160	078	pr.	+
Guernsey	894	93170	070	pr.	+
Elmdon	534	01151	048	pr.pr	pr.
Cardington	559	97170	060	pr.	pr.l
Wittering	462	91161	054	pr.	pr.pr
Watnall	354	96141	033	pr.	pr.
Shawbury	414	94150	058	pr.	+
Finningley	360	00151	059	+	+
Spurn Point	396			pr.	+
Leeming	257	97160	090	+	pr.
Tynemouth	262	01151	075	+	pr
Carlisle	222	00151	084	+	+
Valley	302	97150	058	pr.	+
Ringway	334	03131	045	pr.	pr.pRpr.
Squires Gate	318	01141	041	pRpr.	pr.
Ronaldsway	204	94141	054	pr.	+
Mull of Galloway	131	01131			
Eskdalemuir	162	97131	046	pr.	+
Prestwick	135	94141	061	pr.	pr.
Abbotsinch	140	97141	052	pr.	+
Leuchars	171	95151	068	pr	pr.
Dyce	091	95131	075	pr.	pr.
Lerwick	005	96112	051	pr.	pr.
Wick	075	96111	053	pr.	pr.
Sule Skerry	010	94111			
Cape Wrath	049	94111	024	pr.	pr.
Stornoway	026	93121	064	pr.	pr.r.
Benbecula	022	95131	060	prpr.	+
Tiree	100	93131	054	pr.pr	pr.rr.
Aldergrove	917	92141	044	pr.	r.r.
Malin	980	0113	024		
Belmullet	976	0314	007		
Birr	965	9715	013		
Dublin	969	0315	042		
Shannon	962	9116	029		
Roches Point	952	9715	018		
Valentia	953	0115	020		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

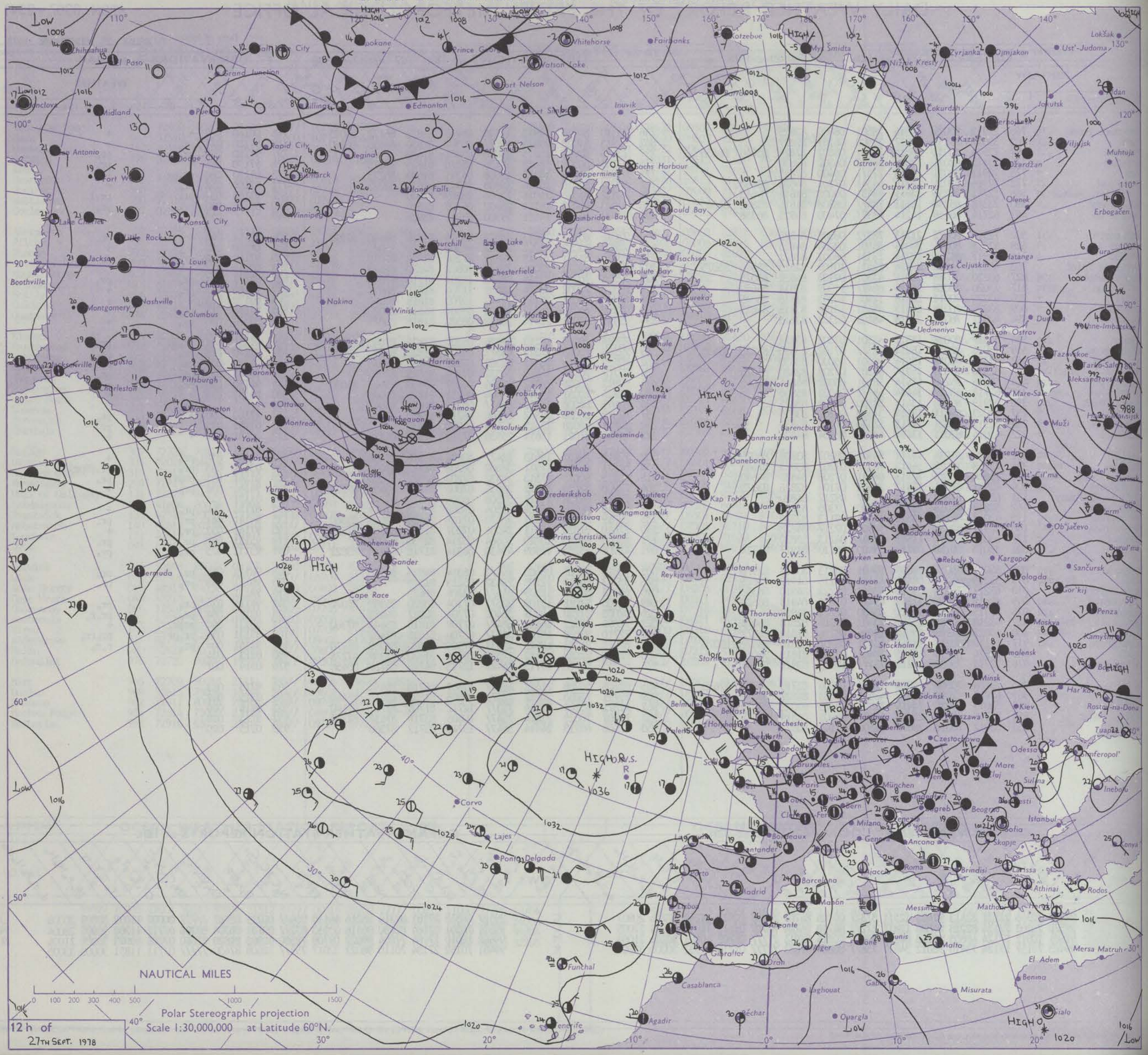
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27121	82413	97605	12511	8732/	00705	86709	/////	00210	11042	30706	20907
L	99570	70203	27124	82218	96636	12812	872//	00758	86704	88707	0//12	11252	30804	27005
M	99661	10012	27124	40805	99158	08109	39431	00214	81915	/////	0//07	10991	30201	21004
R	99463	70157	27124	73410	98012	34617	756//	00804	87633	/////	0//10	11932	30000	32005

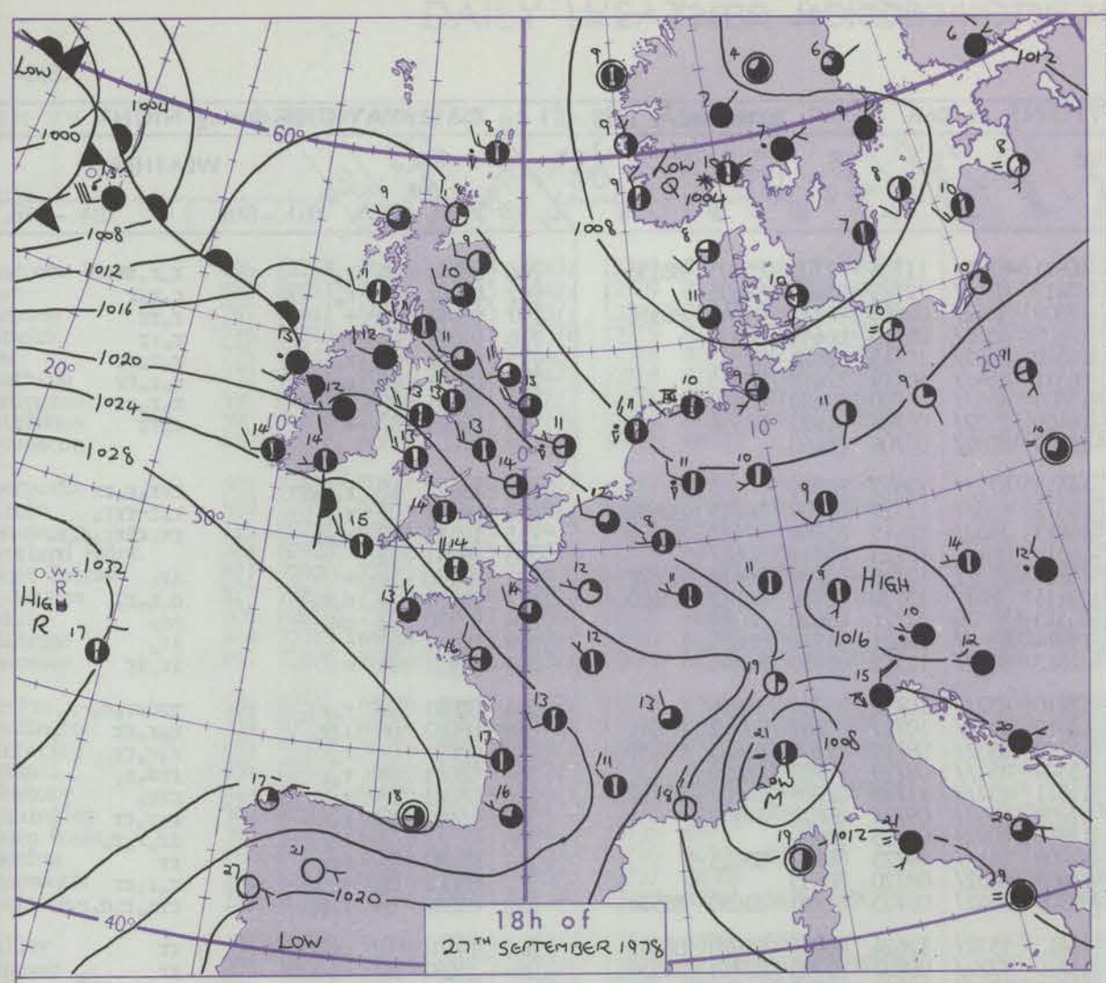
OCEAN WEATHER STATION REPORTS at 18h.

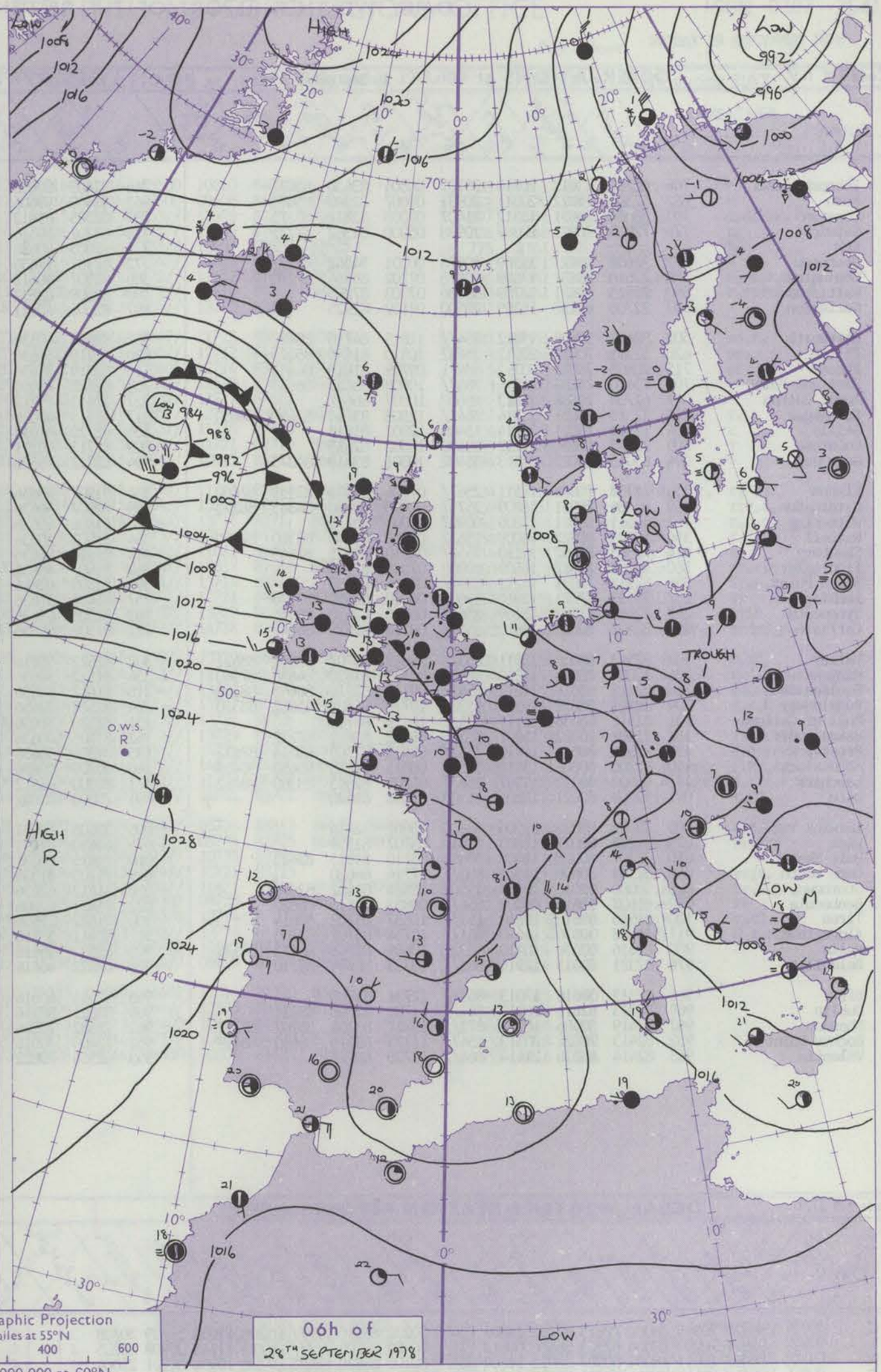
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	27181	82716	98216	14110	864//	00219	88712	/////	00007	11033	30909	20008
L	99571	70201	27184	82430	96616	05113	872//	00731	86704	88708	0//12	11260	30906	28004
M	99662	10010	27184	71804	99022	09709	78500	00308	81820	87640	0//06	10973	30201	21004
R	99461	70152	27184	70110	98022	32017	755//	22608	87630	/////	0//11	11851	30000	33005

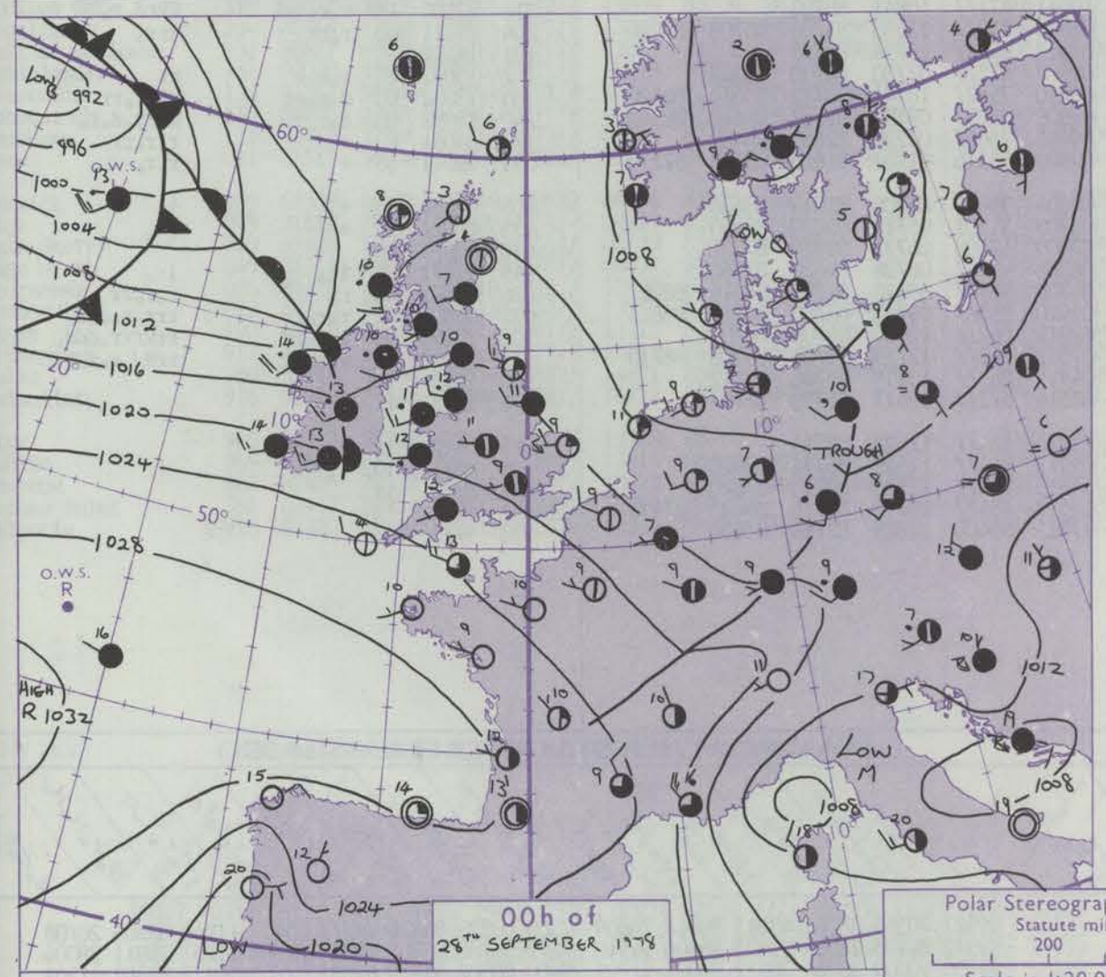
All times of observation printed in this publication are GREENWICH MEAN TIME.

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.

Issued at midday THURSDAY 28 SEPTEMBER 1978

GENERAL SYNOPTIC DEVELOPMENT

During the past 24 hours a depression near southern Norway moved southeast and a low over the Atlantic moved steadily towards Scotland as an associated warm front crossed western parts of the British Isles.

During the next 24 hours the low to the south of Iceland is expected to move east to Scotland whilst associated frontal troughs move east over all parts of the British Isles.

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

Code FM 11.V

OBSERVATIONS at 00h. 28 September 1978

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	52707	83012	20710	35702	08804	83650	85072	
Hurn	862	52304	75022	20911	20931	09807	82360	85075	
Manston	797	83014	80031	18512	21407	07003	82818	88275	
Gatwick	776	72905	70021	20009	10938	05000	81362	87275	
Kew									
Heathrow	772	72607	75021	19509	40976	06801	84362	87273	
Honington	586	72610	63031	17609	60978	07202	86364	87270	
Wattisham	590	72813	68031	17709	00906	07003	87275		
Gorleston	497	22708	66138	16309	29500	07102	82925		
Aberporth	502	82612	58602	19812	854//	11815	84710	88620	
Filton	628	52711	70012	20012	35632	10810	81630	85075	
Rhoose	715	72908	75031	20712	684/1	09709	81815	86643	
Hartland Point	703	73410	74032	21314	785//	10808	83820	86635	
Mount Batten	827	62706	70038	22813	65600	10807	86647		
St.Mawgan	817	82810	75031	23214	854//	12803	83714	83630	88650
Scilly	804	12911	75021	25014	15400	12807	81618		
Culdrose	809	22805	62050	24112	25500	10802	82625		
Guernsey	894	63015	70022	23513	31402	10801	83813	84075	
Elmdon	534	72707	70028	18511	2567/	07806	82635	83358	87460
Cardington	559	82406	75031	18809	35757	07400	83650	84365	88275
Wittering	462	82611	66021	17809	00907	06001	88275		
Watnall	354	72506	68022	18009	15632	07802	81640	85360	87070
Shawbury	414	72508	75032	18110	755//	08810	82625	87645	
Finningley	360	72703	70022	16509	00908	07000	87270		
Spurn Point	396	82712	70031	16211	8097/	08204	88460		
Leeming	257	72810	82021	15910	25606	06000	82630	87070	
Tynemouth	262	82612	81022	15109	2562/	06806	82630	88458	
Carlisle	222	82402	70022	15610	6557/	08712	82628	86647	
Valley	302	82513	60638	18011	853//	09819	83707	86612	88621
Ringway	334	72008	70028	17910	4857/	08708	81820	84630	87360
Squires Gate	318	82812	65616	17212	6547/	09711	82715	86646	88359
Ronaldsway	204	82507	58632	16511	6532/	10718	84708	85622	88550
Mull of Galloway	131	82512	66636	16111	874//	10719	88710		
Eskdalemuir	162	71502	75022	15407	35506	06812	83625	87272	
Prestwick	135	82304	70616	14410	7532/	09816	82709	83614	87632
Abbotsinch	140	82206	68606	13810	5552/	08815	81620	85650	88459
Leuchars	171	82408	84032	13507	2567/	05809	82645	83360	88462
Dyce	091	10000	80021	13204	15500	02806	81620		
Lerwick	005	33009	86028	09506	38400	03001	82814		
Wick	075	12202	82021	12003	10940	03707	81359		
Sule Skerry	010	32307	80028	11408	38400	03710	81815	83625	
Cape Wrath	049	62105	80606	11508	655//	07714	86620		
Stornoway	026	30000	80016	10508	15502	08824	81622	83070	
Benbecula	022	81607	65616	09809	854//	09833	82616	88620	
Tiree	100	81515	64618	10610	853//	10837	85709	88614	
Aldergrove	917	81808	30636	14610	861//	10734	83702	88703	
Malin	980	81616	60638	10710	6632/	10849	83708	86715	88535
Belmullet	976	82321	30615	12914	862//	13733	86704	88710	
Birr	965	82313	56616	17013	863//	12731	88708		
Dublin	969	82313	62616	16212	863//	11731	85708	88716	
Shannon	962	82419	50586	18313	872//	13727	83704	86707	88712
Roches Point	952	82413	70022	20513	6547/	11725	82716	86635	88459
Valentia	953	82414	60026	21414	864//	12720	88717		

OBSERVATIONS at 06h. 28 September 1978

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	82409	60636	16611	6722/	11726	82703	85705	88550
Hurn	862	82409	59606	17413	854//	12723	85615	88635	
Manston	797	82305	63612	17509	4842/	08605	81812	84640	88556
Gatwick	776	82202	56616	17609	6562/	09715	86645	88458	
Kew	775	82005	50636	16610	3552/	10715	83620	88545	
Heathrow	772	82107	57636	16611	854//	10719	82618	88645	
Honington	586	82307	60612	15809	855//	08710	82620	88650	
Wattisham	590	82509	60632	16109	2552/	08708	81622	88556	
Gorleston	497	82606	66021	15309	8092/	07706	88460		
Aberporth	502	82524	40636	14413	872//	13625	88704		
Filton	628	82718	50636	15612	853//	12727	85708	86715	88630
Rhoose	715	82719	35636	16013	7532/	12619	85706	87612	88545
Hartland Point	703	82828	70606	16514	884//	12723	85815	88627	
Mount Batten	827	72613	75212	18814	753//	13719	83709	86616	87622
St.Mawgan	817	82518	60026	19114	7847/	13720	82710	84812	85620
Scilly	804	62720	81018	20515	35570	12721	83620	86360	
Culdrose	809	82713	60211	19914	884//	12621	84710	88625	
Guernsey	894	82717	75606	21013	854//	11712	85710	86645	
Elmdon	534	81907	50636	13810	852//	10732	85704	88625	
Cardington	559	82007	56636	15410	6532/	10721	83707	83712	85645
Wittering	462	81806	45636	14709	6532/	09719	81708	83645	88459
Watnall	354	81605	30636	13309	851//	09729	87702	88620	
Shawbury	414	81910	56636	11811	852//	11735	82704	84707	87712
Finningley	360	81607	40636	12709	6552/	09724	86622	88540	
Spurn Point	396	82309	62616	13910	8092/	09715	88460		
Leeming	257	81409	37636	11409	851//	09725	86702	88615	
Tynemouth	262	82305	69636	11409	8062/	08720	88535		
Carlisle	222	81508	60636	09309	3542/	09735	81710	83630	88556
Valley	302	82522	58616	11413	7532/	12624	85707	85620	88545
Ringway	334	81512	30636	11710	7722/	09837	85703	87714	88550
Squires Gate	318	81612	18656	10011	871//	10841	88702		
Ronaldsway	204	82522	50656	08313	853//	13633	83706	86708	88620
Mull of Galloway	131	82520	58636	07513	874//	12734	88710		
Eskdalemuir	162	81405	40636	09507	872//	07730	84703	88707	
Prestwick	135	81306	58636	06210	7542/	10741	83712	85616	86620
Abbotsinch	140	80709	50636	06909	6532/	09739	81707	86618	88540
Leuchars	171	80000	65612	09407	2562/	07720	82635	88460	
Dyce	091	70000	80031	09502	15516	01721	81620	83465	87270
Lerwick	005	33005	82021	08806	38401	02706	81814	83630	
Wick	075	61410	82031	08309	31501	05719	83820	83070	
Sule Skerry	010	71416	86031	07009	12508	06722	81820	87275	
Cape Wrath	049	71705	81036	06208	4557/	06728	84620	87360	
Stornoway	026	81412	62636	04709	854//	09628	82712	84616	88622
Benbecula	022	81421	62606	01410	853//	09741	83708	84711	88625
Tiree	100	81612	23636	02912	862//	12630	84703	88706	
Aldergrove	917	82411	58216	07512	862//	12719	83703	85706	88710
Malin	980	82522	56616	04914	863//	13719	85708	87712	
Belmullet	976	82322	40616	08514	872//	13617	85703	88707	
Birr	965	82514	60616	12313	864//	12722	88711		
Dublin	969	82621	80216	09913	864//	11619	86714	88620	
Shannon	962	72622	70026	13615	754//	12725	83713	87620	
Roches Point	952	72408	70016	16513	4547/	10718	81716	84635	87459
Valentia	953	62516	70022	17015	65400	12829	82718	85636	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	06091	04	r_or_o	r_or_orr
Hurn	862	02081	05	r_o	r_or_or
Manston	797	03091	08	+	r_orr
Gatwick	776	04071	04	+	r_orr
Kew	775	06082	03	r_o	r_or_orr
Heathrow	772	06091	06	r_o	r_or_orr
Honington	586	03091	07	1	r_or_orr
Wattisham	590	03091	07	+	r_orr
Gorleston	497				
Aberporth	502	15122	10	r_or_orr	rrr_or_orr
Filton	628	04121	07	r_o	r_or-rrr_o
Rhoose	715	12111	10	r_orR	$rr_orRrr_od_or_o$
Hartland Point	703	92141	12		
Mount Batten	827	97130	10	+	ir_o
St.Mawgan	817	01131	11	d_or_o	$d_or_or_o$
Scilly	804	97130	11	pr_o	pr_o
Culdrose	809	95111	03	+	ir_o
Guernsey	894	97131	11	+	ir_oir
Elmdon	534	07091	07	r_or_o	$rrdrr_od_o$-r_o
Cardington	559	08082	06	lir_o	r_or_orr
Wittering	462	10091	07	r_o	r_or_orr
Watnall	354	11081	04	r_or	rrd_or_o
Shawbury	414	09081	04	r_orr	rrr_o
Finningley	360	10091	07	r_o	r_or_orr
Spurn Point	396			+	$ir_or_or_o$
Leeming	257	09092	07	ir_o	rr
Tynemouth	262	03082	06	+	r_or_orr
Carlisle	222	09092	06	r_or_or	$rrr_or_od_or_o$
Valley	302	14102	11	pr_orr	rr
Ringway	334	14092	08	r_or_orr	rr
Squires Gate	318	27102	10	r_or_orrR	$RRrd_or_o$
Ronaldsway	204	19111	08	r_orr	Rrr_o
Mull of Galloway	131	14112			
Eskdalemuir	162	13072	05	r_or_or	rr
Prestwick	135	13092	08	d_or_orr	$rRRr_orr$
Abbotsinch	140	14092	08	r_or_or	$rrRr_od_or_o$
Leuchars	171	04061	03	+	r_or_orr
Dyce	091	92011	53	+	r_or_o
Lerwick	005	00051	50	+	+
Wick	075	00021	52	+	+
Sule Skerry	010	00081	08		
Cape Wrath	049	97071	05	ir_o	ir_o
Stornoway	026	05071	05	r_o	r_or_orr
Benbecula	022	07091	07	r_or_orr	$rrr_or_od_od_o$
Tiree	100	13091	08	r_or_orr	$rrRrrr_oddd_o$
Aldergrove	917	19102	10	r_or_orr	$rrR_{d_o}^{l}r_od_or$
Malin	980	2410	10		
Belmullet	976	2213	12		
Birr	965	0412	11		
Dublin	969	0611	10		
Shannon	962	0313	11		
Roches Point	952	9712	11		
Valentia	953	9713	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28001	72815	97155	19809	73400	00232	85910	/////	05206	11035	3//09	20/08
	99571	70200	28004	82323	96586	00612	872//	00829	88705	/////	0//12	11245	30908	28205
	99662	10011	28004	80907	98022	11509	885//	00105	82820	88635	0//06	10966	30201	21004
	99460	70147	28004	83002	97032	30516	856//	22811	88630	/////	0//11	11863	30000	33005

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28061	43011	98018	24609	42500	00228	84826	/////	05207	11044	3//06	20/08
	99572	70198	28064	82435	96606	94510	872//	00730	85704	88713	0//09	11257	30911	28004
	99660	10009	28064	70712	98032	11709	79400	00302	81915	87635	0//05	10971	30302	21203
	99460	70145	28064	72908	98032	28016	785//	00611	81820	87640	0//09	11872	30000	33804

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. 42680

Date of Issue FRIDAY 29 SEPTEMBER 1978

Code FM 11.V — OBSERVATIONS at 12h. 28 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$
Boscombe Down	746	82718	74606	13815	6547/	12713	83714	84618	88459
Hurn	862	82511	75616	15215	4542/	12709	82710	83630	88460
Manston	797	82411	64616	12113	853//	13735	84707	83615	88630
Gatwick	776	72815	65016	13115	38578	12719	82820	86362	87275
Kew	775	72612	72026	12216	28438	11718	81818	83362	87272
Heathrow	772	72614	70026	12216	38478	12718	81818	83656	85363
Honington	586	81908	36616	10711	872//	11731	86704	87707	88709
Wattisham	590	81910	22596	11211	6712/	11633	84702	85704	88540
Gorleston	497	81914	60616	11312	874//	10735	88710		
Aberporth	502	72521	70216	12614	5537/	12717	81707	85656	87359
Filton	628	82817	68216	13414	884//	13814	81818	86628	88640
Rhoose	715	82721	68216	14115	7547/	12810	87614	88460	
Hartland Point	703	82928	70026	15415	885//	11710	82820	88625	
Mount Batten	827	72920	72022	17017	78438	11815	81819	84822	87626
St.Mawgan	817	72818	75022	17816	785//	13712	83820	86640	
Scilly	804	62819	73021	19117	65502	12706	86620		
Culdrose	809	72713	66022	18417	6833/	12810	81709	86635	
Guernsey	894	72826	78216	19216	753//	11810	82709	83616	87650
Elmdon	534	82515	66026	10815	5542/	11709	85614	85640	88458
Cardington	559	82514	82026	11114	6552/	11615	83625	85630	88459
Wittering	462	82512	58216	10113	853//	12618	83709	86612	88640
Watnall	354	82411	58516	09113	872//	12713	86704	88708	
Shawbury	414	82518	61636	09914	854//	12709	82710	84630	88640
Finningley	360	82107	61586	08014	854//	13625	82613	88618	
Spurn Point	396	81520	40616	09211	874//	10730	88710		
Leeming	257	81312	20216	07111	862//	10720	84703	88704	
Tynemouth	262	81617	49516	06510	863//	10727	88708		
Carlisle	222	82510	50586	05314	873//	13713	83706	84708	88712
Valley	302	82320	56636	09814	853//	13714	83706	88619	
Ringway	334	82313	45616	09113	872//	13811	82704	86707	88710
Squires Gate	318	82621	36636	08014	872//	13809	85704	88706	
Ronaldsway	204	82414	57636	07113	872//	13810	84703	86705	88708
Mull of Galloway	131	82417	65636	05713	4712/	13813	81702	84705	88510
Eskdalemuir	162	80000	35616	05210	871//	10818	88702		
Prestwick	135	82312	58586	03614	851//	14712	82702	85705	86711
Abbotsinch	140	80703	20596	03911	871//	10715	82702	86704	88706
Leuchars	171	81412	57586	04710	873//	09728	83706	88709	
Dyce	091	81513	58636	06009	7522/	08614	81705	85707	85620
Lerwick	005	61508	86031	07310	38432	04714	82815	85070	
Wick	075	81618	70602	03809	6542/	07729	82712	84616	85645
Sule Skerry	010	81428	70606	01110	5552/	08739	85620	88558	
Cape Wrath	049	81511	80616	00009	874//	08837	88715		
Stornoway	026	81416	26596	97910	872//	10738	84703	88706	
Benbecula	022	82315	60615	98113	852//	13817	82703	85704	88612
Tiree	100	82216	56616	00413	861//	13718	83702	86704	88706
Aldergrove	917	82409	62616	05314	872//	13815	84704	88706	
Malin	980	82314	30596	02614	7622/	14821	85705	87711	88550
Belmullet	976	82224	20516	04414	872//	14728	86703	88706	
Birr	965	82312	58506	09814	864//	13720	88710		
Dublin	969	82620	65516	07714	863//	13815	83708	85712	85717
Shannon	962	82426	70022	10416	864//	13822	83715	86718	88625
Roches Point	952	62417	82032	13117	624//	11726	86818		
Valentia	953	82320	70032	13315	6257/	12824	86820	88360	

OBSERVATIONS at 18h. 28 September 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	$T_dT_d$app	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$
Boscombe Down	746	42613	81016	11414	45500	10610	84624		
Hurn	862	42612	80016	12416	48500	09608	81822	84645	
Manston	797	82413	45615	10213	853//	13609	82707	88635	
Gatwick	776	72614	75026	11015	755//	11709	87622		
Kew	775	72411	70026	10416	755//	10607	85620	87625	
Heathrow	772	72415	70016	10115	754//	11609	81618	87623	
Honington	586	82310	26586	08013	872//	13612	87703	88712	
Wattisham	590	82411	40596	08813	872//	12610	84703	88708	
Gorleston	497	82407	48616	07813	855//	13713	88620		
Aberporth	502	72323	70021	08414	7847/	11722	83814	87645	
Filton	628	72620	75022	10215	785//	12712	84822	86635	
Rhoose	715	52720	68022	10615	58401	12714	83816	84630	
Hartland Point	703	72526	74032	10715	784//	12620	83818	87635	
Mount Batten	827	72516	80022	14215	755//	12717	87621		
St.Mawgan	817	72418	80216	13615	785//	12723	83820	87624	
Scilly	804	72522	75022	14415	755//	11726	87628		
Culdrose	809	82513	65032	14515	854//	11721	82710	88630	
Guernsey	894	72721	78022	16215	784//	10613	83813	86623	
Elmdon	534	82514	64026	07815	854//	11715	85614	88618	
Cardington	559	82312	58216	08215	854//	13715	82712	85618	88630
Wittering	462	82312	70036	07314	854//	13714	82711	84615	88620
Watnall	354	72411	68586	06413	773//	13614	84708	87714	
Shawbury	414	72418	68026	06414	6543/	11621	86614		
Finningley	360	72309	59626	04814	7547/	13617	87618	87359	
Spurn Point	396	82314	40616	05413	864//	13714	88715		
Leeming	257	62011	70216	02315	4847/	12721	84616	83358	
Tynemouth	262	81908	23636	01213	8052/	13728	88520		
Carlisle	222	82411	25586	00414	872//	14728	82703	85705	88708
Valley	302	82125	65026	04315	855//	13729	86624	88630	
Ringway	334	72213	65216	05514	753//	12720	81708	83613	87622
Squires Gate	318	82321	60606	03815	854//	13724	81710	88623	
Ronaldsway	204	82218	61616	01614	4532/	13727	81708	84616	88545
Mull of Galloway	131	82330	60636	99513	4732/	13734	84708	88520	
Eskdalemuir	162	81810	15636	99213	872//	13729	86703	88705	
Prestwick	135	82414	25636	98014	851//	14731	82702	85704	87706
Abbotsinch	140	82312	40656	97114	873//	14636	84706	88708	
Leuchars	171	81406	57636	97511	872//	11738	86704	88710	
Dyce	091	81514	30636	98410	871//	10842	83702	88703	
Lerwick	005	81421	80022	01809	5842/	05728	83813	84635	88459
Wick	075	81524	57636	96410	872//	09734	83705	86708	88712
Sule Skerry	010	81426	58636	94010	872//	10735	88705		
Cape Wrath	049	81809	75636	93611	874//	10721	88715		
Stornoway	026	72008	70216	93111	754//	11621	83614	84622	87640
Benbecula	022	42312	72016	93712	28332	09720	81709	83075	
Tiree	100	72316	64016	95612	763/8	12714	87707		
Aldergrove	917	62820	50216	99613	652//	12724	81703	83705	86635
Malin	980	72520	72026	98113	684/2	11615	82716	85820	
Belmullet	976	62321	75258	00712	634//	09719	81717	84920	
Birr	965	52510	75215	04912	46402	11516	82710	83635	
Dublin	969	82219	58606	01615	864//	12835	85712	87718	
Shannon	962	22717	80215	05913	28400	10611	81713		
Roches Point	952	72520	70215	07314	773//	13628	84708	87715	
Valentia	953	72723	66026	09014	78500	10205	85821	87630	

OBSERVATIONS during DAY

Station	iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97161	003	$r_or_oir_o$	+
Hurn	862	93170	008	r_or_o	+
Manston	797	03141	000	$rrr_or_od_o$	$d_od_or_or_o$
Gatwick	776	01161	001	rr_o	r_o
Kew	775	01161	002	rr_oir_o	+
Heathrow	772	02171	001	rrr_or_o	+
Honington	586	07141	000	$rrr_od_or_o$	$r_ord_or_od_or_o$
Wattisham	590	07141	000	rrdrdr	$r_orrdrd_or_o$
Gorleston	497		000		
Aberporth	502	07151	019	rrr_or_o	rd_or_o
Filton	628	93161	002	r_or	pr_o
Rhoose	715	97161	021	$d_or_oir_o$	pr_o
Hartland Point	703	93162	025		
Mount Batten	827	00170	015	+	+
St.Mawgan	817	97171	026	+	r_o
Scilly	804	01//1	029	+	r
Culdrose	809	00170	019	+	+
Guernsey	894	97160	002	ir_o	+
Elmdon	534	96151	000	$r_oir_oid_orr_or_o$	r_o
Cardington	559	03151	000	rrr_or_o	rrr_or_o
Wittering	462	04141	000	$rrd_or_or_o$	$r_or_od_o$
Watnall	354	02141	000	$d_or_od_od_or$	$r_od_or_o$
Shawbury	414	02151	003	r_or_orr	r_o
Finningley	360	03151	000	rrd_or_or	rr_or_or
Spurn Point	396			r_or_o	$ir_or_or_o$
Leeming	257	06151	001	rrr_od_o	rr
Tynemouth	262	06142	000	rrd_od_o	rrir
Carlisle	222	13142	000	$d_or_od_or_odrr_or$	$rrdrd_or_od_or_oR$
Valley	302	11151	002	rrr_o	r_orR
Ringway	334	06151	000	$rrd_or_od_or_odr$	$rrd_or_od_or_o$
Squires Gate	318	07152	000	$d_or_odrrrR_o$	$rd_or_oDR_or_oR$
Ronaldsway	204	13151	000	r_oRrr	r_or_oR
Mull of Galloway	131	14132			
Eskdalemuir	162	21132	000	rrr_or_o	r_or_orrRR
Prestwick	135	19151	000	$r_or_orrdrdr$	$drdrrrRR_or_o$
Abbotsinch	140	13141	000	$d_or_od_or_odrr_or$	$rrR_or_od_or_o$
Leuchars	171	12122	000	$r_od_or_od_od_odr$	$d_or_or_orrRr$
Dyce	091	16112	000	$r_or_ord_or_o$	r_orR
Lerwick	005	01102	050	+	r_or_oRRrr
Wick	075	15112	000	$ir_or_or_o$	rriRrr
Sule Skerry	010	09112			
Cape Wrath	049	08112	000	$ir_or_or_o$	$rrir_o$
Stornoway	026	12131	000	$rrdrr_or_o$	$rr_or_opr_o$
Benbecula	022	05131	000	$d_oddr_or_orr$	rr
Tiree	100	11141	000	d_odr_orR	r_orR
Aldergrove	917	11152	000	$rrR_or_od_o$	$d_or_od_or_oR$
Malin	980	2314	000		
Belmullet	976	1414	004		
Birr	965	0415	000		
Dublin	969	0216	001		
Shannon	962	0616	001		
Roches Point	952	0318	062		
Valentia	953	0416	004		

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

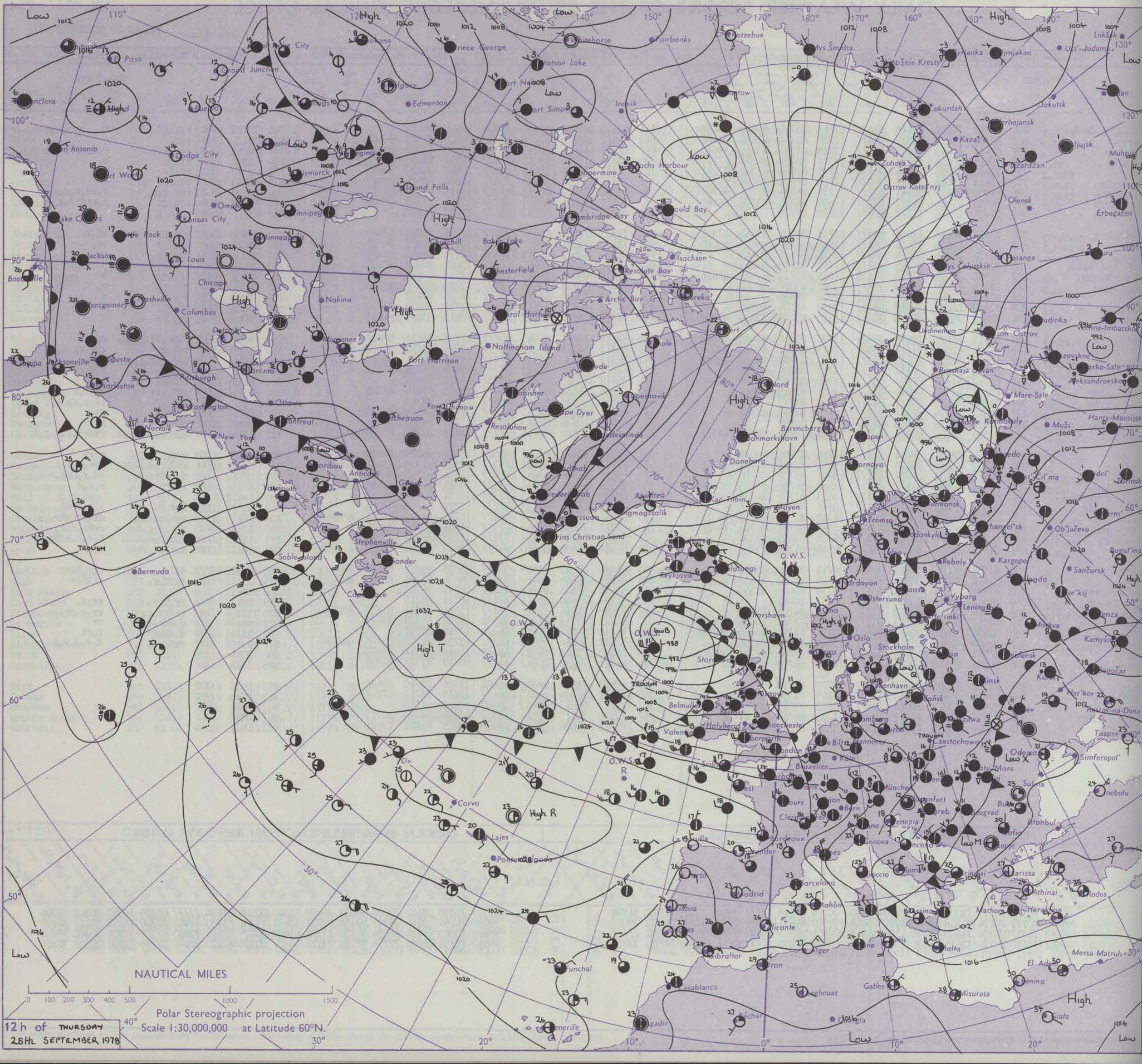
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28121	73007	98022	29409	75500	00224	87628	/////	05204	11023	30302	31108
L	99572	70199	28124	82528	97808	90510	4843/	51502	84811	88358	0//10	11258	30912	28007
M	99662	10007	28124	71410	98152	12608	68431	00201	83815	85647	0//06	10976	30302	/////
R	99461	70150	28124	72615	98031	27016	756//	00808	87640	/////	0//12	11848	30501	32804

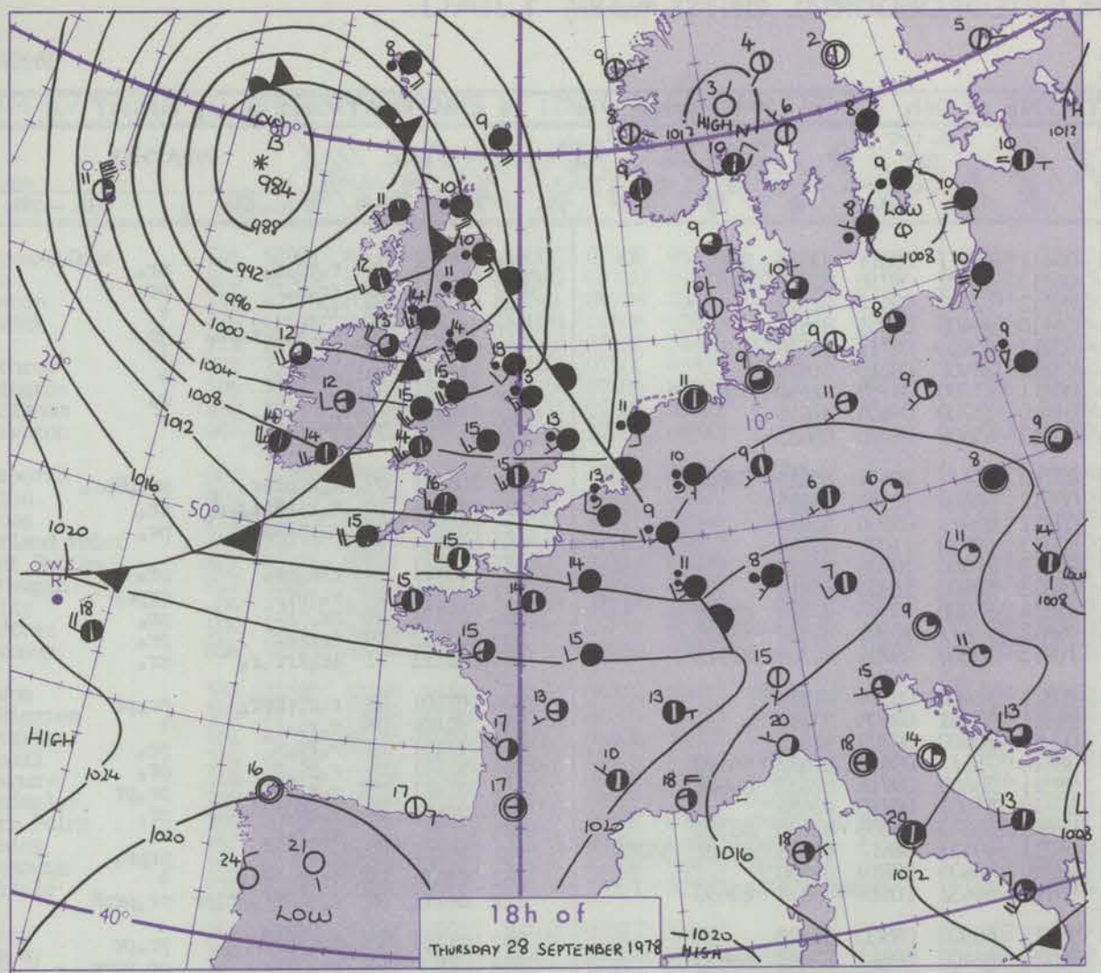
OCEAN WEATHER STATION REPORTS at 18h.

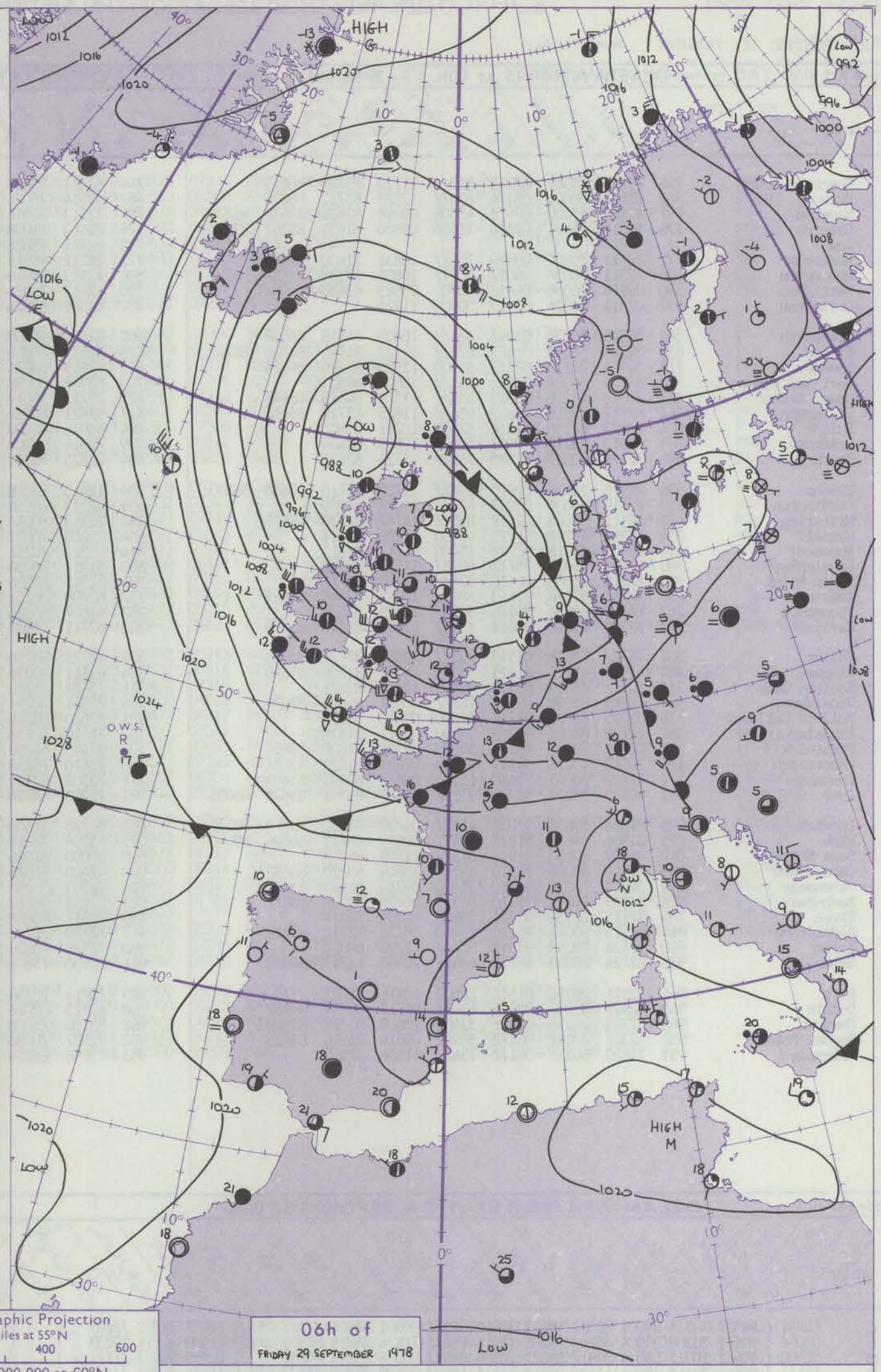
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_h$	$8N_sC_hs_hs_h$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28181	72808	98028	30409	75500	00208	87624	/////	05104	10982	30302	31006
L	99569	70204	28184	33345	97158	03211	33401	71382	81710	81914	0//09	11253	31112	28109
M	99663	10003	28184	61114	98158	11108	69400	00609	82915	84645	0//06	10986	30302	99/03
R	99463	70154	28184	72718	97032	23118	5855/	00508	82820	85640	0//16	11831	30502	32804

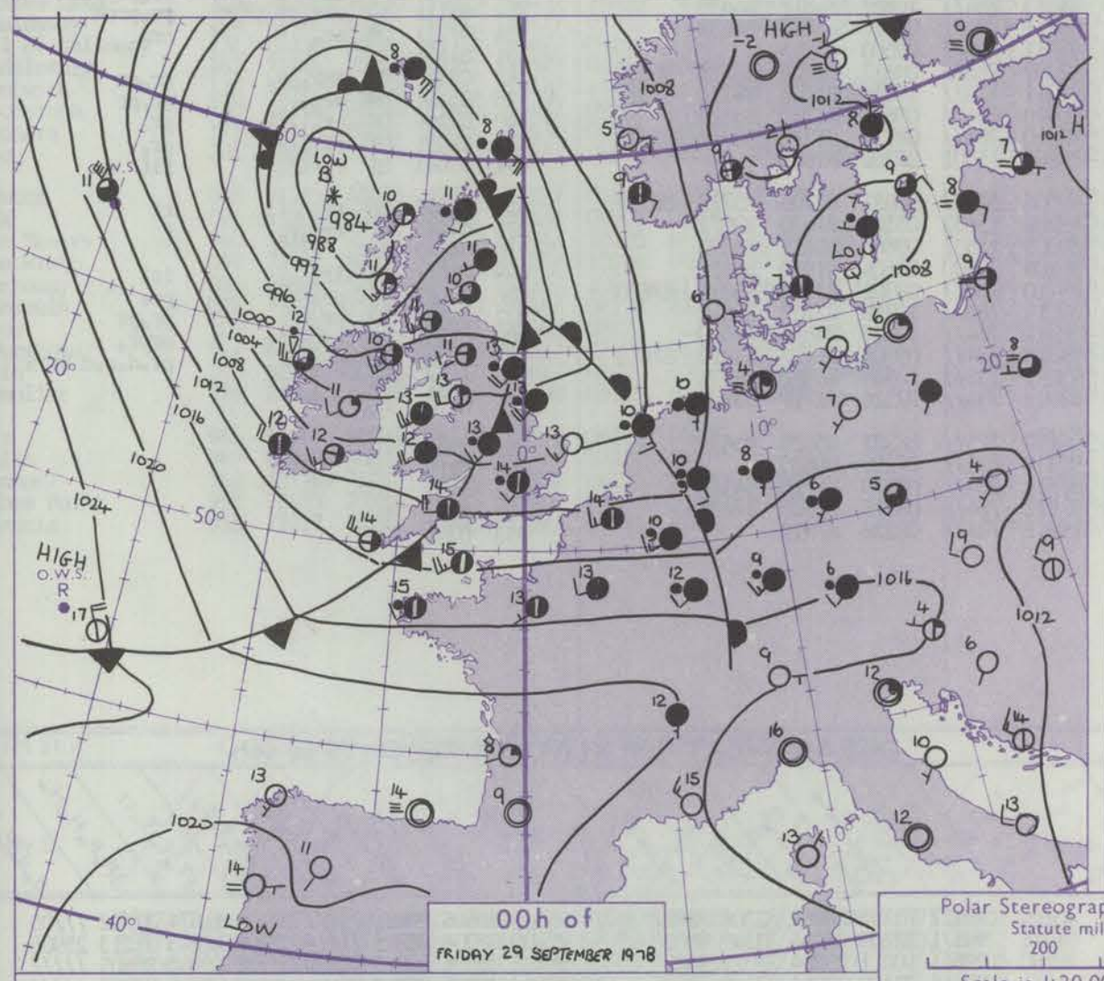
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 29 SEPTEMBER 1978

During the past 24 hours a deep depression moved from the Atlantic to west Scotland and associated fronts over the British Isles moved southeast to the North Sea and Channel, followed by a strong west to northwest airflow over most parts.

During the next 24 hours the depression is expected to move slowly east southeast to the North Sea with a strong northwesterly airflow affecting all the British Isles.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 29 September 1978

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	82218	59581	07012	853//	11728	85709	88619	
Hurn	862	82416	60601	08114	854//	12828	85712	88626	
Manston	797	62214	65036	07413	45506	09818	82622	83638	85275
Gatwick	776	72314	75021	07514	15656	09826	81635	85361	87275
Kew									
Heathrow	772	72111	70601	05914	756//	10831	81630	87645	
Honington	586	72311	70036	04012	7097/	10826	87358		
Wattisham	590	32214	70036	04812	35700	09823	83650		
Gorleston	497	02314	66026	03913	00900	11725			
Aberporth	502	82518	70036	05012	884//	10805	84818	88638	
Filton	628	82518	56656	05613	872//	12727	84704	86708	88712
Rhoose	715	52913	70218	06213	55300	12520	82709	84628	
Hartland Point	703	83020	66026	07513	855//	10605	88625		
Mount Batten	827	83013	65216	09913	855//	11521	84625	88643	
St.Mawgan	817	62717	70216	09813	654//	11815	83710	85618	
Scilly	804	52923	81258	11314	52500	10711	85820		
Culdrose	809	22913	65216	10812	25600	10515	82630		
Guernsey	894	72524	80022	12315	755//	11726	87625		
Elmdon	534	82116	62631	02613	3542/	12729	81710	83618	88550
Cardington	559	82119	66601	03913	857//	11827	88650		
Wittering	462	82113	80605	02612	855//	11707	82620	88645	
Watnall	354	42314	75216	01212	45400	11730	84618		
Shawbury	414	12507	75016	02211	15400	08617	81615		
Finningley	360	81912	65636	99712	8072/	11727	88550		
Spurn Point	396	82218	65606	00113	874//	11730	88715		
Leeming	257	82811	80216	97613	884//	10625	82816	88647	
Tynemouth	262	82516	69636	96114	8062/	12722	88535		
Carlisle	222	52508	75026	96811	15402	11811	81616	85075	
Valley	302	72427	78216	01513	755//	10808	87629		
Ringway	334	52306	65216	01411	55300	11721	81706	85656	
Squires Gate	318	32618	65016	99813	35500	10716	83625		
Ronaldsway	204	72516	80036	99112	784//	09811	84814	87634	
Mull of Galloway	131	32525	82026	97711	35600	09816	83630		
Eskdalemuir	162	22109	80016	96209	28500	07811	81820		
Prestwick	135	52414	70026	95111	58500	09726	81820	83634	
Abbotsinch	140	32312	70256	94211	38500	09823	81824	83634	
Leuchars	171	62409	70016	93410	655//	09715	82625	85650	
Dyce	091	82503	59216	92211	851//	10626	81702	85625	88635
Lerwick	005	81326	59636	97008	4532/	06729	83708	83613	88530
Wick	075	81908	60616	91811	854//	10619	84711	86624	88640
Sule Skerry	010	81609	60616	91911	873//	11505	88706		
Cape Wrath	049	81805	80016	91510	855//	10709	83620	88630	
Stornoway	026	32007	75038	90010	35600	09718	81640	83656	
Benbecula	022	61809	70258	89210	683//	10728	82707	85812	
Tiree	100	32115	62258	90511	38400	10731	81814		
Aldergrove	917	52215	80021	96210	55400	08726	82712	85628	
Malin	980	82626	70258	93012	835//	11728	88920		
Belmullet	976	62724	68808	98712	634//	10500	81717	84920	
Birr	965	22511	70018	01511	28500	10616	81821		
Dublin	969	62418	62808	99311	634//	09719	83717	86922	
Shannon	962	32725	70258	03812	33400	10609	81712	83920	
Roches Point	952	52317	70031	06212	38402	09614	81816	83635	
Valentia	953	72820	66258	08112	734//	11504	87919		

OBSERVATIONS at 06h. 29 September 1978

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	62411	80036	04411	684//	09611	83813	86645	
Hurn	862	52514	75026	05513	48402	09710	82710	83075	
Manston	797	22513	82016	03512	12402	09514	81812		
Gatwick	776	22413	81038	04410	28400	08805	81814		
Kew	775	42311	75026	03212	45600	08717	84630		
Heathrow	772	22212	80016	03212	28400	09610	81816		
Honington	586	12313	80016	00811	15700	09709	81650		
Wattisham	590	12412	70026	01610	15700	09605	81656		
Gorleston	497	62509	66026	00712	65500	09705	86625		
Aberporth	502	82621	65808	03112	884//	10604	85815	88638	
Filton	628	52717	75018	03512	58400	10608	84816		
Rhoose	715	62819	68038	03512	684//	09506	85816		
Hartland Point	703	62928	80038	05313	59430	11000	85918		
Mount Batten	827	22717	75018	07613	28400	10706	82818		
St.Mawgan	817	52821	80028	08313	52400	11602	85816		
Scilly	804	53026	81808	10914	58500	10303	82820	85624	
Culdrose	809	72814	45808	09612	734//	10501	85912	83620	
Guernsey	894	22825	70258	10013	29300	09704	81709	81913	
Elmdon	534	12413	82018	00311	18400	08514	81818		
Cardington	559	32213	60056	01411	30931	09608	83360		
Wittering	462	22313	80016	00010	28400	08709	81818		
Watnall	354	72209	70031	98810	755//	09613	83622	86640	
Shawbury	414	52313	70251	99011	58400	09716	82818	84624	
Finningley	360	51911	80036	97110	55501	08710	83626		
Spurn Point	396	52315	68036	97811	35570	09808	83620	85360	
Leeming	257	62706	80251	94711	4943/	08617	81918	83822	85360
Tynemouth	262	41807	69026	93210	45600	08819	84630		
Carlisle	222	62711	72038	93111	6843/	10614	85816	83630	
Valley	302	62729	80256	99612	68500	09500	85820		
Ringway	334	62111	80038	98110	68400	09612	82818	86635	
Squires Gate	318	72624	65258	94813	784//	10621	86817	86635	
Ronaldsway	204	72521	80251	95711	784//	09607	85817	84634	
Mull of Galloway	131	62630	82018	93911	694//	09603	85915		
Eskdalemuir	162	72110	50258	92309	783//	08617	85708	85818	86630
Prestwick	135	72413	62258	91311	733//	10810	81706	83710	81915
Abbotsinch	140	72410	70258	90410	6843/	09609	81710	83820	
Leuchars	171	72309	68251	90010	784//	08719	81712	83818	85635
Dyce	091	22205	65286	89607	15501	07708	81620		
Lerwick	005	81228	56636	92508	5732/	06621	82706	85713	88537
Wick	075	43104	78116	89206	15632	05507	81630	83072	
Sule Skerry	010	30000	81026	89309	15531	09605	81625	83075	
Cape Wrath	049	41403	81026	89409	49500	08604	81920	84625	
Stornoway	026	71203	58258	89110	784//	09302	82710	83816	87630
Benbecula	022	73118	66818	89011	783//	10318	82709	86812	
Tiree	100	72817	60808	90311	784//	10312	84816	84640	
Aldergrove	917	72720	70258	94810	784//	09501	81712	83815	87625
Malin	980	72928	70808	93211	735//	10309	86920	86638	
Belmullet	976	72930	75808	03011	734//	07326	81716	85920	
Birr	965	72714	70258	04110	785//	08332	85820	85631	
Dublin	969	62725	80028	99310	625//	07209	86820		
Shannon	962	53130	75808	07511	534//	07230	81713	84918	
Roches Point	952	72927	70038	07912	784//	08318	85816	87635	
Valentia	953	73216	66258	11912	734//	08228	87919		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	01101	08	r_o–d_or_o	pr_o
Hurn	862	01111	09	rr_od_o	pr_o
Manston	797	97111	09	ir_o	+
Gatwick	776	93101	08	r_or[illegible]$d_or_opr_o$	jp
Kew	775	97121	09	r_o	+
Heathrow	772	91111	09	r_o–d_or_o	+
Honington	586	96111	09	r_or_o	r_o
Wattisham	590	93101	08	r_o	+
Gorleston	497				
Aberporth	502	05111	09	$d_or_oprpr_o$	pr_opRpr_o
Filton	628	02121	10	d_or_orRd$_o$r$_o$d$_o$	pr_o
Rhoose	715	02111	09	r_orRrpr_o	pr_o
Hartland Point	703	02122	10		
Mount Batten	827	03121	10	rRr_opr_o	pr_o
St.Mawgan	817	04111	10	r_orpr	$prpr_o$
Scilly	804	01131	10	pr	pr_o
Culdrose	809	03112	09	$irrpr_o$	pr_o
Guernsey	894	01121	11	$ir_oirr_or_o$	pr_o
Elmdon	534	02101	08	$r_or_orRrr_o$	pr_opr
Cardington	559	92101	08	r_or_o	+
Wittering	462	93101	09	r_orr_o	pr_o
Watnall	354	95101	06	r_or	pr_o
Shawbury	414	01101	05	r_or_o	pr_opr
Finningley	360	02101	07	r_orR	pr_o
Spurn Point	396			$ir_or_or_o$	+
Leeming	257	96111	07	r_or	$prpr_o$
Tynemouth	262	03091	07	irrr	+
Carlisle	222	06111	09	$d_or_oRrr_opr_opr$	pr_oprpR
Valley	302	01111	09	ir_o	pr_opr
Ringway	334	08101	09	rr	pr_oprpr_o
Squires Gate	318	08111	10	rRr_opr_opRpr	pr_oprpR
Ronaldsway	204	97111	09	pr_o	pr_o
Mull of Galloway	131	01101			
Eskdalemuir	162	02081	05	RRr_opr_o	pr_opr
Prestwick	135	05101	09	pr_o	pr_opr
Abbotsinch	140	01101	08	pr_o	pr_o
Leuchars	171	02091	07	rrr_o	pr_o
Dyce	091	02041	01	r_orir_o	fif
Lerwick	005	22072	06	rr	rr
Wick	075	04041	01	rrr_or_o	f
Sule Skerry	010	04092	51		
Cape Wrath	049	01071	04	ir_o	ir_o
Stornoway	026	94091	06	pr_o	pr_o
Benbecula	022	03091	07	pr_opR	pr_opr
Tiree	100	05101	09	pr_opRpr	$prpr_o$
Aldergrove	917	03091	08	pr_o	$pr_od_or_od_oRrr_o$
Malin	980	0411	09		
Belmullet	976	0410	08		
Birr	965	0109	07		
Dublin	969	0210	08		
Shannon	962	0410	08		
Roches Point	952	9211	08		
Valentia	953	0310	09		

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	29001	82507	98022	32010	855//	00001	88621	/////	05106	11072	3//02	///05
L	99572	70208	29004	63140	98038	13911	634//	71126	84815	82922	0//07	11230	31111	29233
M	99662	10012	29004	80912	98022	10308	884//	00506	83815	88632	0//05	10855	30403	/////
R	99465	70157	29004	13320	97018	24416	18500	00109	81820	/////	0//11	11856	30804	/////

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	29061	82308	98022	31210	855//	00606	88621	/////	05106	11074	3//02	///05
L	99571	70203	29064	33140	98028	15910	32400	00004	83815	/////	0//06	11243	31213	25906
M	99661	10011	29064	71022	98022	09008	58432	00804	83815	84630	0//04	10960	30605	/////
R	99465	70160	29064	83419	97031	25516	885//	00305	82820	88633	0//10	11926	30805	/////

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

42681

Date of Issue SATURDAY 30 SEPTEMBER 1978

Code FM 11.V

OBSERVATIONS at 12h. 29 September 1978

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	62921	84038	04914	68500	07308	85825		
Hurn	862	52919	80258	06515	58500	07310	84825	83635	
Manston	797	42515	80211	02516	38541	09709	83828		
Gatwick	776	62816	82258	03716	68600	07606	85835		
Kew	775	62714	84028	03115	686//	05502	84830	83645	
Heathrow	772	72716	82038	03115	785//	07501	85825	83645	
Honington	586	72621	81258	00014	785//	07506	83820	85650	
Wattisham	590	22719	82258	00514	28500	09506	82822		
Gorleston	497	82514	62802	99412	835//	10503	88925		
Aberporth	502	72924	78018	06412	784//	07015	86818	87630	
Filton	628	72919	70158	05713	785//	07115	85822	85645	
Rhoose	715	72925	68258	05813	785//	07114	86824	85635	
Hartland Point	703	53135	66018	08913	524//	07216	85815		
Mount Batten	827	63126	80031	10215	58501	07213	84820		
St.Mawgan	817	33027	81018	11614	38501	08114	82822		
Scilly	804	43124	65028	14315	48500	07218	83820		
Culdrose	809	53222	80028	12413	58301	07219	82708	84635	
Guernsey	894	42925	80258	10715	48402	08210	83815		
Elmdon	534	72620	82258	01513	785//	06310	85827	86640	
Cardington	559	72718	75028	01514	785//	08105	85825	86640	
Wittering	462	62518	84258	00013	685//	08106	83825	84640	
Watnall	354	82514	75808	99311	884//	10207	85818	88625	
Shawbury	414	72623	72808	00912	785//	08206	85822	87645	
Finningley	360	82216	65808	97111	884//	09501	86818	88640	
Spurn Point	396	82420	66258	96513	6857/	08706	83825	86630	87360
Leeming	257	62618	82028	93814	585/2	09804	84820	84070	
Tynemouth	262	62705	69258	92512	43534	11806	84925	86358	
Carlisle	222	72913	70258	93714	794//	10311	82710	82915	86645
Valley	302	62932	75152	03013	58462	09317	85818		
Ringway	334	82617	85638	98610	862//	09301	86704	88707	
Squires Gate	318	72826	70158	97913	5843/	10310	81714	84818	86359
Ronaldsway	204	72927	65258	99112	784//	07326	81816	85823	86632
Mull of Galloway	131	83230	60808	97711	834//	09228	88915		
Eskdalemuir	162	72614	70258	93311	785//	08212	85822	85645	
Prestwick	135	72812	70808	94312	794//	11214	81712	81915	83824
Abbotsinch	140	62714	70258	92612	5943/	09208	81916	83818	85645
Leuchars	171	52713	84031	90514	48530	08301	82822	83650	
Dyce	091	63607	75154	89815	6843/	08500	81712	83820	85640
Lerwick	005	81325	40636	92009	5722/	08501	85705	88535	
Wick	075	43209	83014	89912	28532	09003	81820		
Sule Skerry	010	53205	82021	90512	3346/	10103	81915	83820	85360
Cape Wrath	049	73402	81038	91211	4357/	10206	84920	87360	
Stornoway	026	83008	58808	92011	882//	10213	81705	84816	85625
Benbecula	022	73028	75258	94110	7946/	08232	82710	81914	85816
Tiree	100	73033	60258	94911	6846/	08222	82710	83816	85633
Aldergrove	917	63220	65806	00610	634//	07232	81712	81915	84822
Malin	980	62937	60258	00112	3347/	06228	83817	81917	85458
Belmullet	976	23026	70018	09512	23500	05221	82920	~~81920~~	
Birr	965	62919	81022	08712	685//	06213	85820		
Dublin	969	62830	80808	03512	624//	07222	86819		
Shannon	962	43130	75258	11614	23502	06222	82920	83075	
Roches Point	952	72833	70258	11513	38404	05008	83817	87073	
Valentia	953	73217	70258	15612	735//	09212	87923		

OBSERVATIONS at 18h. 29 September 1978

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	72817	64808	08310	635/2	07215	82920	85640	
Hurn	862	42813	75258	09113	48500	06209	82825		
Manston	797	72615	82028	04513	685/2	07213	81820	86640	
Gatwick	776	32716	82018	06612	28502	06214	81825		
Kew	775	62514	80018	05813	58631	05213	83830	83650	
Heathrow	772	62612	80018	05813	38632	07313	82832		
Honington	586	62515	86018	01911	685//	07212	82828	86645	
Wattisham	590	72719	82158	02811	785//	07217	83820	86630	
Gorleston	497	82620	66028	00313	835//	07208	88925		
Aberporth	502	63029	80028	08811	48532	05306	84820		
Filton	628	62915	62258	08710	59403	07315	81916	83820	
Rhoose	715	62919	72251	08612	48501	07314	82825	83635	85075
Hartland Point	703	53315	66626	10313	49430	07206	82912	83815	
Mount Batten	827	63020	70808	12913	39563	07313	82920	85359	
St.Mawgan	817	43025	80028	13413	38502	08207	82820		
Scilly	804	33229	65021	16013	38500	07306	83820		
Culdrose	809	43013	75018	14611	48401	06212	83818		
Guernsey	894	52926	75151	13013	48501	05210	84822		
Elmdon	534	32822	82018	04011	38500	05313	82825		
Cardington	559	62618	70252	03912	48532	07314	81820	84635	85072
Wittering	462	62716	82808	02311	685//	07213	82825	83635	85650
Watnall	354	72812	59808	02709	785//	06323	87820		
Shawbury	414	32817	81258	04610	39443	05317	81918		
Finningley	360	52722	75258	99411	58500	06317	82826	85650	
Spurn Point	396	62726	66028	97612	4347/	07213	83810	84630	86360
Leeming	257	72818	80158	97111	59433	07216	81918	85650	
Tynemouth	262	72718	80028	94511	6567/	08215	86630		
Carlisle	222	72814	80028	97510	4847/	08221	81714	83625	85359
Valley	302	63027	75158	06312	58562	05213	84824		
Ringway	334	62719	65258	02410	5353/	07216	81920	85826	
Squires Gate	318	72927	62258	02012	69432	07319	82713	84822	81922
Ronaldsway	204	52929	75258	02911	59500	04218	81922	83827	
Mull of Galloway	131	63237	70158	01310	694//	06217	84910	85820	
Eskdalemuir	162	72727	80028	96008	785//	05314	85820	86650	
Prestwick	135	73025	70028	97910	5837/	07023	81708	83815	85650
Abbotsinch	140	72814	80028	96810	5857/	07225	82820	83630	85645
Leuchars	171	82914	78618	93510	5552/	08324	81624	85634	88460
Dyce	091	82602	56618	93009	7522/	09321	81705	83618	86625
Lerwick	005	81222	40586	92210	852//	09305	84703	86706	88614
Wick	075	43105	75151	93009	29462	08219	81916	83360	
Sule Skerry	010	83209	82032	92610	885//	08212	82820	88625	
Cape Wrath	049	53403	81808	93610	32560	09214	83820	85360	
Stornoway	026	73114	68258	95110	784//	08319	85814	85630	
Benbecula	022	73030	61278	97510	783//	07312	81708	86812	85630
Tiree	100	73032	60258	99110	6346/	07218	81914	85818	
Aldergrove	917	33022	70158	04509	29533	05220	81920		
Malin	980	63134	62808	04310	634/3	07216	82712	85919	
Belmullet	976	53029	76808	11910	4346/	05213	84919	~~83919~~	
Birr	965	22916	80018	11609	28500	05213	81820		
Dublin	969	32817	75028	07909	39500	05223	83820	81920	
Shannon	962	53025	75808	14011	535/2	06210	83920	83645	
Roches Point	952	62924	80258	14311	534/2	06212	85817	81917	
Valentia	953	63116	75258	18012	62500	08209	86822		

OBSERVATIONS during DAY

Station	iii	$R_RT_xT_xE$	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	01141	050	pr.	pr.
Hurn	862	96161	053	pr.	pr.pr
Manston	797	92171	060	pr.	+
Gatwick	776	92161	052	jppr.	pr.
Kew	775	97160	050	pr.	pr.
Heathrow	772	91161	045	pr.pr	pr.
Honington	586	92151	040	pr.	pr.
Wattisham	590	97161	055	pr.	pr.
Gorleston	497		035		
Aberporth	502	94131	021	pr.	pr.
Filton	628	91141	028	pr.	pr.
Rhoose	715	97140	067	pr.	pr.
Hartland Point	703	96130	069		
Mount Batten	827	95151	092	+	pr.
St.Mawgan	817	97151	082	pr.	pr.
Scilly	804	00//0	081	+	+
Culdrose	809	95151	068	pr.	pr.
Guernsey	894	91171	075	pr.pr.pr.	pr.pr.
Elmdon	534	97131	027	pr.	pr.
Cardington	559	01151	033	pr.pr	pr.
Wittering	462	01141	025	pr.prpr.	pr.
Watnall	354	02121	009	pr.	pr.
Shawbury	414	97141	046	pr.	pr.
Finningley	360	01141	032	pr.pr	pr.pr
Spurn Point	396			pr.	+
Leeming	257	93151	037	pr.	pr.
Tynemouth	262	94151	034	prpr.	pr.
Carlisle	222	02141	024	pr.prphr	prpr.r.r.
Valley	302	94141	018	pr.	pr.
Ringway	334	08121	006	pr.prrrRpr.pr	pr.pr
Squires Gate	318	02131	009	pr.	pr.pr
Ronaldsway	204	97131	037	pr.	pr.
Mull of Galloway	131	05122			
Eskdalemuir	162	02121	011	pr.	pr.
Prestwick	135	02131	019	pr.pr	pr.pr
Abbotsinch	140	01141	020	pr.pr	pr.
Leuchars	171	07151	050	pr.pR	pr.prr.r.
Dyce	091	05151	046	pr.	pr.prrrr.
Lerwick	005	07102	000	rrr.r.	r.r.d.r.d.r.
Wick	075	91131	070	+	pr.
Sule Skerry	010	97131			
Cape Wrath	049	92122	063	pr.	pr.ir.
Stornoway	026	09121	003	pr.	pr.
Benbecula	022	04121	003	pr.pRpr	pr.ph.r.pr
Tiree	100	05121	010	prpR	pr.pr
Aldergrove	917	02121	033	r.d.pr.pr	pr.pRpr
Malin	980	0312	017		
Belmullet	976	0113	054		
Birr	965	9714	076		
Dublin	969	0213	055		
Shannon	962	0115	058		
Roches Point	952	9114	059		
Valentia	953	9414	049		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

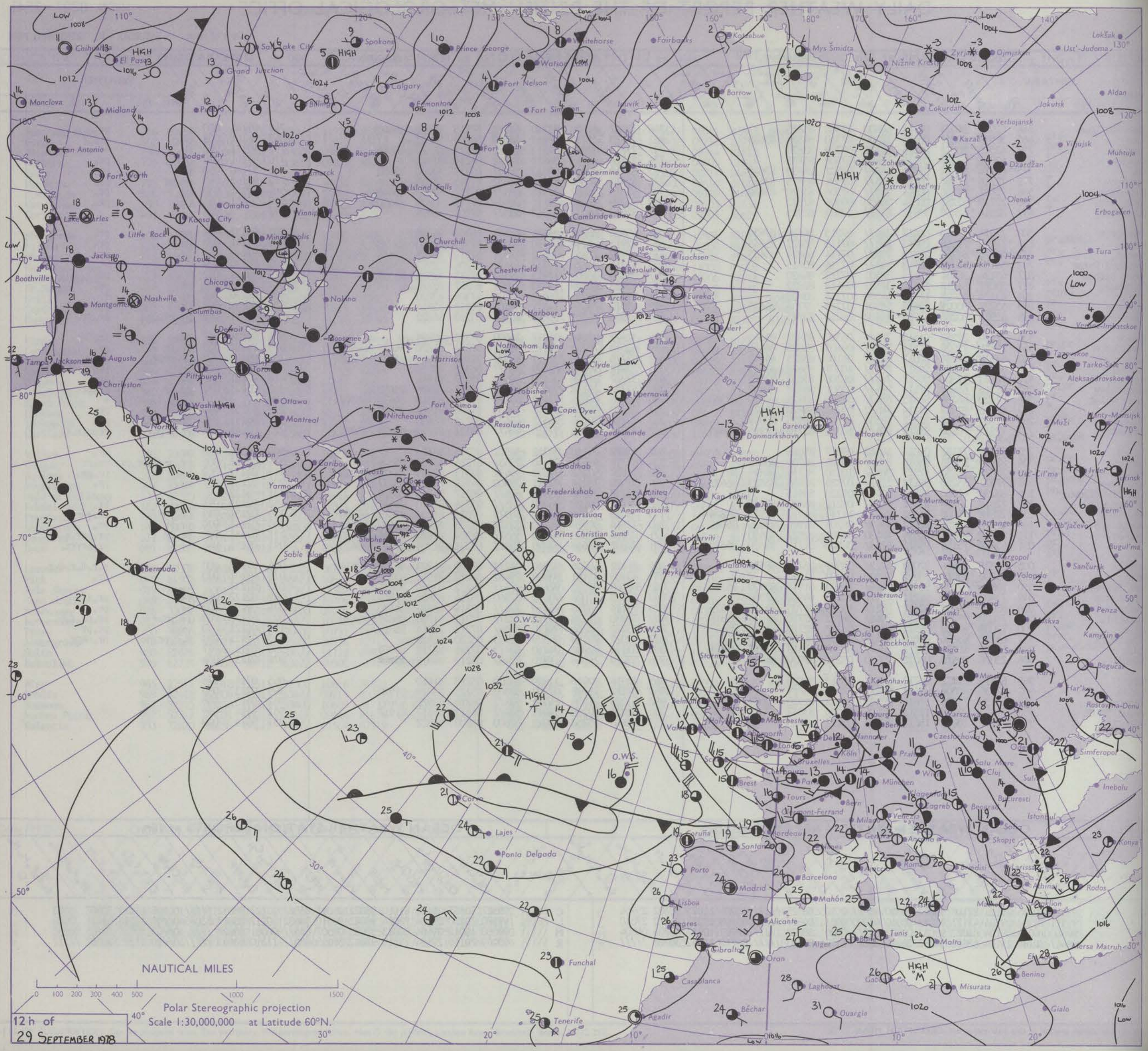
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	$YYGGi_w$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	29121	82108	98022	30310	855//	00805	88625	/////	05006	11075	30302	25904
L	99571	70202	29124	43127	98018	18610	42400	00311	84817	/////	0//08	11232	31112	27010
M	99660	10015	29124	81022	98032	09507	855//	00601	88628	/////	0//03	10957	30705	04804
R	99467	70164	29124	83621	97032	28416	856//	71115	88633	/////	0//10	11852	30908	/////

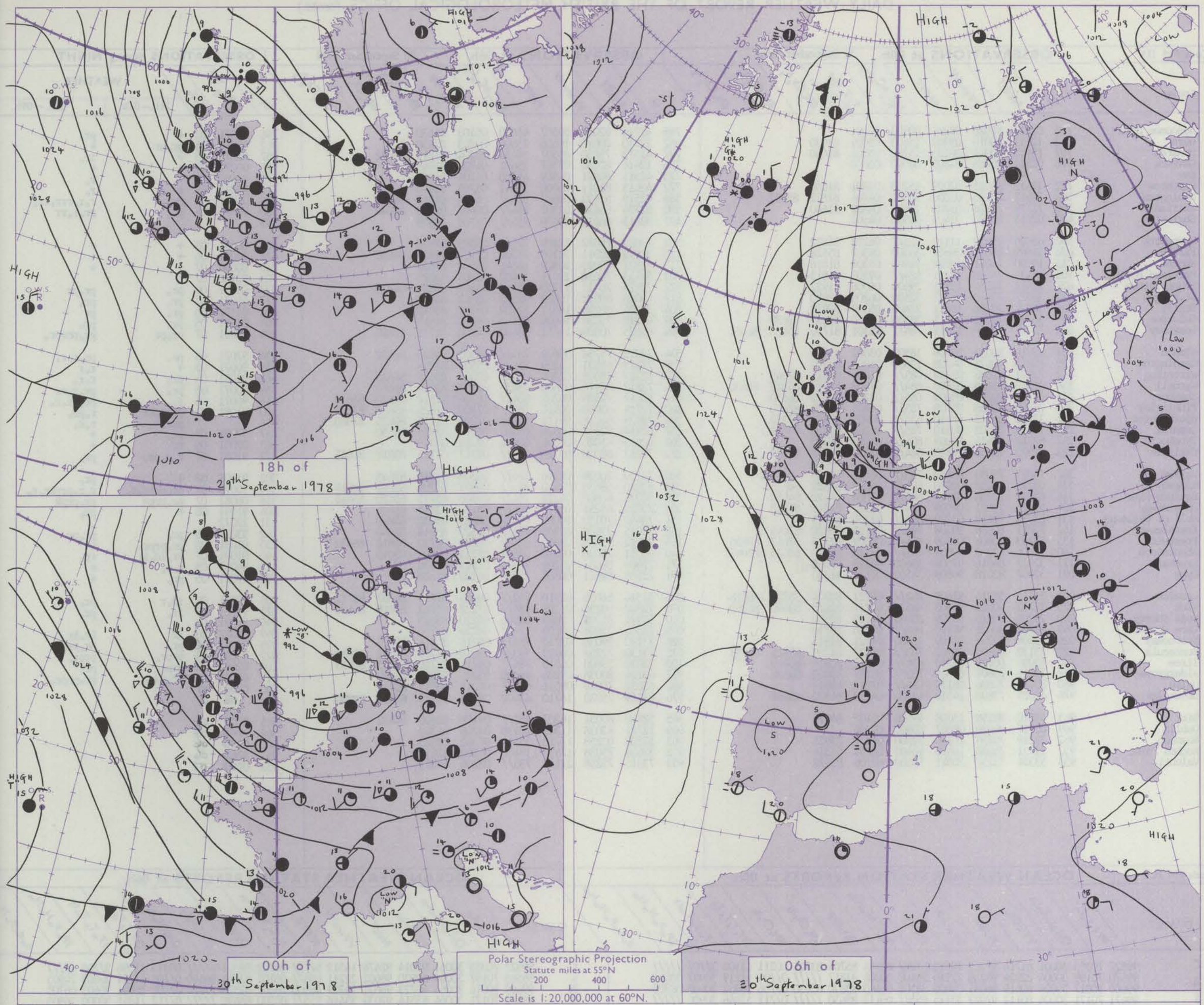
OCEAN WEATHER STATION REPORTS at 18h.

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	29181	81610	98022	26011	855//	00727	88632	/////	00108	11114	30403	28803
L	99570	70200	29184	73024	98022	20510	38402	00212	83817	83075	0//08	11218	31211	33008
M	99660	10012	29184	80823	98032	09507	855//	00501	88628	/////	0//03	10955	30705	00/00
R	99469	70169	29184	73519	97012	30115	785//	71310	88633	/////	0//10	11826	30907	/////

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 30 SEPTEMBER 1978

During the past 24 hours the depression north of Scotland extended further southeast into the North Sea and maintained the strong northwest airflow over the British Isles.

During the next 24 hours the depression in the North Sea will move slowly southeast into the Continent. The gradient will relax and a weak ridge of high pressure will move southeast into Ireland just ahead of the next frontal system.

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

Code FM 11.V

OBSERVATIONS at 00h. 30 September 1978

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	02813	80028	09208	00900	05001			
Hurn	862	12711	80018	09909	15600	05001	81630		
Manston	797	12412	80011	06108	15700	05501	81650		
Gatwick	776	02511	80028	07808	00900	05603			
Kew									
Heathrow	772	12612	81021	07009	15700	05701	81656		
Honington	586	52517	80038	03008	58500	04704	81822	85632	
Wattisham	590	12519	82028	03708	15600	04802	81640		
Gorleston	497	02618	66028	01409	00900	04504			
Aberporth	502	63026	75022	11110	625//	06203	86822		
Filton	628	52809	80031	09809	55500	06307	85628		
Rhoose	715	13020	75021	10009	11400	05304	81816		
Hartland Point	703	63435	74808	12211	624//	09303	86815		
Mount Batten	827	22918	70258	13711	29500	06006	81922		
St.Mawgan	817	33027	75018	15211	32500	06206	83820		
Scilly	804	23326	70258	18011	22400	05209	82818		
Culdrose	809	33220	70258	16111	38500	04110	81820	83638	
Guernsey	894	73025	65258	13911	784//	05301	81710	85820	86635
Elmdon	534	22614	80038	05409	18502	03802	81825		
Cardington	559	12415	70028	04708	15600	05805	81640		
Wittering	462	72621	82038	02709	785//	05806	81825	87645	
Watnall	354	82513	65808	02608	884//	07602	82710	84818	88630
Shawbury	414	62715	80258	05609	685//	05202	81820	86650	
Finningley	360	72619	80038	99709	785//	06804	84826	87656	
Spurn Point	396	72720	66818	98610	6357/	07705	86925	87360	
Leeming	257	72814	70802	98510	785//	06205	83826	87650	
Tynemouth	262	82818	69616	96009	8062/	07206	88530		
Carlisle	222	62912	75256	99810	684//	07313	82818	86630	
Valley	302	73027	75038	08010	785//	06107	86820		
Ringway	334	62721	65258	02910	685//	06002	83822	86635	
Squires Gate	318	62925	70258	02911	685//	07004	84822	84650	
Ronaldsway	204	62825	75021	04909	624//	05310	82816	86822	
Mull of Galloway	131	83232	70818	03209	894//	07301	88915		
Eskdalemuir	162	72817	80038	99208	785//	05115	85820	87645	
Prestwick	135	83123	70808	00509	884//	09009	83713	87817	88635
Abbotsinch	140	72606	62258	99509	785//	07110	81820	85625	87645
Leuchars	171	32811	86016	97509	35600	06218	83640		
Dyce	091	32907	82018	96809	38500	07118	81820		
Lerwick	005	81115	58216	97409	852//	08221	83704	85708	88618
Wick	075	72702	80028	96808	4853/	07217	82820	83640	86360
Sule Skerry	010	23206	86016	96309	20940	08219	82360		
Cape Wrath	049	83207	80026	96910	864//	08216	88710		
Stornoway	026	13108	70258	98709	18400	08221	81815		
Benbecula	022	73132	60808	00910	783//	09327	81709	85815	87633
Tiree	100	83035	60028	01710	834//	08212	83916	88640	
Aldergrove	917	73018	70808	06908	785//	06107	83820	86628	
Malin	980	83038	70808	06110	834//	07213	88919		
Belmullet	976	43025	72808	14510	43500	04210	84920	~~83920~~	
Birr	965	43010	80258	15008	49500	05107	84920		
Dublin	969	02717	84020	09807	00900	04206			
Shannon	962	33219	70258	16310	39500	06211	83925		
Roches Point	952	12921	75028	16610	18400	05201	81816		
Valentia	953	53314	75258	20011	53500	08106	85922		

OBSERVATIONS at 06h. 30 September 1978

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	42716	82030	09507	45600	05103	84630		
Hurn	862	22810	80010	10508	25600	04203	82630		
Manston	797	42513	75030	05507	18454	05704	81815	83072	
Gatwick	776	12616	82030	07507	15631	04702	81645		
Kew	775	42511	80021	06509	45700	04704	84650		
Heathrow	772	42615	81011	06608	35641	05704	83648		
Honington	586	82519	57638	01607	884//	06706	84816	88624	
Wattisham	590	82724	65638	02307	854//	06607	82618	88640	
Gorleston	497	82615	66818	99609	855//	06708	88625		
Aberporth	502	73025	75032	12209	725//	05305	87820		
Filton	628	32815	80011	10109	38500	05106	81820	83628	
Rhoose	715	12921	70020	10309	18541	05500	81820		
Hartland Point	703	53433	74038	13411	52400	08206	85815		
Mount Batten	827	72919	70818	15210	725//	05307	84820	84828	
St.Mawgan	817	43028	80018	16010	42500	05302	84822		
Scilly	804	33224	80258	18611	32400	06206	83818		
Culdrose	809	43218	75038	16609	48400	04502	84818		
Guernsey	894	63025	70808	14611	68400	04208	81711	85820	
Elmdon	534	72819	75258	05609	785//	05303	84820	86632	
Cardington	559	72519	68031	04209	756//	05503	87635		
Wittering	462	82722	78608	02709	854//	07303	85614	88625	
Watnall	354	72812	81618	02609	754//	07303	83714	86616	
Shawbury	414	82817	70608	06209	884//	06306	82817	86620	88650
Finningley	360	72714	80038	00910	785/2	07209	81825	83630	87635
Spurn Point	396	72825	66218	99111	6547/	07209	81715	86625	87360
Leeming	257	62910	82018	00809	68500	06214	82825	85650	
Tynemouth	262	52913	81026	00009	40934	07214	84358		
Carlisle	222	73213	80028	02110	784//	08317	81713	83818	86645
Valley	302	73130	70028	09310	784//	06209	85818	87645	
Ringway	334	82820	59638	03410	883//	08001	81709	83812	88618
Squires Gate	318	83026	60808	04211	7847/	09308	83715	85820	85645
Ronaldsway	204	73028	65251	05910	784//	05110	83816	85826	
Mull of Galloway	131	73440	70158	06009	794//	08223	83910	84820	
Eskdalemuir	162	73015	75808	02309	784//	06320	85818	87640	
Prestwick	135	73122	75028	03910	6843/	08223	81710	85818	86632
Abbotsinch	140	63011	75036	03210	58501	07225	83822	85645	
Leuchars	171	72406	86031	01208	756//	07223	87636		
Dyce	091	23108	82011	00807	15531	06220	81620		
Lerwick	005	81316	56028	02910	862//	09334	81704	86707	88712
Wick	075	72802	80256	01107	784//	07222	81712	83818	86630
Sule Skerry	010	52921	81201	00009	55500	08220	85625		
Cape Wrath	049	72305	75606	00709	774//	08220	87710		
Stornoway	026	73110	59038	01710	784//	09216	84816	85625	
Benbecula	022	73130	72258	04410	783//	09214	81709	84812	87630
Tiree	100	73032	59808	05510	784//	08215	82710	83815	86633
Aldergrove	917	43124	80038	09208	48500	05215	82820	83630	
Malin	980	63032	70018	09511	634//	06211	85819	81919	
Belmullet	976	43119	75038	16710	43400	04205	81717	83920	~~82920~~
Birr	965	52810	80031	16207	585//	04108	82820	84632	
Dublin	969	12721	83038	11307	10930	04208	81360		
Shannon	962	33220	80258	17710	33560	07302	82923		
Roches Point	952	33028	75038	17510	18402	06208	81816		
Valentia	953	73316	75258	21112	735//	08206	87921		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_hE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	97071	02	+	pr₀
Hurn	862	93070	05	pr₀pr	+
Manston	797	91071	05	+	ir₀
Gatwick	776	00071	04	+	+
Kew	775	97080	06	+	r₀
Heathrow	772	97071	05	+	r₀
Honington	586	04071	07	pr₀	r₀r₀rrr₀ir₀
Wattisham	590	02071	06	pr₀	rr₀r₀rr
Gorleston	497				
Aberporth	502	00091	08	+	+
Filton	628	00081	06	+	+
Rhoose	715	00090	07	+	+
Hartland Point	703	92100	07		
Mount Batten	827	02081	06	pr₀	pr₀pr
St.Mawgan	817	01071	07	pr₀	pr₀
Scilly	804	01101	08	pr₀	pr
Culdrose	809	01081	05	pr₀	pr₀
Guernsey	894	01091	07	pr₀pr	pr₀phrpr₀
Elmdon	534	97071	06	pr₀	pr₀r₀r₀
Cardington	559	96071	05	+	r₀r
Wittering	462	91081	06	pr₀	r₀r₀
Watnall	354	05071	05	pr₀	pr₀r₀r₀
Shawbury	414	96071	04	pr₀	pr₀rr₀r₀
Finningley	360	01091	07	pr₀r₀Rr	r₀pr₀
Spurn Point	396			prr₀r₀	r₀r₀
Leeming	257	97091	07	pr₀	+
Tynemouth	262	02081	06	rr	+
Carlisle	222	91091	07	r₀r₀pr₀	pr₀
Valley	302	91101	08	+	pr₀
Ringway	334	12071	07	pr₀prpr₀r₀	r₀r₀prrRr₀r₀
Squires Gate	318	08081	07	pr₀prpR	pr₀prpR
Ronaldsway	204	91091	08	+	pr₀
Mull of Galloway	131	22072			
Eskdalemuir	162	93071	05	pr₀	pr₀pr
Prestwick	135	01091	08	pr₀prpr₀	+
Abbotsinch	140	01091	07	pr₀id₀ir₀	ir₀
Leuchars	171	94081	05	r₀r₀	+
Dyce	091	97071	05	pr₀	+
Lerwick	005	92091	08	id₀r	pr₀
Wick	075	91061	03	ir₀	pr₀
Sule Skerry	010	97091	02		
Cape Wrath	049	05082	06	ir	ir₀ir
Stornoway	026	07082	06	pr₀	pr₀prpr₀
Benbecula	022	03091	09	prpr₀	prpr₀
Tiree	100	02091	07	prpr₀	pr₀
Aldergrove	917	02081	06	pr₀pRpr₀	pr₀prpr₀
Malin	980	0209	07		
Belmullet	976	08	07		
Birr	965	9707	04		
Dublin	969	9706	04		
Shannon	962	0309	06		
Roches Point	952	9709	06		
Valentia	953	0209	07		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	30001	81714	97615	19512	8722/	00744	85704	83521	00211	11100	3//07	/////
L	99570	70199	30004	22924	98258	22110	28400	00008	81817	/////	0//06	11219	30907	33007
M	99660	10017	30004	60619	98031	09808	58502	00103	83820	85630	0//06	10952	30603	08705
R	99471	70171	30004	80112	97022	33115	855//	00112	88630	/////	0//11	11846	30906	/////

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	30061	92014	92476	14512	9////	00722	89/01	/////	00313	11096	3//08	/////
L	99569	70197	30064	82920	98602	22211	6547/	00101	83715	86640	0//08	11221	30805	24905
M	99660	10016	30064	40723	98031	10709	48500	00307	83820	/////	0//06	10951	30603	08705
R	99470	70171	30064	83514	97032	33416	855//	00500	88630	/////	0//12	11841	30000	36905

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