THE DAILY WEATHER REPORT

83

(INTRODUCTION)

1st April to 30th June, 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 sss RRT_nT_nE T_gT_g
N = Total amount of cloud in eighths (Table 1). dd = Wind direction on scale 01–36 (see also Table 2). ff = Wind speed in knots.	VV = Visibility (Table 3). ww = Present weather (Table 5). W = Past weather (Table 4).	PPP = Last three figures of pressure (reduced to M.S.L.) in millibars and tenths. TT = Temperature in whole degrees Celsius. *Note:*— In reports from ocean weather stations (FM 21V) only the tens and units figure of air temperature are reported. The tenths figure is reported by t_T.	N_h = Fraction of celestial dome covered by C_L (or C_M if no C_L). C_L = Form of low cloud (Table 6). h = Height above ground of base of lowest cloud (Table 9). C_M = Form of Medium Cloud (Table 7). C_H = Form of high cloud (Table 8).	T_dT_d = Dew point temperature in whole degrees Celsius. a = Characteristic of barometric tendency (Table 10). pp Barometric tendency (change of pressure in last three hours in tenths of millibars).	8 = Indicator figure. N_s = Amount in eighths of individual cloud layer or mass (Table 1). C = Type of cloud (Table 11). h_sh_s = Height of base of cloud (Table 12).	RR = Rainfall (Table 19) (Code 3577) (09h–21h) (21h–09h). T_xT_x = Maximum temperature in whole degrees Celsius (09h–21h). T_nT_n = Minimum temperature in whole degrees Celsius (21h–09h). T_gT_g = Minimum temperature on grass in whole degrees Celsius (21h–09h). sss = Duration of sunshine (in hours and tenths) E = State of ground (Table 13) (Code 0900) (at 21h and 09h).

CODE FM 21 V—Ships								
$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	$YYGGi_w$	Followed by first four groups as in **FM 11V** above.	D_s v_s a pp	O T_sT_s T_dT_d	$1T_wT_wT_wt_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
99 = Indicator group. $L_aL_aL_a$ = Latitude in tenths of a degree.	Q_c = Quadrant of the globe (Table 17). $L_oL_oL_oL_o$ = Longitude in tenths of a degree.	YY = Day of the month. GG = Actual time to the nearest whole hour G.M.T. i_w = Wind indicator (Table 18).		D_s = Direction of movement of ship (Table 14). v_s = Speed of ship in knots (Table 15). a = Characteristic of barometric tendency (Table 10). pp = Barometric tendency (change of pressure in last three hours in tenths of millibars).	O = Indicator figure. T_sT_s = Difference between air temperature and sea temperature in ½ degree Celsius. (If the air temperature is less than the sea temperature, 50 is added to the difference.) T_dT_d = Dew point temperature in whole degrees Celsius.	1 = Indicator figure. $T_wT_wT_w$ = Sea surface temperature in tenths of a degree Celsius. For negative temperatures 500 is added. t_T = The tenths figure of the air temperature.	3 = Indicator figure. P_wP_w = Period of waves in seconds. H_wH_w = Height of the waves in units of 0·5 metre. This group refers to wind waves. If there is a swell with no wind waves this group is reported as 3//00.	d_wd_w = Direction (in tens of degrees) from which waves come. P_w Period of waves (Table 16). H_wH_w Height of the waves in units of 0·5 metre. This group is used to report swell when it is possible to make a clear distinction between swell and wind waves.

Table 1.—Code for Cloud Amount (N, N_h, N_s)

0 = None.

1 = 1 eighth of sky covered or less, but not zero.

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

7 = 7 eighths of sky covered or more, but not 8 eighths.

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

Note.—"Trace" would be included under Figure 1, which should be used for amounts up to 1/8th (i.e., not up to 3/16ths). "Overcast but with openings" would be included under Figure 7, which should be used for amounts down to 7/8ths (i.e., not down to 13/16ths).

Table 2.—Degrees and Code Figures (dd) corresponding to compass directions

Direction (Compass Points)	Exact equivalent in degrees	Code figures dd	Direction (Compass Points)	Exact equivalent in degrees	Code figures dd
Calm	—	00			
N'E.	11½	01	S'W.	191¼	19
NNE.	22½	02	SSW.	202½	20
NE'N.	33¾	03	SW'S.	213¾	21
NE.	45	05	SW.	225	23
NE'E.	56¼	06	SW'W.	236¼	24
ENE.	67½	07	WSW.	247½	25
E'N.	78¾	08	W'S.	258¾	26
E.	90	09	W.	270	27
E'S	101¼	10	W'N.	281¼	28
ESE.	112½	11	WNW.	292½	29
SE'E.	123¾	12	NW'W.	303¾	30
SE.	135	14	NW.	315	32
SE'S.	146¼	15	NW'N.	326¼	33
SSE.	157½	16	NNW.	337½	34
S'E.	168¾	17	N'W.	348¾	35
S.	180	18	N.	360	36

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

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

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

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

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

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

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

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

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

00–19 No precipitation at the station at the time of observation.	00	Cloud development not observed.
	01	Clouds generally dissolving or becoming less developed.
	02	State of sky on the whole unchanged.
	03	Clouds generally forming or developing.
		(01, 02, 03: Characteristic change of the state of the sky during the past hour.)
	04	Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.
	05	Haze
	06	Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
	07	Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen; or in the case of ships, blowing spray at the station.
	08	Well developed dust whirl(s) or sand whirl(s) seen at or near the station during the preceding hour, but no duststorm or sandstorm.
	09	Duststorm or sandstorm within sight of the station or at the station during the preceding hour.
	10	Mist.
	11	Shallow fog or ice fog, in patches.
	12	Shallow fog or ice fog, more or less continuous.
		(11, 12: Fog not deeper than about 2 metres on land or 10 metres at sea.)
	13	Lightning visible, no thunder heard.
	14	Precipitation within sight, not reaching the ground or the surface of the sea.
	15	Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km) from the station.
	16	Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.
	17	Thunderstorm, but no precipitation at time of observation.
	18	Squalls.
	19	Funnel cloud(s)†
		(18, 19: at or within sight of the station during the preceding hour or at the time of observation.)
20–29 Precipitation, fog or thunderstorm at station during the last hour but not at time of observation.	20	Drizzle (not freezing), or snow grains.
	21	Rain (not freezing).
	22	Snow.
	23	Rain and snow or ice pellets type (a).
	24	Freezing drizzle or freezing rain.
		(20–24: Not falling as shower(s).)
	25	Shower(s) of rain.
	26	Shower(s) of snow, or of rain and snow.
	27	Shower(s) of hail*, or of hail and rain.
	28	Fog or ice fog.
	29	Thunderstorm (with or without precipitation).
30–39 Duststorms, Sandstorms, drifting or blowing snow.	30	Slight or moderate duststorm or sandstorm. has decreased during preceding hour.
	31	Slight or moderate duststorm or sandstorm. no appreciable change during preceding hour.
	32	Slight or moderate duststorm or sandstorm. has begun or has increased during preceding hour.
	33	Severe duststorm or sandstorm. has decreased during preceding hour.
	34	Severe duststorm or sandstorm. no appreciable change during preceding hour.
	35	Severe duststorm or sandstorm. has begun or has increased during preceding hour.
	36	Slight or moderate drifting snow.
	37	Heavy drifting snow. (36, 37: generally low.)
	38	Slight or moderate blowing snow.
	39	Heavy blowing snow. (38, 39: generally high.)
40–49 Fog or ice fog at time of observation.	40	Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.
	41	Fog or ice fog in patches.
	42	Fog or ice fog, sky discernible.
	43	Fog or ice fog, sky not discernible. (42, 43: has become thinner during the preceding hour.)
	44	Fog or ice fog, sky discernible.
	45	Fog or ice fog, sky not discernible. (44, 45: no appreciable change during the preceding hour.)
	46	Fog or ice fog, sky discernible.
	47	Fog or ice fog, sky not discernible. (46, 47: has begun, or has become thicker during the preceding hour.)
	48	Fog, depositing rime, sky discernible.
	49	Fog, depositing rime, sky not discernible.
50–59 Drizzle at time of observation.	50	Drizzle, not freezing, intermittent.
	51	Drizzle, not freezing, continuous. (50, 51: slight at time of observation.)
	52	Drizzle, not freezing, intermittent.
	53	Drizzle, not freezing, continuous. (52, 53: moderate at time of observation.)
	54	Drizzle, not freezing, intermittent.
	55	Drizzle, not freezing, continuous. (54, 55: heavy (dense) at time of observation.)
	56	Drizzle, freezing, slight.
	57	Drizzle, freezing, moderate or heavy (dense).
	58	Drizzle and rain, slight.
	59	Drizzle and rain, moderate or heavy.
60–69 Rain at time of observation.	60	Rain, not freezing, intermittent.
	61	Rain, not freezing, continuous. (60, 61: slight at time of observation.)
	62	Rain, not freezing, intermittent.
	63	Rain, not freezing, continuous. (62, 63: moderate at time of observation.)
	64	Rain, not freezing, intermittent.
	65	Rain, not freezing, continuous. (64, 65: heavy at time of observation.)
	66	Rain, freezing, slight.
	67	Rain, freezing, moderate or heavy.
	68	Rain or drizzle, and snow, slight.
	69	Rain or drizzle and snow, moderate or heavy.
70–79 Solid precipitation not in showers.	70	Intermittent fall of snow flakes.
	71	Continuous fall of snow flakes. (70, 71: slight at time of observation.)
	72	Intermittent fall of snow flakes.
	73	Continuous fall of snow flakes. (72, 73: moderate at time of observation.)
	74	Intermittent fall of snow flakes.
	75	Continuous fall of snow flakes. (74, 75: heavy at time of observation.)
	76	Ice prisms (with or without fog).
	77	Snow grains (with or without fog).
	78	Isolated starlike snow crystals (with or without fog).
	79	Ice pellets type (a).
80–90 Showery precipitation	80	Rain shower(s), slight.
	81	Rain shower(s), moderate or heavy.
	82	Rain shower(s), violent.
	83	Shower(s) of rain and snow, slight.
	84	Shower(s) of rain and snow, moderate or heavy.
	85	Snow shower(s), slight.
	86	Snow shower(s), moderate or heavy.
	87	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. slight
	88	Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. moderate or heavy.
	89	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. slight.
	90	Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. moderate or heavy.
91–99 Precipitation with current or recent thunderstorm	91	Slight rain at time of observation.
	92	Moderate or heavy rain at time of observation.
	93	Slight snow, rain and snow mixed, or hail* at time of observation.
	94	Moderate or heavy snow, rain and snow mixed or hail* at time of observation.
	95	Thunderstorm, slight or moderate, without hail* but with rain and/or snow at time of observation.
	96	Thunderstorm, slight or moderate, with hail* at time of observation.
	97	Thunderstorm, heavy, without hail*, but with rain and/or snow at time of observation.
	98	Thunderstorm combined with duststorm or sandstorm at time of observation.
	99	Thunderstorm, heavy, with hail* at time of observation.
		(91–96, 98: thunderstorm during the preceding hour, but not at time of observation. 97, 99: 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. } atmospheric pressure now higher than 3 hrs ago.

2 = Increasing (steadily or unsteadily). } atmospheric pressure now higher than 3 hrs ago.

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. } atmospheric pressure now lower than 3 hrs ago.

7 = Decreasing (steadily or unsteadily). } atmospheric pressure now lower than 3 hrs ago.

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 } wind speed in metres per second
1 = wind speed obtained by anemometer } wind speed in metres per second
3 = wind speed estimated } wind speed in knots
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 ⅛ covered. Sky ¼ covered. Sky ⅜ covered. Sky ½ covered. Sky ⅝ covered. Sky ¾ covered. Sky ⅞ 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. 270

MONTHLY SUMMARY

For JUNE 1978

CHANGEABLE; OFTEN COOL

During the first few days high pressure to the east maintained a light south to southeasterly airstream over the British Isles but on the 4th and 5th fronts associated with a depression off western Ireland crossed all districts. A series of fronts and intervening weak ridges then moved across the British Isles from the west and the last cold front of this series cleared southern England early on the 9th. By this time an anticyclone in mid-Atlantic had ridged well to the north and during the next two days a separate centre developed within the ridge and moved southeastwards towards the British Isles. Late on the 11th and during the 12th cold air spread southwards to all districts as the anticyclonic centre drifted northeastwards. The north to northeasterly airstream persisted for a time but was replaced by variable winds on the 14th and 15th as fronts encroached from the west and a trough of low pressure developed across the British Isles from a depression to the south of Iceland. Secondary centres formed within the trough but by the 16th one of these over northern France had become the main centre and subsequently this drifted slowly eastwards. On the 17th and 18th a ridge of high pressure which extended from an anticyclone in mid-Atlantic crossed the British Isles from the northwest and was followed by a cold front on the 19th. The front cleared southeast England early on the 20th as another frontal system reached northwest Scotland and moved slowly southeastwards. A complex depression developed over Ireland on the 21st and subsequently drifted rather erratically northeastwards. By the 24th the depression was centred over southern Norway and all districts lay in a north to northwesterly airstream. From the 25th to the 30th frontal systems and intervening ridges crossed the British Isles from time to time mainly from northwest to southeast.

Eastern Wales, southern Scotland and many parts of England had showers on the 1st. Some of the showers were heavy and prolonged and there were scattered thunderstorms. Elsewhere it was mostly dry. Drier weather predominated during the next few days and there were clear or sunny periods in many districts. However, widespread fog occurred during the night of the 1st/2nd and sea fog encroached on western coastal districts on the 2nd and on parts of northeastern England and eastern and northern Scotland on the 4th. It was mostly warm by day and several places in northwestern England and North Wales had maximum temperatures of around 28°C (82°F) on the 1st. Rain or thunderstorms on the 4th heralded a spell of changeable weather: outbreaks of rain, interspersed with clear or sunny periods. It became progressively cooler especially when air from the Arctic reached the British Isles on the 12th. Between the 12th and 14th it was rather cloudy but rainfall was mostly slight. On the 15th rain spread into Wales and into much of southern and central England and was occasionally heavy and thundery in the southeast. Many places in southern England and South Wales had clear periods during the night of the 15th/16th and fog was widespread. Ground frost occurred in central southern England. On the 16th and 17th outbreaks of rain in Wales and much of England were heavy locally and there were scattered thunderstorms. Northeastern England and eastern Scotland were often cloudy and a little rain fell at times but remaining districts had long clear or sunny periods and it was hot in parts of the Highlands on the 17th. The 18th was mostly dry and much of England and Wales was sunny. On the following day northern districts had rain at times but elsewhere there were sunny periods, scattered showers and isolated thunderstorms. Changeable weather then returned and lasted until the end of the month. Thunderstorms occurred at times but more frequently in the south than elsewhere. The 26th was mainly dry and there were sunny periods in the west and north. Parts of eastern England had ground frost on the night of the 26th/27th. Between the 15th and 20th daytime temperatures were variable but nights remained rather cool. During the last ten days it was often rather cool both by day and by night.

Over England and Wales monthly mean temperatures were mostly 0.5°C to 1.5°C below average. Elsewhere they were mostly 0 to 0.5°C below average.

Rainfall amounts were rather variable. Most places in Northern Ireland, Wales and Scotland had about 50 to 100 per cent of average. In parts of North Wales and in the Forth-Clyde valley rainfall was a little above average. In England percentages ranged from 50 to over 200. The distribution was very erratic due to the thundery nature of some of the rainfall.

Sunshine totals were mostly near or below average.

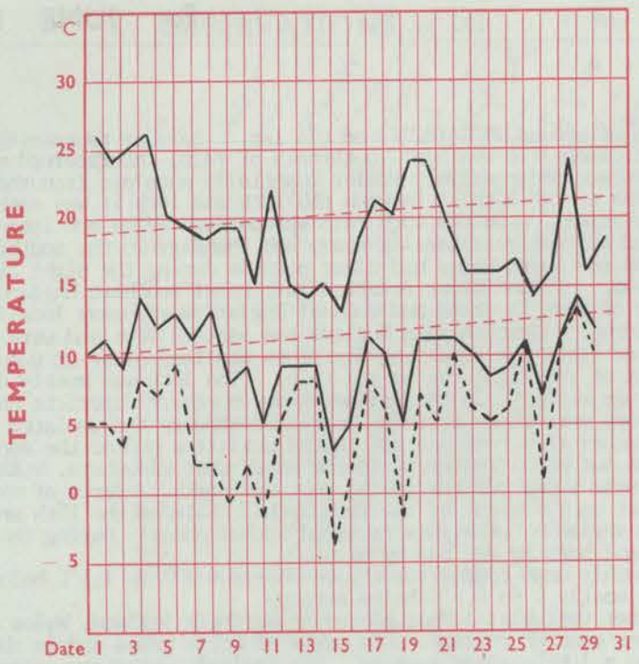
PLACE	TEMPERATURE										SUNSHINE										RAINFALL											
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C	No. of air frosts	Days of no sunshine	Maximum duration hrs.	Date	Total 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	18.9	-0.6	09.7	-0.5	26.3	01	03.4	15	04	00	02	15.0	18	186	087	1880	302	1975	105	1909	20	10	15	041	088	1866	183	1903	01	1925	03	00	00
Thorney Island	18.7	-1.3	08.4	-0.6	26.4	04	03.0	19	02	00	01	12.2	19	160	078	1949	292	1957	134	1964	19	11	15	040	089	1947	128	1958	04	1962	03	00	00
Cardington	18.2	-1.2	08.9	-0.6	25.0	19	02.4	16	05	00	00	15.2	18	195	094	1933	323	1975	138	1977	18	12	22	037	079	1931	132	1971	05	1962	00	00	00
Boscombe Down	17.1	-2.1	09.5	-1.2	24.0	03	05.6	(a)	00	00	01	15.1	18	214	103	1954	323	1957	140	1972	17	09	21	035	060	1954	151	1971	05	1975	01	00	00
Rhoose	17.1	-0.5	10.4	-0.7	23.8	18	06.1	10	00	00	01	15.3	(a)	216	097	1921	380	1925	153	1972	17	15	03	047	083	1921	145	1968	00	1925	01	00	00
Mount Batten	17.8	-1.3	09.0	-0.2	25.5	01	02.2	13	01	00	02	12.8	11	141	072	1945	291	1957	126	1971	15	09	15	040	081	1941	105	1958	07	1942	02	00	00
Elmdon	16.1	-0.7	10.0	-0.4	25.4	04	05.7	13	00	00	02	15.3	18	163	074	1946	305	1975	147	1955	15	17	15	047	085	1941	111	1965	01	1942	00	00	00
Valley	16.7	-2.1	10.2	+0.3	27.6	01	05.8	13	00	00	04	15.6	18	146	076	1945	285	1957	117	1964	14	13	01	065	106	1942	137	1958	12	1942	02	00	00
Ringway	17.1	-2.0	09.3	-0.1	27.0	01	06.1	09	00	00	05	12.7	03	154	083	1948	261	1960	108	1964	18	28	15	112*	212	1942	105	1966	08	1975	02	00	00
Watnall	18.3	-1.4	09.2	-0.6	27.6	01	05.7	19	00	00	03	13.5	03	163	084	1958	260	1960	126	1958	16	12	15	059	127	1958	120	1958	05	1976	03	00	00
Finningley	14.9	-0.8	09.7	-0.4	23.0	02	07.4	13	00	00	04	12.8	03	169	094	1937	265	1949	104	1954	20	11	22	051	112	1864	115	1966	02	1865	00	00	00
Tynemouth	16.3	-0.3	06.5	-0.7	26.7	01	-01.0	20	06	01	04	15.9	18	163	099	1911	276	1957	082	1912	16	13	22	051	050	1911	260	1931	23	1921	01	00	00
Eskdalemuir	17.8	-0.1	08.9	-0.4	27.4	01	04.0	13	03	00	00	15.6	18	189	104	1921	267	1957	089	1966	19	45	04	073	122	1921	129	1928	10	1925	02	00	00
Abbotsinch	16.4	-0.3	08.4	-0.4	23.2	02	03.0	(b)	01	00	02	15.0	17	209	108	1922	264	1949	109	1966	19	13	21	042	092	1922	115	1931	07	1940	00	00	00
Leuchars	16.1	0.0	08.0	+0.1	25.4	02	03.5	14	03	00	02	12.2	01	155	089	1941	245	1970	095	1966	16	14	22	040	071	1941	123	1948	19	1976	00	00	00
Dyce	13.8	-1.0	08.5	0.0	22.8	01	03.6	13	00	00	02	15.2	13	163	094	1880	278	1970	092	1942	13	10	19	052	079	1943	107	1944	27	1949	00	00	00
Stornoway	16.5	-0.9	09.0	-0.2	24.1	01	04.9	13	01	00	04	15.8	17	140	080	1927	287	1957	109	1966	15	08	30	041	062	1927	120	1966	11	1941	00	00	00
Aldergrove																																		

(a) 10, 13
(b) 13, 17

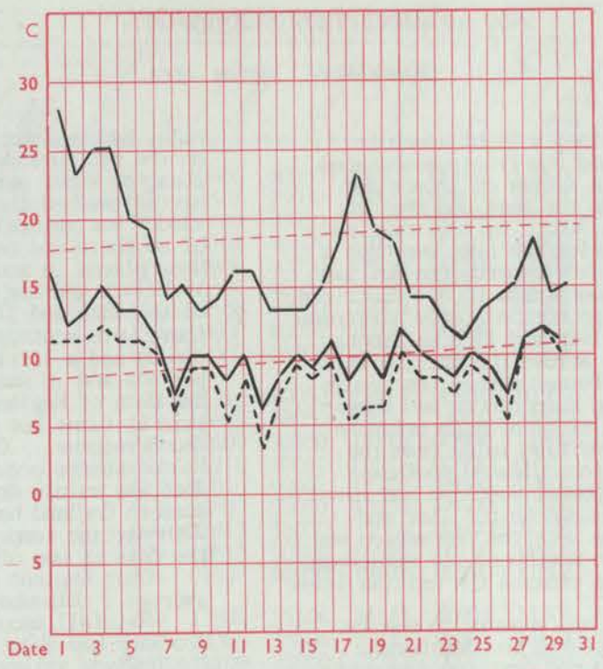
(a) 11, 18

* New highest

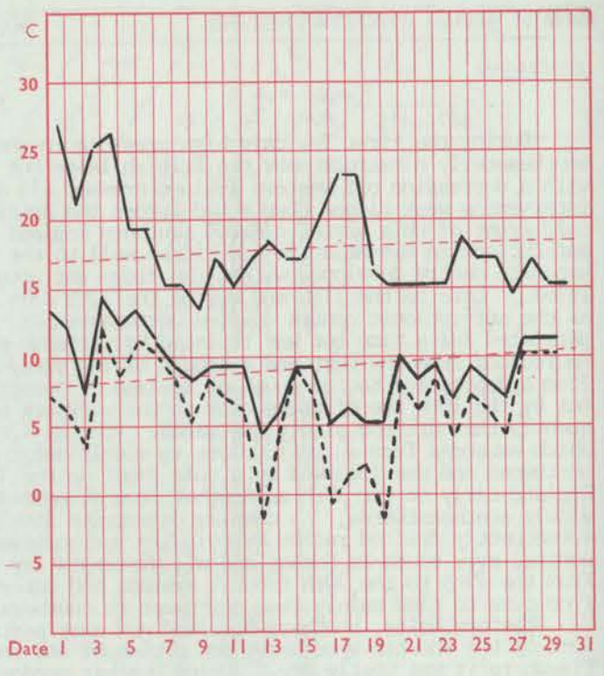
LONDON (Kew)



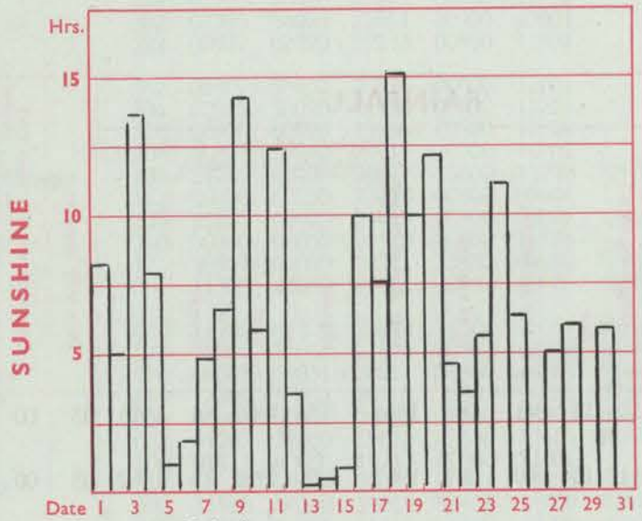
MANCHESTER (Ringway)



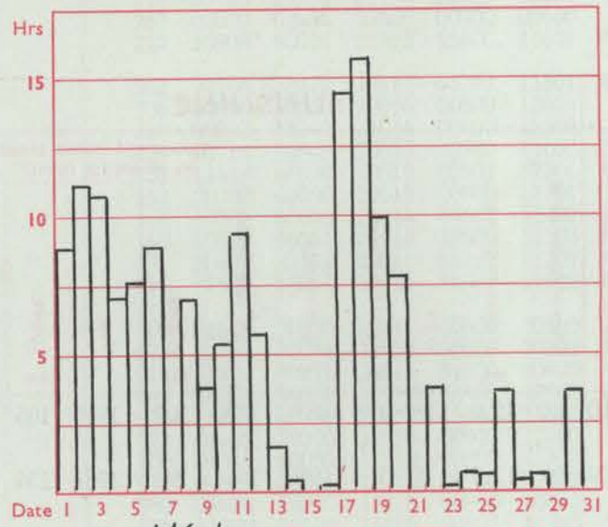
GLASGOW (Abbotsinch)



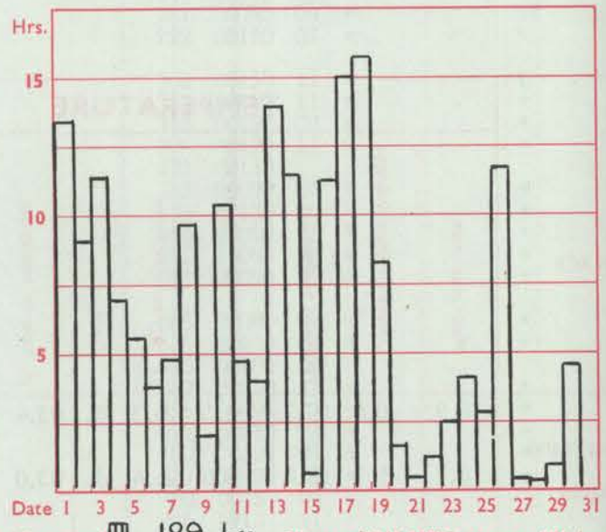
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values. (1941-1970)
Normals for Kew are based on North Wall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



Total for month 186 hrs 30-year (1941-1970) average 214 hrs.

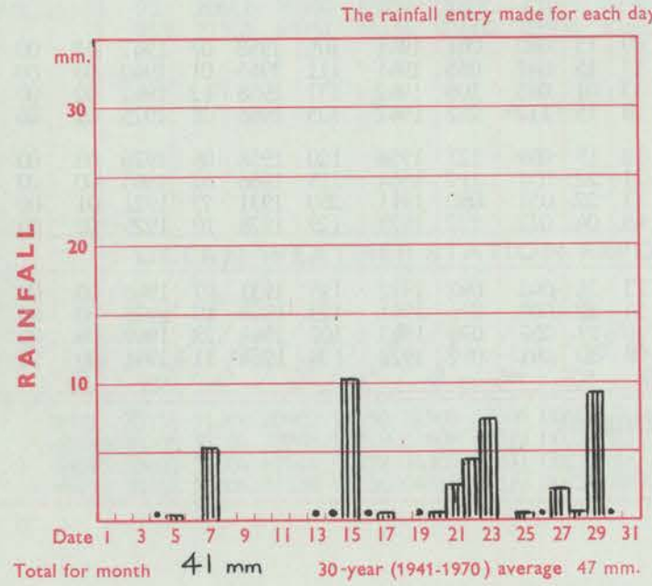


Total for month 146 hrs 30-year (1941-1970) average 191 hrs.

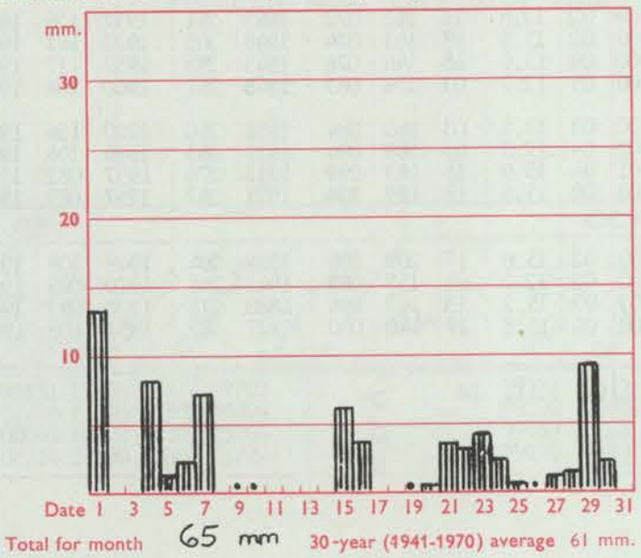


Total for month 189 hrs 30-year (1941-1970) average 181 hrs.

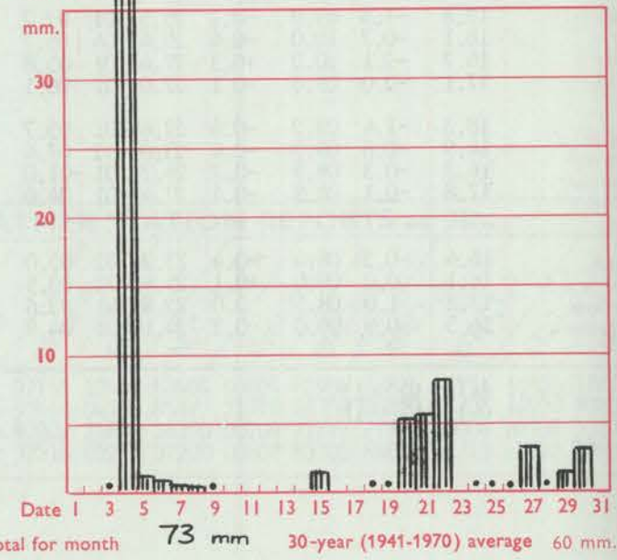
The rainfall entry made for each day represents the total fall for the 24-hour period beginning at 09 h. G.M.T. on that day. Trace (less than 0·05 mm) is indicated by " • "



Total for month 41 mm 30-year (1941-1970) average 47 mm.



Total for month 65 mm 30-year (1941-1970) average 61 mm.



Total for month 73 mm 30-year (1941-1970) average 60 mm.

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

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

No. 42560

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue THURSDAY 1 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 31 May 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	10909	61011	18024	11681	14705	81840		
Hurn	862	11207	58050	18025	12630	13703	81840		
Manston	797	00807	57050	19523	00900	12802			
Gatwick	776	21012	70030	18426	22700	13705	82850		
Kew	775	10909	65030	18525	12600	11710	81845		
Heathrow	772	10810	63020	18726	12600	14707	81845		
Honington	586	00810	58050	20123	00900	13803			
Wattisham	590	01011	59050	19823	00900	11704			
Gorleston	497	00000	16050	21213	00900	10400			
Aberporth	502	51512	68031	17325	52600	13707	85830		
Filton	628	10908	61050	18225	11600	15808	81845		
Rhoose	715	10710	48050	17823	10931	15606	81360		
Hartland Point	703	20910	60020	17024	28500	15101	82825		
Mount Batten	827	11112	58051	16824	00901	16000	81080		
St.Mawgan	817	01415	60050	16823	00900	13102			
Scilly	804	11415	29050	16517	15600	13204	81630		
Culdrose	809	01012	40050	16918	00900	13802			
Guernsey	894	01006	70020	16724	00900	11802			
Elmdon	534	10807	60020	19224	11700	14711	81850		
Cardington	559	00807	62010	19225	00900	15809			
Wittering	462	10609	66020	19924	11601	14709	81845		
Watnall	354	00908	57040	20623	00900	13706			
Shawbury	414	21107	57040	19024	21600	16710	82840		
Finningley	360	11106	68020	20725	12601	14712	81835		
Spurn Point	396	10710	40050	21814	10981	10806	81360		
Leeming	257	21206	40040	21323	21600	15708	82845		
Tynemouth	262	21006	56054	22715	22600	12807	82830		
Carlisle	222	20907	68030	20223	22600	15713	82838		
Valley	302	00510	62059	18425	00900	13710			
Ringway	334	31112	65030	19426	22680	13707	82840		
Squires Gate	318	11607	62020	19427	12600	12710	81830		
Ronaldsway	204	10811	57040	19919	15700	12803	81656		
Mull of Galloway	131	51413	65031	20516	50980	12803	85358		
Eskdalemuir	162	31407	70030	20223	32600	10811	83830		
Prestwick	135	22807	62050	20224	22600	12708	82840		
Abbotsinch	140	10308	60050	20823	11600	13610	81835		
Leuchars	171	50608	13284	22713	56200	11805	85704		
Dyce	091	11410	58051	22520	11600	12803	81835		
Lerwick	005	01812	50050	23213	00900	11103			
Wick	075	11509	62050	21915	11600	11500	81830		
Sule Skerry	010	01407	58051	20614	00900	11500			
Cape Wrath	049	32702	40050	20521	22570	12400	82820	83460	
Stornoway	026	11707	62050	19720	10930	12703	81365		
Benbecula	022	11615	64030	18422	15600	13502	81630		
Tiree	100	01515	59050	18918	00900	13803			
Aldergrove	917	31210	56041	19022	30930	13705	83360		
Malin	980	01422	50050	17624	00900	12707			
Belmullet									
Birr	965	11413	60050	15723	11500	14706	81828		
Dublin	969	01108	60050	18021	00900	13805			
Shannon	962	01412	45050	14424	00900	15711			
Roches Point	952	11010	25050	15518	11500	14702	81826		
Valentia	953	01613	60050	12925	00900	15503			

OBSERVATIONS at 18h. 31 May 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	11608	75020	17023	19603	10500	81940		
862	11107	62010	16924	15600	12504	81640		
797	10612	62020	18021	00901	11709	81078		
776	11209	75020	17025	11700	10506	81856		
775	10909	72010	17325	11600	10604	81845		
772	10913	75020	17125	12700	13505	81850		
586	10809	65020	18723	00901	11608	81080		
590	30709	60050	18722	00901	12608	83080		
497	00407	32050	19713	00900	11710			
502	71313	75299	17219	4356/	10304	83920	85361	
628	73503	65019	17621	22663	14208	82845	87080	
715	50404	65019	16917	12618	15505	81830	83459	85270
703	70000	66039	16023	2263/	12502	82845	87360	
827	32307	65050	16119	10931	13303	81362		
817	21310	62050	15920	20930	12602	82359		
804	82307	13054	16514	862//	12301	88703		
809	10807	50050	16317	10780	13502	81356		
894	10811	62030	15922	12680	09500	81845		
534	71203	65291	17423	39662	09504	82938	84358	
559	11109	65020	17823	10931	14504	81359		
462	11508	78019	18124	00901	10606	81075		
354	50607	68299	18523	39533	15506	81920	83070	
414	62115	62179	18022	694//	14502	82710	86945	
360	20910	65030	18923	10963	13506	81365		
396	10914	32050	19713	12500	11713	81820		
257	01210	70020	19323	00900	11606			
262	01209	30050	21013	00900	12715			
222	72207	62951	18418	49532	13802	82925	83840	85359
302	73308	62959	17620	796//	11305	87940		
334	11407	70020	17625	19640	08505	81935		
318	60107	68299	18120	48662	14514	82845	83656	
204	10814	61020	17221	10930	11509	81359		
131	11211	60031	17719	10980	12714	81358		
162	70810	68179	19121	695/3	11501	85928		
135	10106	61050	18023	12600	13708	81845		
140	20707	70029	17725	21600	09614	82835		
171	30812	40051	21013	32600	11608	83845		
091	01005	57050	21417	00900	11604			
005	01507	50050	22513	00900	10503			
075	01410	62050	20515	00900	11707			
010	50903	58051	19514	50971	12708	85360		
049	31409	58050	19518	35600	10707	83630		
026	01504	64050	18419	00900	14708			
022	31312	59050	16820	38600	13709	81840	83650	
100	21708	59050	17116	10932	12610	81360		
917	01311	61040	16923	00900	13711			
980	01421	58050	15823	00900	11606			
976	31513	61179	11922	33500	15711	83821	81921	
965	01308	58050	14622	00900	13301			
969	11004	56050	16121	00901	08707	81070		
962	01512	50050	13421	00900	15601			
952	81406	25051	15315	863//	12502	88709		
953	61712	40101	13616	62600	13303	86830		

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00260	135	+	+
862	00260	141	+	+
797	00250	141	+	+
776	00270	136	+	+
775	00260	137	+	+
772	00270	130	+	+
586	00270	140	+	+
590	00250	144	+	+
497		132		
502	93261	082	tlr.	tlr.
628	95270	083	pr.tl.r.tl	tlr.tlhrtl
715	17261	090	tl.tltlrh	tlrhTLRtlr
703	00250	099		
827	00240	127	+	+
817	00240	124	+	F
804	00180	065	+	ff
809	00200	124	+	+
894	00250	136	+	+
534	92261	110	+	tl.tl.r.
559	00270	132	+	+
462	92250	131	pr.	tl.r.
354	97270	124	+	tl.r.
414	08251	087	tl.r-R-HR	tl.r.-r-R
360	00270	130	+	+
396			+	+
257	00260	132	+	+
262	00150	121	+	+
222	03271	106	+	tl.r.tl.R
302	05281	093	+	tlRtlir.r
334	93271	139	+	tl.r.
318	06271	093	tl.tlr.R	tlr.tl.
204	07241	127	+	TLR
131	00200			
162	02251	119	+	tl.tlrr.
135	00250	141	+	+
140	97260	099	pr.tl.r.	+
171	00150	070	ff	+
091	00210	123	+	+
005	00150	147	+	+
075	00170	143	+	+
010	00150			
049	00210	145	+	+
026	00210	143	+	+
022	00230	140	+	+
100	00190	138	+	+
917	00240	099	+	+
980	0025	143		
976	0024	119		
965	0025	136		
969	0022	126		
962	9724	132		
952	0018	079		
953	0025	118		

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

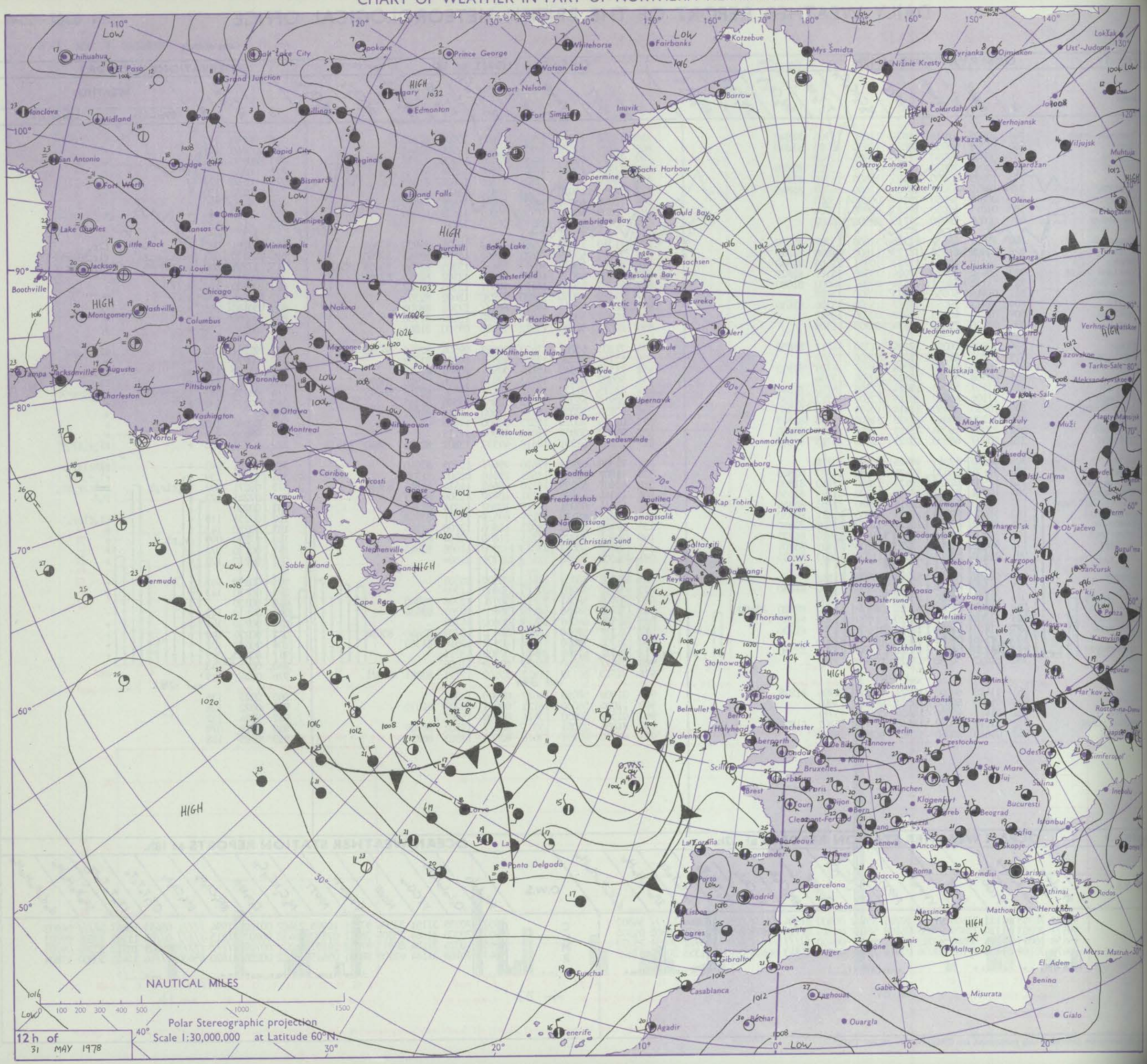
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_aapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	31121	73604	97152	10705	33402	00400	81994	/////	05601	10864	3////	34802
	99571	70203	31124	72809	97036	06109	58472	00310	82712	83625	0//07	11075	30302	01905
	99659	10025	31124	80806	97022	25607	8087/	00400	/////	/////	00004	10722	30201	25203
	99470	70169	31124	71708	97036	03914	724//	00211	81813	86613	0//14	11355	30000	17808

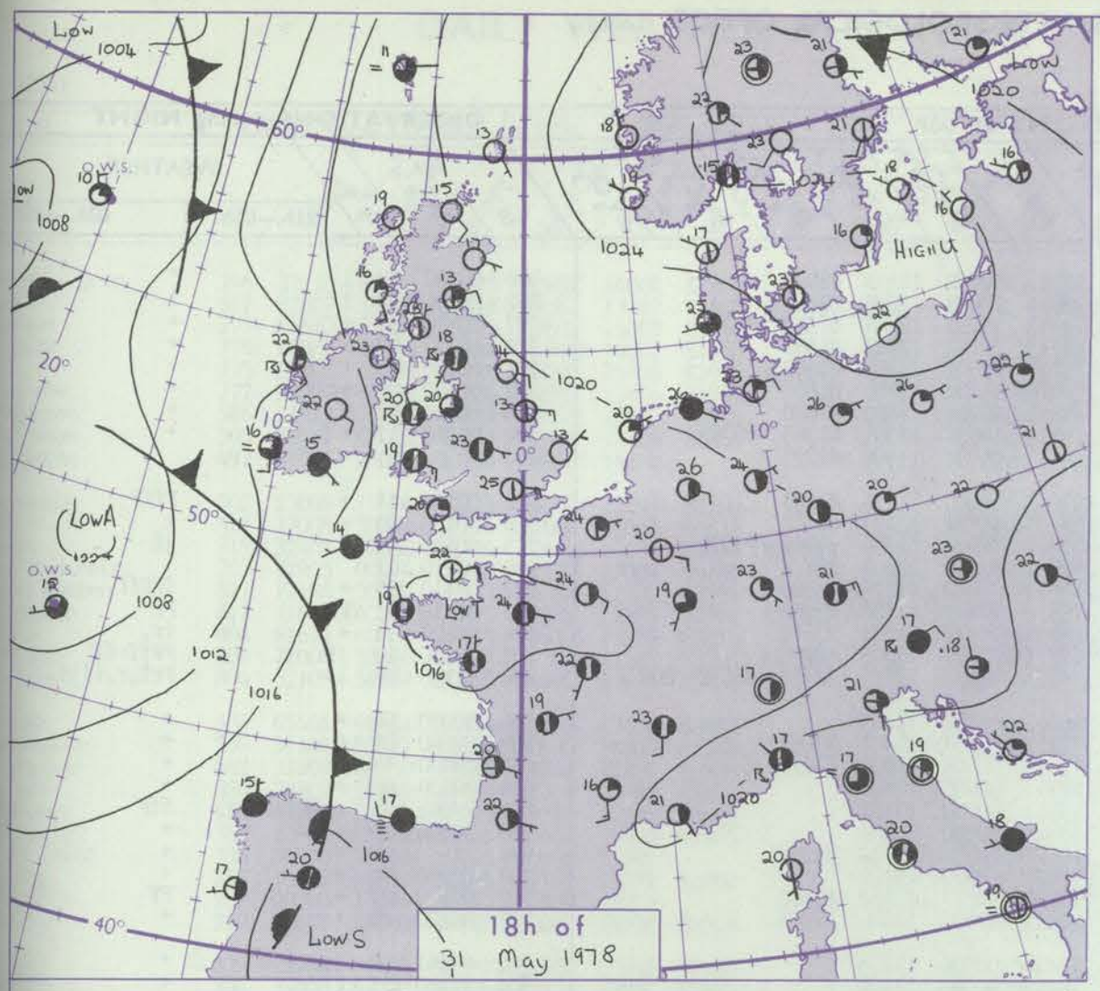
OCEAN WEATHER STATION REPORTS at 18h.

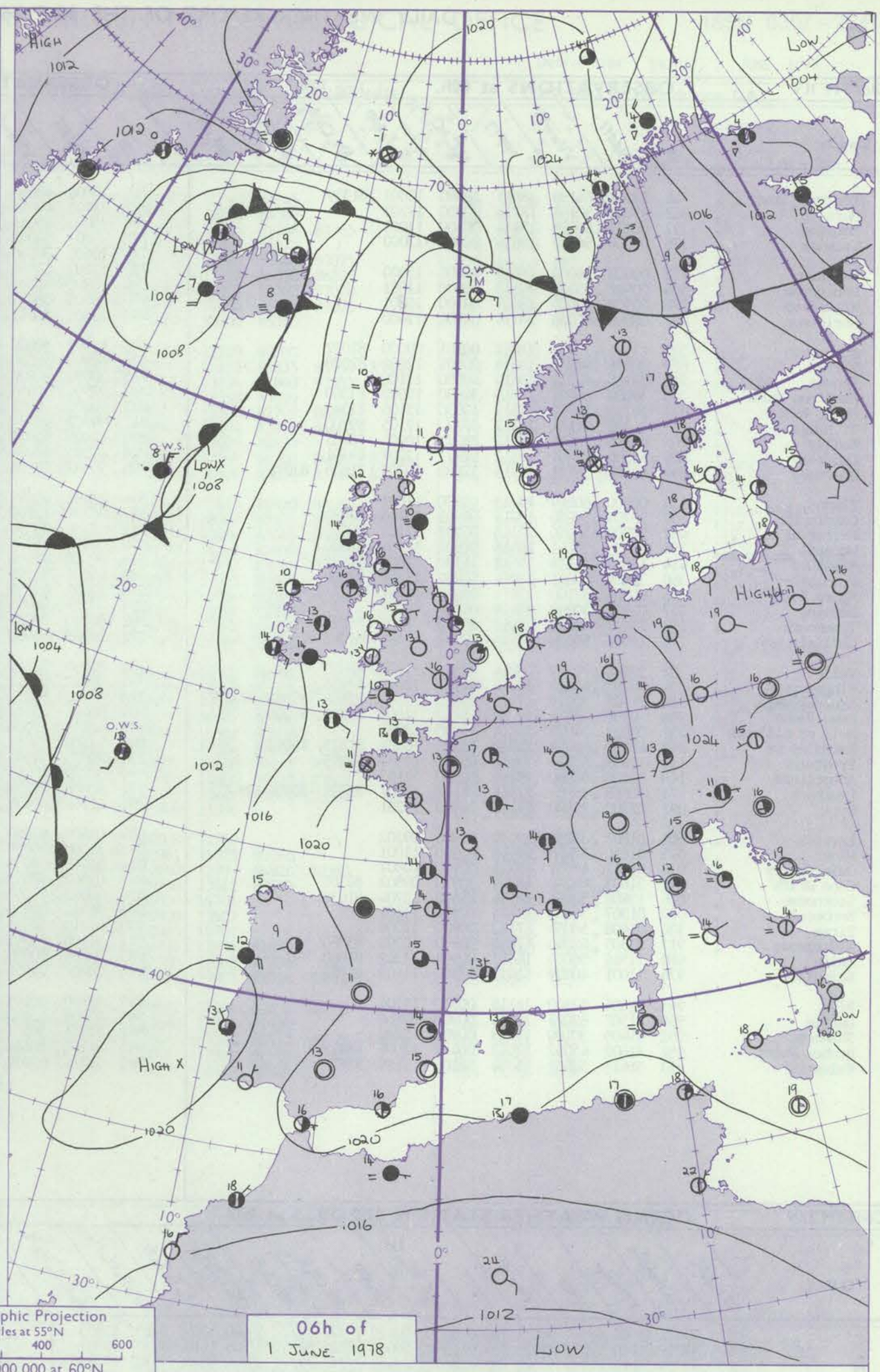
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vv_aapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	31181	33504	97151	10905	23402	00102	81994	/////	05653	10867	3////	04903
	99571	70203	31184	23304	98011	07810	18432	00207	81815	/////	0//05	11105	30201	99/03
	99659	10024	31184	80913	97022	24107	1637/	00709	/////	/////	05005	10710	30201	99/03
	99470	70168	31184	62406	98031	05615	68502	00208	81820	85630	0//14	11442	30000	17804

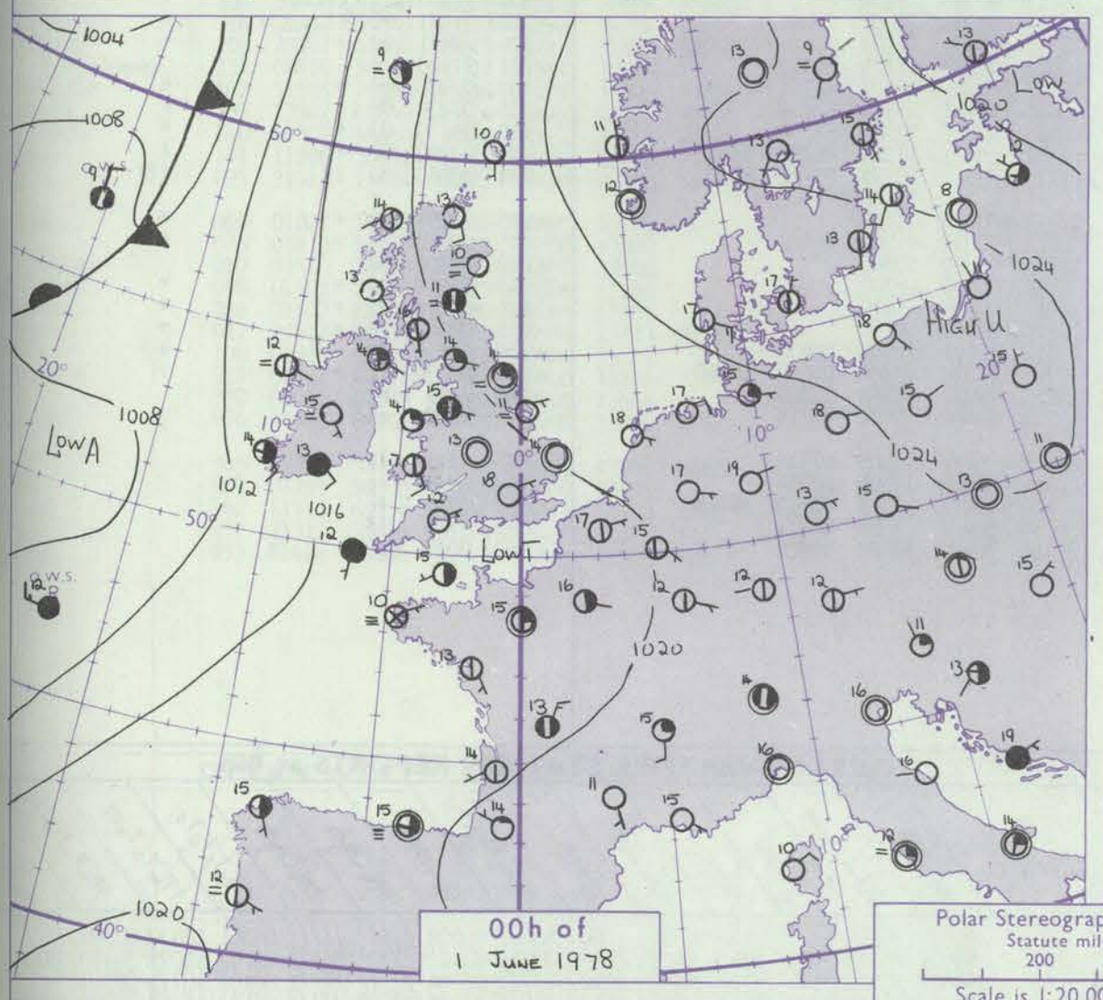
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 1 JUNE 1978

An anticyclone over Denmark and southern Scandinavia has extended southeast into Poland. A complex low pressure area from northeast of Azores to Iceland has persisted, becoming reinforced in the south by a deepening depression moving steadily eastwards and now centred about 300 miles north of Azores. A shallow thundery depression over western France has now filled.

During the next 24 hours high pressure will extend from Scandinavia to the western Mediterranean and, with low pressure persisting over the eastern North Atlantic, the southerly airstream will continue over the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. — 1 June 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	13201	64130	18515	10980	10001	81359		
Hurn	862	03403	50130	18214	00900	11203			
Manston	797	00102	60020	19114	00900	11001			
Gatwick	776	00504	56040	18816	00900	13000			
Kew									
Heathrow	772	00604	56050	18818	00900	13000			
Honington	586	00402	35050	20113	00900	11001			
Wattisham	590	00509	50050	19815	00900	10801			
Gorleston	497	00000	66020	20114	00900	11400			
Aberporth	502	11515	75011	17817	00901	09000	81072		
Filton	628	20806	60031	18814	00901	12002	82078		
Rhoose	715	00705	62021	18514	00900	11106			
Hartland Point	703	30000	66021	17815	30930	13002	83360		
Mount Batten	827	10702	59050	17514	10930	12106	81360		
St.Mawgan	817	92902	01434	18312	9////	12105	89/00		
Scilly	804	81906	58022	18012	862//	10004	88705		
Culdrose	809	92302	02454	18312	9////	12207	89/01		
Guernsey	894	42606	58131	17715	12682	10303	81835	83075	
Elmdon	534	00000	60049	19713	00900	11001			
Cardington	559	20704	58050	19715	00901	13103	82080		
Wittering	462	20303	50050	20215	00902	11103	82075		
Watnall	354	10305	58051	20615	00901	12304	81070		
Shawbury	414	12802	15119	19512	15700	12004	81650		
Finningley	360	36006	50041	21014	00902	11208	83070		
Spurn Point	396	00806	57100	21111	00900	11001			
Leeming	257	02402	50040	21414	00900	10207			
Tynemouth	262	21404	56020	21812	00908	11603	82275		
Carlisle	222	21006	60039	19914	10931	12104	81362		
Valley	302	20808	70139	18014	25701	11105	82650		
Ringway	334	70707	62029	19517	757//	12808	87656		
Squires Gate	318	71107	70019	19115	25631	12606	82645	83362	85075
Ronaldsway	204	70708	63019	19014	1643/	11305	81715	87360	
Mull of Galloway	131	00912	74019	18716	00900	12007			
Eskdalemuir	162	43507	62059	21012	11572	10101	81825	83072	
Prestwick	135	11803	60050	19216	00901	11304	81075		
Abbotsinch	140	00608	58050	19415	00900	12107			
Leuchars	171	70608	18101	21511	761//	11201	81702	83704	86707
Dyce	091	02702	25100	22110	00900	10201			
Lerwick	005	01805	35050	23010	00900	09102			
Wick	075	01610	57050	20913	00900	11001			
Sule Skerry	010	01412	48051	19211	00900	10801			
Cape Wrath	049	31603	64050	18819	30930	09803	83360		
Stornoway	026	12402	58051	18114	15600	10704	81630		
Benbecula	022	01307	59050	17115	00900	11301			
Tiree	100	01408	58050	17313	00900	11004			
Aldergrove	917	31305	62040	17814	30930	10203	83365		
Malin	980	11516	56050	16417	00902	11302	81080		
Belmullet	976	11001	40109	15012	12500	11105	81820		
Birr	965	01604	57100	16115	00900	12104			
Dublin	969	01507	62021	17116	00900	09804			
Shannon	962	01409	30100	15913	00900	12210			
Roches Point	952	81409	45052	17013	864//	11005	88712		
Valentia	953	51413	57051	15014	52500	11109	85828		

OBSERVATIONS at 06h. — 1 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	20000	48050	18515	00902	11105	82075		
862	21702	40050	18814	20881	12210	82357		
797	30000	45051	19314	10982	12305	81360	83075	
776	20301	34041	19113	10982	12307	81365		
775	10000	30050	19215	10930	13305	81362		
772	13202	45050	18916	15730	13305	81650		
586	70302	50051	19514	00902	11400	87080		
590	60808	56051	19316	10931	11301	81365	86080	
497	20000	56011	19613	00901	11400	82075		
502	12907	50030	18613	16000	11314	81701		
628	10903	28050	18614	10931	12203	81362		
715	30805	60030	18314	10931	11306	81362	83075	
703	92504	00454	18912	9////	12108	89///		
827	40000	03461	18613	36080	11211	83700		
817	90702	01474	18811	9////	11106	89/00		
804	71409	58052	18213	754//	11303	87613		
809	82305	10284	19111	861//	11308	88702		
894	70907	35956	19613	794//	12315	82710	83828	86932
534	03602	40040	19613	00900	12303			
559	20202	15100	19412	00901	12301	82080		
462	10308	30050	19813	00901	11001	81075		
354	00302	25050	20315	00900	13500			
414	00000	02464	19511	00900	11302			
360	03002	25100	20513	00900	11502			
396	20202	45050	20612	20930	10102	82360		
257	03305	30044	20912	00900	10104			
262	90000	00454	21210	9////	10102	89/01		
222	10905	56050	20213	10930	11305	81365		
302	00906	78010	18116	00900	11203			
334	00402	58011	19418	00900	12204			
318	00706	50041	19515	00900	12205			
204	00405	68011	18915	00900	11103			
131	41414	62030	19013	40970	12104	84359		
162	23506	57051	20913	10981	11307	81364		
135	20902	59041	19416	15731	13304	81650		
140	30707	40051	20015	30981	12205	83360		
171	80608	12284	21311	860//	11304	86700	88702	
091	81702	05424	21410	860//	10702	87701	88702	
005	01609	40050	22111	00900	11703			
075	11508	56050	20512	10931	11501	81362		
010	01408	57050	18511	00900	10602			
049	02302	58051	18120	00900	09202			
026	03002	56050	18012	00900	11400			
022	01411	62050	16716	00900	12101			
100	61310	59051	17314	658//	12400	86657		
917	31106	60041	17916	15730	10304	81650	83360	
980	30804	70030	16815	20932	10206	82360		
976	20701	05464	14610	26400	10501	82718		
965	71809	50101	16813	764//	11206	87714		
969	20000	65020	17314	20930	11306	82362		
962	81311	50101	16314	864//	11302	83715	88718	
952	81108	50606	17014	864//	12500	88714		
953	71114	62052	14514	785//	10702	82828	87635	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	00130	09	1	+
862	00100	07	1	1
797	00110	08	+	+
776	00110	07	+	+
775	00100	05	+	+
772	00140	08	+	+
586	00110	09	+	+
590	00140	12	+	+
497				
502	00110	11	+	FffF
628	00120	04	+	+
715	00120	09	+	jf
703	00110	11		
827	00110	09	+	fFFff
817	00110	11	FF	FF
804	97120	11	+	ir_o
809	00110	10	ff	FFff-ff
894	91110	08	1	Ftl_or_oifjf
534	00090	05	+	+
559	00080	05	+	+
462	00130	10	+	+
354	00120	08	+	+
414	97091	05	r_off	ffF
360	00100	05	+	+
396			+	+
257	00100	06	+	+
262	00100	07	+	FF
222	00120	08	+	+
302	00141	08	jp	+
334	97160	11	tl_or_o	+
318	91121	07	$tl_or_otlr_o$	+
204	00121	09	+	+
131	97120			
162	00100	07	+	+
135	00130	08	+	+
140	00130	07	+	+
171	00100	07	+	f
091	00080	04	ff	ffF
005	00091	09	+	+
075	00110	08	+	+
010	00100	09		
049	00150	14	+	+
026	00110	05	+	+
022	00140	10	+	+
100	00120	09	+	+
917	00130	11	+	+
980	0013	10		
976	9209	06		
965	9713	11		
969	0014	11		
962	9713	11		
952	9713	13		
953	0013	11		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	01001	63507	98031	13106	62500	00210	/////	/////	05400	10846	30201	35903
	99571	70201	01004	73611	98021	08409	5557/	00000	85625	84359	0//06	11102	30302	99/03
	99659	10023	01004	81113	95502	23207	863//	00400	/////	/////	00106	10705	30301	99/03
	99471	70167	01004	82714	97012	09012	854//	00112	88616	/////	0//11	11387	30604	18804

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	01061	83509	97258	13907	834//	00208	/////	/////	05301	10830	3//03	/////
	99571	70202	01064	83614	96616	08508	3732/	00501	83709	88527	0//07	11095	30403	99/04
	99659	10022	01064	91214	93454	22207	9////	00704	/////	/////	00107	10715	30301	99/02
	99470	70170	01064	72010	98032	09813	756//	51203	87640	/////	0//11	11363	30000	18804

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

42561

Date of Issue FRIDAY 2 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 1 June 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	32110	66030	19223	22681	14002	82840		
Hurn	862	82607	59919	20018	2968/	13107	81840	81945	86357
Manston	797	11613	61021	20125	12602	15002	81840		
Gatwick	776	12009	60020	19424	12700	14001	81850		
Kew	775	51808	62299	18926	59500	15803	83925	83835	
Heathrow	772	22008	61030	18826	29680	17804	81935		
Honington	586	21612	70031	19626	22700	12802	82850		
Wattisham	590	21412	66021	19725	12701	11000	81850		
Gorleston	497	01504	24020	20714	00900	11202			
Aberporth	502	23004	15404	20114	26031	13207	82700		
Filton	628	13006	59051	19124	11600	16001	81835		
Rhoose	715	32405	42050	19720	11632	15104	81835	83073	
Hartland Point	703	92905	02474	20213	9////	12004	89/00		
Mount Batten	827	72108	30284	20413	26288	12205	82704	83358	86465
St.Mawgan	817	71909	40214	20415	3637/	12205	83707	87458	
Scilly	804	81614	40056	19916	854//	13206	88614		
Culdrose	809	72008	33258	20415	5233/	12205	83708	84818	
Guernsey	894	52109	56059	20619	00902	13104	85072		
Elmdon	534	61405	60041	18824	6278/	13606	86850		
Cardington	559	51104	57051	19025	50930	18805	85360		
Wittering	462	31007	60050	19324	11781	15805	81850		
Watnall	354	30807	58040	19724	38701	15703	82850		
Shawbury	414	41207	59044	18725	42700	16706	84850		
Finningley	360	20906	65030	19826	11601	15609	81845		
Spurn Point	396	00000	45011	20815	00900	11704			
Leeming	257	10000	56040	20125	11700	14709	81850		
Tynemouth	262	00000	13284	21613	00900	12603			
Carlisle	222	21607	66030	19227	22600	13708	82840		
Valley	302	22408	56400	19517	12602	12203	81840		
Ringway	334	31905	67030	19026	32600	09804	83845		
Squires Gate	318	22807	59040	19323	22600	16704	82835		
Ronaldsway	204	20907	45040	19319	00901	12804	82075		
Mull of Galloway	131	01410	58050	19517	00900	13802			
Eskdalemuir	162	11505	70030	19524	11600	12805	81835		
Prestwick	135	13107	62040	19424	12600	12603	81835		
Abbotsinch	140	10305	58050	19324	12600	13708	81835		
Leuchars	171	11206	20051	21214	16100	12805	81702		
Dyce	091	21511	75024	20821	10932	13706	81362		
Lerwick	005	01808	50050	22114	00900	11400			
Wick	075	01410	58050	20616	00900	11803			
Sule Skerry	010	01410	58050	19115	00900	12000			
Cape Wrath	049	01402	58050	18923	00900	12201			
Stornoway	026	01807	62050	18720	00900	13102			
Benbecula	022	21817	68030	17820	20980	13003	82360		
Tiree	100	01314	60051	18218	00900	13801			
Aldergrove	917	01411	62021	18523	00900	12801			
Malin	980	01415	62050	17024	00900	13603			
Belmullet	976	11908	60054	16019	12500	13000	81821		
Birr	965	21706	58051	17220	22500	13706	82823		
Dublin	969	01211	56050	17718	00900	13803			
Shannon	962	61511	65051	16919	685//	13203	85820	83645	
Roches Point	952	71312	30056	18115	764//	12005	87712	87640	
Valentia	953	81414	70808	15717	824//	13005	88817		

OBSERVATIONS at 18h. 1 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	42111	80018	20021	12683	12210	81845		
862	61603	50056	20617	40931	13306	84360		
797	52109	65031	20721	40982	14306	81358	83365	
776	52210	65031	20521	00902	11209	85075		
775	72109	70021	19823	18602	10210	81840	87075	
772	62108	70029	19723	11738	13311	81850	86275	
586	71409	66021	19423	20975	15203	82362	87078	
590	71410	61031	19722	40962	15204	84358	87075	
497	51503	24051	20314	50970	12400	85360		
502	90205	03474	21012	9////	12209	89/00		
628	72807	50051	20020	1268/	15113	81835	83359	85370
715	73009	57259	20415	1268/	13114	81840	87357	
703	72606	40058	21214	755//	13310	87620		
827	82405	32056	21513	861//	12308	82702	88707	
817	61909	60052	21016	58432	13304	83812	84640	
804	81814	30205	20015	854//	13605	88614		
809	72110	50258	20814	5833/	13500	81708	84620	87360
894	73302	56408	21114	3577/	10701	83656	85358	87462
534	81603	59958	19816	2951/	15118	81920	88460	
559	81103	56299	19520	48627	18307	83835	83650	85465
462	80000	64809	19518	3267/	15006	83845	88462	
354	82607	40959	21315	2962/	14025	82935	88545	
414	72612	66959	19316	5962/	13012	83930	83840	87465
360	71912	68179	19619	4968/	13313	83945	83850	87362
396	61714	66258	19518	3357/	12804	83925	86360	
257	71005	64041	18623	7097/	15501	87360		
262	11507	61021	19815	10930	13607	81358		
222	70612	50959	18620	796//	15307	86935		
302	82212	20284	20113	861//	11005	88702		
334	72814	56959	19619	7956/	13308	81825	86940	
318	72712	50959	20915	795//	14330	87925		
204	92209	01471	19811	9////	10311	89/00		
131	22410	60050	18717	00901	14602	82078		
162	71307	70179	18222	696/3	11504	86930		
135	32806	60048	17923	12632	15608	81845	83075	
140	40813	65059	17725	39663	11606	81935	83842	
171	70808	57801	19913	4278/	12607	84850	85358	
091	01005	62050	19920	00900	11506			
005	01609	50050	21213	00900	11707			
075	10106	59050	19918	10981	14703	81360		
010	73203	60298	18519	43560	12707	84920	87360	
049	31603	68059	18719	30930	13812	83360		
026	01007	65050	18119	00900	14706			
022	01510	70020	17121	00900	13507			
100	01411	60050	16918	00900	12707			
917	11509	62030	17322	00901	12604	81070		
980	11512	65050	15824	12500	12607	81824		
976	61810	60101	15818	624//	13802	82718	85820	
965	61608	70031	17318	685//	11501	83824	84636	
969	11403	59050	17619	12680	13304	81830		
962	71410	66215	17016	754//	13003	81715	83622	87640
952	71713	62026	17915	764//	13501	86711	87645	
953	71812	80028	16216	725//	12303	87824		

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	97230	110	pr$_o$	+
862	91221	078	tlr$_o$	r$_o$
797	00250	119	+	+
776	00250	120	+	+
775	00260	082	tl$_o$	+
772	00270	077	t$_o$	+
586	00260	080	+	+
590	00260	088	+	+
497		113		
502	00150	036	FF	FFff
628	00250	106	+	+
715	95210	095	tl$_o$r$_o$pr$_o$	tl$_o$r$_o$pr$_o$
703	97150	022		
827	97170	011	ffir$_o$	ir$_o$
817	97190	027	r$_o$	+
804	92160	019	+	id$_o$
809	97161	030	ir$_o$pr$_o$jf	jfpr$_o$
894	97191	067	jf	jfpr$_o$ir$_o$
534	05251	069	pr$_o$	tl$_o$r$_o$tlrpr$_o$r
559	97260	067	tl$_o$r$_o$	tl$_o$r$_o$pr$_o$tl$_o$
462	01271	094	+	tlr$_o$tlr
354	25271	091	t	~~tlr$_o$btlr$_o$~~ tlH_2R_2
414	02251	070	tl$_o$	tl$_o$r$_o$-r$_o$
360	97280	103	+	tl$_o$r$_o$tl$_o$
396			+	pr$_o$
257	00270	109	+	+
262	00160	088	FF	+
222	25281	106	+	tlr$_o$TLHRfTLR
302	97201	084	ifff	ffir$_o$
334	13281	087	tl$_o$R	tl$_o$Rr$_o$tl$_o$Rrr$_o$
318	41271	098	+	tl$_o$r$_o$tlRTLRr$_o$
204	00210	124	+	Fif
131	00200			
162	97270	109	+	tl$_o$r$_o$
135	97250	124	pr$_o$	+
140	00270	133	tl$_o$	tl$_o$
171	97160	067	+	pr$_o$
091	00230	122	+	+
005	00150	142	+	+
075	00190	134	+	+
010	97190			
049	02231	116	prtl	+
026	00230	149	+	+
022	00230	135	+	+
100	00190	113	+	+
917	00240	136	+	+
980	0025	123		
976	9720	077		
965	0021	104		
969	0021	132		
962	9720	030		
952	9216	004		
953	9718	019		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

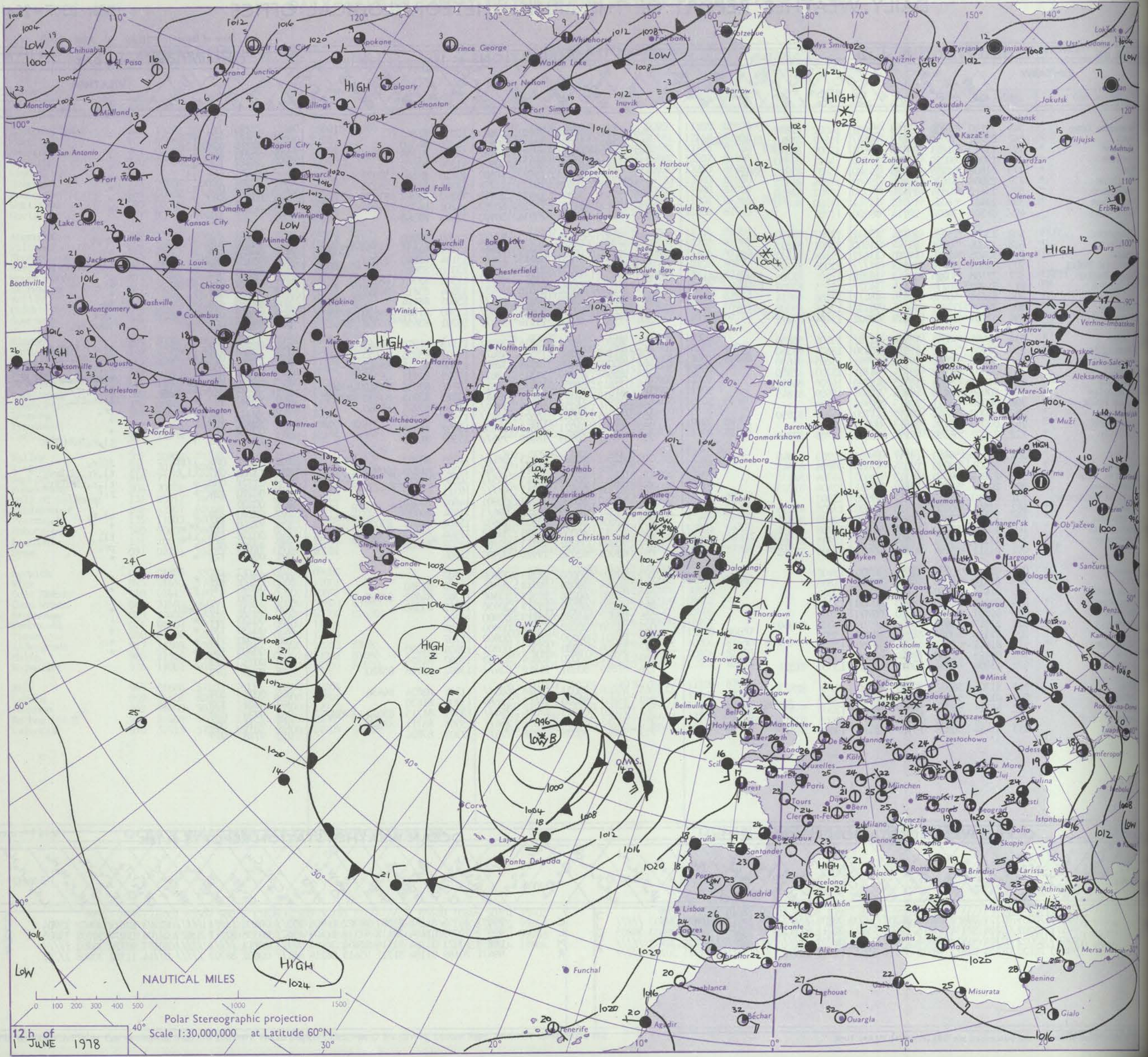
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01121	73407	98022	16207	78500	00208	/////	/////	05202	10800	30503	/////
L	99571	70202	01124	80114	97616	10609	5547/	00211	82712	85625	0//06	11092	30403	34805
M	99659	10022	01124	91418	92454	21907	9////	00703	/////	/////	00107	10724	30302	/////
R	99470	70170	01124	81623	98022	09114	856//	00707	88633	/////	0//13	11371	30705	/////

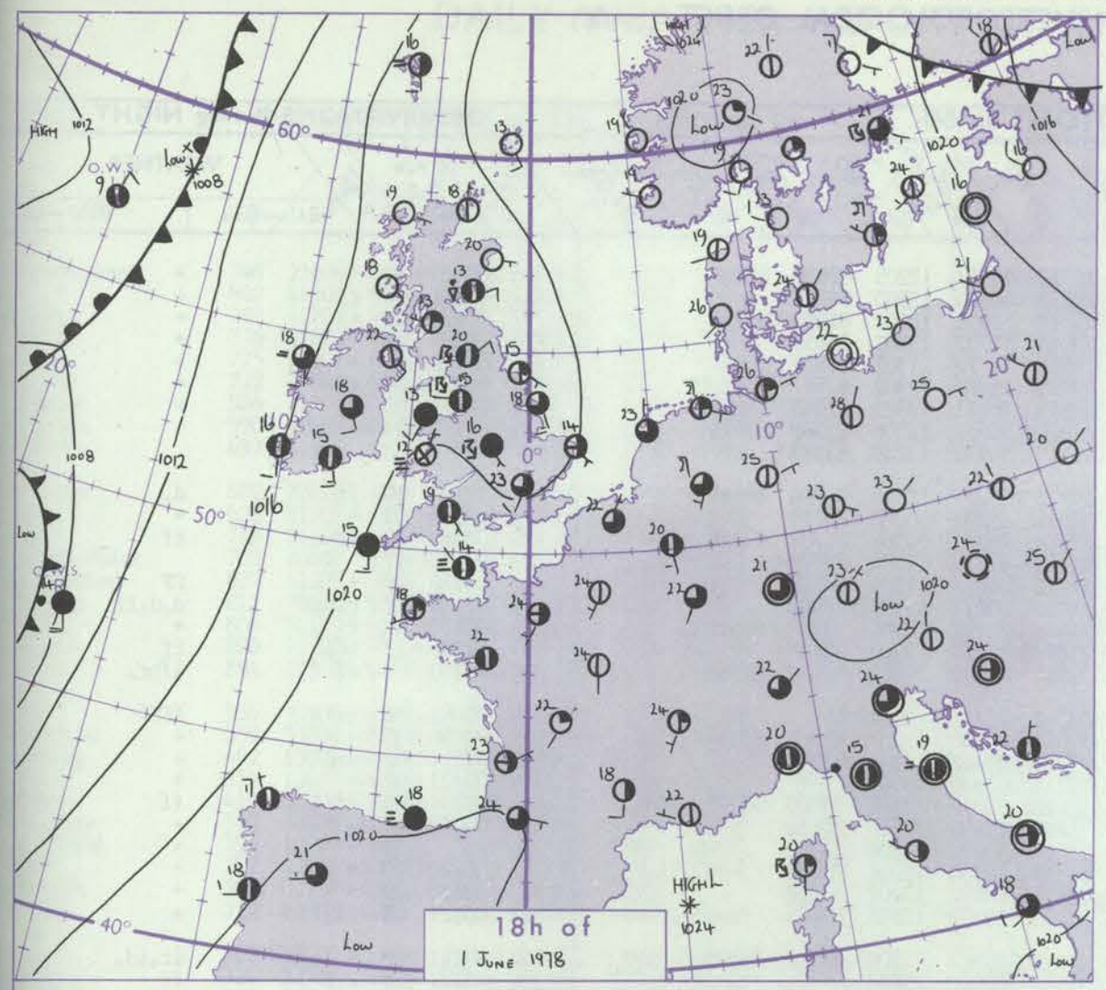
OCEAN WEATHER STATION REPORTS at 18h.

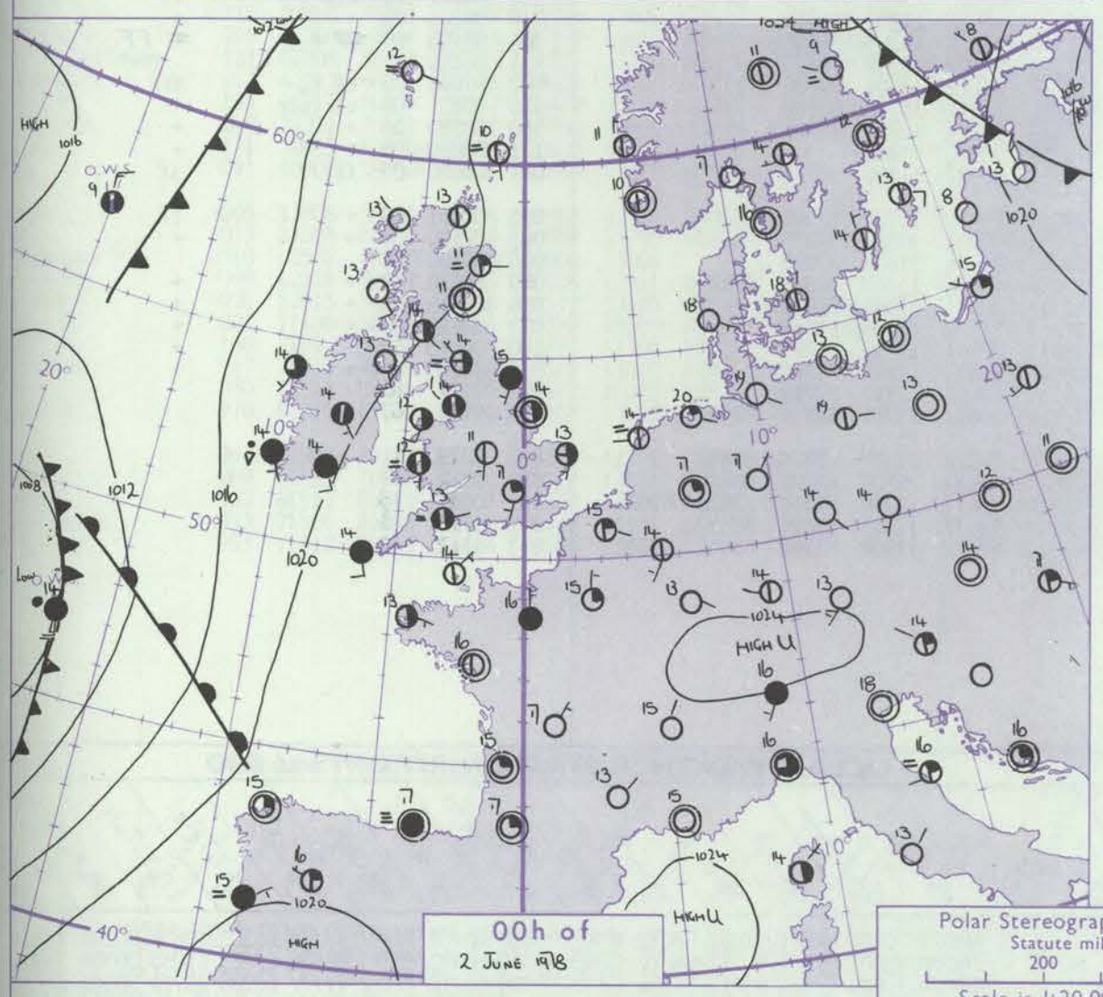
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	01181	83207	98022	16806	855//	00400	/////	/////	05303	10829	30402	35904
L	99571	70201	01184	70112	97216	11509	4542/	00308	82712	83625	0//06	11074	30302	33805
M	99659	10021	01184	91714	92454	20107	9////	00712	/////	/////	00107	10726	30302	/////
R	99471	70169	01184	81722	95615	08214	861//	00602	88703	/////	0//14	11352	30808	/////

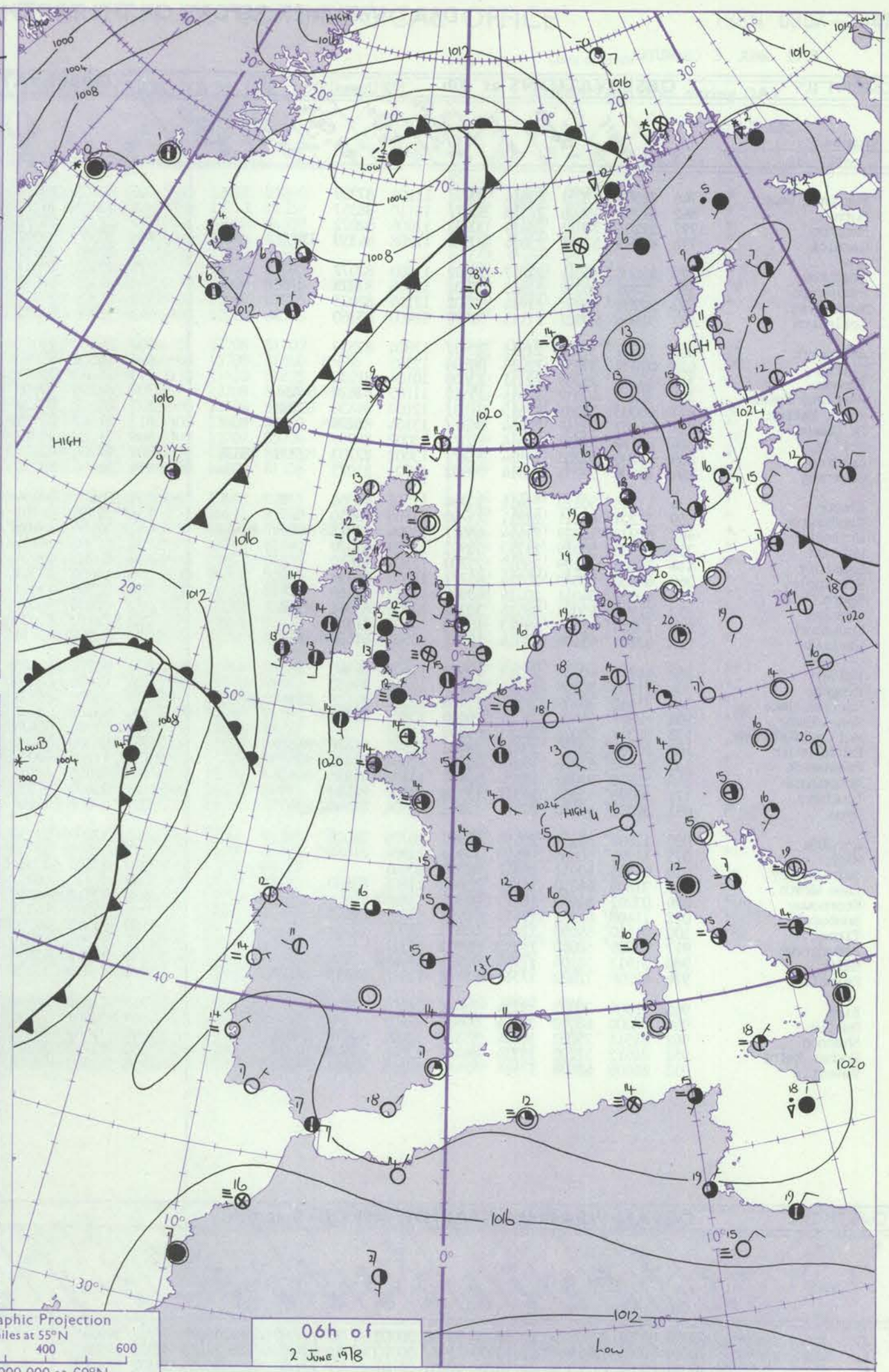
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 2 JUNE 1978

During the past 24 hours pressure has remained high over Europe from Scandinavia to the western Mediterranean. A thundery trough developed over southern districts of England and Wales and moved slowly north during the afternoon and evening, gradually filling.

During the next 24 hours the main centre of high pressure will transfer to northern France. Weak troughs in the Atlantic will move slowly east affecting western and northern districts of Scotland later.

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

Code FM 11.V **OBSERVATIONS at 00h.** 2 June 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	71906	57051	22414	7097/	11106	87359		
Hurn	862	81706	45606	22913	8087/	12110	88357		
Manston	797	22208	70011	22414	00902	11006	82072		
Gatwick	776	62309	57041	23014	40982	12208	84359	83072	
Kew									
Heathrow	772	22006	60011	22017	00902	13203	82072		
Honington	586	72205	56052	21615	00902	13106	87075		
Wattisham	590	22209	56051	21714	00902	12105	82075		
Gorleston	497	51906	60022	21113	50970	12400	85360		
Aberporth	502	71807	30104	21912	7093/	12804	87359		
Filton	628	02702	30051	22313	00900	12305			
Rhoose	715	13204	35108	22311	13600	10104	81930		
Hartland Point	703	51207	40032	22414	35510	11105	83620	85456	
Mount Batten	827	60000	38051	22613	4163/	12107	84830	83360	
St.Mawgan	817	81407	40056	22414	862//	13104	88705		
Scilly	804	81710	32052	21614	863//	13007	88707		
Culdrose	809	81706	30208	21914	852//	13002	82703	83708	88636
Guernsey	894	10506	58054	22814	00902	10001	81075		
Elmdon	534	11806	50129	21411	10930	11501	81364		
Cardington	559	32204	45111	21711	25730	11105	82650		
Wittering	462	61902	56809	21414	4861/	13204	82845	84656	86465
Watnall	354	22503	50019	21713	00902	12209	82070		
Shawbury	414	22505	35109	20612	25700	12504	82650		
Finningley	360	60000	58049	20814	657//	12000	86656		
Spurn Point	396	40000	64011	20714	40970	13703	84460		
Leeming	257	61705	65022	20516	30982	12306	83361	85072	
Tynemouth	262	13204	61020	19913	10930	12603	81358		
Carlisle	222	53203	45109	20314	15731	13501	81650	85075	
Valley	302	41911	40016	21312	40930	11605	84360		
Ringway	334	71505	30109	21114	757//	14118	87650		
Squires Gate	318	73110	35059	21314	35438	13312	81615	83645	87272
Ronaldsway	204	12807	35404	20711	16000	10803	81700		
Mull of Galloway	131	02311	58024	20411	00900	11000			
Eskdalemuir	162	50000	50059	20812	34602	11507	81830	85072	
Prestwick	135	41402	65019	19814	38660	12004	81830	83656	
Abbotsinch	140	53208	59049	19416	58601	13106	82830	84656	
Leuchars	171	10000	45058	20311	15730	10802	81650		
Dyce	091	30902	40100	20011	10931	11804	81365	83075	
Lerwick	005	11806	50104	20610	00902	10705	81070		
Wick	075	11702	56050	19413	10931	11804	81360		
Sule Skerry	010	01405	60051	18812	00900	10001			
Cape Wrath	049	31809	66050	18120	35600	11606	83630		
Stornoway	026	03202	64050	18013	00900	11802			
Benbecula	022	11408	65020	17413	00902	11001	81070		
Tiree	100	01510	59050	17813	00900	11005			
Aldergrove	917	01709	50040	19913	00900	11211			
Malin	980	01912	58104	17715	00900	14105			
Belmullet	976	62206	72022	17514	654//	12110	81719	86635	
Birr	965	71506	70032	19114	756//	11004	87633		
Dublin	969	00000	68010	20314	00900	11107			
Shannon	962	81511	75032	18414	855//	12004	81620	88650	
Roches Point	952	81612	57205	19314	863//	13002	85708	88714	
Valentia	953	81606	62808	17914	824//	13106	83711	88821	

OBSERVATIONS at 06h. 2 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	60701	50052	22713	2578/	12205	82656	85358	
862	43602	30216	22313	40880	12500	84357		
797	52903	63011	22817	20972	12302	81360	85070	
776	70000	59042	23014	55732	13302	85656		
775	72001	56052	22815	757//	11302	87656		
772	72202	57051	22715	7588/	12302	87657		
586	62305	37052	22515	20931	12105	82363	85080	
590	72309	40051	22714	50931	11306	85365	83075	
497	52706	60032	22317	50970	13210	85360		
502	81607	45052	22313	852//	12206	84704	88635	
628	10000	18050	23011	15400	10208	81710		
715	70703	01464	22510	4607/	10304	84701	87358	
703	82206	50606	22313	873//	12305	88709		
827	80502	03424	22212	860//	11301	88700		
817	81507	05505	22113	870//	13301	88700		
804	71707	56022	21414	753//	13304	83707	86615	
809	92206	02475	21813	9////	13500	89/01		
894	51408	59258	21814	25730	12302	82650	84360	
534	91905	01454	22512	9////	12207	89///		
559	72504	35101	22512	30938	12207	83362	87275	
462	32606	19108	22213	00902	12304	83072		
354	02505	20101	22213	00900	13004			
414	83202	07424	22412	850//	12310	83700	85702	88650
360	10000	37041	21814	15700	12308	81656		
396	32706	35011	21514	30970	13206	83360		
257	12906	56041	20715	10930	12001	81362		
262	72710	61021	20416	7097/	13202	87358		
222	32402	45111	21413	00901	12206	83075		
302	81706	40601	22213	853//	12208	84708	88625	
334	01402	04464	22113	00900	13004			
318	21002	30101	22412	15601	11303	81645		
204	93202	03430	22310	9////	10108	89/00		
131	92305	00474	21610	9////	10208	89///		
162	90000	00454	21611	9////	11305	89/00		
135	11205	56051	21111	15671	10310	81630		
140	62406	18101	20813	662//	12310	86705		
171	02403	50050	19813	00900	11201			
091	10000	45104	19412	00901	11000	81075		
005	12009	09424	19211	10930	11702	81360		
075	11606	62050	18614	00901	10802	81075		
010	11104	58050	17412	00901	11604	81075		
049	72310	68051	17616	40936	11703	84360	87270	
026	12210	68050	17513	00901	11501	81070		
022	11806	56051	17813	10930	12308	81365		
100	21713	40100	18512	00901	11309	82075		
917	21705	62040	20812	10931	11207	81360		
980	11912	65100	19214	18402	11313	81712		
976	71710	72022	17514	754//	12304	81719	87640	
965	71607	66022	19614	785//	12307	81820	87633	
969	71502	12284	20613	751//	12106	82702	86635	
962	71609	80022	19314	754//	12209	81712	83623	87638
952	71712	75215	19813	764//	12305	86714	87630	
953	71809	81018	18713	784//	11308	81712	83821	87630

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00120	10	+	+
862	95111	09	r_o	+
797	00130	09	+	+
776	00120	08	+	+
775	00110	05	+	+
772	00130	09	+	+
586	00120	09	+	+
590	00110	07	+	+
497				
502	97120	10	ff	d_o
628	00100	03	+	+
715	00070	05	if	ff
703	97130	11		
827	00110	09	+	FF
817	97130	12	r_od_o	d_od_off
804	00130	12	+	+
809	01131	13	id_o	ff
894	97110	09	if	$jfpr_o$
534	00081	06	ff	fFFf
559	00090	07	+	+
462	97121	08	pr_o	+
354	00121	08	+	+
414	00101	05	ff	ff
360	00110	07	+	+
396			+	+
257	00120	10	+	+
262	00120	09	+	+
222	00121	08	tl_o	+
302	97111	08	+	ir_oid_o
334	97121	11	r_of	ff
318	00101	08	+	+
204	00100	09	~~ff~~ f	~~f~~ FF
131	00100			
162	97080	05	tl_or_o	fFF
135	02101	06	tlr_otlr	+
140	00120	06	+	+
171	00090	05	+	+
091	00080	05	fif	jf
005	00101	08	+	ff
075	00120	09	+	+
010	00100	08		
049	00130	14	+	+
026	00110	05	+	+
022	00120	07	+	+
100	00110	10	+	+
917	00100	07	+	+
980	9712	10		
976	9712	07		
965	0013	11		
969	9712	08		
962	0014	13		
952	9713	13		
953	0112	12		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_vapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02001	82502	98022	18007	35532	00002	/////	/////	05301	10874	3////	34904
L	99570	70201	02004	73615	97022	13509	754//	00010	83714	87625	0//06	11065	30303	34804
M	99659	10021	02004	11713	93414	18208	00901	00707	/////	/////	00208	10722	30302	/////
R	99470	70169	02004	81724	96616	07814	871//	00803	/////	/////	0//14	11365	30808	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_vapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	02061	71907	98032	16707	55530	00701	/////	/////	05303	10874	30302	35803
L	99570	70201	02064	53511	98012	15409	48430	00312	82815	83630	0//05	11065	30303	34804
M	99660	10020	02064	02013	94104	15908	00900	00710	/////	/////	00208	10724	30302	/////
R	99470	70168	02064	81627	96026	07214	862//	00301	88703	/////	0//14	11333	30710	/////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42562

Date of Issue SATURDAY 3 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 2 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	21606	72021	22221	21630	13806	82832		
Hurn	862	41507	65031	22522	11680	11805	81835	83360	
Manston	797	42702	56051	23522	11680	14705	81830	84359	
Gatwick	776	41805	75031	22723	32630	11708	83845		
Kew	775	13501	70021	22722	12600	09810	81845		
Heathrow	772	10902	65021	22723	12600	14707	81840		
Honington	586	71707	78032	22623	11602	09803	81835	87078	
Wattisham	590	52508	68031	22823	11601	11704	81840	85075	
Gorleston	497	81605	48052	22815	21507	12400	82825	88275	
Aberporth	502	70105	60055	22515	785//	12703	86820		
Filton	628	31503	72031	22123	31600	12808	83845		
Rhoose	715	21706	56054	22418	12530	13807	81820		
Hartland Point	703	70604	60036	22814	785//	13502	83820	87630	
Mount Batten	827	62208	50054	21917	65600	13805	86630		
St.Mawgan	817	70000	50055	22417	782//	14703	81705	84812	87640
Scilly	804	51109	60031	22418	32402	13104	83818	84075	
Culdrose	809	71205	35054	22316	783//	13801	83709	86622	
Guernsey	894	11505	59051	21819	12680	14803	81845		
Elmdon	534	21906	64034	22222	12530	12706	81828		
Cardington	559	32704	60051	22723	22631	15706	82835		
Wittering	462	13004	61020	22422	11600	13803	81830		
Watnall	354	12407	60020	22522	12600	14704	81830		
Shawbury	414	22002	56044	22220	21400	14808	82816		
Finningley	360	22405	65030	21725	22600	14707	82845		
Spurn Point	396	10000	58051	22222	00901	13801	81075		
Leeming	257	32808	82030	21123	32700	11802	83850		
Tynemouth	262	02708	61021	21221	00900	12001			
Carlisle	222	43008	62011	22217	41502	14802	84820		
Valley	302	32009	57056	22916	18402	13801	81812	83078	
Ringway	334	32707	58034	22520	31500	14702	83820		
Squires Gate	318	22806	58041	23217	21530	13000	82822		
Ronaldsway	204	81503	35044	22813	852//	11001	85705	85710	88657
Mull of Galloway	131	81808	48054	22512	862//	11204	83704	88710	
Eskdalemuir	162	42212	64054	21618	42601	12001	84832		
Prestwick	135	42712	80021	21517	28672	12802	82835		
Abbotsinch	140	32211	75021	20720	18502	10806	81828	83075	
Leuchars	171	22415	65030	19623	22600	10603	82840		
Dyce	091	10907	59050	18121	12600	15607	81830		
Lerwick	005	11808	50054	18516	00901	12504	81080		
Wick	075	11808	68051	18218	00901	11705	81075		
Sule Skerry	010	02508	48050	18315	00900	13206			
Cape Wrath	049	62318	58051	18915	00906	13211	86270		
Stornoway	026	62015	56051	18916	11572	13105	81820	83362	85070
Benbecula	022	71908	50051	19314	753//	13205	81707	85618	87635
Tiree	100	71712	59051	20314	757//	11208	87656		
Aldergrove	917	72310	70021	21017	785//	11602	82824	86640	
Malin	980	72311	83031	19919	785//	10302	82824	87648	
Belmullet	976	81914	83032	19116	5543/	12103	81719	85638	85359
Birr	965	81907	82022	20716	885//	11301	85822	88635	
Dublin	969	81502	70038	21316	854//	13801	83618	88645	
Shannon	962	61912	84012	20018	42502	12002	84825	85075	
Roches Point	952	71506	82026	21515	784//	12104	85712	87640	
Valentia	953	71812	84022	19616	78500	12002	81820	87640	

OBSERVATIONS at 18h. 2 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	11607	80021	20421	11600	10607	81840		
862	11605	70010	20719	10880	12712	81357		
797	41405	70030	21420	40931	13608	84359		
776	12007	84020	21121	14700	11606	81850		
775	20000	81011	20522	28630	13810	81845		
772	22005	70011	20423	24630	14710	81845		
586	50902	75151	20923	54630	11608	83845	83657	
590	31609	70011	21022	38630	13607	81845		
497	81208	48052	21516	00907	12704	88275		
502	10205	58051	21415	16101	13708	81702		
628	60302	70018	20121	68660	15708	81840	85656	
715	12404	60050	20118	12530	11610	81825		
703	70000	60051	21014	785//	13709	83820	85630	
827	22105	15401	20315	25600	13708	82640		
817	50108	60052	20715	55302	13609	82709	84630	
804	50000	15401	21015	56302	12707	85706		
809	32504	56051	20415	38401	13811	81715		
894	10106	58050	20019	10980	14809	81358		
534	21406	68010	20222	22660	12610	82845		
559	40202	70011	20523	32631	14611	83840		
462	31805	70011	20722	12760	14707	81850	83360	
354	22902	70010	20722	28600	13812	81840		
414	21802	63041	19822	28600	15612	81835		
360	22306	65011	20124	22600	14708	82845		
396	11209	40010	20417	13500	13710	81925		
257	12910	86011	20423	11701	12602	81850		
262	71606	69021	19819	5563/	12609	85630		
222	42709	62031	20917	18532	13705	81826	84075	
302	22307	70020	21617	11502	11709	81820		
334	12702	62020	20322	18600	13710	81840		
318	23408	75030	21518	00901	13707	82080		
204	62302	15282	21613	16006	12710	81700	86275	
131	92310	01454	21611	9////	11605	89///		
162	62209	75031	21017	12604	11602	81830	86075	
135	62609	82021	20717	38602	11704	81830	83656	
140	62311	80011	20418	38632	11602	81830	83650	86075
171	62413	75031	19521	11602	12400	81845	86075	
091	73108	68258	17121	735//	14301	84926	85656	
005	22508	50050	17414	10981	11601	81360		
075	73309	58051	19415	40938	11206	84359	87272	
010	83601	48052	19213	864//	11206	88715		
049	82716	58052	19613	00907	11211	88270		
026	82607	40212	19215	6552/	13201	83625	86640	88462
022	72005	75205	19514	753//	13001	81708	87650	
100	81808	59052	20015	30977	12801	83360	88275	
917	31906	70011	20119	28501	12706	82824		
980	70000	62102	19813	785/2	11400	82826	87650	85070
976	82012	84216	18816	855//	12804	82721	88640	
965	71805	84032	19918	785//	10503	82824	86638	
969	81303	70032	20415	856//	12606	83630	87645	
962	61612	82022	19418	656//	12602	81640	86656	
952	61608	82022	20816	28401	12704	82817	86075	
953	51811	84012	19316	58501	12803	81823	85645	

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00230	099 +		+
862	00230	112 +		+
797	00230	088 +		+
776	00240	118 +		+
775	00240	049 +		+
772	00250	060 +		+
586	00250	093 +		jp
590	00240	122 +		+
497		133		
502	00170	068 +		jf
628	97240	082 +		pr$_o$
715	00220	107 +		+
703	00170	047		
827	00180	102 jf		jf
817	00180	018 +		+
804	00180	113 +		jf
809	00180	044 +		+
894	00210	127 +		+
534	00230	120 +		+
559	00230	084 +		+
462	00250	112 +		+
354	00241	125 +		+
414	00230	074 +		+
360	00260	121 +		+
396		... +		+
257	00250	113 +		+
262	00230	083 +		+
222	00201	099 +		+
302	00180	082 +		jf
334	00231	110 +		+
318	00201	112 +		+
204	00150	029 if		ifF
131	00140			
162	00200	081 +		+
135	00190	123 +		+
140	00210	089 +		+
171	00230	141 +		+
091	97250	106 +		pr$_o$
005	00200	115 +		+
075	00210	103 +		+
010	00170			
049	00150	073 +		ff
026	01181	061 +		ir$_o$
022	97160	019 id$_o$		id$_o$ir$_o$
100	97160	043 +		ir$_o$
917	00190	038 +		+
980	0020	039		
976	9717	004		
965	0020	016		
969	9717	005		
962	0021	046		
952	9717	051		
953	0019	054		

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

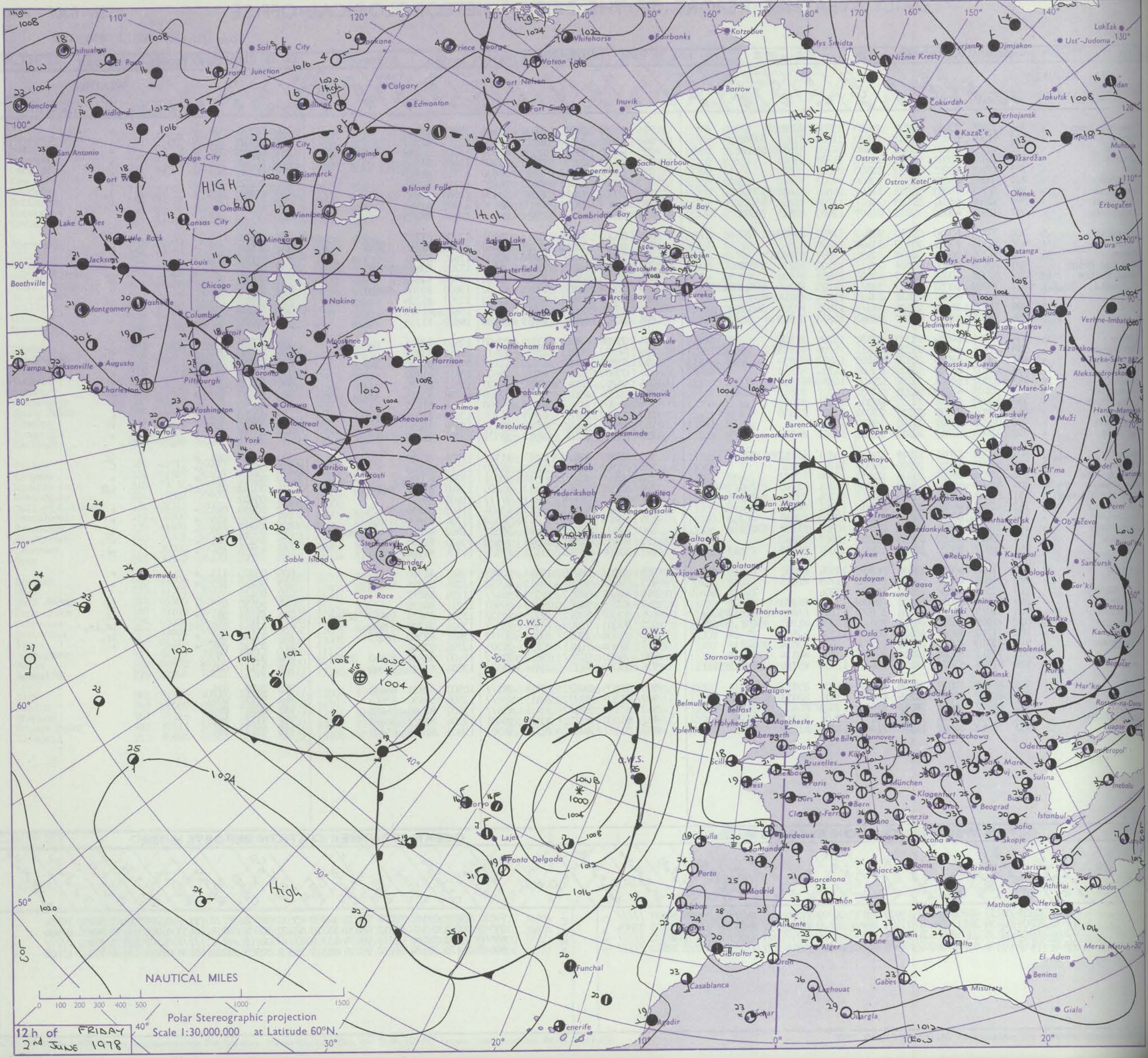
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	02121	71808	98022	15608	45530	00703	/////	/////	0//06	10896	30503	/////
	99570	70203	02124	20512	98031	17109	21401	00210	82815	/////	0//05	11109	30303	33804
	99660	10020	02124	21917	93424	14009	20930	00716	/////	/////	0//08	10734	30302	/////
	99471	70168	02124	81620	96022	08814	862//	00106	88705	/////	0//14	11327	30810	/////

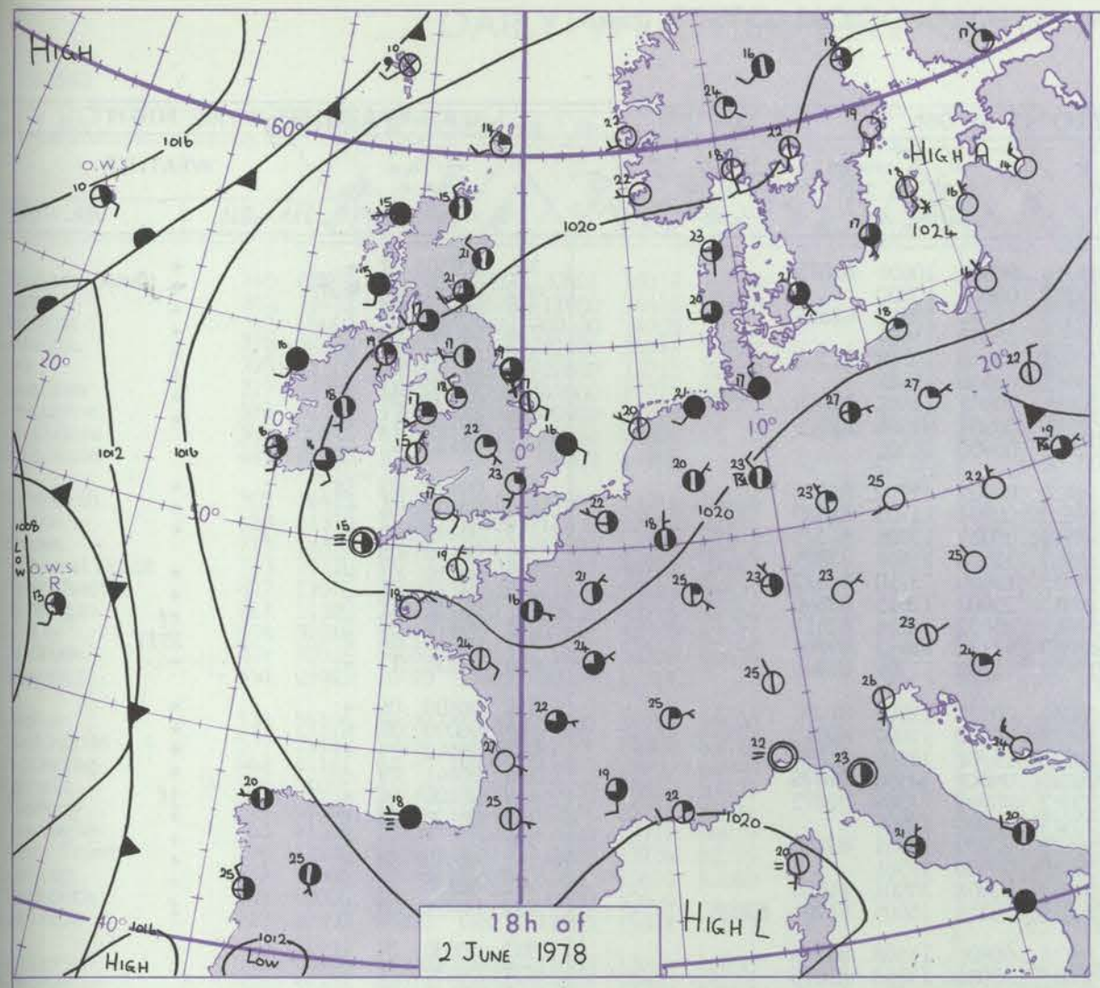
OCEAN WEATHER STATION REPORTS at 18h.

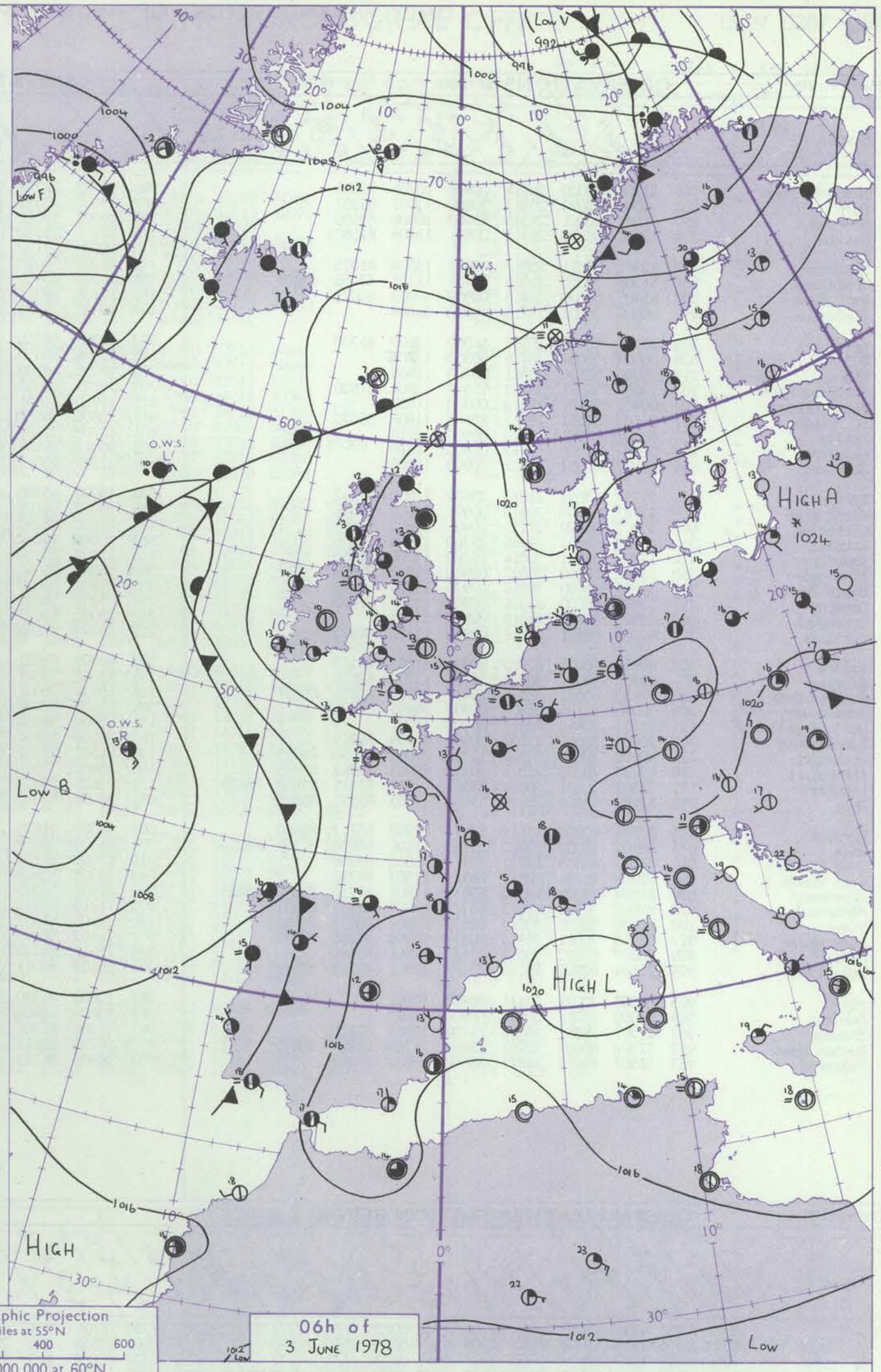
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	02181	72008	98032	14309	45532	00708	/////	/////	0//07	10860	30402	19904
	99569	70204	02184	50912	98031	15710	58400	00804	83818	84630	0//05	11130	30303	07904
	99660	10020	02184	92313	93454	11708	9////	00710	/////	/////	0//07	10733	30302	/////
	99469	70170	02184	51810	98016	08313	58502	00303	82820	83630	0//12	11364	30000	15808

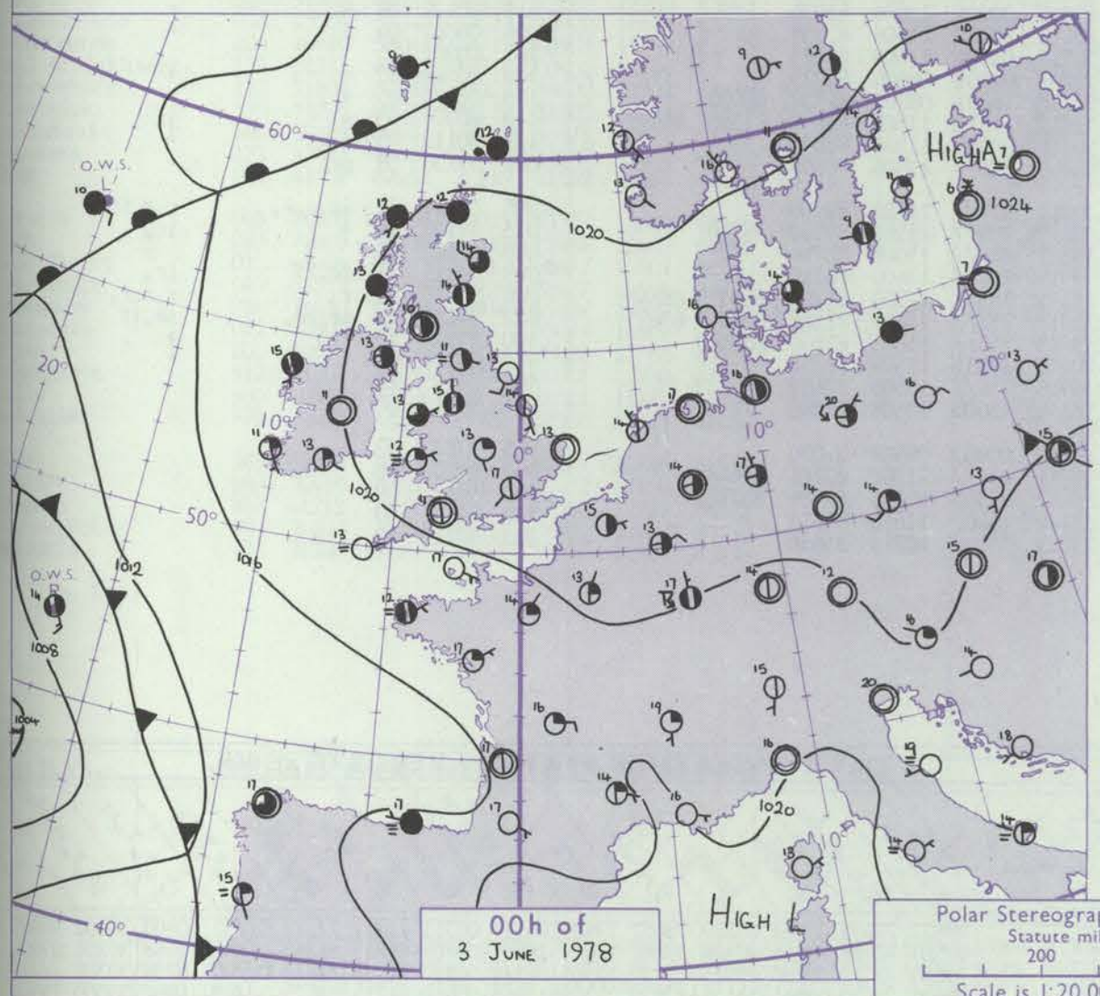
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

06h of
3 JUNE 1978

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 3 JUNE 1978

Over the past 24 hours the high pressure area extending from Scandinavia to the western Mediterranean drifted slowly south as a depression moved steadily east off northern Norway. The depression to northwest of Spain has remained slow-moving but the associated cold front moving east, is now lying over Portugal.

During the next 24 hours the Atlantic depression will continue to fill as it moves slowly northeast and the cold front move slowly east into Spain. The belt of high pressure over Europe will persist, with a new centre probably developing over the North Sea as the one over Poland declines.

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

Code FM 11.V — OBSERVATIONS at 00h. 3 June 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	21204	65020	20914	00901	10706	82075		
Hurn	862	30000	62030	20513	30880	12707	83357		
Manston	797	31203	70021	21313	35700	10806	83650		
Gatwick	776	12501	58100	21312	00901	11806	81080		
Kew									
Heathrow	772	12302	64011	20917	00901	13804	81075		
Honington	586	51206	58022	21415	35701	11703	83656	83078	
Wattisham	590	41406	65030	21416	00902	10803	84075		
Gorleston	497	00000	56051	21713	00900	11806			
Aberporth	502	20705	15401	20512	16002	12809	81700		
Filton	628	00000	59051	20716	00900	12705			
Rhoose	715	00000	58110	20511	00900	11805			
Hartland Point	703	10000	74011	20213	15500	12608	81620		
Mount Batten	827	00902	50101	19612	00900	11807			
St.Mawgan	817	30506	56051	19913	35500	11808	83622		
Scilly	804	00702	15101	19613	00900	12710			
Culdrose	809	00705	57100	19512	00900	11810			
Guernsey	894	01107	62051	19417	00900	12808			
Elmdon	534	21702	63021	21013	25600	12801	82647		
Cardington	559	22602	60100	20912	00901	12802	82078		
Wittering	462	32002	58020	21215	00901	12802	83075		
Watnall	354	10000	50051	21216	15700	13804	81656		
Shawbury	414	13302	56041	20814	15700	12000	81650		
Finningley	360	12805	59040	20917	00902	14803	81075		
Spurn Point	396	11506	56020	20914	10970	13804	81360		
Leeming	257	12905	68020	21514	00901	11001	81080		
Tynemouth	262	02810	80021	21615	00900	11400			
Carlisle	222	41002	45101	21811	00902	11102	84075		
Valley	302	60606	58041	21013	00908	11806	86275		
Ringway	334	42302	35040	20916	35701	13702	83656		
Squires Gate	318	73602	65031	21515	754//	12802	82615	86657	
Ronaldsway	204	30305	59104	21509	00902	08803	83075		
Mull of Galloway	131	01103	02444	21811	00900	11201			
Eskdalemuir	162	10000	70011	22707	00902	06104	81075		
Prestwick	135	40000	70031	21510	15701	09002	81650	84075	
Abbotsinch	140	62703	75022	21311	20932	09003	82362	85075	
Leuchars	171	73303	70022	20614	38602	11209	81835	83650	86075
Dyce	091	62909	45058	20114	35602	11103	83635	85072	
Lerwick	005	82908	40606	19112	5747/	11207	85712	88460	
Wick	075	82702	35052	20612	45737	11104	84650	87359	88270
Sule Skerry	010	81404	40515	19711	873//	11802	88708		
Cape Wrath	049	82303	64204	20512	864//	11207	88710		
Stornoway	026	81904	66026	19912	854//	12801	81710	86626	88645
Benbecula	022	82007	50506	19613	853//	13602	83707	88622	
Tiree	100	81406	58056	20013	6567/	12602	86637	88460	
Aldergrove	917	51406	70011	20913	10931	10400	81360	85075	
Malin	980	70000	80022	20013	756//	11601	87644		
Belmullet	976	71804	82022	19215	754//	12801	82719	87640	
Birr	965	00000	70021	20111	00900	10001			
Dublin	969	00000	70011	20613	00900	11802			
Shannon	962	11307	74011	19713	15700	11101	81650		
Roches Point	952	31302	80021	20213	18401	11705	81816	83075	
Valentia	953	31507	84011	18811	35600	10802	83645		

OBSERVATIONS at 06h. 3 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	10703	59050	19714	00901	10604	81075		
862	00402	40050	19213	00900	12802			
797	10505	57050	20315	15740	12505	81656		
776	00202	45100	20212	00900	11604			
775	10000	57100	20013	10940	12705	81362		
772	03202	50050	19915	00900	13504			
586	10000	45051	20615	00901	10503	81078		
590	11108	59011	20515	00901	09504	81075		
497	00000	24050	21013	00900	11501			
502	21205	56050	18614	00902	12712	82075		
628	11004	50050	19613	00901	11705	81080		
715	10706	40100	18913	00901	13706	81075		
703	30807	60050	17913	32500	11607	83825		
827	10910	50051	17015	15600	13710	81632		
817	20806	56050	17013	25600	12615	82640		
804	40709	20104	16813	25432	12716	82617		
809	90812	06434	16813	9////	13613	89/01		
894	21211	65011	17616	12680	12504	81845		
534	10000	45100	20013	00901	12604	81080		
559	20000	56101	20113	00902	12602	82075		
462	20202	56050	20116	15701	13604	81656		
354	10302	45050	20516	00901	14503	81075		
414	13602	28400	20012	00901	12504	81075		
360	03205	50040	20515	00900	12501			
396	21503	35020	20514	20970	13301	82360		
257	03202	58020	20813	00900	11501			
262	10000	61021	21213	00901	10301	81075		
222	40902	32104	20810	15331	10605	81706	83075	
302	40709	66021	19114	00901	11508	84075		
334	13002	30041	20015	00901	13703	81075		
318	20904	56041	19814	00901	12606	82075		
204	30404	82030	20112	30931	11506	83359		
131	10804	50104	20712	00901	11605	81075		
162	20000	50100	21707	00902	06604	82075		
135	61502	75021	21110	16331	08500	81708	86080	
140	70602	56101	21012	15632	11500	81645	83360	85075
171	72605	65022	20713	00902	11301	87072		
091	80000	65052	20314	855//	12304	88626		
005	92305	01476	20011	9////	11306	89/00		
075	81302	35052	20412	70977	11302	87360	88270	
010	81402	24105	19511	864//	11001	88710		
049	82303	60605	19913	874//	13400	88710		
026	81807	58216	19112	852//	12503	81703	85625	88640
022	71710	64016	18713	753//	13605	81706	85622	87635
100	71606	61052	19413	756//	11603	81640	87650	
917	11102	50101	20212	10931	11504	81358		
980	71411	81022	18916	756//	13606	87642		
976	40103	86011	18114	45600	12606	84640		
965	10000	81030	19010	00902	09507	81070		
969	70000	40404	19011	751//	11707	82701	87640	
962	41206	65101	18412	46302	10503	82709	83711	
952	20705	80011	18114	18401	11610	81816		
953	50906	84022	17013	55700	10711	85650		

OBSERVATIONS during NIGHT

iii	RRT_nT_E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00120	07	+	+
862	00090	06	jf	jf
797	00110	06	+	+
776	00090	06	+	+
775	00090	03	+	+
772	00130	07	+	+
586	00120	09	+	+
590	00130	11	+	+
497	00120			
502	00110	05	jf	+
628	00100	04	+	+
715	00100	06	+	+
703	00110	08		
827	00110	07	+	+
817	00110	06	+	+
804	00120	09	+	ff
809	00110	08	f	FFff
894	00150	11	+	+
534	00100	06	+	+
559	00090	06	+	+
462	00140	09	+	+
354	00141	09	+	+
414	00100	06	+	jf
360	00120	08	+	+
396			+	+
257	00110	09	+	+
262	00120	10	+	+
222	00091	06	f	f
302	00130	09	jf	+
334	00130	11	+	+
318	00121	08	+	+
204	00080	06	f	+
131	00081			
162	00040	02	+	+
135	00070	05	+	+
140	00070	03	+	jf
171	00110	05	+	+
091	97130	09	pr$_o$	+
005	05111	11	ir$_o$r$_o$r$_o$	r$_o$r$_o$if
075	97120	11	+	ir$_o$
010	97101	10		
049	97111	11	id$_o$ff	ir$_o$
026	93110	11	r$_o$	r$_o$r$_o$r$_o$
022	94131	12	ir$_o$id$_o$	id$_o$jf
100	97120	12	ir$_o$	+
917	00110	09	+	+
980	0012	11		
976	9711	08		
965	9707	03		
969	9710	08		
962	9711	09		
952	9712	09		
953	9711	08		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_svapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03001	73409	98026	17106	75500	00228	/////	/////	0//02	10857	3//02	///04
	99569	70205	03004	81008	98032	14809	884//	00705	85815	88630	0//07	11118	30302	07904
	99660	10020	03004	82616	95016	12407	854//	00214	/////	/////	0//06	10731	30302	/////
	99470	70170	03004	71414	98032	09013	65640	00301	86640	/////	0//13	11367	30706	/////

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_svapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03061	83407	98022	19405	855//	00311	/////	/////	0//52	10803	30402	30005
	99569	70206	03064	80508	98602	12409	2847/	00709	81815	88363	0//07	11088	30201	07904
	99660	10019	03064	82915	97022	15305	854//	00216	/////	/////	0//04	10738	30302	/////
	99470	70170	03064	51414	97036	06313	12442	00610	81715	83073	0//13	11362	30000	15905

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. [illegible]

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42563

Date of Issue SUNDAY 4 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 3 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	41208	80030	17323	32601	10714	83845		
Hurn	862	11411	62020	17623	11600	14610	81640		
Manston	797	00809	50050	19421	00900	14705			
Gatwick	776	20808	64030	18124	22600	14711	82842		
Kew	775	21105	62020	18323	22600	13711	82840		
Heathrow	772	41206	61030	18223	42600	15713	84838		
Honington	586	01313	59020	19523	00900	12808			
Wattisham	590	00912	61020	19521	00900	12806			
Gorleston	497	00803	32050	20714	00900	10705			
Aberporth	502	31413	70030	16623	31600	13711	83830		
Filton	628	11310	75030	17724	11600	12814	81835		
Rhoose	715	11310	66030	17422	11600	14715	81832		
Hartland Point	703	11220	66051	15823	10940	14708	81360		
Mount Batten	827	11015	70030	15522	11631	15710	81835		
St.Mawgan	817	11320	75020	14523	10930	13716	81360		
Scilly	804	31018	58024	13819	00902	14713	83075		
Culdrose	809	10914	60054	15218	15700	14708	81656		
Guernsey	894	01015	70020	15622	00900	12711			
Elmdon	534	51106	64031	18421	52600	14711	85840		
Cardington	559	51110	62051	18823	42501	15808	83825	83835	
Wittering	462	41111	64030	18924	41600	13709	84840		
Watnall	354	31007	61030	18924	32600	16811	83835		
Shawbury	414	61306	61041	18023	626//	15714	86831		
Finningley	360	41006	65030	19026	42600	15712	84838		
Spurn Point	396	21209	45050	20519	00902	13704	82075		
Leeming	257	11605	60040	19424	12601	15810	81840		
Tynemouth	262	00000	69020	21016	00900	12804			
Carlisle	222	10903	60030	18823	12600	15812	81833		
Valley	302	10607	64020	17624	11600	13709	81830		
Ringway	334	51708	68031	18424	52600	12709	85845		
Squires Gate	318	23205	58040	18523	22600	16810	82830		
Barrow/Walney	204	10810	58041	18719	00901	11709	81075		
Mull of Galloway	131	01211	82010	19516	00900	10709			
Eskdalemuir	162	51604	80021	19321	38632	12707	83830	84075	
Prestwick	135	51205	81012	19123	41602	10811	81830	85080	
Aberdeen	140	60902	81021	19421	586/1	10610	81835	85650	
Leuchars	171	51011	65031	20717	11602	11400	81830	85075	
Dyce	091	41007	62051	20119	11632	12601	81830	83075	
Lerwick	005	71805	62054	20015	5537/	11802	81706	85645	87363
Wick	075	71408	58056	20515	15632	12603	81645	83360	86072
Sule Skerry	010	81804	60105	19712	864//	12801	88710		
Cape Wrath	049	82313	76026	19714	864//	11604	88715		
Stornoway	026	71610	66052	19316	6543/	13801	84618	84635	85357
Benbecula	022	71809	75402	18717	750//	14601	81700	83620	87640
Tiree	100	41609	60051	19117	35830	13705	83657		
Aldergrove	917	11107	70030	18721	00901	12708	81075		
Malin	980	10919	60051	18116	18501	11710	81824		
Belmullet	976	31809	83011	15920	38500	13711	81820		
Birr	965	61109	70011	16121	625//	12816	86822		
Dublin	969	30910	70011	17817	15602	12709	81645		
Shannon	962	41212	75030	15221	42500	13717	84822		
Roches Point	952	70813	50051	15516	764//	13612	87713		
Valentia	953	31308	84011	14521	32600	12809	83830		

OBSERVATIONS at 18h. 3 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
746	11707	75021	14723	11601	12712	81840		
862	21707	62030	15021	00901	12713	82070		
797	00412	50050	16517	00900	13613			
776	10711	62020	15423	00901	12610	81075		
775	00807	68010	15723	00900	10710			
772	21011	62030	15723	10931	14610	81360		
586	21008	70010	17521	00901	12606	82080		
590	20708	67020	17221	00902	12713	82080		
497	00304	32050	18213	00900	11712			
502	41707	75021	14122	41600	13713	84845		
628	41510	75031	14824	44600	13711	84840		
715	11306	77020	14322	11600	12612	81835		
703	31012	70050	13721	30930	11711	83360		
827	11116	68010	13121	10981	14710	81360		
817	41219	75030	12921	40950	12605	84360		
804	61016	60021	11417	35632	13712	83630	85360	
809	40816	58050	12417	20785	12814	82356		
894	10814	62030	13121	10930	12710	81362		
534	51206	65031	15822	11604	12712	81840	85080	
559	51108	61051	16123	10936	16712	81365	85275	
462	51609	70031	16523	11702	13712	81850	85080	
354	71109	66031	16723	32601	13612	83840	86075	
414	51207	66031	15023	12604	13614	81840	85075	
360	60909	70021	16924	00901	12709	86080		
396	51012	35051	18414	00901	11710	85075		
257	21208	66011	17224	22601	11708	82845		
262	00902	61020	18716	00900	14712			
222	60807	62038	16822	686//	16611	84842	84656	
302	30508	58051	14822	38600	14713	82842		
334	31310	66011	15924	18602	13710	81845	83075	
318	41105	62258	15623	48600	17714	81840	83650	
204	10808	60040	15622	00901	13717	81080		
131	10907	74030	16618	00901	14719	81075		
162	12004	68011	16623	12600	12711	81830		
135	12907	81021	16723	12600	11710	81835		
140	20908	82011	16623	22601	12711	82840		
171	20709	58051	19115	00902	13606	82075		
091	41105	80011	18819	10932	12708	81360	84075	
005	71706	84022	19613	756//	11803	81635	87642	
075	71307	68052	19515	35732	11607	83650	86072	
010	61603	60102	18913	655//	12804	86625		
049	61405	82022	18715	6097/	11704	86360		
026	71706	84021	17915	1563/	13708	81630	87362	
022	22703	80021	17118	15530	13807	81625		
100	20510	64050	16118	11601	13719	81835		
917	01210	70020	15821	00900	12711			
980	11013	81030	14915	11602	10715	81836		
976	23610	78011	12819	22500	13717	82821		
965	11311	64011	12822	12500	13716	81826		
969	01005	60050	15019	00900	13815			
962	71511	70051	11921	786//	14514	83830	86645	
952	80717	50052	12117	856//	13615	88645		
953	71112	70011	10220	785//	14723	85827	87640	

OBSERVATIONS during DAY

iii	RRT_xT_xE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00240	140	+	+
862	00240	136	+	+
797	00220	137	+	+
776	00250	128	+	+
775	00250	136	+	+
772	00250	128	+	+
586	00250	137	+	+
590	00230	140	+	+
497		140		
502	00250	122	+	+
628	00260	101	+	+
715	00240	143	+	+
703	00230	137		
827	00230	139	+	+
817	00240	121	+	+
804	00200	087	+	+
809	01192	116	+	ir.rr
894	00230	140	+	+
534	00240	113	+	+
559	00240	121	+	+
462	00250	127	+	+
354	00251	127	+	+
414	00240	090	+	+
360	00270	135	+	+
396			+	+
257	00250	115	+	+
262	00170	128	+	+
222	97250	092	pr.	+
302	00250	126	+	+
334	00250	106	+	+
318	97261	101	pr.	pr.
204	00230	119	+	+
131	00190			
162	00240	125	+	+
135	00250	138	+	+
140	00250	113	+	+
171	00190	137	+	+
091	00210	119	+	+
005	00161	025	+	+
075	00160	053	+	+
010	00140			
049	00171	028	+	+
026	00170	047	+	+
022	00200	056	jf	+
100	00200	084	+	+
917	00230	152	+	+
980	0020	105		
976	0021	121		
965	0023	103		
969	0019	101		
962	9723	106		
952	0018	078		
953	0023	080		

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

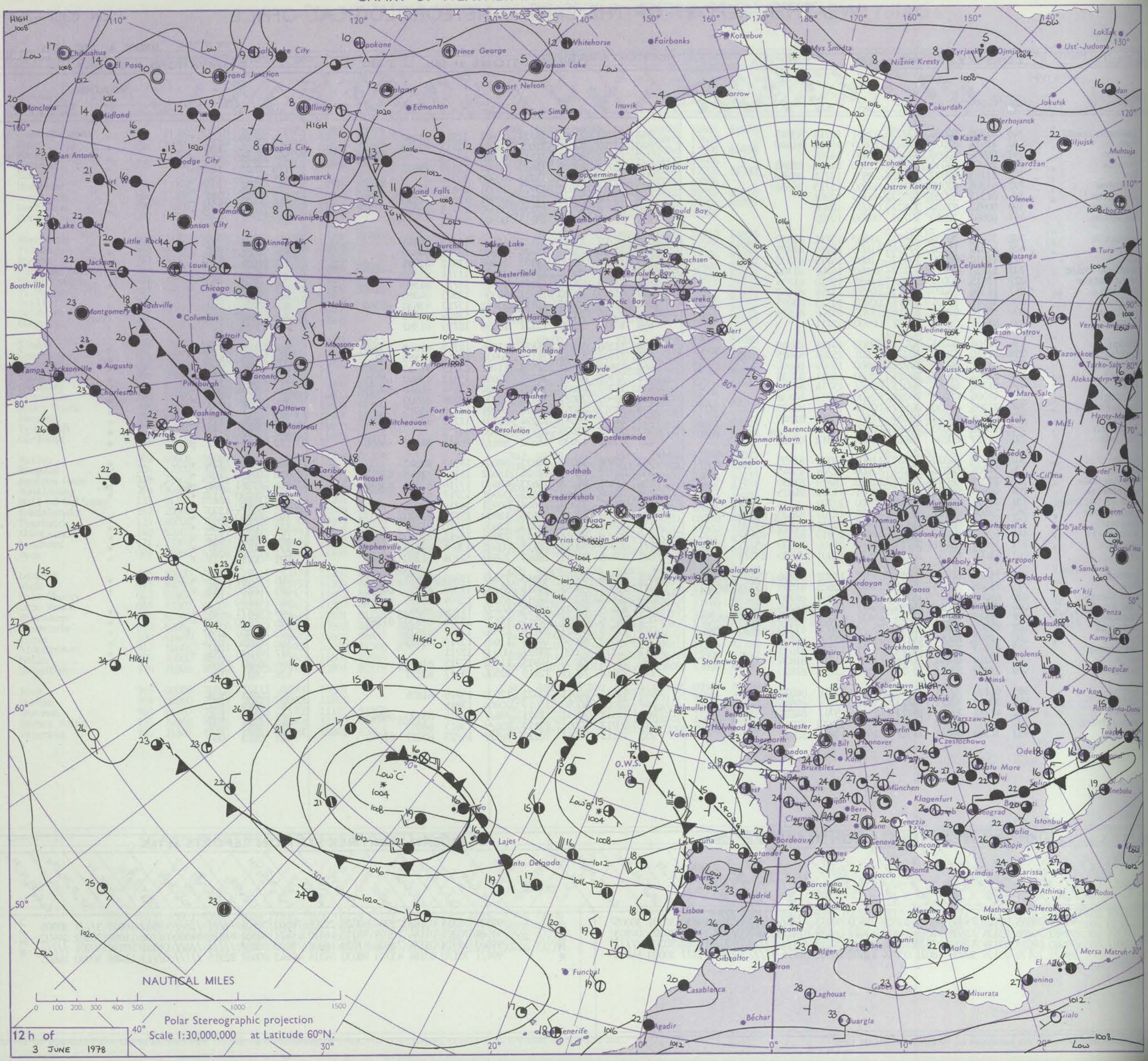
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03121	73205	98022	22005	75500	00213	/////	/////	05754	10850	30301	30005
	99569	70206	03124	73609	98016	14010	11478	00109	81815	85460	0//07	11080	30201	04903
	99660	10018	03124	82811	97022	18506	854//	00215	/////	/////	05202	10742	30301	/////
	99470	70170	03124	20908	98021	05814	12402	00702	81816	/////	0//13	11377	30000	14805

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	03181	72904	98022	22305	78500	00501	/////	/////	05552	10825	3////	30005
	99569	70207	03184	70109	98032	14810	1147/	00501	81818	84360	0//06	11091	30202	04902
	99660	10018	03184	72606	97022	18906	75400	00803	/////	/////	05301	10762	30201	/////
	99471	70170	03184	43303	98030	04314	49442	00607	82916	/////	0//13	11489	30000	14805

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 3 JUNE 1978

00h of 4 JUNE 1978

06h of 4 JUNE 1978

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 4 JUNE 1978

During the past 24 hours the anticyclone in the North Sea migrated slowly northwards. A depression to the northwest of Spain has remained slow moving but the associated cold front moved northeastwards to lie over southwest England and southern Ireland.

During the next 24 hours the anticyclone over the northern North Sea is expected to move away steadily to the northeast. The Atlantic depression will move slowly northwards, with the associated cold front expected to move into Northern Ireland and the Midlands.

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

Code FM 11.V — OBSERVATIONS at 00h. — 4 June 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	00710	59050	14516	00900	11708			
Hurn	862	03602	40050	13813	00900	12711			
Manston	797	61004	40051	15514	6097/	12807	86360		
Gatwick	776	60602	50601	15316	25670	13806	82640	86358	
Kew									
Heathrow	772	20906	56050	15417	15701	13708	81656		
Honington	586	10504	56051	17112	00901	10808	81080		
Wattisham	590	20609	58010	16713	00902	09709	82080		
Gorleston	497	00810	48050	17013	00900	11711			
Aberporth	502	11511	62020	13316	00901	11706	81070		
Filton	628	01012	62021	14316	00900	12806			
Rhoose	715	01007	66020	13617	00900	12808			
Hartland Point	703	21218	69050	11416	20970	12713	82360		
Mount Batten	827	51303	64131	12117	20981	12804	82359	85075	
St.Mawgan	817	81016	60216	11017	1268/	13718	81830	88357	
Scilly	804	81215	50626	10315	885//	15808	84823	88626	
Culdrose	809	80811	50136	10716	884//	15715	84816	86635	
Guernsey	894	11012	58130	12119	00902	14708	81075		
Elmdon	534	31202	62041	16115	00901	12801	83080		
Cardington	559	20605	58051	16313	00901	12804	82080		
Wittering	462	31007	60031	16915	00901	10802	83075		
Watnall	354	20607	57051	17414	00901	12001	82075		
Shawbury	414	30602	56041	15515	00902	13103	83075		
Finningley	360	50000	61042	17513	00902	10001	85080		
Spurn Point	396	01010	56011	18213	00900	12802			
Leeming	257	02102	65020	17914	00900	09003			
Tynemouth	262	00000	56020	18614	00900	12400			
Carlisle	222	51006	58042	16915	25702	13400	82656	85075	
Valley	302	70706	56051	13818	757//	13706	87650		
Ringway	334	11109	40040	16217	15700	12400	81656		
Squires Gate	318	30806	56041	15615	00901	13801	83075		
Ronaldsway	204	40810	59041	14717	15731	12703	81650	83075	
Mull of Galloway	131	31015	70030	15417	35600	17707	83635		
Eskdalemuir	162	83502	65028	17715	885//	12001	85825	88640	
Prestwick	135	60504	65031	16516	656//	14500	86645		
Abbotsinch	140	50709	60051	17117	55600	09801	81630	85650	
Leuchars	171	20508	25111	19012	00902	11801	82075		
Dyce	091	00000	06460	19211	00900	11602			
Lerwick	005	71908	30102	19511	753//	11804	81707	87630	
Wick	075	11407	58051	19312	10931	10803	81359		
Sule Skerry	010	71409	60102	18211	755//	11604	87625		
Cape Wrath	049	70905	82012	17715	4553/	12707	84620	86360	
Stornoway	026	20504	73011	17112	25630	12807	82645		
Benbecula	022	10808	80020	15613	15600	12711	81640		
Tiree	100	01108	68020	15313	00900	11706			
Aldergrove	917	51005	70031	14516	20932	10708	82365	85080	
Malin	980	10908	70030	14314	15632	11705	81645		
Belmullet	976	60910	68011	10817	655//	15711	83720	84640	
Birr	965	81010	62021	11718	856//	13507	88635		
Dublin	969	00000	30100	13113	00900	12712			
Shannon	962	71110	85032	09918	757//	14809	87650		
Roches Point	952	80915	50616	09715	874//	14817	88715		
Valentia	953	81019	70216	07017	856//	13612	88640		

OBSERVATIONS at 06h. — 4 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	51007	45051	12214	19601	12710	81940	85078	
862	10804	28050	11816	12630	14710	81835		
797	11109	40051	14016	10981	13706	81359		
776	10806	38046	13515	10981	13605	81358		
775	10804	32051	13716	10881	13603	81357		
772	30506	33111	13416	20981	13705	82358		
586	10806	24050	15013	00901	12605	81080		
590	10908	32050	14614	00901	12607	81080		
497	00910	24050	15613	00900	11705			
502	21518	62030	10017	20981	12709	82360		
628	00908	26050	12614	00900	12605			
715	10810	30050	11615	10981	13606	81358		
703	80915	40621	09915	5842/	15707	83710	84812	88460
827	81210	25509	11115	1868/	14304	81830	84358	88460
817	81311	30609	10715	3547/	14206	83615	88358	
804	42212	62016	10813	38502	11307	82820		
809	82408	09429	10814	860//	14302	81700	83704	88710
894	82816	04588	11514	870//	14304	85700	87701	
534	30502	56040	14114	20931	10505	82360		
559	30504	30050	14413	10931	12605	81365	83078	
462	10506	28051	14913	10930	11606	81360		
354	20409	40050	15213	20930	11609	82360		
414	30905	50040	13614	30982	11604	83362		
360	03506	19041	15613	00900	12609			
396	90405	02434	16411	9////	11104	89/00		
257	13302	33040	16911	00901	10807	81075		
262	11606	30050	17413	00901	12605	81075		
222	11008	60021	15314	10941	11706	81365		
302	10606	57051	11517	15701	13709	81650		
334	21012	57030	13917	20931	10712	82362		
318	20911	57040	13715	00901	11715	82075		
204	10711	50041	12914	00901	11704	81075		
131	11420	74030	13114	00901	13707	81075		
162	03406	70021	17613	00900	12002			
135	22803	59051	14816	15731	11605	81650		
140	60910	50056	15615	663//	13707	81706	86709	
171	60608	15281	17513	660//	13606	81701	86702	
091	90000	02434	17911	9////	11605	89///		
005	81706	65022	19113	856//	11400	88630		
075	91310	01454	18211	9////	11803	89/00		
010	61412	58102	16611	6097/	10506	86358		
049	51405	82012	15518	55500	13707	85620		
026	00201	77020	15013	00900	12808			
022	01006	81020	13315	00900	13709			
100	71013	60051	13016	5863/	12708	81840	85656	
917	41213	50041	11716	35701	12711	83650	83080	
980	10917	50050	11313	10932	11712	81359		
976	70909	58108	07717	755//	13714	82720	87640	
965	81309	62606	08515	864//	14610	85712	87634	
969	31202	57100	11114	10932	12701	81360	83070	
962	80914	56616	06315	3552/	14720	83620	88540	
952	81913	40619	07914	873//	13505	85706	88714	
953	71908	60216	06213	764//	12306	85710	85640	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	00120	11	+	+
862	01101	07	+	tl_or_or
797	00120	09	+	+
776	97130	09	r_o	+
775	00140	08	+	+
772	00150	10	+	+
586	00110	10	+	+
590	00120	12	+	+
497				
502	01141	13	1	$ir_or_or_o$
628	00130	07	+	+
715	01141	12	+	ir_or
703	05151	13		
827	15141	12	TLR	$TLRrd_o-r_o$
817	07141	14	tl_ortl_oR	ir_o
804	09130	11	ir_or	rr
809	03132	13	$rrtlr_of$	fir_of
894	97130	14	pr_ol	$pr_oir_od_or_of$
534	00120	07	+	+
559	00100	07	+	+
462	00120	11	+	+
354	00111	09	+	+
414	00120	08	+	+
360	00110	05	+	+
396			+	FFff
257	00090	06	+	+
262	00130	09	+	+
222	00120	09	+	+
302	00150	11	+	+
334	00150	12	+	+
318	00121	09	+	+
204	00130	12	+	+
131	00130			
162	97110	06	pr_o	+
135	00150	11	+	+
140	97140	12	ir_o	+
171	00120	09	+	f
091	00100	04	ffFf	Fff
005	00111	11	+	+
075	00100	09	+	FFff
010	00110	10		
049	00131	12	+	+
026	00100	05	+	+
022	00110	06	+	+
100	00120	05	+	+
917	00150	11	+	+
980	0012	10		
976	9716	14		
965	9515	14		
969	9711	10		
962	0415	14		
952	1713	14		
953	0912	12		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04001	82205	98022	22005	3855/	00803	/////	/////	05501	10828	3//01	30/04
L	99568	70206	04004	60311	98022	15810	11471	11107	81818	83360	0//05	11081	30202	04803
M	99660	10018	04004	71707	97022	18306	75400	00706	/////	/////	05202	10755	30401	/////
R	99469	70169	04004	32412	98020	04214	12402	00400	81816	83070	0//13	11450	30000	14805

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04061	81908	98022	18807	855//	00715	/////	/////	05203	10812	30402	28904
L	99569	70203	04064	70319	97032	13510	6843/	00610	83818	85635	0//07	11080	30404	04804
M	99661	10018	04064	81320	96636	14307	5732/	00724	/////	/////	00007	10746	30403	/////
R	99469	70169	04064	72520	97032	03013	784//	00604	85815	83630	0//12	11386	30503	16805

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. 42564

Date of Issue MONDAY 5 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 4 June 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	81913	59606	13117	854//	15209	82710	85618	88650
Hurn	862	82107	30619	13415	6527/	14315	82703	86630	88360
Manston	797	71309	50051	13623	00901	16000	87075		
Gatwick	776	62115	58251	13423	2868/	16305	82830	85360	
Kew	775	61605	60171	12125	696//	16710	82930	84835	
Heathrow	772	71913	15951	12325	795//	17507	87928		
Monington	586	51312	59031	13624	12632	18708	81830	84078	
Wattisham	590	41212	60020	14023	11631	13603	81840	83080	
Gorleston	497	01106	16101	15515	00900	12400			
Aberporth	502	81916	08506	11515	870//	15313	88701		
Filton	628	81306	28636	12617	5562/	17110	85630	88550	
Rhoose	715	81405	22106	12317	853//	16309	81708	88640	
Hartland Point	703	72612	64016	12714	38472	13119	81810	83640	85360
Mount Batten	827	72110	75036	13517	12482	13218	81815	87075	
St.Mawgan	817	71912	80026	13017	62432	11312	86818		
Scilly	804	51817	64011	12317	52402	13209	85818		
Guldrose	809	72115	70034	13116	784//	12211	81710	83815	86625
Guernsey	894	72615	68036	15316	45832	11119	84657	86075	
Elmdon	534	11310	61041	11724	11600	15812	81835		
Cardington	559	31210	60051	12325	22601	17810	82845		
Wittering	462	51410	60051	12823	21681	15711	82845	83359	
Watnall	354	11110	50051	13023	11600	17810	81835		
Shawbury	414	31310	57041	10823	22631	16816	82830		
Finningley	360	11012	64030	12925	11600	14819	81840		
Spurn Point	396	21118	30054	14815	00902	12813	82075		
Leeming	257	51214	58041	14023	00902	14716	85078		
Tynemouth	262	01112	32050	16215	00900	13810			
Carlisle	222	31314	63020	12825	22682	14719	82838		
Valley	302	72118	58601	10716	3267/	13302	83840	87459	
Ringway	334	21214	56041	11825	10881	15813	81357		
Squires Gate	318	11115	57040	11425	10981	17713	81358		
Ronaldsway	204	21014	50041	10619	20980	13713	82358		
Mull of Galloway	131	71420	70031	11116	6268/	14814	86835		
Eskdalemuir	162	11214	65020	13521	18600	10711	81830		
Prestwick	135	61513	75031	11724	38682	10716	81840	83656	85358
Abbotsinch	140	30615	62051	12624	21602	12720	82840	83080	
Leuchars	171	00914	30051	16116	00900	13709			
Dyce	091	11108	40054	16819	00902	13705	81075		
Lerwick	005	11607	18404	18514	18000	11804	81700		
Wick	075	81313	08424	17112	860//	11708	82700	88701	
Sule Skerry	010	91415	03471	15412	9////	11708	89/00		
Cape Wrath	049	31413	80031	13817	30970	13710	83360		
Stornoway	026	30406	65056	13316	10932	13709	81362	83070	
Benbecula	022	01312	66011	11822	00900	15711			
Tiree	100	01214	59051	11120	00900	14715			
Aldergrove	917	31312	56041	10821	15731	12712	81650		
Malin	980	31122	56051	09018	10981	11714	81359	83080	
Belmullet	976	81810	62606	06617	6547/	14708	82718	85640	87459
Birr	965	71509	75016	08018	625/2	12000	86822	84070	
Dublin	969	81310	07616	09314	861//	13710	83702	84703	86705
Shannon	962	71713	82026	07419	52532	12400	85824	83075	
Roches Point	952	71315	70256	09115	784//	13104	84716	87636	
Valentia	953	71513	75258	06618	725//	14201	87821		

OBSERVATIONS at 18h. 4 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	62213	84026	14317	11682	10005	81840	85075	
862	52412	78016	15117	11542	12110	81820	85075	
797	82111	59258	14420	70987	15306	83358	87362	88272
776	72207	68022	14818	38588	12106	81820	83656	85359
775	72406	68029	14119	28531	13106	81825	85360	
772	72407	70039	14020	1257/	14007	81820	87358	
586	82008	37959	14019	5962/	17306	82940	84656	88462
590	72307	32299	13719	4967/	17301	82930	83656	87465
497	01606	16050	14015	00900	13708			
502	71917	80035	11916	12502	10705	81820	87075	
628	22708	68016	13819	18681	13108	81830		
715	42505	82011	13517	18602	12001	81830	84075	
703	72408	72022	13315	32473	13702	83815	83360	87075
827	52113	57051	14515	48402	13603	81816	84650	
817	71814	80802	13515	784/2	13703	83710	86816	
804	61914	66022	12815	22402	13601	82818	85075	
809	72114	58052	13215	784//	13803	81710	84815	87625
894	32606	78031	15917	10982	11801	81361	83075	
534	72210	60049	12519	32461	14106	83818	86360	
559	72209	59219	13319	12682	17301	81830	85360	87075
462	82008	58609	12818	886//	17504	82840	88656	
354	71705	30299	12718	59563	17209	83825	82940	84360
414	62509	81019	12117	23538	12112	81920	83362	86272
360	71802	65291	11818	20988	16000	82359	87275	
396	51112	25051	13014	22570	12607	82825	85360	
257	71210	62031	11321	38682	12614	82840	85360	86075
262	71117	30051	12514	50934	12719	85359	87075	
222	72813	59171	10518	6348/	16503	83710	85930	85360
302	42115	80016	11515	15542	12806	81620	84075	
334	82005	22619	11518	6552/	17006	82625	86650	88458
318	82513	62219	11715	852//	13012	82705	85625	88650
204	72305	62016	11012	65378	11502	81708	86650	86360
131	72120	69284	10312	6552/	11603	86625	87360	
162	60908	60051	10020	38602	13614	81830	83650	86075
135	83107	45299	09716	6947/	15803	81715	86940	88365
140	82406	50958	09717	6947/	16506	81715	85928	
171	00815	56050	13115	00900	12616			
091	81105	07461	15112	860//	11610	85700	88701	
005	81310	10284	16811	860//	10712	85700	88702	
075	91316	03474	13811	9////	11715	89/00		
010	91118	03454	12011	9////	11719	89/00		
049	41405	70050	10318	21570	13721	82820	84360	
026	10610	70050	08517	10930	13826	81360		
022	50710	70021	07721	20932	14825	82360	85070	
100	71210	57051	07816	757//	13714	87650		
917	61808	65016	08717	26431	13508	82713	86070	
980	71717	61106	07118	36478	15711	82716	85359	87270
976	50410	80256	05514	4356/	12608	83921		
965	51714	83012	07717	32502	11705	83825	83070	
969	71410	84016	09217	48502	12500	81824	83635	85070
962	51814	80018	06415	43504	11504	83822	81922	83075
952	61819	75028	08615	634/2	12501	86817	81917	
953	71816	75038	05914	724//	12306	87819		

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	02210	081	r_or	+
862	06191	064	$tl_or_oRrr_o$	+
797	97240	076	pr_o	pr_o
776	97250	080	pr_o	+
775	97260	078	tl~~tl~~r_o	~~tlr_o~~ +
772	01260	079	$tlRpr_o$	r_or_o
586	01261	095	tl_o	tl_or_o-tl_or
590	01240	096	+	tlr_otlr
497		092		
502	02181	063	$r_or_orrfd_o$	pr_o
628	03220	071	r_or_orr	+
715	06180	051	rR	+
703	97170	048		
827	00181	080	+	+
817	97180	065	+	pr_o
804	00171	085	+	+
809	00170	075	+	+
894	00180	072	f	+
534	05251	060	$pr_otl_or_otl_oR$	pr_o
559	02260	062	tl_otlr	tl_opr_or
462	03261	081	pr_o	pr_otlrRr_o
354	09271	076	+	tlR-pr_o
414	03251	049	tl_or-Rr	rr_or_o
360	02261	105	+	tl_or-rr_or_o
396			+	ir_o
257	94241	107	+	$prpr_o$
262	00160	115	+	+
222	04261	106	+	$tl_or_otl_oRr_orR$
302	01251	087	$rrir_ofr_or_o$	+
334	08251	069	+	$tl_or_oRrr_oRr_o$
318	06261	090	+	tl_or_oRr~~irR~~ir_o
204	02191	068	r_o	r_o-rR
131	01160			
162	04231	117	+	$pr_oprr_or_o$
135	17271	090	+	$prtlrRtlRrr$
140	39262	068	+	tl_oh_oTLR
171	00180	103	+	+
091	00200	090	+	jffffF
005	00161	060	ff	ff
075	00120	000	ff	ffFF
010	00130			
049	00210	125	+	+
026	97180	123	r_o	+
022	04251	108	+	pr_oR
100	97220	079	+	ir_or_o
917	01230	076	r_o	r_or_o
980	0121	078		
976	0318	030		
965	0119	054		
969	0220	030		
962	0319	052		
952	9417	076		
953	0219	043		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

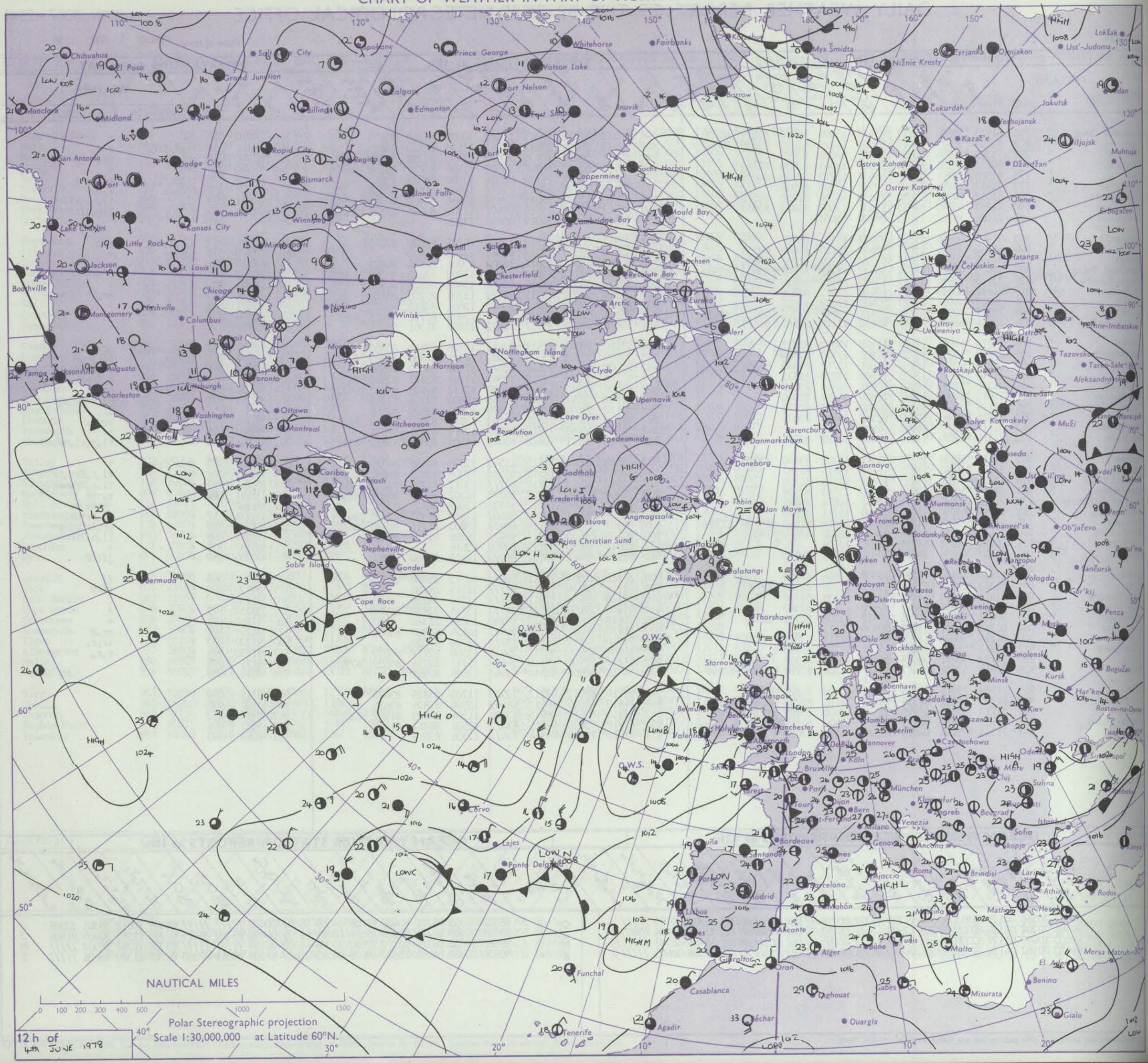
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04121	81912	97606	15208	8732/	00718	/////	/////	05007	10832	30705	/////
L	99568	70204	04124	80322	97218	12009	6547/	00813	83710	85620	0//07	11076	30404	05805
M	99660	10020	04124	92320	94436	13308	9////	00205	/////	/////	00108	10751	30503	/////
R	99470	70167	04124	32520	98018	04814	28531	00210	81820	/////	0//12	11380	30605	/////

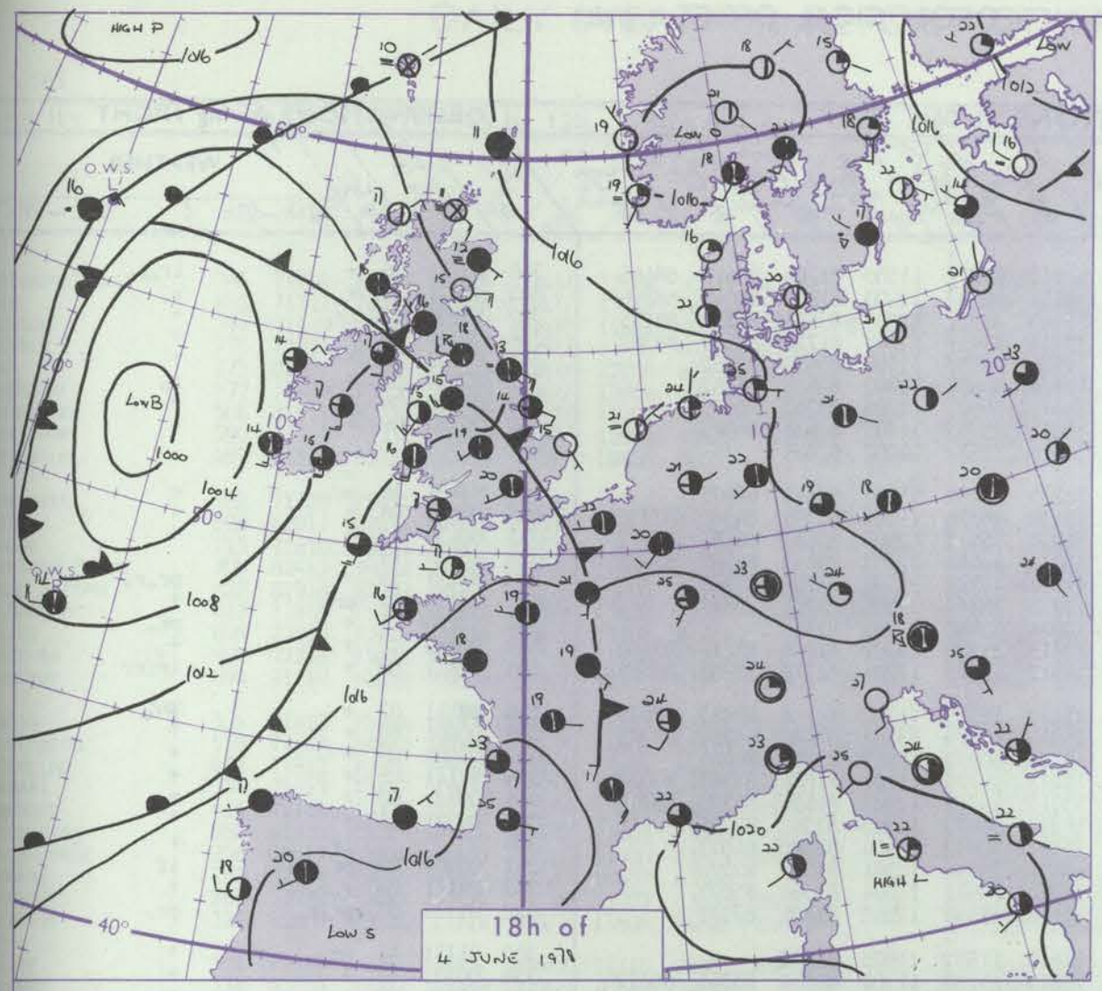
OCEAN WEATHER STATION REPORTS at 18h.

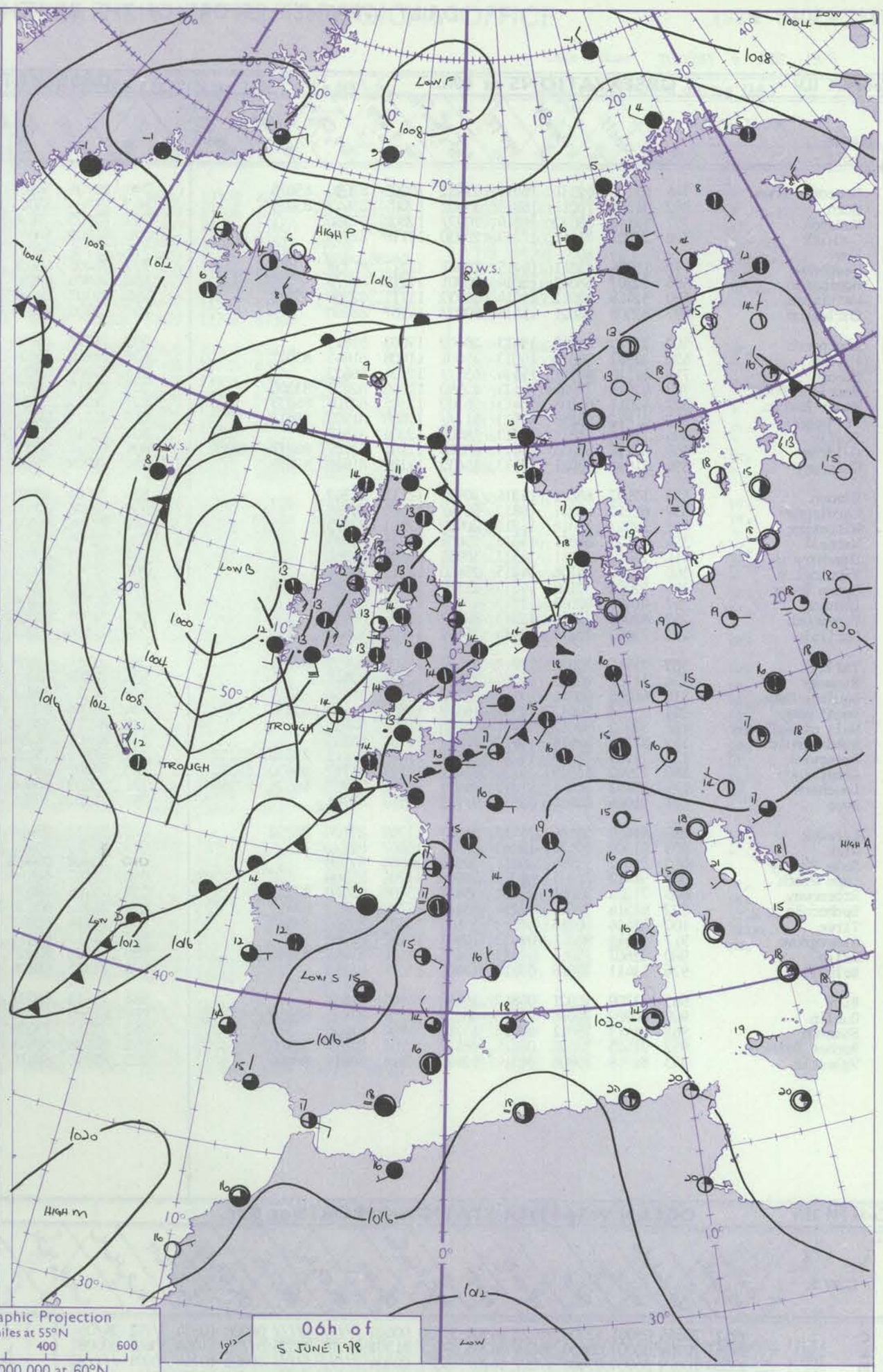
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	04181	82406	98026	14309	2555/	00400	/////	/////	00207	10812	30201	22005
L	99567	70205	04184	80225	97616	08809	6732/	00820	83709	86615	0//08	11083	30405	01906
M	99660	10020	04184	52712	97012	15706	46330	00104	/////	/////	05206	10767	30302	/////
R	99470	70169	04184	72620	98026	06213	3247/	51209	83813	87360	0//13	11389	30606	/////

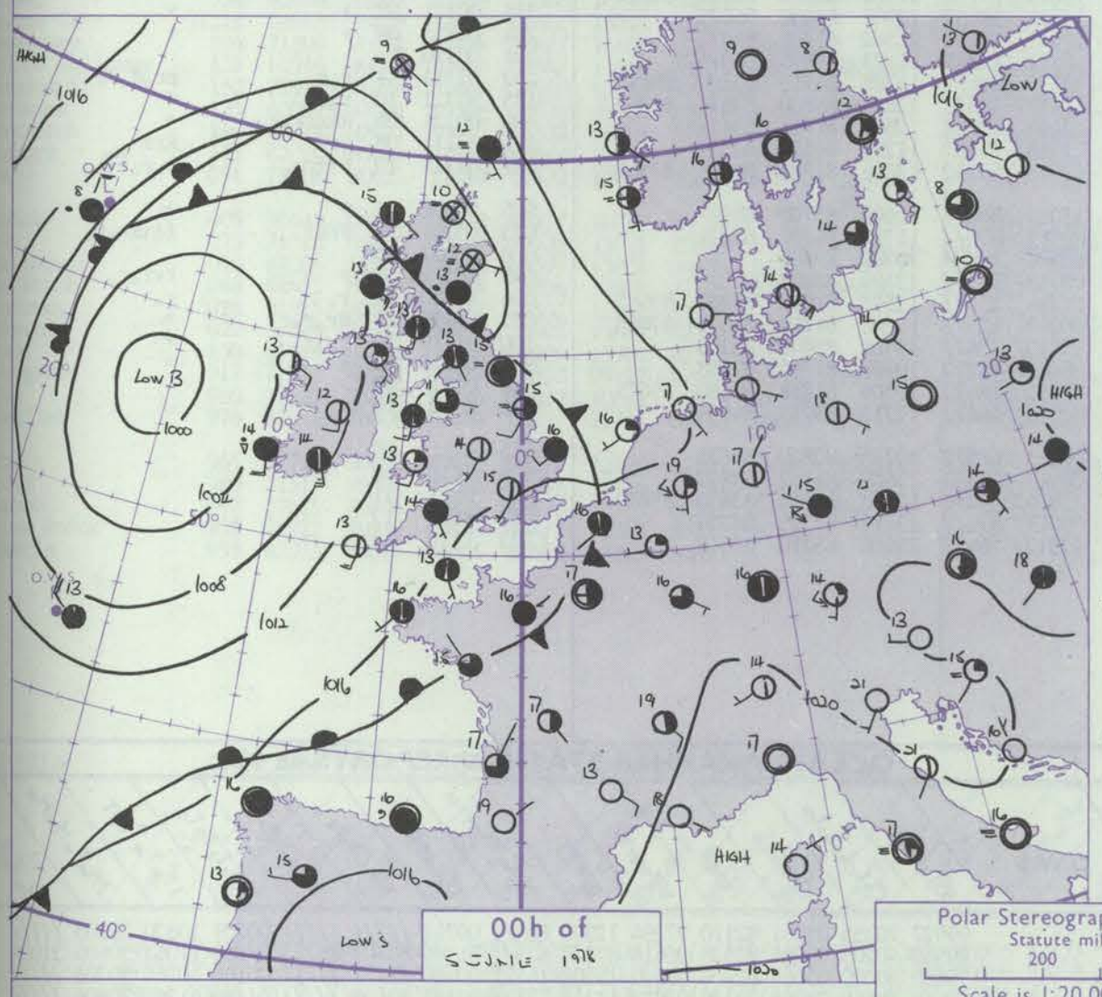
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 5 JUNE 1978

A depression southwest of Ireland has moved steadily north. An associated thundery cold front from southern Ireland to western France has moved northeast and now extends across Orkney to north Holland, followed by an unstable southwest airstream over most parts of the British Isles. The ridge of high pressure across Denmark, Norway and Sweden has persisted but has declined slightly.

During the next 24 hours the depression off northwest Ireland will move north to between Iceland and the Faeroes by tomorrow morning maintaining the southwest to west airstream over the British Isles. A possible wave development on the slow-moving cold front extending southwestwards from north Holland is likely to affect southern parts of England and the Channel tomorrow.

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

Code FM 11.V — OBSERVATIONS at 00h. — 5 June 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	62110	62031	16511	25632	10005	82630	85075	
Hurn	862	51302	70011	16813	35601	12005	83643	83075	
Manston	797	72110	63032	16814	7097/	12008	87360		
Gatwick	776	22202	75011	17213	20930	11110	82360		
Kew									
Heathrow	772	12006	75011	16715	10941	11211	81359		
Honington	586	22207	58019	15814	00901	11210	82078		
Wattisham	590	52409	62012	16014	20932	11111	82360	85075	
Gorleston	497	82308	57021	15416	8092/	14207	88460		
Aberporth	502	21912	65018	13413	28402	11003	81815		
Filton	628	31907	70010	16013	15601	11008	81645	83075	
Rhoose	715	61510	75021	15114	655//	12204	86622		
Hartland Point	703	42415	72031	14113	22540	11206	82825	83360	
Mount Batten	827	42011	60101	15413	26302	13305	82708	84075	
St.Mawgan	817	61812	65258	14513	613//	11003	81709	86812	
Scilly	804	11914	71011	13713	18400	12206	81818		
Culdrose	809	62111	50052	14413	68300	12101	82707	84815	86625
Guernsey	894	71606	83021	17113	15632	11102	81630	87075	
Elmdon	534	12107	68021	15214	10931	11111	81362		
Cardington	559	62210	65031	15812	6094/	12210	86362		
Wittering	462	32507	73016	15213	00902	12211	83075		
Watnall	354	32103	58051	15312	25601	11211	82635		
Shawbury	414	22007	75011	14313	10931	11108	81360		
Finningley	360	20000	35106	14215	25400	14113	82614		
Spurn Point	396	52009	32106	14215	25570	15306	82620	85360	
Leeming	257	61402	80018	13713	656//	11316	86640		
Tynemouth	262	82005	32616	12513	8092/	12400	88558		
Carlisle	222	71602	75219	13213	756//	11109	82632	87650	
Valley	302	71916	75021	12713	2567/	11400	82635	87358	
Ringway	334	71907	60026	14014	756//	12105	87647		
Squires Gate	318	61005	60016	13511	1573/	11002	81650	86359	
Ronaldsway	204	61912	59012	12112	16338	11802	81708	83359	85270
Mull of Galloway	131	52020	80012	10811	45540	11802	84625		
Eskdalemuir	162	81704	35618	12912	872//	11107	88705		
Prestwick	135	71909	75019	11413	7841/	11003	81818	87650	87459
Abbotsinch	140	72902	65219	11214	554/2	11209	81712	85650	87070
Leuchars	171	80103	30641	11213	6627/	13712	81703	86706	87360
Dyce	091	91006	04454	12612	9////	12716	89/01		
Lerwick	005	81607	05414	15312	860//	11709	83700	88702	
Wick	075	91309	00474	13210	9////	10807	89///		
Sule Skerry	010	21417	32104	10411	20940	10803	82360		
Cape Wrath	049	51417	70031	08717	50940	11706	85360		
Stornoway	026	71204	58051	07915	3563/	13705	83640	87362	
Benbecula	022	81514	30616	07214	854//	14709	84710	88627	
Tiree	100	81416	40216	07813	5567/	12801	85640	88460	
Aldergrove	917	21610	80011	09613	10941	10107	81360		
Malin	980	31607	75011	07913	15632	11106	81645	83070	
Belmullet	976	11411	78018	05613	15400	11001	81717		
Birr	965	11709	70021	08812	15600	10005	81635		
Dublin	969	60902	70018	10513	685//	11206	83825	85650	
Shannon	962	21413	75011	06913	15702	11804	81656		
Roches Point	952	71625	75028	08814	784//	12703	87817	87640	
Valentia	953	81719	70808	04514	6242/	12814	86819	88460	

OBSERVATIONS at 06h. — 5 June 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	81706	56102	16112	6827/	11500	81704	85618	88465
Hurn	862	81504	65022	16114	48537	12400	81825	83640	88270
Manston	797	82105	75036	17615	35757	12207	83656	86359	88275
Gatwick	776	81802	58041	17213	7541/	12303	81710	87626	88360
Kew	775	71701	70021	16914	5573/	11500	85650	87362	
Heathrow	772	71805	68031	16714	35631	12302	83638	85362	
Honington	586	71905	68031	16613	50972	11205	85362	86075	
Wattisham	590	72207	70031	16813	25732	11206	82656	86075	
Gorleston	497	72710	66011	16414	755//	10207	87625		
Aberporth	502	71717	63038	11813	38432	11607	83815	86075	
Filton	628	71910	65031	15114	46336	11502	83709	84360	87270
Rhoose	715	71406	69011	14214	35472	12603	83612	86465	87072
Hartland Point	703	71915	68021	13213	41441	12703	84815	84360	87075
Mount Batten	827	71812	57051	14314	4237/	13500	83706	87365	
St.Mawgan	817	71812	64021	13313	783//	12504	83708	83812	
Scilly	804	31917	72011	12014	32460	12706	83818		
Culdrose	809	72014	56052	13413	31239	12502	81704	83815	85360
Guernsey	894	81809	75602	16813	1547/	12204	81710	83358	88465
Elmdon	534	71604	65021	15112	16372	11302	81708	85362	87075
Cardington	559	72208	67021	16313	60978	13303	81360	86362	87275
Wittering	462	72108	66031	15713	60972	12302	83362	86465	
Watnall	354	72006	62031	15213	15772	11202	81656	83363	87070
Shawbury	414	81905	62051	13713	15777	12302	81656	85360	88275
Finningley	360	71503	60031	14313	30972	12303	83362	87075	
Spurn Point	396	51902	56031	14814	30972	13304	83360	84075	
Leeming	257	71508	60034	13411	20936	10301	82365	87270	
Tynemouth	262	51904	61026	13213	30931	11104	83360	85075	
Carlisle	222	71604	70251	12113	18536	12802	81824	87275	
Valley	302	21714	68028	11613	11532	11605	81822		
Ringway	334	71808	62021	13813	15752	11301	81650	83365	86072
Squires Gate	318	71511	56041	12814	18632	12301	81830	86072	
Ronaldsway	204	31808	62011	11411	16232	11502	81705	83072	
Mull of Galloway	131	62019	80032	10511	12541	11103	81820	86075	
Eskdalemuir	162	81809	58256	11612	884//	11705	84713	85820	88645
Prestwick	135	61910	75021	10413	4857/	12605	81820	83638	85362
Abbotsinch	140	61807	68012	10414	48432	12601	81714	83628	
Leuchars	171	52403	80016	11213	15582	11204	81620	83359	
Dyce	091	71202	35216	09713	57232	13506	81703	84705	87362
Lerwick	005	81513	03464	13011	860//	11609	85700	88701	
Wick	075	81210	04624	09511	870//	11718	84700	88701	
Sule Skerry	010	91418	05456	08510	9////	10708	89/00		
Cape Wrath	049	81407	50616	08313	873//	13105	88708		
Stornoway	026	72106	68056	07714	2557/	12503	81620	85360	87465
Benbecula	022	71612	65026	06913	5537/	12000	81709	85625	87465
Tiree	100	71514	60052	07512	5567/	11400	85640	85360	
Aldergrove	917	51510	60011	08612	15272	10708	81705	83358	
Malin	980	61620	83021	06912	18432	10706	81818	84360	85075
Belmullet	976	71315	66606	02513	6647/	11713	83717	84638	
Birr	965	71413	66031	06313	685/2	10713	82820	86635	
Dublin	969	61509	65031	08913	48332	11608	81707	83820	
Shannon	962	71517	75028	03814	45478	12613	82714	83630	85459
Roches Point	952	81628	56648	06013	872//	13711	87705	88710	
Valentia	953	81810	58616	02312	5642/	11608	85710	88540	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	92111	06	+	ir_or_o
Hurn	862	91121	11	+	r_o
Manston	797	97130	12	ir_o	+
Gatwick	776	00110	08	+	+
Kew	775	00120	07	+	+
Heathrow	772	97130	09	+	r_o
Honington	586	00110	09	+	+
Wattisham	590	00110	09	+	+
Gorleston	497				
Aberporth	502	97121	10	pr_o	+
Filton	628	00130	08	+	+
Rhoose	715	00130	12	+	+
Hartland Point	703	00120	11		
Mount Batten	827	97131	11	+	pr_or_o
St.Mawgan	817	97130	11	pr_o	+
Scilly	804	97130	11	+	pr_o
Culdrose	809	00130	12	+	+
Guernsey	894	92131	08	+	ir_orr
Elmdon	534	97111	07	+	pr_o
Cardington	559	00101	07	+	+
Wittering	462	00101	09	+	+
Watnall	354	97111	08	+	+
Shawbury	414	00121	08	+	+
Finningley	360	00091	05	+	+
Spurn Point	396			ir_o	+
Leeming	257	03101	07	pr_opRif	if
Tynemouth	262	04111	09	r_or_orr	+
Carlisle	222	01111	07	rr_or_o	pr_o
Valley	302	91131	11	pr_o	+
Ringway	334	00131	11	+	+
Squires Gate	318	00111	09	+	+
Ronaldsway	204	00111	09	+	+
Mull of Galloway	131	00110			
Eskdalemuir	162	01111	11	r_or_o	$pr_od_or_o$
Prestwick	135	91121	10	r_or_o	+
Abbotsinch	140	06121	08	$RRrrr_or_o$	+
Leuchars	171	07111	08	jf	Rrr
Dyce	091	01111	12	$Fffrr_o$	r_or_off
Lerwick	005	00101	11	+	+
Wick	075	05101	10	FFff	$ffiRr_or_o$
Sule Skerry	010	07102	09		
Cape Wrath	049	06111	12	+	rrr_or_o
Stornoway	026	96130	11	r_o	r_o
Benbecula	022	08121	11	Rr_or_or	+
Tiree	100	91110	10	r_oir_o	+
Aldergrove	917	00110	10	+	+
Malin	980	0011	09		
Belmullet	976	0612	10		
Birr	965	9711	09		
Dublin	969	9711	10		
Shannon	962	0112	11		
Roches Point	952	9613	12		
Valentia	953	1311	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_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	05001	72206	98022	14908	35530	00602	/////	/////	00008	10834	3//01	24/05
	99567	70204	05004	83630	96616	08708	6732/	81302	86708	88525	0//08	11090	30606	30008
	99660	10019	05004	82608	97022	16207	1637/	00804	/////	/////	00005	10764	30201	/////
	99469	70167	05004	73022	97022	10013	755//	70000	87620	/////	0//12	11380	30606	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	05061	82110	97284	12309	864//	00712	/////	/////	00209	10820	30503	/////
	99568	70205	05064	83528	96616	07808	873//	81306	85707	88712	0//08	11062	30605	31008
	99660	10020	05064	82306	97022	15908	1447/	00400	/////	/////	00106	10760	30201	/////
	99469	70166	05064	73126	97022	11312	755//	00105	87620	/////	0//10	11362	30806	/////

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42565

Date of Issue TUESDAY 6 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 5 June 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	71814	80026	15616	5243/	12804	85817	87362	
Hurn	862	71711	70016	16716	3147/	13302	81710	87357	
Manston	797	71410	81022	17519	45638	11802	84645	86362	87275
Gatwick	776	72011	81022	16918	1857/	11705	81826	87364	
Kew	775	81909	80606	16319	1167/	12709	81830	88460	
Heathrow	772	71809	75806	16119	3867/	13808	82830	87462	
Honington	586	81911	80022	16719	3157/	11805	83824	83359	88463
Wattisham	590	71911	72032	16620	2867/	12805	82830	87362	
Gorleston	497	81512	62022	17115	855//	12400	88625		
Aberporth	502	71720	75251	11516	7843/	11707	86817		
Filton	628	62011	82022	14719	58532	11807	84825	83650	
Rhoose	715	71810	82028	13817	6853/	12804	85828		
Hartland Point	703	62415	84022	12617	52520	12801	85820		
Mount Batten	827	81918	62028	14215	4521/	13803	81705	84612	88460
St.Mawgan	817	71818	75028	12916	783//	12602	82709	84813	85623
Scilly	804	22018	70018	12116	28441	13101	81818		
Culdrose	809	72218	63052	13016	783//	14400	81708	85620	
Guernsey	894	71710	64216	16614	3527/	12702	81703	83645	86359
Elmdon	534	71815	70028	14219	5853/	12710	84822	86360	
Cardington	559	71810	68012	15819	6857/	14808	85825	83650	87362
Wittering	462	71912	70018	15718	42532	13804	84820	85362	
Watnall	354	71913	75152	15018	5857/	12806	81820	84830	
Shawbury	414	72114	72032	12719	785//	12812	83825	87650	
Finningley	360	61810	72012	14718	48532	11803	83826	84075	
Spurn Point	396	82411	62032	15418	3252/	11400	83825	88460	
Leeming	257	31814	75011	13219	32630	10807	83840		
Tynemouth	262	71412	56022	13214	35638	11803	83630	86358	
Carlisle	222	62805	75018	12118	685/1	13806	84825	83640	
Valley	302	71817	82031	11117	685/2	11710	82825	85650	
Ringway	334	42014	75021	13019	42540	10810	84822		
Squires Gate	318	51813	75031	12420	48601	13810	83832		
Ronaldsway	204	71209	70031	11214	784//	10606	81716	86645	
Mull of Galloway	131	61916	80031	10614	3854/	11400	81825	83630	86360
Eskdalemuir	162	21914	70018	11817	22500	11802	82825		
Prestwick	135	42017	82031	10518	28532	09704	82828	83072	
Abbotsinch	140	62014	82022	10417	68532	08801	81824	85830	
Leuchars	171	62010	80011	11618	685//	10801	82824	85650	
Dyce	091	71508	80022	11017	32472	12005	83815	83362	86075
Lerwick	005	91412	04636	11012	9////	10712	89/00		
Wick	075	71912	68056	09117	22432	13001	82818	87070	
Sule Skerry	010	82004	12105	08213	4557/	13001	84620	88358	
Cape Wrath	049	61415	80016	08214	38506	12801	81820	83625	86270
Stornoway	026	31915	80021	08217	12531	11101	81820		
Benbecula	022	51716	75012	07415	22402	13605	82814	85070	
Tiree	100	61316	62051	07516	20936	11704	82358	85272	
Aldergrove	917	71618	80021	07517	68532	09712	82820	85826	85635
Malin	980	71317	75802	05816	534/2	10811	85819	81919	
Belmullet	976	81712	76606	01614	6847/	11705	83718	84640	87459
Birr	965	81712	60605	03413	863//	12720	82708	86711	88630
Dublin	969	71517	70022	07014	5837/	11716	81707	83817	87460
Shannon	962	72615	70806	02814	6847/	13505	82712	84820	85459
Roches Point	952	71922	70216	05714	754//	13313	83715	87634	
Valentia	953	62315	83016	04616	58402	13223	84819		

OBSERVATIONS at 18h. 5 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	71811	82012	15016	3845/	13502	82818	83656	87359
862	71809	80022	15415	4857/	13706	81825	84645	87359
797	81309	75022	16517	15677	11604	81640	85359	86363
776	82109	80606	16117	2557/	11002	81620	88462	
775	81907	75216	15618	1167/	10301	81830	83359	88462
772	72008	81218	15318	1267/	11501	81834	85360	87466
586	71511	75806	15119	4857/	12503	84828	85360	87464
590	81611	70602	15518	1467/	11503	81630	83360	88465
497	71612	66031	15915	7097/	11704	87360		
502	41917	74258	11215	48400	10304	83818		
628	42211	82021	14017	38531	11703	83825		
715	72111	81258	13316	785/1	13501	83822	86635	
703	72414	82258	12813	6853/	13302	83820	86645	
827	72114	58052	14215	5534/	13500	81707	85620	86359
817	72114	70158	12915	784//	11602	81710	85815	
804	72013	70028	12915	784//	13204	83818	86625	
809	72313	65058	13215	78402	12302	83710	83817	
894	71406	82016	15815	5568/	11604	82630	85650	85360
534	71911	82028	13418	685/1	10501	81828	86650	
559	71910	70028	14819	2267/	13601	82830	87362	
462	42013	82018	14318	28631	12604	81830	83360	
354	72011	80028	13618	6857/	13505	81820	84828	85360
414	62007	75258	12116	685/2	14501	83824	84650	
360	71607	80038	12818	786//	12607	81835	87650	
396	61413	66028	13916	5357/	13706	85920	86360	
257	51711	65258	11718	58600	13503	82840	85656	
262	51612	61021	11114	35630	11710	83635		
222	70202	75022	10018	5853/	13609	83828	83645	85362
302	72021	70211	10415	785//	10305	81820	87645	
334	72015	75038	11819	5853/	11604	81825	85645	85358
318	71808	65258	11016	6857/	15502	84825	85645	86359
204	71917	68252	09413	784//	10508	81711	83640	86650
131	72032	80028	07012	4857/	11718	82825	83630	85360
162	71605	70251	10116	785//	14709	82825	87650	
135	71614	75151	08417	6847/	10610	81712	83825	85650
140	71611	75158	08517	5857/	10612	82825	84642	87360
171	41409	70011	10017	35702	12706	83656		
091	31613	80011	10417	12642	11801	81830	83075	
005	32010	50106	09812	26272	12504	82704		
075	61406	75031	09315	18532	11302	81820	83359	
010	71005	58052	08812	755//	12001	87625		
049	71407	81032	09013	4557/	11207	84625	87360	
026	61906	82031	07716	28536	11801	81820	85272	
022	71516	86031	06214	4847/	12807	81817	84640	87462
100	81217	60606	05213	5552/	11711	81624	84630	88462
917	71716	70258	05314	68432	11505	83818	84630	85360
980	41924	84256	03115	43500	10511	84921		
976	71813	75806	02314	734//	12111	82717	84921	
965	52411	84018	05816	585//	11213	85822		
969	52014	82036	06717	4853/	09311	84826		
962	72416	84258	06415	785//	12214	83824	86640	
952	31818	82021	08215	32402	12215	83617		
953	72310	80808	07914	783//	12216	81709	83822	86640

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	97180	025	r_o	+
862	97181	013	r_o	+
797	97200	030	+	ir_o
776	97200	010	+	r_o–r_or_o
775	91201	008	r_o	ir_o–r_o
772	97210	013	r_opr_o	r_oir_o
586	97210	014	ir_o	pr_or_o
590	97200	024	+	ir_or_o
497		040		
502	97180	080	pr_o	pr_o
628	00200	047	+	+
715	97180	023	pr_o	pr_o
703	96172	076		
827	97160	010	ir_o	+
817	91171	067	pr_o	pr_o
804	92170	094	pr	+
809	93161	049	pr_o	pr_o
894	97160	002	$ir_or_or_o$	+
534	91201	029	pr_o	pr_o
559	97210	017	+	pr_o
462	94191	045	pr_opr	+
354	97191	019	jp	pr_o
414	03191	050	pr_o	pr_oprpR
360	97210	037	pr_o	+
396			+	pr_o
257	97210	067	+	pr_o
262	00180	066	+	+
222	92201	041	pr_o	pr_o
302	97190	104	+	ir_o
334	01201	075	+	pr_o
318	07221	079	pr_o	pr_oprpR
204	97171	045	+	pr_o
131	97150			
162	93191	068	+	pr_o
135	97191	067	+	ir_o
140	94191	055	pr_o	r_or_o
171	92211	079	+	pr_o
091	00200	080	+	+
005	03141	016	$r_or_orrffFF$	ff
075	00181	082	+	+
010	01141			
049	92201	039	+	pr_o
026	97180	085	+	pr_o
022	04171	051	+	ir_oR
100	02161	049	+	ir_orr_o
917	96180	066	pr_o	pr_o
980	0817	040		
976	0515	014		
965	0718	021		
969	9718	032		
962	0617	029		
952	0716	073		
953	1116	040		

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

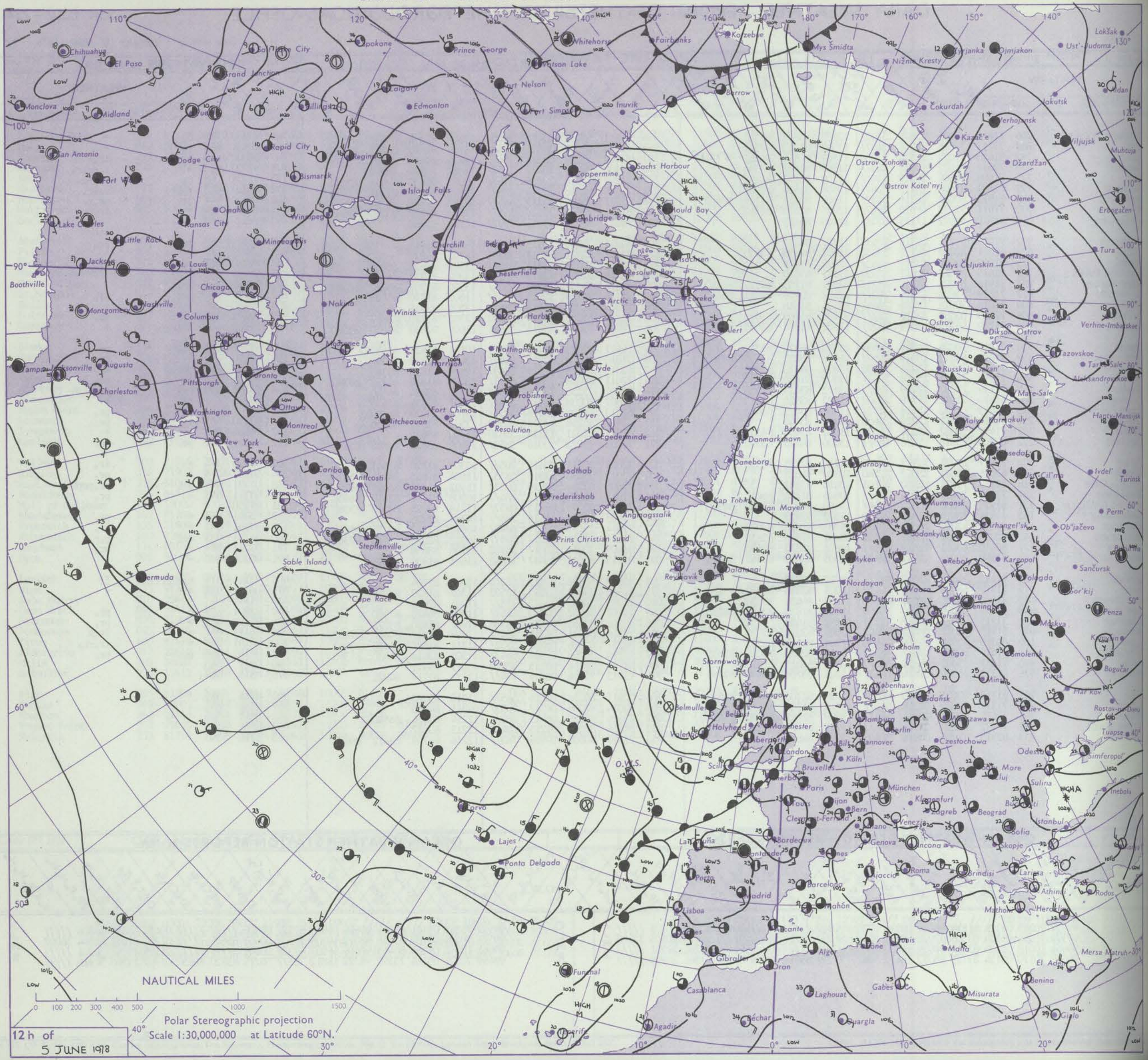
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	05121	81814	96636	08910	8732/	00822	/////	/////	00410	10820	30705	/////
	99570	70204	05124	83526	97036	09809	854//	81207	86710	88620	0//06	11073	30505	32008
	99661	10018	05124	83410	97022	16607	1637/	00401	/////	/////	05104	10761	30201	/////
	99470	70170	05124	83125	98032	16412	5247/	71219	85816	88359	0//08	11366	30909	/////

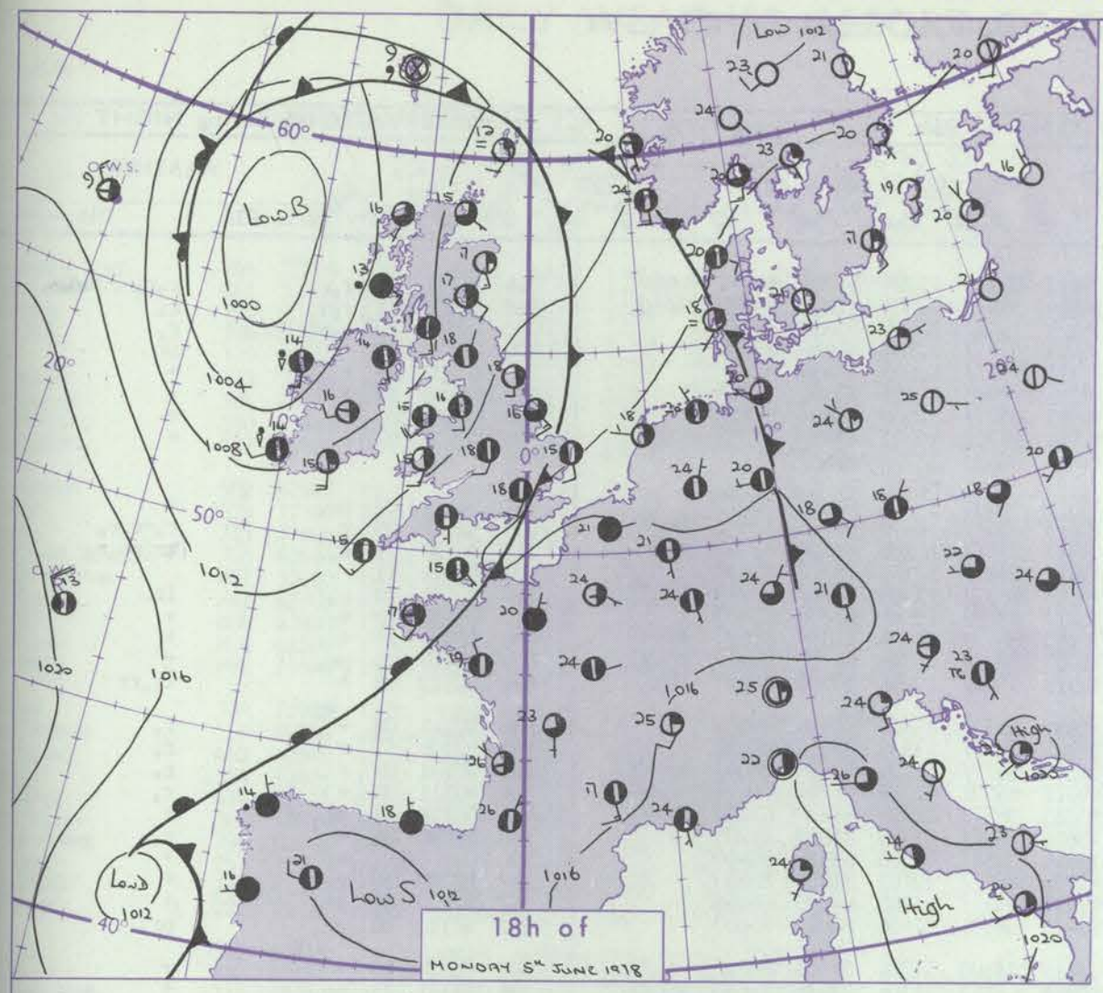
OCEAN WEATHER STATION REPORTS at 18h.

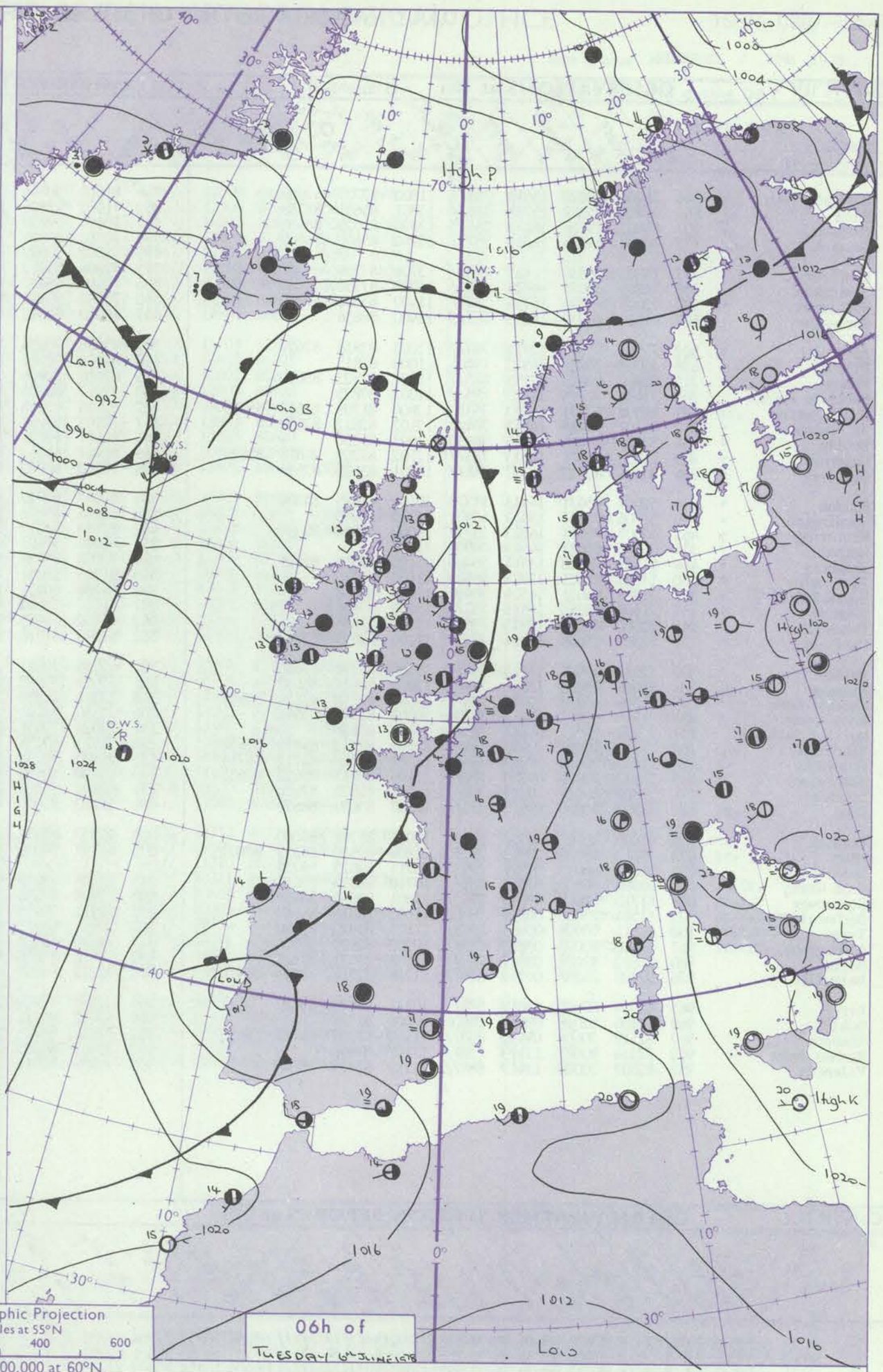
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	05181	82214	96616	06910	8732/	00606	/////	/////	00410	10823	30806	/////
	99571	70204	05184	53316	98012	10109	55501	00003	85625	/////	0//04	11071	30504	36007
	99661	10018	05184	80413	97616	16907	4732/	00801	/////	/////	05105	10760	30201	/////
	99469	70171	05184	73322	98022	18812	785//	00215	83820	86650	0//07	11388	30910	/////

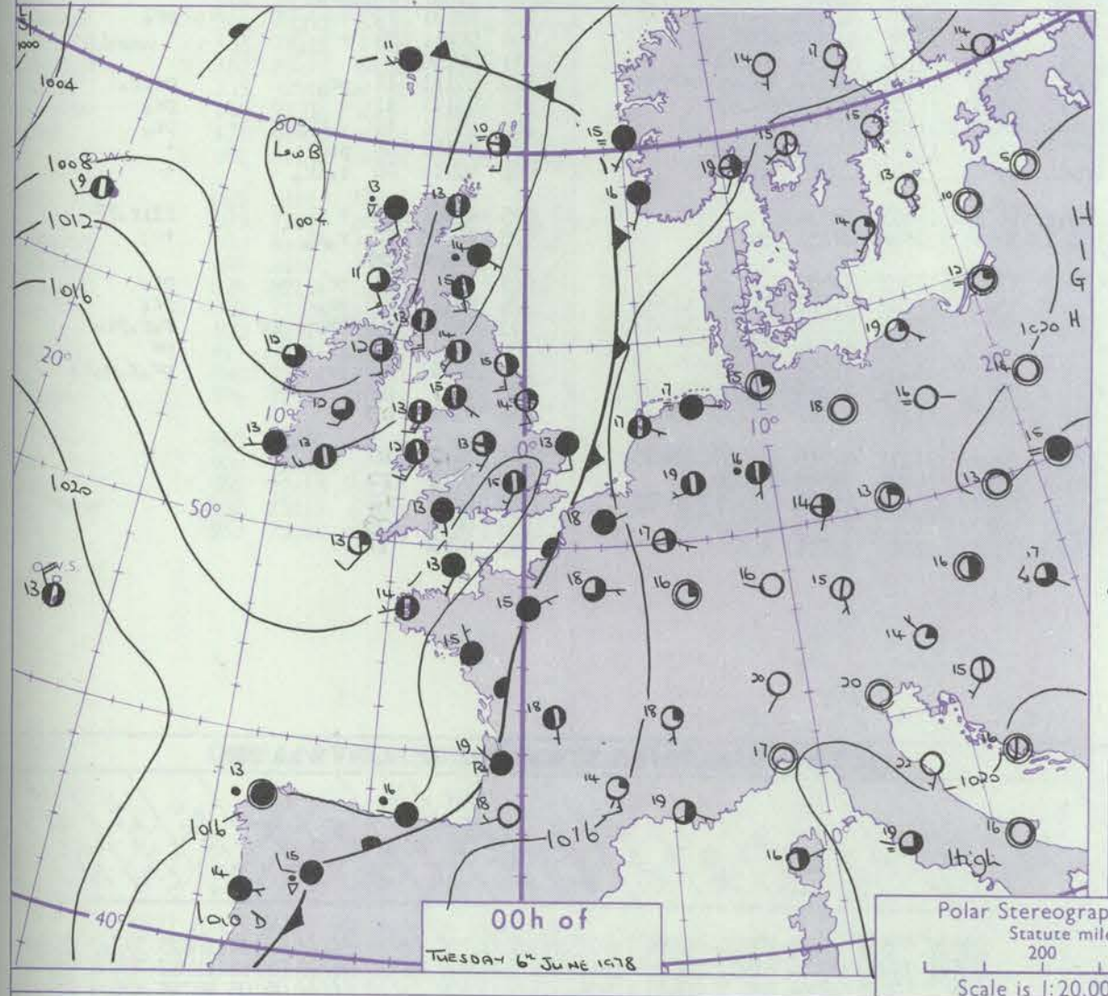
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 6 JUNE 1978

During the past 24 hours a depression to the west of Ireland moved steadily northwards. A slow-moving cold front lying from southeast England to northeast Scotland early in the period, gradually cleared Shetland but was still affecting southeast England late in the period because of shallow waves on it, over western France and Spain.

During the next 24 hours the depression now northwest of Scotland will move further north and fill, whilst the waving cold front will clear southern Britain. Frontal troughs from a depression, which is moving eastwards, south of Iceland, will reach Ireland late in the period.

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

Code FM 11.V — OBSERVATIONS at 00h. 6 June 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	71708	75022	15613	753//	11802	82707	87656	
Hurn	862	81802	75012	15715	5567/	12801	85631	88358	
Manston	797	83403	65616	16114	855//	13803	81620	88656	
Gatwick	776	80000	64036	16213	5577/	12702	85650	88460	
Kew									
Heathrow	772	72005	80036	16115	7093/	13701	87359		
Honington	586	71805	65028	16015	7097/	12204	87359		
Wattisham	590	72005	80026	16114	3577/	11400	83650	87360	
Gorleston	497	81610	66216	16213	857//	11400	88656		
Aberporth	502	71913	65251	12712	784//	11003	82818	87627	
Filton	628	22008	70021	14913	11401	11000	81815		
Rhoose	715	61807	80021	14213	685//	11001	82823	85630	
Hartland Point	703	72418	71028	13813	785//	11002	87825		
Mount Batten	827	62008	62101	14613	35330	12804	81709	83615	85365
St.Mawgan	817	71707	70038	14613	784//	12102	82812	87630	
Scilly	804	32211	80021	14313	30930	11003	83360		
Culdrose	809	72208	60108	14513	783//	12102	82709	84818	85625
Guernsey	894	82206	82022	16113	856//	11801	83635	87656	
Elmdon	534	52007	75031	14413	11570	10102	81825	84368	
Cardington	559	51806	70031	15513	40931	12102	84360		
Wittering	462	62007	70031	14813	2577/	11000	82656	86360	
Watnall	354	02106	66011	14613	00900	11003			
Shawbury	414	51503	78808	13514	58400	13105	82815	85625	
Finningley	360	11505	72021	13812	00902	11107	81075		
Spurn Point	396	31708	64021	14514	30970	12105	83360		
Leeming	257	71606	70216	12515	757//	13108	87656		
Tynemouth	262	80000	69022	12315	7567/	12207	87635		
Carlisle	222	72307	75028	11514	785//	10105	82825	87650	
Valley	302	72017	65021	11613	754//	11104	83710	87630	
Ringway	334	71808	75028	13214	756//	12004	82635	86650	
Squires Gate	318	71506	65038	12615	784//	13005	81710	83826	86646
Ronaldsway	204	31914	62011	10411	35330	10003	81706	83640	
Mull of Galloway	131	22030	59011	08811	28500	11111	82820		
Eskdalemuir	162	71813	70028	11412	784//	10104	83712	84819	87650
Prestwick	135	71814	70026	08913	754//	11004	81710	83712	85714
Abbotsinch	140	71810	70026	09213	754//	11104	82715	85622	87635
Leuchars	171	71808	68028	10215	786//	11204	81835	87650	
Dyce	091	81502	50606	09814	856//	12607	85630	88650	
Lerwick	005	51909	30101	10710	16032	10001	81701	85080	
Wick	075	71612	58052	08913	25732	11806	82650	86359	87072
Sule Skerry	010	61002	66012	07911	2553/	10711	82625	86358	
Cape Wrath	049	80909	80808	07512	884//	10710	84815	88620	
Stornoway	026	81710	60818	07013	5942/	11501	85914	88459	
Benbecula	022	51514	75036	05412	58400	11000	82818	84640	
Tiree	100	61615	70028	05411	4953/	11105	81922	83640	
Aldergrove	917	61810	80028	07812	685//	10209	82820	86650	
Malin	980	71812	83031	05812	785//	11106	83821	87645	
Belmullet	976	62708	74258	05712	634//	11228	82716	83820	81920
Birr	965	62009	80028	09012	685//	10111	83820	85633	
Dublin	969	12106	82018	09313	18400	10008	81715		
Shannon	962	82519	70608	09413	863//	11110	82709	84715	88635
Roches Point	952	72314	80031	11113	756//	11109	87640		
Valentia	953	82507	70028	11413	864//	11215	85712	88640	

Code FM 11.V — OBSERVATIONS at 06h. 6 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	81605	50106	15012	1627/	12204	81703	86360	88464
862	71502	58606	14814	11472	13003	81815	85359	86462
797	83604	57059	14915	15677	14601	81630	88275	
776	70000	64024	15413	2577/	12204	82656	87359	
775	72302	70022	15315	757//	12203	87656		
772	72304	65012	15315	7097/	12306	87360	87462	
586	72406	68032	14915	6577/	12500	86650	87462	
590	72502	59036	15014	15732	12301	81650	83360	87075
497	80000	64022	14815	8082/	13702	88457		
502	72006	70018	13612	18432	11207	81818	87075	
628	82105	78011	14813	854//	11305	81713	83632	88650
715	82406	80806	14313	58517	12205	84820	83640	86462
703	72210	80026	14412	7547/	12309	85710	87630	
827	82405	62216	14713	4832/	13305	81707	83630	88460
817	82105	65032	14412	852//	12101	83704	88610	
804	82507	67021	14713	6843/	11106	81818	86625	88360
809	82807	64052	14513	883//	12204	81707	84630	87650
894	70000	68022	15313	4557/	12601	82628	83656	87462
534	82007	64022	14612	1572/	11306	81650	88462	
559	82106	66606	15014	857//	13306	82650	86656	
462	82105	58212	14813	2577/	12204	82656	84360	88462
354	82006	57601	14612	6532/	12305	81707	86623	88460
414	72008	80028	13313	3857/	11305	81820	83635	85359
360	81705	58031	13612	656/7	11304	86632	88275	
396	61706	60031	13914	3557/	12500	83625	86460	
257	61707	56041	12413	684//	12102	81815	85650	
262	61702	61026	11912	4567/	11104	84630	86358	
222	62305	81018	11013	68531	11500	82822	85650	
302	42016	70011	12112	35302	11204	81706	83645	
334	72009	75022	13314	45642	11306	83635	83650	85072
318	72311	70252	12613	783//	12305	81707	83818	85650
204	72110	58101	10911	761//	10305	83702	87703	
131	72020	70021	09511	5563/	11103	85630	87360	
162	71911	60258	10611	783//	11701	85709	86819	87650
135	51908	70258	09313	58430	11304	82818	84645	
140	21910	68018	08913	28400	11104	81715		
171	62404	75022	09813	45432	11205	84617	83362	
091	51710	82026	08913	25440	11501	82618	83363	
005	91607	08474	09511	9////	11603	89/01		
075	61507	70026	07213	30932	11606	83359	86070	
049	61406	82018	05913	35571	11703	83620		
026	71908	62808	05812	784//	11702	81710	84815	86630
022	71911	58216	04012	753//	12603	82706	85710	86622
100	72011	66022	06112	782//	11307	82704	87640	
917	71810	65028	08412	763//	10204	81708	86710	
980	72412	70808	07412	784//	11212	82715	85818	87635
976	72913	66258	10212	734//	11221	83717	82920	85637
965	82407	75038	11012	884//	11212	82716	83820	88633
969	52212	84011	10313	555//	10306	83620	84650	
962	81913	65215	12113	873//	13220	82708	86711	88715
952	72409	80022	13213	754//	11213	81715	87643	
953	72909	70012	13613	754//	11213	82711	87637	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	94121	07	r_or_o	r_or_o–r_o
862	97121	11	r_od_o	r_o
797	07131	12	$r_orRtl_or_orR$	r_o
776	00110	08	+	if
775	00130	09	+	+
772	00140	13	+	+
586	00130	09	+	+
590	97120	07	r_o	+
497				
502	96111	09	pr_o	+
628	92111	06	+	r_o–r_or_o
715	97130	11	r_o	$ir_opr_or_o$
703	97121	11		
827	92131	10	r_o	ir_o
817	00120	10	+	+
804	00120	11	+	+
809	97120	11	pr_o	+
894	93122	09	+	ir_orr
534	97111	08	+	r_o
559	97120	12	+	r_o
462	97111	09	+	r_o
354	97111	07	+	r_o
414	97121	11	pr_o	+
360	91090	05	+	r_o
396			+	+
257	93120	10	r_o	+
262	97110	09	ir_o	+
222	91121	10	pr_o	pr_o
302	00120	10	+	+
334	91131	11	pr_o	+
318	97131	12	+	pr_o
204	00111	09	+	+
131	00100			
162	02111	11	pr_o	pr_or_o
135	93121	11	+	pr_o
140	95131	11	$r_or_opr_o$	pr_o
171	91101	06	pr_o	+
091	92111	09	r_oir_o	+
005	93081	05	+	$ffir_oFF$
075	94120	10	r_or_o	+
010	00100	09		
049	97101	11	pr_o	pr_o
026	03111	07	pr_o	pr_o
022	06111	09	$RRrpr_opr$	$r_or_opr_o$
100	94111	10	pr_opr	pr
917	01111	10	pr_o	$pr_or_od_or_o$
980	9111	09		
976	9211	09		
965	0112	10		
969	9712	10		
962	0312	12		
952	0012	09		
953	9712	11		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06001	82409	96616	09309	8732/	00215	/////	/////	00208	10832	3//04	///08
L	99570	70203	06004	72508	97031	09709	25572	00806	82625	87078	0//03	11080	30301	01007
M	99661	10018	06004	80717	96036	15007	5731/	00710	/////	/////	00006	10756	30502	/////
R	99468	70170	06004	73119	97032	22012	785//	00114	81820	87640	0//09	11367	30809	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06061	83204	96616	10707	8732/	00106	/////	/////	05107	10825	3////	25307
L	99571	70203	06064	81921	95636	01610	872//	00848	86705	88708	0//10	11082	30404	99/06
M	99662	10017	06064	80822	96636	12806	5732/	00709	/////	/////	05105	10759	30503	/////
R	99469	70170	06064	73012	97032	21913	784//	81301	81820	87650	0//12	11372	30807	/////

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

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

No. 42566

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue WEDNESDAY 7 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 6 June 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	72704	81806	14816	5847/	13605	83712	85820	86462
Hurn	862	72805	80606	15217	5147/	13505	81710	85815	87359
Manston	797	80602	68032	15018	3547/	13502	81618	83656	86359
Gatwick	776	72507	82022	14620	58658	12706	82832	84656	85360
Kew	775	72505	80022	14619	4153/	11806	84828	87362	
Heathrow	772	72609	82252	14519	42538	11804	84826	83360	87275
Honington	586	62410	83031	13921	21607	10805	82835	88275	
Wattisham	590	72707	80032	13820	11606	12806	81840	87280	
Gorleston	497	81604	56052	14115	32501	13802	83825	88075	
Aberporth	502	62912	81022	14715	58431	12106	81818	83635	
Filton	628	72506	75016	15116	48438	10802	83811	83635	85360
Rhoose	715	72408	81028	14917	38532	11000	82820	86075	
Hartland Point	703	62610	80022	15814	22474	13106	82810	83360	86075
Mount Batten	827	32010	80016	15416	38432	13400	82818		
St.Mawgan	817	62708	80022	15816	28432	10104	82810	85070	
Scilly	804	42809	75021	16617	22430	13206	82818	83360	
Culdrose	809	62509	70258	16116	68500	11205	84820	86650	
Guernsey	894	71606	50406	15915	53033	13503	81701	81912	85650
Elmdon	534	71909	75026	13819	48552	11301	83828	83645	85362
Cardington	559	82510	68806	14619	52607	13801	85830	88275	
Wittering	462	82607	81036	14518	48507	13101	84822	88270	
Watnall	354	52408	70016	14018	32532	12601	83828		
Shawbury	414	72611	83022	13817	745//	11104	83826	87645	
Finningley	360	52012	80036	13220	58602	11801	84833		
Spurn Point	396	62408	68022	13619	58501	12000	83825	85640	
Leeming	257	72213	84022	12319	78600	09101	83835	86650	
Tynemouth	262	62310	80022	11618	4563/	10303	84635		
Carlisle	222	72411	82032	11216	784//	11205	81818	85825	87645
Valley	302	62115	80011	13615	683/2	11006	81707	85656	
Ringway	334	62612	80012	13417	685//	09102	83822	86640	
Squires Gate	318	22312	84011	13917	18502	13209	81825		
Ronaldsway	204	62212	68021	12114	684//	10109	81814	86650	
Mull of Galloway	131	72118	70022	11014	756//	11210	87635		
Eskdalemuir	162	81812	68038	11213	884//	11204	86818	88640	
Prestwick	135	72514	80028	10015	6843/	11305	81815	86656	
Abbotsinch	140	72314	75028	09515	784//	11202	81712	84816	87650
Leuchars	171	52412	80251	09317	58500	11000	82820	84650	
Dyce	091	61512	80251	08216	68432	12705	81712	85645	
Lerwick	005	51813	40016	07213	48230	12712	83704	84710	
Wick	075	71610	84028	06615	38432	10706	82818	83360	86070
Sule Skerry	010	81403	74806	05413	5856/	12706	83820	85625	88360
Cape Wrath	049	81402	70626	05712	874//	12002	88715		
Stornoway	026	82114	62808	04613	883//	12607	83707	86814	88628
Benbecula	022	72614	65158	06614	784//	13218	81711	84616	87622
Tiree	100	82313	81032	08614	884//	12312	81817	86625	88635
Aldergrove	917	72411	82028	10716	785//	11213	84820	86632	
Valin	980	72617	75038	10316	784//	13214	81713	83818	86645
Belmullet	976	72516	75028	12713	784//	09207	82718	87638	
Birr	965	82809	82038	13615	885//	11213	85822	87636	
Dublin	969	72605	84258	12415	784//	12210	81717	85822	
Shannon	962	52813	84018	14716	58500	11110	82822	83645	
Roches Point	952	73111	85038	15316	784//	10307	83817	87635	
Valentia	953	73010	80028	16613	784//	10212	86817	86640	

OBSERVATIONS at 18h. 6 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	73302	74808	14915	784//	12500	81818	84630	87650
862	62910	80036	15117	58531	13304	81825	85656	
797	71705	68026	14415	2577/	14202	82656	85360	87464
776	72704	75142	14418	2867/	12302	81830	83358	87360
775	72405	81022	14219	1167/	11101	81830	84360	87362
772	82605	77036	14219	1867/	11203	81830	84360	88362
586	72507	82032	13819	3867/	10500	82835	83650	87362
590	73010	75012	13819	785//	11201	82628	87650	
497	81802	56052	14415	855//	12400	88625		
502	32712	87031	14716	38501	11703	82825		
628	22609	82011	14519	11530	10805	81825		
715	12811	83021	15016	18601	10802	81830		
703	22710	79021	15711	22540	12805	82820		
827	23506	81018	15317	28500	09804	81825		
817	32910	80011	16315	38300	13803	83807		
804	22909	80011	17416	12501	12103	81820		
809	43311	75011	16515	48500	10801	82820		
894	43011	81031	16214	21402	11601	82810	83075	
534	22607	75011	13418	28631	09803	81830		
559	72505	81028	13918	5865/	14803	82835	85650	87365
462	72706	75036	13618	786//	11602	81830	87650	
354	12508	81011	13219	12631	12804	81830		
414	22310	84011	13318	26601	11604	82835		
360	22309	84011	12420	24600	09704	81835		
396	32007	65011	12519	18572	12803	81825		
257	62510	89031	12018	68600	09501	82840	85650	
262	62504	80022	11118	3363/	09501	83930	86358	
222	62310	83012	11416	685//	11500	83826	85656	
302	72213	82022	13713	785//	10504	81825	83635	87656
334	52808	84031	12819	54600	09704	81840	85650	
318	52413	84011	13117	28542	12503	81825	83360	
204	72307	75031	12513	754//	10302	81714	87650	
131	72410	83022	11512	4652/	11500	83820	87460	
162	82010	75258	10715	884//	10502	85817	88645	
135	72511	75031	10514	3853/	11103	81820	83645	87359
140	72512	82031	09716	58532	11204	82825	84645	87072
171	32415	84018	08318	38502	09503	82825		
091	70000	80028	06717	785//	11502	82824	86645	
005	71609	62051	04811	58432	11712	81710	85650	85359
075	72413	83028	05515	784//	09501	81715	83818	86635
010	82510	60518	03811	874//	11710	88715		
049	71426	80205	04511	6533/	10311	84706	86625	87360
026	82212	80258	05312	884//	10801	83814	88626	
022	82214	75258	06211	5832/	10705	81708	84625	88459
100	72215	80018	08012	7841/	09708	83712	85625	87459
917	72710	82028	11215	45576	10001	81626	84635	86460
980	82317	84038	10213	5547/	09704	82715	83630	88464
976	82019	58618	11212	7642/	12717	83710	86715	88458
965	82608	82022	14413	864//	08204	85712	88634	
969	72711	84032	12617	35506	10101	83625	87270	
962	72814	82028	14913	684/2	09604	82816	84645	85070
952	82710	80032	15315	48407	10202	81817	84630	88270
953	72313	80505	16213	764//	11804	86718	87635	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	94181	010	$rr_or_opr_o$	pr_o
862	92191	028	r_or_o	jp
797	92191	017	r_or_o	r_o
776	00200	027	+	jp
775	00190	017	+	+
772	97200	015	pr_o	r_o
586	00220	039	+	jp
590	00210	056	+	+
497		057		
502	00180	105	+	+
628	97200	064	r_or_o	+
715	00180	097	+	+
703	00160	099		
827	97180	087	ir_o	pr_o
817	00160	094	+	+
804	00180	092	+	+
809	97170	036	pr_o	+
894	91171	057	rr_or_ojf	+
534	00190	043	+	+
559	97210	025	pr_o	+
462	97200	025	r_o	+
354	00201	084	+	+
414	00190	076	+	+
360	00220	092	+	+
396			+	+
257	00200	108	+	+
262	00200	072	+	+
222	00181	042	+	+
302	00150	061	+	+
334	00190	088	+	jp
318	00180	115	+	+
204	00161	072	+	+
131	00140			
162	97151	018	pr_o	pr_o
135	97171	045	pr_o	r_o
140	97191	037	pr_o	+
171	91191	067	pr_o	+
091	92190	067	pr_o	pr_o
005	96141	042	$ffir_o$	ir_o
075	92171	046	pr_o	pr_o
010	01131			
049	12142	006	ird_od_o	id_oir_o
026	03151	011	pr_o	pr_or_or
022	02141	005	pr_o	$pr_or_or_odr$
100	01151	012	+	$pr_or_orr_o$
917	04181	015	$prpr_o$	$ir_or_or_o$
980	0116	025		
976	0214	003		
965	9716	010		
969	9119	029		
962	9116	007		
952	9317	032		
953	9714	018		

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

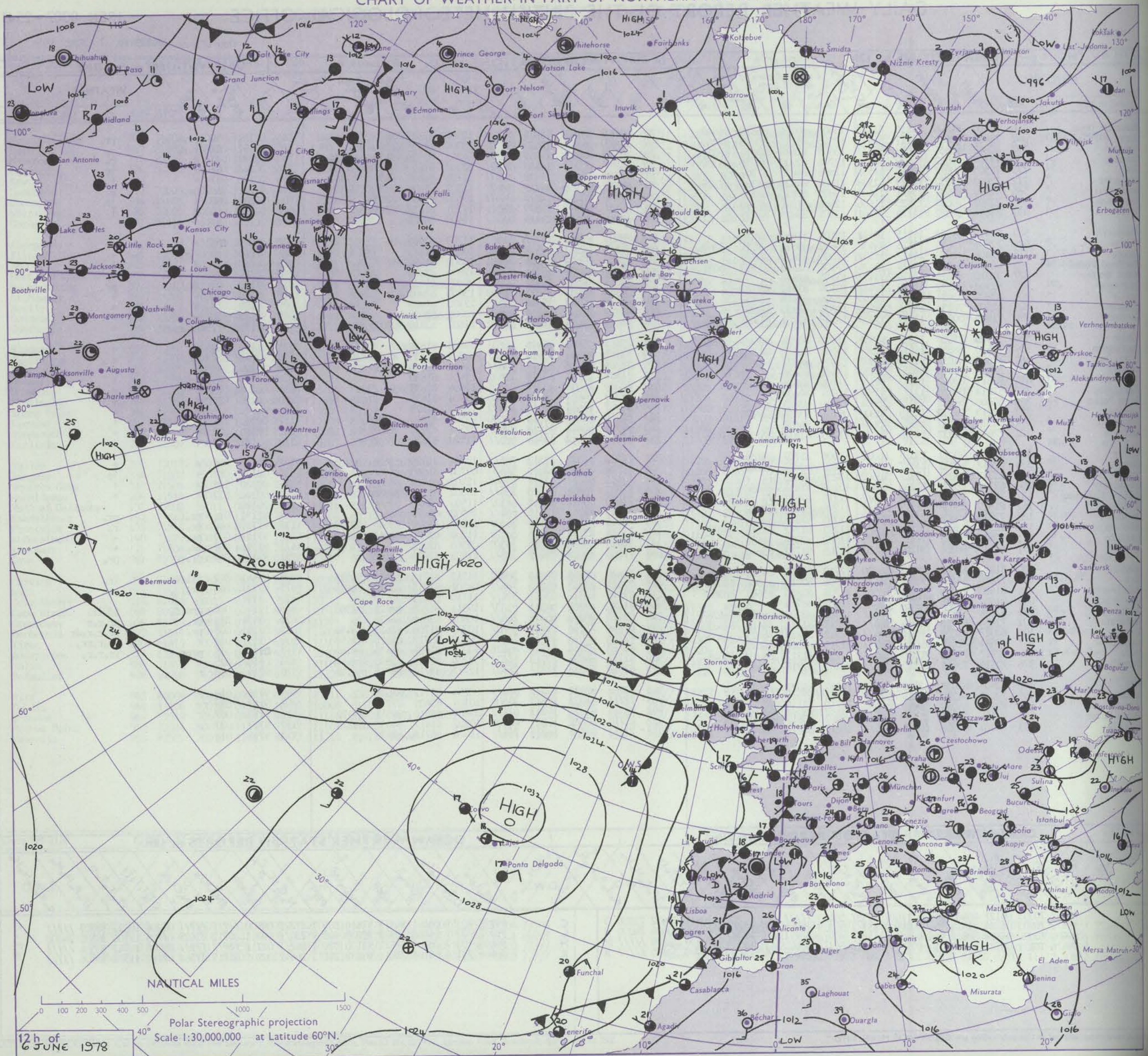
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06121	80407	96636	11807	8732/	00400	/////	/////	05206	10812	30402	23206
L	99572	70203	06124	82824	95606	01309	853//	00313	87706	88620	0//09	11030	30404	24006
M	99660	10020	06124	80828	96636	09607	5732/	00714	/////	/////	00006	10754	30504	/////
R	99470	70171	06124	73115	97025	23713	6854/	00210	81820	86640	0//12	11368	30805	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	06181	80313	97616	10507	8732/	00500	/////	/////	05206	10822	30705	/////
L	99572	70201	06184	72825	97036	04509	754//	00311	86712	87625	0//05	11103	30505	24008
M	99660	10017	06184	80922	95105	07907	862//	00711	/////	/////	05006	10743	30504	/////
R	99469	70169	06184	73018	98032	24113	2644/	00201	82713	87362	0//12	11378	30806	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
TROUGH
Bermuda
Cape Race
Ponta Delgada
Funchal
Tenerife
Casablanca
Gibraltor
Lisboa
Madrid
Barcelona
Alicante
Alger
Oran
Laghouat
Béchar
Ouargla
Misurata
Tunis
Cabes
Mersa Matruh
El Adem
Benina
Giado
Brindisi
Roma
Ancona
Genova
Venezia
Milano
Bordeaux
Paris
Bruxelles
München
Praha
Berlin
Hannover
Glasgow
Manchester
Belfast
Dublin
Oslo
Stockholm
København
Helsinki
Murmansk
Arkhangel'sk
Archangel
Murmansk
Thorshavn
Stornoway
Reykjavik
Jan Mayen
Kap Tobin
Barentsburg
Hopen
Bjornoya
Nordkapp
Tromsø
Lulea
Myken
Sodankylä
Ostersund
Vaasa
Oulu
Vyborg
Leningrad
Pskov
Smolensk
Kaliningrad
Gdańsk
Szczecin
Warszawa
Kiev
Lwów
Czestochowa
Sulina
Bucuresti
Beograd
Sofia
Skopje
Istanbul
Athinai
Rodos
Heraklion
Matruh
Sant'Pietro
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Venezia
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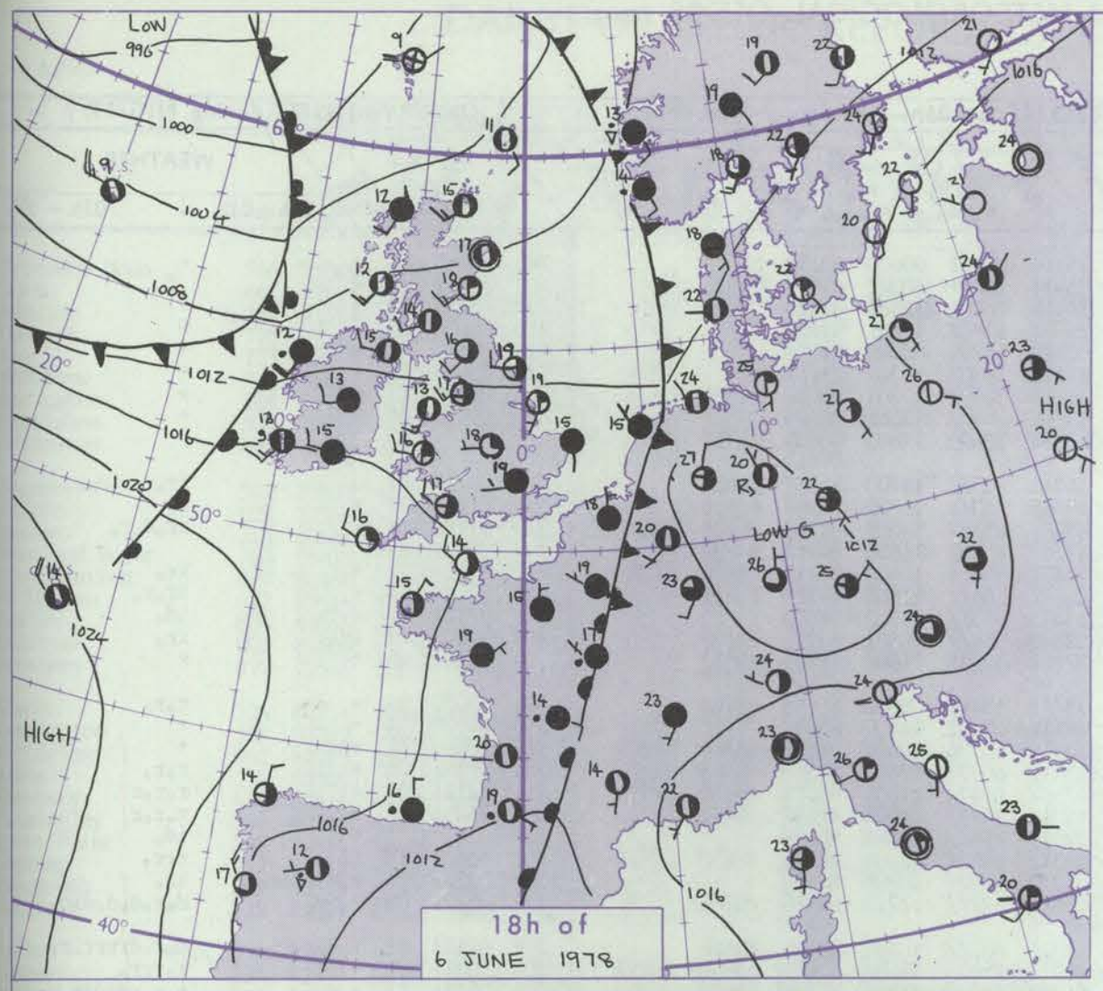
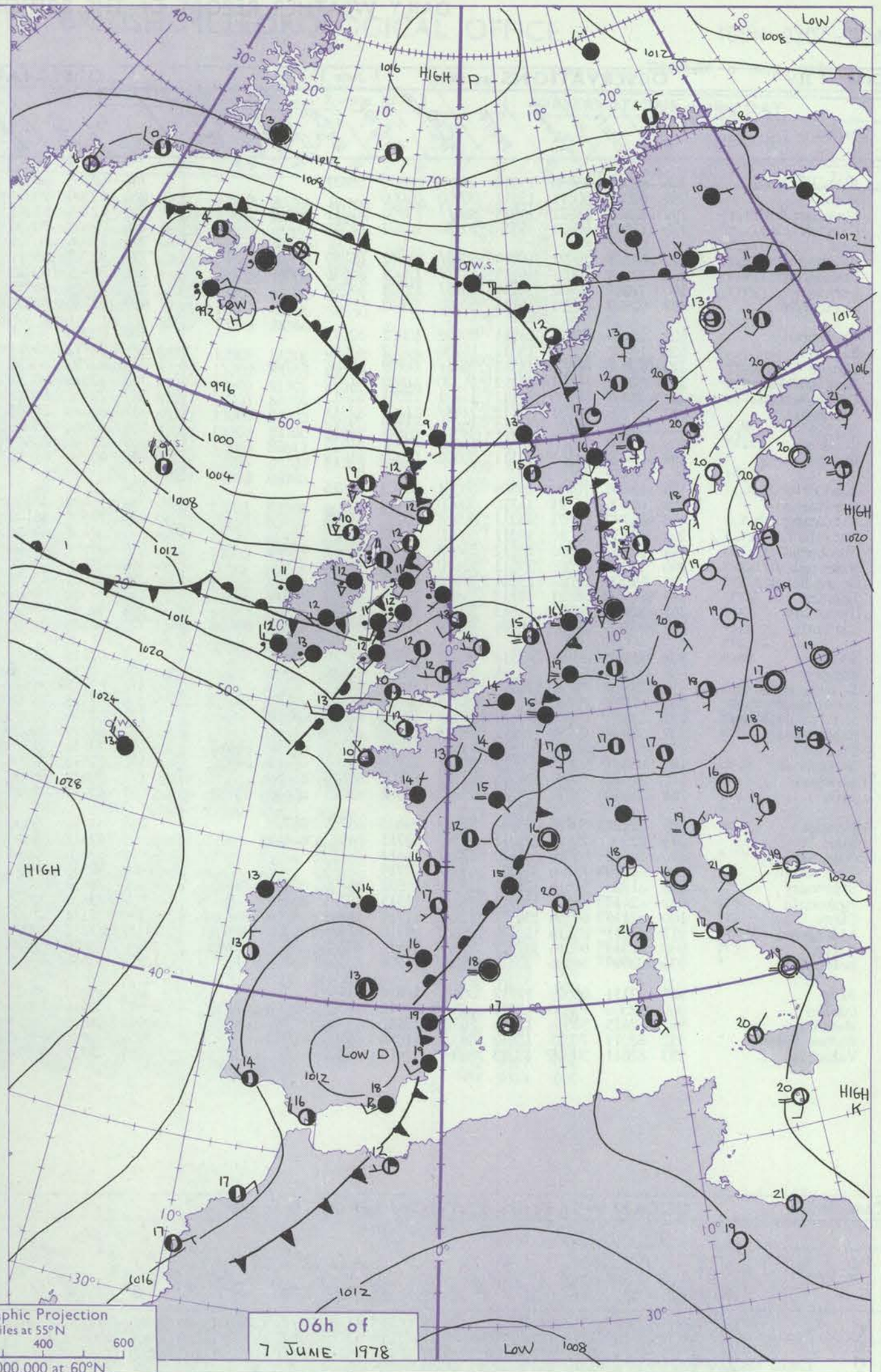
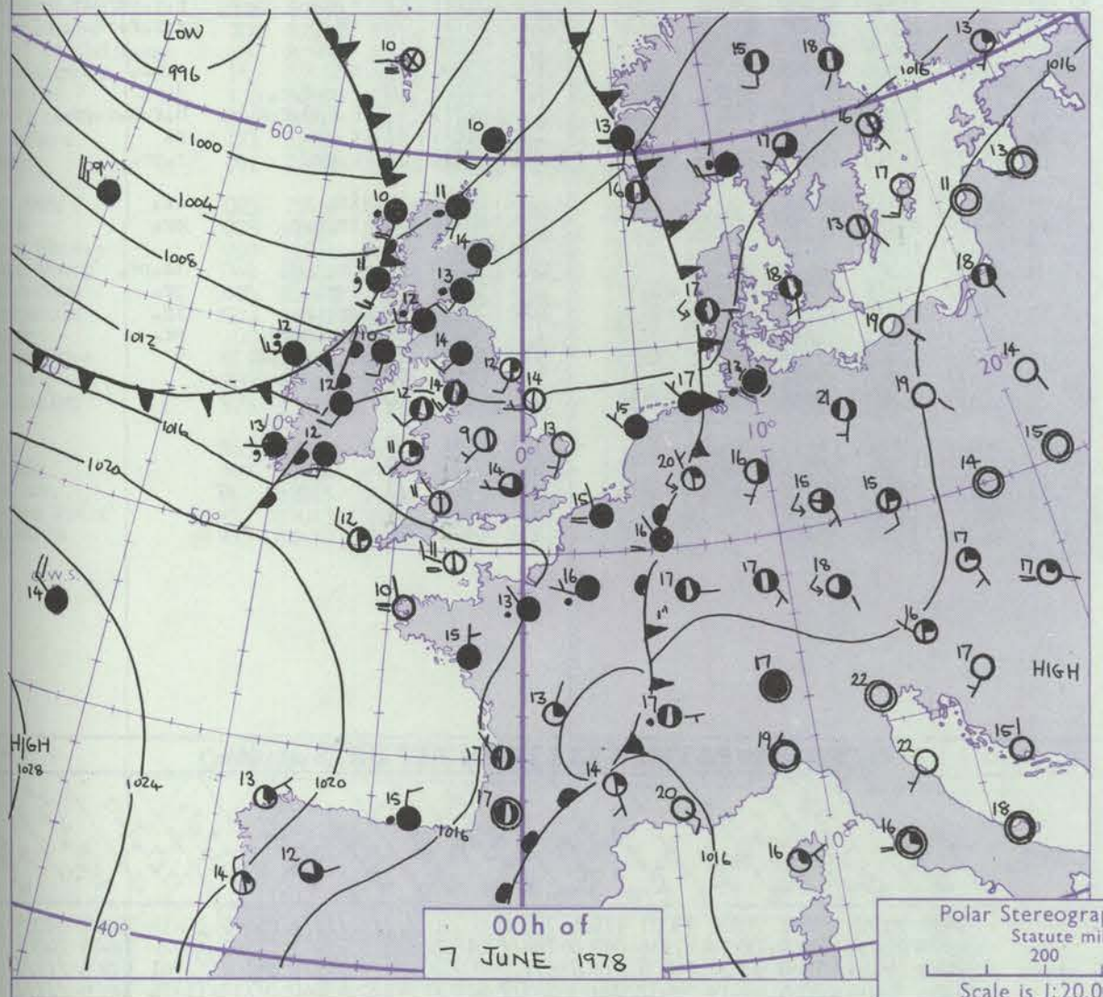
Brindisi
Zürich
Innsbruck
Klagenfurt
Graz
Budapest







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 7 JUNE 1978

During the past 24 hours the trough in the southeast moved east into the Continent and a minor trough moved northeast across Scotland. The frontal system in the Atlantic moved steadily east into Ireland and the Irish Sea.

During the next 24 hours, the fronts will continue to move east in the north but the cold front is expected to become slow-moving with waves across England.

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

Code FM 11.V — OBSERVATIONS at 00h. — 7 June 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	62905	85038	15910	656//	08000	86631		
Hurn	862	03002	80011	15911	00900	09000			
Manston	797	82605	65022	14515	884//	13802	81815	88635	
Gatwick	776	11901	66021	15310	10930	10802	81358		
Kew									
Heathrow	772	62705	70021	14914	6093/	11802	86359		
Honington	586	72204	70031	14015	4577/	12802	84656	87360	
Wattisham	590	72607	62032	14114	7095/	12705	87358		
Gorleston	497	01903	58051	14113	00900	12602			
Aberporth	502	22410	80021	15511	00902	10001	82075		
Filton	628	12507	70020	15811	15730	10802	81650		
Rhoose	715	72806	68031	16312	763//	11109	83706	87709	
Hartland Point	703	12812	80021	17112	11500	11802	81820		
Mount Batten	827	13005	80030	17112	11401	11001	81815		
St.Mawgan	817	72709	75031	17512	714//	11001	87811		
Scilly	804	32910	82020	18612	32400	10102	83818		
Culdrose	809	12807	70100	18010	15600	10001	81635		
Guernsey	894	12809	57101	17111	00902	11000	81075		
Elmdon	534	12304	70020	14509	00901	08803	81075		
Cardington	559	02406	66021	14710	00900	10400			
Wittering	462	12707	66021	14211	00901	10000	81075		
Watnall	354	02404	75010	14311	00900	09803			
Shawbury	414	52513	81031	13912	15642	10806	81645	85075	
Finningley	360	12303	82020	13011	15600	09803	81645		
Spurn Point	396	12606	62010	13114	10970	11801	81360		
Leeming	257	51906	82021	12113	15641	10806	81630	85080	
Tynemouth	262	22007	69021	11313	20930	10603	82359		
Carlisle	222	82308	80032	10614	6857/	11807	81820	83630	85656
Valley	302	72411	80022	13512	38508	10805	81826	83634	87270
Ringway	334	52105	80012	13814	55700	10802	85656		
Squires Gate	318	72315	75032	13314	755//	11604	87625		
Ronaldsway	204	82511	80602	12112	854//	09802	83712	88656	
Mull of Galloway	131	82515	60636	10911	2742/	10806	82710	88520	
Eskdalemuir	162	81906	58052	10112	863//	11809	88709		
Prestwick	135	82611	64616	09612	853//	11810	81709	85711	86616
Abbotsinch	140	82409	65616	09012	853//	11809	81708	83712	87620
Leuchars	171	82310	70601	08413	855//	11703	86626	88650	
Dyce	091	81906	75032	07014	6557/	09802	82625	86630	87460
Lerwick	005	82322	60216	03110	872//	09603	86705	88708	
Wick	075	82006	75616	05011	855//	09711	84622	88645	
Sule Skerry	010	82312	68616	03110	874//	10811	88715		
Cape Wrath	049	81416	75606	02009	872//	07719	88705		
Stornoway	026	81920	58616	01410	853//	10832	82709	85618	88625
Benbecula	022	82414	50506	02911	862//	11515	85705	88710	
Tiree	100	82114	60506	04911	851//	11719	82702	84704	86706
Aldergrove	917	81911	80216	10310	863//	09710	81706	84707	88709
Malin	980	82319	60616	07712	872//	11510	83705	85706	87710
Belmullet	976	82615	56586	10312	862//	11202	83704	88710	
Birr	965	82111	66026	12712	864//	10814	88710		
Dublin	969	82308	75606	12211	854//	09812	81717	83640	87656
Shannon	962	82415	50586	13413	862//	12712	82704	84707	88709
Roches Point	952	82011	70022	15612	863//	11804	85708	88712	
Valentia	953	82611	30506	15313	863//	12604	88707		

Code FM 11.V — OBSERVATIONS at 06h. — 7 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	62505	80021	15510	00901	09400	83170	86078	
862	42504	70031	15911	15431	10301	81615	84075	
797	12704	57051	14414	00901	12501	81078		
776	22802	70030	15311	15782	10601	81656		
775	12404	70021	15112	15731	09302	81650		
772	32707	65011	15112	16302	10302	81707		
586	32607	60011	14013	00902	10301	83078		
590	32609	56051	13814	00902	11501	83075		
497	42705	60051	13314	35630	12603	83635	84358	
502	82209	58601	14212	853//	11703	85707	88625	
628	72712	75011	15313	753/1	10702	84707	85650	
715	82710	80031	15212	65377	10001	81709	86635	88275
703	82618	80031	15512	854//	11605	84715	88630	
827	72707	80021	16612	654/6	10400	81712	86656	87275
817	82410	65602	16612	854//	11603	83710	88612	
804	82612	81021	17413	855//	11702	88622		
809	82710	80605	17312	854//	10501	83710	88620	
894	43008	81011	17212	38232	11500	81705	83810	
534	72211	66021	13712	1571/	09602	81656	87462	
559	52406	58101	14412	00902	11400	85075		
462	72306	56101	13611	15736	10602	81656	83365	87275
354	82405	59031	13412	60977	10603	82360	86463	88270
414	81907	64616	12912	6542/	11804	85711	86650	88459
360	81608	62601	12012	2577/	11604	82650	88462	
396	62411	65031	12013	656//	10704	86630		
257	82010	58636	10712	6542/	11804	84615	85630	88557
262	82008	69606	09212	8092/	10705	88458		
222	82210	30516	08611	872//	11713	87705	88709	
302	82118	62615	11811	852//	10708	85704	88626	
334	82210	58636	12312	4542/	11607	81616	84656	88459
318	82217	35586	11212	852//	11711	87704	88612	
204	82313	75016	10011	872//	10609	82703	85705	88708
131	82320	58026	09111	3742/	10602	83710	88458	
162	82112	35606	08210	872//	10606	88703		
135	72514	57586	07711	782//	11503	82704	84706	87611
140	72510	70216	06611	753//	11606	81708	85712	87624
171	72410	66036	05412	763//	10711	87709		
091	62010	83012	04012	35672	10710	81630	83650	85362
005	81710	56606	01009	6617/	09712	86702		
075	62111	84016	02112	684//	10506	81716	86645	
010	82308	60216	99910	864//	10504	88715		
049	72735	74256	00909	784//	08305	86815	87620	
026	72612	66308	03509	784//	08216	83818	84623	87630
022	72620	72606	04810	754//	09214	82710	84617	87624
100	72511	81806	06510	784//	08211	81817	83622	87627
917	82712	75625	09212	7537/	10303	83706	84711	87622
980	72816	81028	08511	784//	07206	82711	85715	
976	82611	66605	10611	5647/	09301	83714	83638	88459
965	82607	80025	11812	864//	10603	84715	88632	
969	82410	70026	10513	863//	11604	85706	87640	
962	82812	58615	12712	862//	12701	83705	84710	88718
952	82409	65606	13913	863//	12603	88708		
953	82713	30516	14712	863//	12502	88706		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	00080	02	+	+
862	00071	03	+	jf
797	00131	12	+	+
776	00080	03	+	+
775	00110	02	+	+
772	00110	06	+	+
586	00120	11	+	+
590	00110	07	+	+
497				
502	02111	07	+	$ir_or_or_rd_or_o$
628	97110	07	+	r_o
715	97110	09	+	$ir_rd_or_o$
703	97121	09		
827	97110	07	+	ir_o
817	97110	08	+	ir_or_o
804	97121	10	+	id_o
809	97100	06	id_o	ir_o
894	00100	05	+	+
534	97070	04	+	r_or_o
559	00070	04	+	+
462	00090	05	+	+
354	97101	06	+	r_or_o
414	02111	07	+	r_or_or
360	01091	04	+	r_or_or
396			+	id_o
257	05121	10	r_o	rrr_o
262	03121	10	$r_or_orrir_o$	ir_o
222	01101	09	r_orr_o	$d_or_od_od_odid_o$
302	02111	11	$r_od_or_o$	$d_or_odrrrr_or_o$
334	02111	10	+	r_orrr_o
318	01111	11	r_or_o	$r_or_ordrd_or_o$
204	05111	10	ir_or	$r-r_or_o-d_o$
131	03091			
162	03091	09	rr_o	$rrir_o$
135	01101	10	$r_or_od_or_o$	d_or_o
140	94111	10	$r_or_od_or_od_or_o$	$d_or_od_or_opr_o$
171	01111	11	r_orr	r_o
091	03111	10	r_orr	r_opr_o
005	02091	09	ir_o	ir_o
075	02111	09	$ir_or_or_o$	pr_o
010	05091	09		
049	06082	08	$ir_od_od_o$	id_opr_o
026	01091	08	r_or_o	pr_o
022	02101	09	drr_or_o	ir_o
100	04101	09	d_or_odrrR	pr_o
917	02101	10	$r_or_orir_od_o$	+
980	0210	09		
976	0211	10		
965	0111	10		
969	9211	10		
962	0212	11		
952	9712	11		
953	0112	12		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	07001	80312	98026	14106	885//	00223	/////	/////	05403	10834	30705	/////
	99572	70200	07004	82727	97022	06708	854//	61214	83715	88625	0//03	11089	30404	24008
	99662	10015	07004	81022	94104	05407	862//	00718	/////	/////	00006	10743	30505	/////
	99469	70167	07004	83018	98032	25313	5567/	00105	85640	86360	0//11	11366	30806	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	07061	70307	98021	17405	78500	00220	/////	/////	05502	10817	30402	01005
	99573	70204	07064	72923	97256	06709	784//	61305	85815	87625	0//05	11020	30404	24008
	99663	10014	07064	80924	96635	01907	5722/	00718	/////	/////	05107	10741	30505	/////
	99469	70169	07064	83019	98032	24813	885//	61500	81820	88640	0//11	11374	30806	/////

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 42567

ISSN 0307–2541

Date of Issue THURSDAY 8 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 7 June 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	82309	70582	15514	7542/	11000	85615	86650	88462
Hurn	862	72411	75011	16016	3857/	11801	81820	83625	87462
Manston	797	42212	82011	14121	14535	11807	81828	83075	
Gatwick	776	72514	80031	14719	14676	11706	81832	84359	87275
Kew	775	72609	81031	14617	3557/	09805	83625	87465	
Heathrow	772	82412	81031	14618	34507	10703	83628	88275	
Honington	586	82513	80031	13219	21637	10705	82830	83365	88270
Wattisham	590	72414	70031	13019	21636	10706	82830	87275	
Gorleston	497	62314	66021	12420	50931	10709	85360	83075	
Aberporth	502	82512	60586	13913	852//	12303	81704	85705	88640
Filton	628	82209	62615	15314	853//	13000	83708	85710	88618
Rhoose	715	82611	58616	14814	852//	13801	81705	85706	88612
Hartland Point	703	92419	01515	15413	9////	12103	89///		
Mount Batten	827	82410	58506	16314	872//	13802	81705	86707	88710
St.Mawgan	817	82316	15516	16913	870//	13400	86700	88701	
Scilly	804	82715	56205	17714	853//	12203	84707	88617	
Culdrose	809	82809	60056	17314	870//	13101	81701	84703	88706
Guernsey	894	72515	83021	18416	48408	11601	83812	84275	
Elmdon	534	82111	58616	13613	7532/	11001	83708	87612	
Cardington	559	82310	65606	14116	48627	12803	83830	83650	86462
Wittering	462	82213	65616	13414	3857/	12000	82820	83359	88462
Watnall	354	82109	40616	12913	873//	12400	84707	88709	
Shawbury	414	82410	62636	12315	853//	13603	81706	83708	86710
Finningley	360	82111	62636	11415	6547/	13703	81712	85620	86650
Spurn Point	396	82314	58606	11614	7557/	12602	87625	88360	
Leeming	257	82511	66636	09914	7547/	12502	83714	87628	88458
Tynemouth	262	82510	80808	08315	5357/	11602	85925	88358	
Carlisle	222	82611	65028	08914	3847/	10304	81710	88464	
Valley	302	82513	59216	12113	852//	11400	81704	84620	88645
Ringway	334	82310	66616	11614	6532/	13503	82708	86612	88459
Squires Gate	318	82416	60616	11213	852//	12501	85705	88614	
Ronaldsway	204	82910	82036	11013	884//	10305	84812	84616	88650
Mull of Galloway	131	82906	78612	10511	3851/	11204	82820	88460	
Eskdalemuir	162	82514	82026	08413	3247/	07102	83818	88462	
Prestwick	135	72817	82026	09212	784//	07005	81712	83818	87645
Abbotsinch	140	72718	80258	08013	38538	07203	81825	83640	87270
Leuchars	171	72715	84022	06315	38602	05209	82830	87070	
Dyce	091	72811	84038	04318	38506	06303	83825	86272	
Lerwick	005	72419	56016	00811	7823/	09311	81705	83812	85635
Wick	075	72817	88038	04712	6846/	06216	84819	84635	86359
Sule Skerry	010	52719	66016	02711	32470	08210	83815	83358	
Cape Wrath	049	82430	65808	03509	884//	07206	85815	88620	
Stornoway	026	82615	75808	05212	884//	05108	83817	84624	88635
Benbecula	022	72617	80256	06710	784//	08209	82815	87626	
Tiree	100	82515	82258	07912	884//	08106	82816	84626	88637
Aldergrove	917	82709	65616	10712	4542/	10205	82714	83630	88458
Malin	980	82413	80215	09911	6647/	09206	81710	83716	88460
Belmullet	976	72610	74215	11412	6847/	09204	82712	83717	85458
Birr	965	82711	70606	12214	7642/	12801	87711	88458	
Dublin	969	82708	65616	11513	862//	12301	84705	87714	88630
Shannon	962	82816	65586	13114	863//	13201	83708	86715	87630
Roches Point	952	83013	70026	14315	864//	12301	88714		
Valentia	953	82610	58206	15114	862//	13203	88704		

OBSERVATIONS at 18h. 7 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	82212	57636	14413	872//	13503	83704	86706	88709
862	82309	57636	15013	872//	13604	84705	88707	
797	72213	80601	14015	60978	12305	85359	86462	
776	82313	56636	14913	853//	12306	82707	83709	88615
775	82107	60636	14114	6742/	13201	86710	88556	
772	82108	58636	14015	853//	13502	83708	85618	88625
586	82207	56636	12614	6532/	13702	84706	85621	88540
590	82411	58636	12914	3732/	12001	83706	88550	
497	82410	60616	12415	8062/	13103	88540		
502	82617	65256	13513	883//	12301	81706	85620	88650
628	82708	65606	14114	872//	13702	85705	88709	
715	82711	58606	13913	870//	12400	81701	86702	88703
703	82820	30606	15213	872//	13303	88704		
827	82610	57506	15814	852//	13000	82703	86706	88612
817	82513	16506	16713	870//	13303	83700	85701	88703
804	82813	60026	17714	854//	12103	88617		
809	82813	20506	17213	871//	13204	81702	83703	88705
894	82517	03586	17911	870//	11602	88700		
534	82508	62615	12214	5532/	13301	82708	84629	88557
559	82210	61636	12614	854//	14804	85710	85714	88635
462	82410	57636	11614	854//	13706	84710	88650	
354	82508	40636	11513	7732/	13502	87707	88540	
414	72510	75216	11614	5842/	11501	81710	83822	85645
360	82707	59636	11013	883//	12302	81707	88618	
396	82510	62616	10314	854//	13103	83715	88625	
257	82406	75616	10112	1542/	08102	81615	88460	
262	82712	69618	09312	8062/	09103	88530		
222	72907	80216	09912	78432	09304	81710	86656	
302	82402	70636	12212	852//	11304	83704	88640	
334	83106	40586	11511	872//	11301	83705	88712	
318	83107	60616	11711	853//	10203	82708	84620	88635
204	72805	75216	11711	754//	09203	81712	83630	87640
131	62308	84016	11211	4853/	10102	81825	84630	86360
162	62407	80018	09411	5843/	06301	82818	83640	86360
135	72714	70026	09912	6843/	10203	81711	83820	85645
140	52614	82018	08713	58500	07203	82825	84650	
171	42616	86021	06815	38602	06001	83830		
091	61205	84012	05913	58501	07104	81825	85640	
005	52419	80011	01710	48471	07105	81815	84635	
075	63013	82252	05311	58463	07303	82816	84635	
010	72720	70258	03210	39463	08103	83915	86360	
049	72720	70808	04410	784//	07400	84815	87620	
026	72418	68808	05810	784//	08205	87818		
022	52514	80018	07211	58400	09204	83816	83627	
100	72714	82022	08911	784//	06206	81818	87642	
917	52612	84016	10914	58500	06302	82822	84635	
980	72817	82258	10712	785//	07206	85820	83640	
976	62913	76012	13313	634//	08209	81717	84820	81920
965	72710	64806	13713	784//	11211	86714	83820	
969	73106	60215	12413	783//	12210	81706	83817	87635
962	63011	80016	14714	584/2	11210	81710	83817	
952	72914	81022	14815	784//	11304	86817	84639	
953	82909	50505	16313	863//	12207	88708		

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	07151	029	$d_or_or_or_o$	$r_orrdrd_cr_o$
862	03161	027	r_or_o	$r_or_orrr_o$
797	04221	104	+	r_orr
776	04201	077	r_o	r_or_orr
775	05182	047	r_o	$r_or_orrr_o$
772	05181	031	r_or_o	rrr_o
586	04201	052	r_or_o	r_or_orrdrR
590	04201	067	r_o	r_or_orr
497		042		
502	01141	000	$d_or_oid_oir_o$	$ir_opr_oir_o$
628	05151	000	$d_or_or_od_or_o$	$r_or_orrRrRr$
715	03141	000	$d_or_or_or_od_or_o$	$r_or_ord_or_od_od_o$
703	05131	000		
827	02141	000	$rd_or_or_o$	d_oRr
817	02131	000	r_odff	$ffid_o$
804	97150	000	id_oir_o	+
809	97141	000	id_oir_o	id_o
894	01161	048	+	$ir_od_or_offFF$
534	05151	000	$d_or_or_orr_o$	$r_or_odrrrr_or_o$
559	03171	024	$ir_or_or_o$	$r_or_orrr_or_o$
462	04161	005	r_or_o	$r_or_orrRr_or_o$
354	04141	000	r_or_o	r_or_orrR
414	06151	000	r_or_orr	rrr_or_o
360	09151	000	rrr_or_or	rrr_o
396			$id_or_or_o$	r_or_o
257	04141	001	rr_or_o	r_or_o
262	05151	000	pr_orr	rrr_or_o
222	04151	000	$id_opr_or_or_or$	r_orR
302	05141	000	ir_orr	$rrd_or_oid_o$
334	07141	000	r_or_orr	$rrd_or_o-r_o$
318	03141	000	r_or_or	$r_or_ord_or_o$
204	01141	010	r_or_or	rr_or_o
131	01131			
162	01131	002	ir_o	pr_or
135	91141	027	ir_o	pr_o
140	97151	047	pr_o	pr_o
171	00161	051	+	+
091	97181	060	pr_o	pr_o
005	97121	044	ir_o	+
075	91151	060	pr_o	pr_o
010	92141			
049	92111	013	pr_o	pr_o
026	96121	020	pr_o	pr_o
022	94121	004	id_opr_o	pr_opr
100	97131	011	pr_o	pr_o
917	01150	021	$ir_or_or_o$	+
980	0113	014		
976	0115	050		
965	0315	016		
969	0514	017		
962	0115	001		
952	9317	006		
953	9314	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

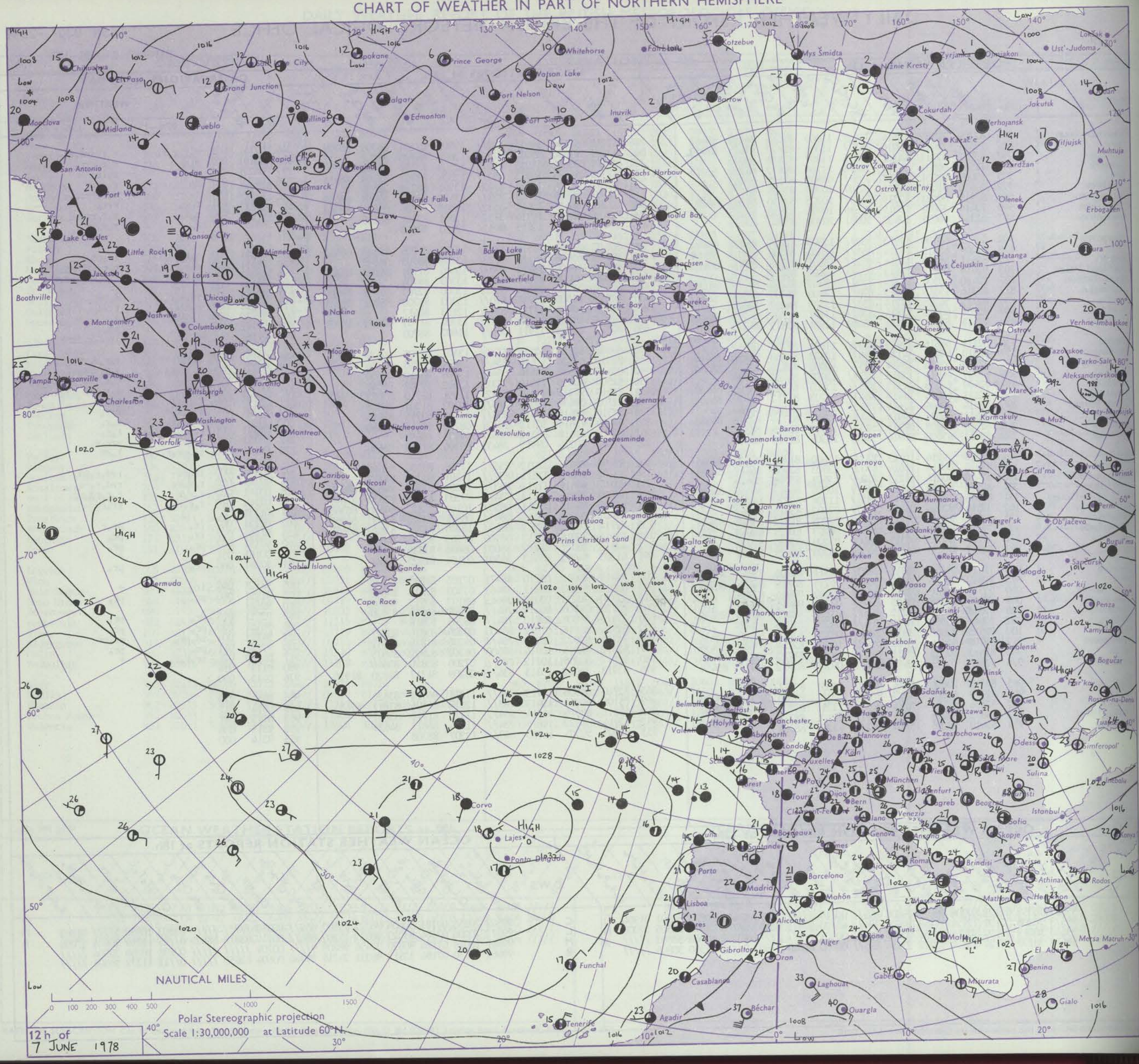
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07121	80306	98022	19806	855//	00114	/////	/////	05401	10832	30301	01904
L	99573	70208	07124	72924	97168	10609	784//	61320	84815	86630	0//06	11024	30505	27008
M	99660	10019	07124	90914	92456	00508	9////	00501	/////	/////	00208	10744	30503	/////
R	99470	70170	07124	82814	98022	25014	885//	00400	81820	87640	0//11	11350	30806	/////

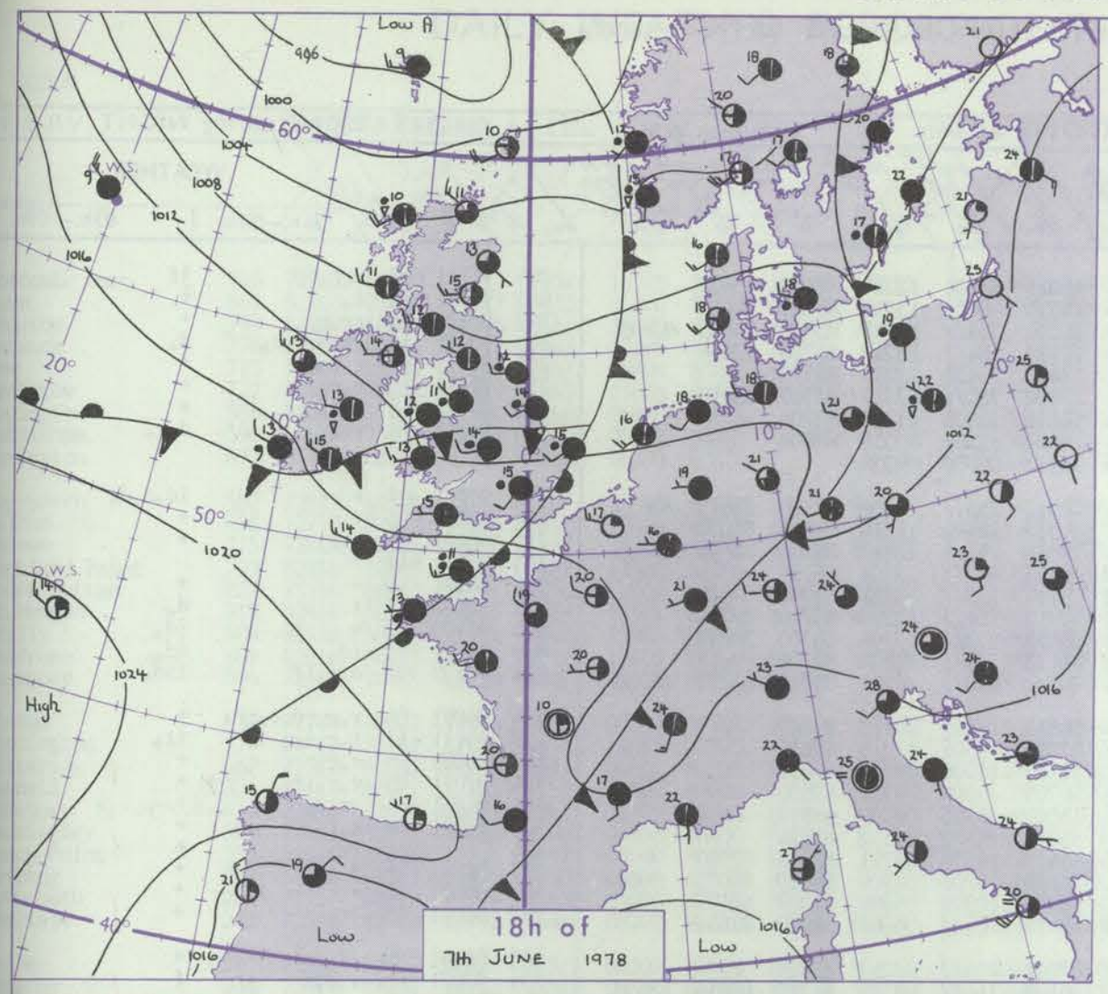
OCEAN WEATHER STATION REPORTS at 18h.

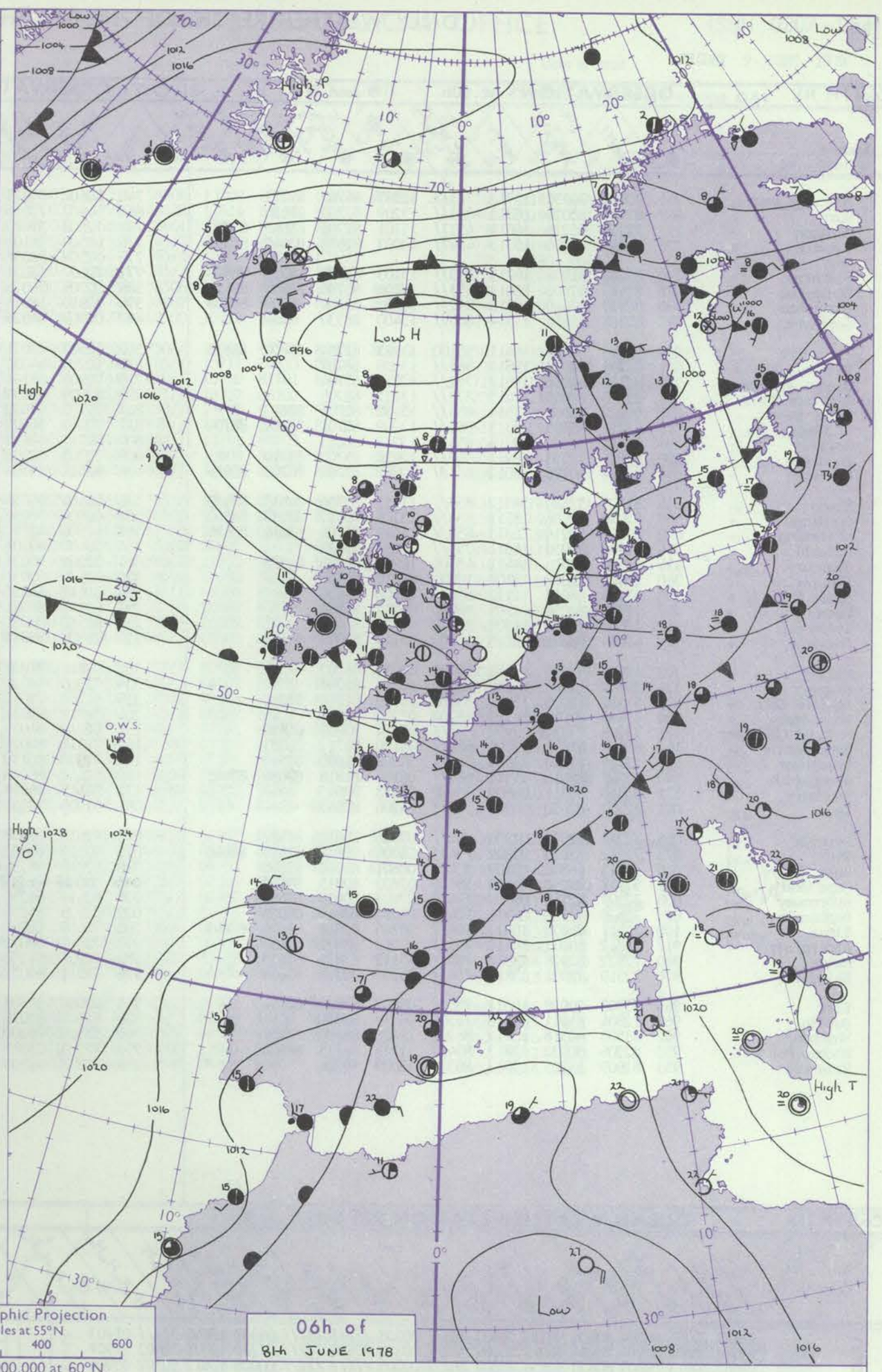
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	07181	80604	98022	19807	855//	00002	/////	/////	05303	10860	3////	01803
L	99572	70206	07184	83023	98032	13209	884//	00114	83818	88625	0//05	11014	30404	27008
M	99661	10016	07184	90820	92454	98808	9////	00709	/////	/////	00108	10740	30504	/////
R	99469	70170	07184	32817	98031	24214	25740	00604	82650	/////	0//12	11372	30504	/////

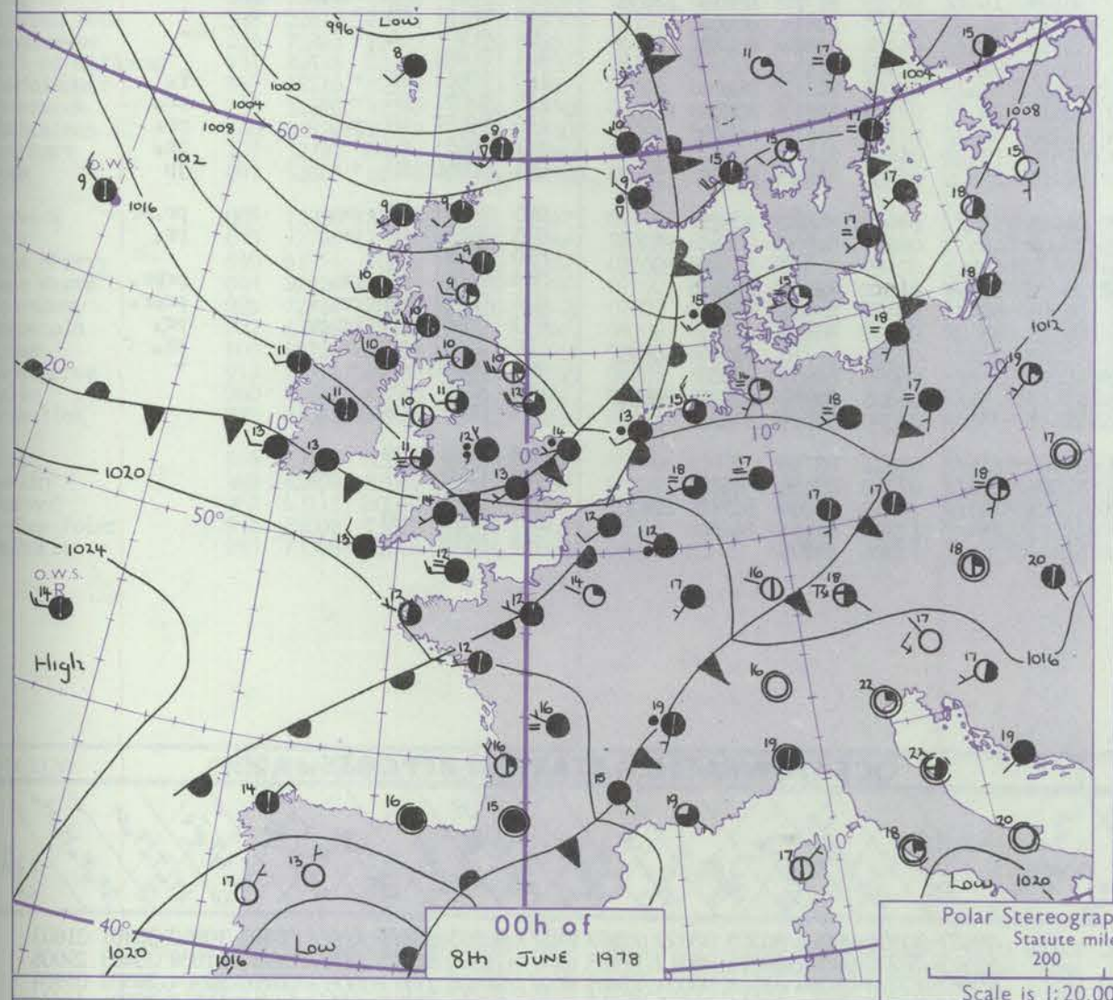
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 8 JUNE 1978

During the past 24 hours the depression southeast of Iceland remained slow-moving, while the associated frontal troughs moved across northern Britain and the North Sea. However, waves on the cold front retarded its progress across southern England and southern Ireland.

During the next 24 hours the low near Iceland is expected to move steadily east. The associated cold front is expected to remain slow-moving across the south of the British Isles as further waves move along it from the west.

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

Code FM 11.V — OBSERVATIONS at 00h. — 8 June 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	72607	74036	15712	763//	12207	84707	87711	
Hurn	862	82405	65026	16313	853//	13209	82708	88624	
Manston	797	72318	66216	14613	6537/	13701	82706	85645	87360
Gatwick	776	72608	65206	15313	4547/	13003	82618	83645	87359
Kew									
Heathrow	772	82406	61026	14713	853//	13105	82709	84713	88628
Honington	586	82510	57606	13013	853//	13104	85706	86624	88650
Wattisham	590	82510	57616	13513	872//	12303	83704	86707	88710
Gorleston	497	82506	58616	12514	8062/	13400	88530		
Aberporth	502	52606	58108	16411	55100	11213	81702	83622	85633
Filton	628	82708	64036	15813	863//	13208	88707		
Rhoose	715	72710	60016	15913	762//	12310	87704		
Hartland Point	703	82510	82026	17413	872//	13112	88705		
Mount Batten	827	82807	65025	17514	853//	13108	82708	88613	
St.Mawgan	817	82711	45105	18313	860//	13209	82701	85702	88704
Scilly	804	83012	65022	19713	854//	12213	88613		
Culdrose	809	82911	45505	18913	862//	12214	85707	88710	
Guernsey	894	82614	58106	19012	851//	12307	83702	84703	87615
Elmdon	534	83407	57586	14312	853//	11212	83706	84612	88620
Cardington	559	82410	50606	13513	854//	13305	83712	83633	88650
Wittering	462	83006	57216	13313	853//	11211	81706	83616	88656
Watnall	354	72902	60056	14311	755//	10215	87620		
Shawbury	414	42503	58016	14411	45300	10216	81706	84625	
Finningley	360	12406	62016	13109	10932	08210	81359		
Spurn Point	396	62718	68028	12112	656//	11608	86630		
Leeming	257	12304	80026	12509	10940	06212	81360		
Tynemouth	262	12808	80026	11309	10940	08210	81359		
Carlisle	222	42604	80031	12110	45500	07113	82628	83650	
Valley	302	12608	58285	15410	16200	09215	81703		
Ringway	334	22802	15406	14210	25300	10213	81707		
Squires Gate	318	52512	75036	13811	55400	10110	81714	83630	
Ronaldsway	204	13403	80016	14110	15700	07212	81650		
Mull of Galloway	131	73208	83032	13909	785//	08214	83825	85630	
Eskdalemuir	162	62507	81038	12008	684//	05110	81712	86635	
Prestwick	135	72715	82028	12110	785//	04208	81820	87645	
Abbotsinch	140	62407	80018	11210	684//	06109	81818	83634	85645
Leuchars	171	32610	86011	09509	35600	03213	83645		
Dyce	091	72707	82038	07909	756//	04206	87645		
Lerwick	005	72213	62808	02308	784//	07806	85812	87630	
Wick	075	72312	83028	05909	784//	05704	82818	83625	86640
Sule Skerry	010	52312	66808	03509	33470	08601	83915	85360	
Cape Wrath	049	52718	82258	04609	58400	07803	83815	85620	
Stornoway	026	72307	62258	06709	794//	07003	83914	87635	
Benbecula	022	72620	70158	08310	784//	08202	83815	86625	
Tiree	100	72511	81028	10410	784//	08105	82818	83624	87643
Aldergrove	917	72812	80031	14410	755//	05213	83622	86633	
Malin	980	72822	82028	13310	785//	05112	83820	87638	
Belmullet	976	72510	78031	15811	754//	05107	82718	87630	
Birr	965	72903	70028	16611	785//	08009	83820	87634	
Dublin	969	12804	81011	15810	18500	08216	81820		
Shannon	962	83503	40518	16912	862//	11108	85704	88707	
Roches Point	952	82206	80032	17813	854//	11215	81715	88624	
Valentia	953	82609	65205	17813	863//	13009	88706		

OBSERVATIONS at 06h. — 8 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	52607	64025	18013	58401	12214	81812	85628	
862	52607	70015	18214	48402	13210	81815	84625	
797	72508	59012	16714	753//	13215	83708	83615	87645
776	62509	58105	17713	684//	13217	81710	83816	
775	52504	58056	17414	56430	12213	85710		
772	72607	58031	17414	783//	13317	81709	86813	
586	22708	56026	16611	26300	11221	82706		
590	32910	58016	16412	32300	10219	83808		
497	02909	64026	15912	00900	09224			
502	72507	63021	18011	753//	10308	81706	83618	87635
628	62704	64031	18312	18402	11314	81815	86078	
715	72905	58101	18012	45201	11212	82704	83625	86075
703	82909	50032	18813	862//	13306	88705		
827	72705	67022	19214	753//	12211	82708	87620	
817	72410	50102	19713	761//	12307	85702	87704	
804	82711	40152	20413	853//	12306	84707	88617	
809	72705	62025	20113	753//	11307	81706	87616	
894	82811	19504	20112	870//	12207	84700	85701	88703
534	12404	64026	16811	15601	09213	81640		
559	42904	58056	17012	48501	11216	83820		
462	12706	42101	16510	18400	09213	81812		
354	22407	40101	16709	25600	09211	82630		
414	32204	80031	16509	28405	09309	81818		
360	32106	62031	15311	28502	09312	81824		
396	32418	66021	14411	11570	08211	81825	83360	
257	62102	80031	14010	45701	07309	84650	85075	
262	62510	80031	12709	10949	05208	81358	86175	
222	72807	83031	13410	785//	06309	81820	87642	
302	72814	81021	17011	755//	07212	87628		
334	72305	64024	16109	754//	08313	81710	84616	87630
318	62714	75011	15811	48401	05315	82816	84640	
204	72911	82031	15510	785//	04208	81824	87640	
131	82510	84032	14910	846//	07209	88630		
162	72111	80021	12808	754//	05108	84712	86635	
135	72620	80152	12510	784//	07303	81812	83816	87645
140	62611	80258	11210	6843/	07102	81818	86640	
171	32515	86010	09510	18539	06400	81820		
091	51905	88031	07810	25644	05501	81630	84070	
005	72618	70808	01408	784//	06400	85812	87625	
075	72514	80801	05409	48532	06801	82820	83635	85359
010	82816	68258	02809	49463	07605	84910	86360	88075
049	72724	80818	04108	784//	06400	83815	87620	
026	62412	66258	06408	684//	07400	83815	86632	
022	32725	65258	08310	38400	07202	82815		
100	72616	62808	11009	784//	07206	81710	83815	85622
917	72614	80022	15010	755//	05006	83622	87630	
980	72924	81258	13611	784//	06306	82716	84820	86638
976	72911	82022	16511	755//	05206	82721	87635	
965	80000	58505	17709	864//	08311	88710		
969	82504	82031	17009	855//	07310	83624	88635	
962	73508	56206	17511	763//	10310	83706	85712	87620
952	72205	70015	17513	754//	12303	82713	86626	
953	72805	58506	18112	762//	12304	87705		

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	91111	07	$d_or_od_o$	jf
862	91131	11	d_o	+
797	02131	12	rr_or_o	+
776	92121	11	rr_o-dd_od_o	d_o
775	91131	12	r_oir_o	+
772	91131	12	r_or_o	+
586	01111	10	$r_or_orir_o$	+
590	01111	11	rrr_o	d_or_o
497				
502	92101	07	+	$id_od_od_o$
628	00111	05	+	+
715	00101	09	+	+
703	97131	12		
827	00131	12	+	+
817	97120	12	+	d_o
804	97120	13	+	id_o
809	97131	12	id_o	id_o
894	97120	10	d_or_off	fid_o
534	94091	06	$r_or_ord_or_o$-r_o	+
559	93111	11	$r_or_oir_o$	ir_o
462	96081	05	r_or_o	+
354	97071	02	$r_or_oir_o$	+
414	94061	01	rr_or_o	+
360	97071	04	r_or_o	+
396			pr_o	+
257	00081	06	+	+
262	00081	05	+	+
222	00091	05	+	+
302	00091	04	if	+
334	97071	06	r_od_of	f
318	00111	08	+	+
204	00071	04	+	+
131	00081			
162	97061	02	+	r_o
135	97091	08	+	pr_o
140	92091	08	pr_o	pr_o
171	94051	02	+	pr_o
091	00060	03	+	jp
005	04071	07	pr_o	pr_opr
075	97061	03	pr_o	pr_o
010	01081	07		
049	04061	07	pr_o	$prpr_o$
026	02081	06	pr_opr	$prpr_o$
022	02081	07	pr_opr	pr_o
100	95081	07	pr_o	pr_o
917	00090	08	+	+
980	9710	08		
976	0009	08		
965	9209	09		
969	9707	07		
962	0211	11		
952	9712	10		
953	0112	12		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	08001	80604	98022	21407	885//	00208	/////	/////	05302	10840	3////	01/03
	99572	70204	08004	73114	98012	16109	755//	00320	87620	/////	0//02	11021	30403	27907
	99661	10013	08004	80820	94636	98308	7622/	00705	/////	/////	00008	10812	10302	05904
	99469	70171	08004	72614	98021	24414	757//	00802	87650	/////	0//13	11361	30604	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	08061	80205	98022	22607	885//	00303	/////	/////	05303	10840	30301	01803
	99573	70204	08064	63016	98012	17308	655//	71301	86625	/////	0//04	11038	30403	29006
	99662	10010	08064	81116	96024	97808	862//	00208	/////	/////	00108	10774	30302	05904
	99469	70169	08064	82716	96516	23213	863//	00606	88705	/////	0//13	11368	30604	/////

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. 42568

Date of Issue FRIDAY 9 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 8 June 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	72311	80022	18717	785//	12705	82822	83635	87650
Hurn	862	62105	81032	19417	6853/	12702	83822	85650	
Manston	797	61307	68032	18516	644//	13601	81812	83818	86640
Gatwick	776	72709	84021	18917	786//	10000	84832	86650	
Kew	775	72907	82021	18617	745//	09804	85825	87640	
Heathrow	772	62609	83021	18219	48631	11805	83836	83650	
Honington	586	52313	81021	17517	41601	06802	84834		
Wattisham	590	52616	75011	17717	42502	08001	84825		
Gorleston	497	32710	66011	17215	32500	05103	83825		
Aberporth	502	72613	40506	18014	770//	13505	81700	83703	87707
Filton	628	72713	82012	18618	685/1	12804	83820	85640	
Rhoose	715	72814	64026	18816	683/1	13804	82706	83812	85640
Hartland Point	703	82914	14505	19613	872//	13502	88705		
Mount Batten	827	72510	80022	20315	68502	12802	82820	85630	86075
St.Mawgan	817	82414	56505	20614	871//	13501	82702	85703	88705
Scilly	804	82413	58025	20914	854//	13804	88617		
Culdrose	809	82612	56205	21014	852//	12602	81703	84707	86710
Guernsey	894	72712	70025	21714	760//	12103	83701	86703	
Elmdon	534	72709	82021	17316	785//	09803	84824	87640	
Cardington	559	52712	75011	17618	48502	11805	82825	83640	
Wittering	462	72912	84031	17017	646/2	09601	82835	85645	
Watnall	354	72713	80031	17115	715//	09503	87826		
Shawbury No correction	414	72811	82021	16815	784//	11705	82818	87626	
Finningley	360	72615	82011	15816	32602	06805	83830	87075	
Spurn Point	396	52816	66021	15815	58571	05500	84820	84625	
Leeming	257	52514	86012	14415	58500	05804	82828	85645	
Tynemouth	262	72717	81022	13114	2563/	05400	82630	87358	
Carlisle	222	72515	82012	13712	784//	08202	81818	83825	86645
Valley	302	72611	82022	18413	785//	06302	81820	87640	
Ringway	334	73012	81031	17113	785//	06301	81822	87625	
Squires Gate	318	22615	85021	16913	18502	06101	81828		
Ronaldsway	204	72613	82022	16712	785//	06302	82825	87650	
Mull of Galloway	131	82415	82022	15511	855//	08702	88620		
Eskdalemuir	162	72216	82258	12611	785//	05804	84820	87635	
Prestwick	135	52920	82158	13814	58500	06205	82820	84650	
Abbotsinch	140	42620	82258	12014	48500	07500	84825		
Leuchars	171	32722	88018	09415	32600	05703	83830		
Dyce	091	52608	84258	07114	52500	04502	81826	85830	
Lerwick	005	72320	81258	01210	69472	07400	81910	83812	85640
Wick	075	72720	75258	05410	784//	06502	85816	86640	
Sule Skerry	010	62714	70038	02610	23470	07502	82910	86360	
Cape Wrath	049	82928	65808	03709	884//	07502	83815	88620	
Stornoway	026	72717	70808	06510	4842/	07303	82818	83630	87459
Benbecula	022	62725	79018	09811	684//	08209	82818	85640	
Tiree	100	42720	81028	12512	48400	07208	82818		
Aldergrove	917	72714	84802	16013	785//	06205	83823	84632	87645
Malin	980	72817	80028	15412	784//	06309	82818	87635	
Belmullet	976	83013	81026	18412	864//	08111	84717	87636	
Birr	965	63107	82015	18414	685//	05000	85822		
Dublin	969	62808	82022	17813	626//	06202	86830		
Shannon	962	63111	80012	19014	685//	06002	82825	86638	
Roches Point	952	73002	75022	18315	784/1	12500	85814	84629	
Valentia	953	73308	81016	19214	78500	09204	83820	87630	

OBSERVATIONS at 18h. 8 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	62408	83012	17316	58404	13709	83818	85656	85078
862	72413	70032	17916	45438	13611	83618	85357	
797	72213	80022	16818	58601	12713	81830	85656	
776	72313	82022	17517	785/2	11706	81825	87656	
775	72309	81022	16618	785/1	12709	83828	87650	
772	72509	82022	16618	785//	12709	83825	87650	
586	72313	75031	15218	58506	11613	81825	85645	86278
590	72413	65022	15718	38602	10714	81830	83645	86075
497	42314	66011	15319	42500	10713	84825		
502	73601	40405	17812	750//	11802	81700	84630	86640
628	72712	82032	17316	785//	13711	84823	86640	
715	82710	56155	17414	850//	13710	81701	87705	88612
703	82918	10515	18213	871//	13707	88702		
827	82512	58505	19014	853//	13609	83706	85711	88635
817	82413	16516	19513	870//	13707	84700	88701	
804	82413	56205	19513	862//	12711	88703		
809	82713	25505	19613	850//	13808	82700	85706	88612
894	72812	82022	20213	652/2	11611	81705	86615	86075
534	73008	70258	15617	7853/	11803	85820	83645	
559	62411	75022	15618	48532	13614	82828	83650	
462	53010	84012	15018	58500	12612	84825		
354	42709	80011	15815	18502	09602	81820	84070	
414	63609	81026	15914	58501	11705	81820	84824	
360	62714	84012	15016	24602	05400	82635	85075	
396	62718	66022	14615	656//	08507	86630		
257	52713	84021	14113	58600	06802	83830	84645	
262	52611	80022	12914	52600	06102	85830		
222	62816	82012	13613	684//	05501	81717	84825	
302	72209	82021	17512	757//	07601	87650		
334	62912	88021	16214	686/2	04602	81830	86640	
318	42515	84030	16313	28502	07503	81825	83072	
204	72811	82032	16013	785//	08502	31825	87645	
131	73417	84022	15912	785//	07301	81825	87630	
162	32519	86011	13111	38600	03307	82830		
135	52817	75022	14312	58400	05304	81818	83822	
140	32714	80038	13013	38600	03109	83830		
171	22626	82020	09713	21600	01203	82840		
091	72718	80158	07713	6853/	03104	81820	85824	
005	72420	65258	99909	6947/	07707	81911	83812	85638
075	72620	75808	04810	48432	05704	81712	84645	85360
010	72728	58162	02210	5936/	08703	82706	85910	87360
049	82930	62608	04308	873//	07304	88708		
026	72722	65258	07009	784//	08502	84818	87645	
022	72729	77158	10010	785//	07703	82820	84630	87640
100	22822	75258	13211	23400	06101	81917		
917	63114	88018	16513	68600	04303	83832	85645	
980	22823	80018	16012	28400	03102	82818		
976	72913	82012	18712	784//	06500	82717	87638	
965	72808	84022	17814	785//	07502	83824	86636	
969	72807	86022	17114	786//	07601	82830	87640	
962	53409	84021	18714	58502	07500	81827	85645	
952	31607	82018	17814	38400	12503	82816		
953	13312	81021	19014	11500	07701	81822		

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	92181	049	+	pr.prr.d.
862	00191	041	+	+
797	00190	045	+	+
776	00190	043	+	+
775	00190	064	+	+
772	00201	059	+	+
586	00190	106	+	+
590	00190	110	+	+
497		136		
502	91140	004	d.r.Fid.ff	ff
628	91191	049	+	d.-d.r.
715	92171	018	ir.id.	~~id.r.~~ id.-d.r.
703	01132	000		
827	97161	009	d.d.	d.
817	94151	000	d.d.r.	d.r.fd.d.ff
804	97150	000	+	id.ff
809	97141	001	id.d.d.id.	id.d.d.id.
894	00160	004	+	+
534	91191	073	pr.	pr.
559	00190	088	+	+
462	00191	095	+	+
354	00171	094	+	+
414	91161	040	+	d.r.
360	00181	103	+	+
396		5	+	+
257	00150	059	+	+
262	00151	102	+	+
222	00140	051	+	+
302	00141	040	+	+
334	00151	068	+	+
318	00141	105	+	+
204	00150	017	+	+
131	00130			
162	97141	071	pr.	pr.
135	97141	056	jp	pr.
140	97151	095	pr.	pr.
171	97160	138	pr.	+
091	95161	113	pr.pr	pr.
005	03101	040	pr.prpr.	pr.
075	02131	028	prpr.	pr.
010	03142			
049	04102	030	pr.	pr.r.r.
026	02111	038	pr.pr	pr.
022	01121	059	prpr.	pr.
100	91131	078	pr.	prpr.
917	97160	029	pr.	+
980	9114	040		
976	9713	004		
965	9116	030		
969	0015	021		
962	9716	035		
952	9717	033		
953	9116	094		

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

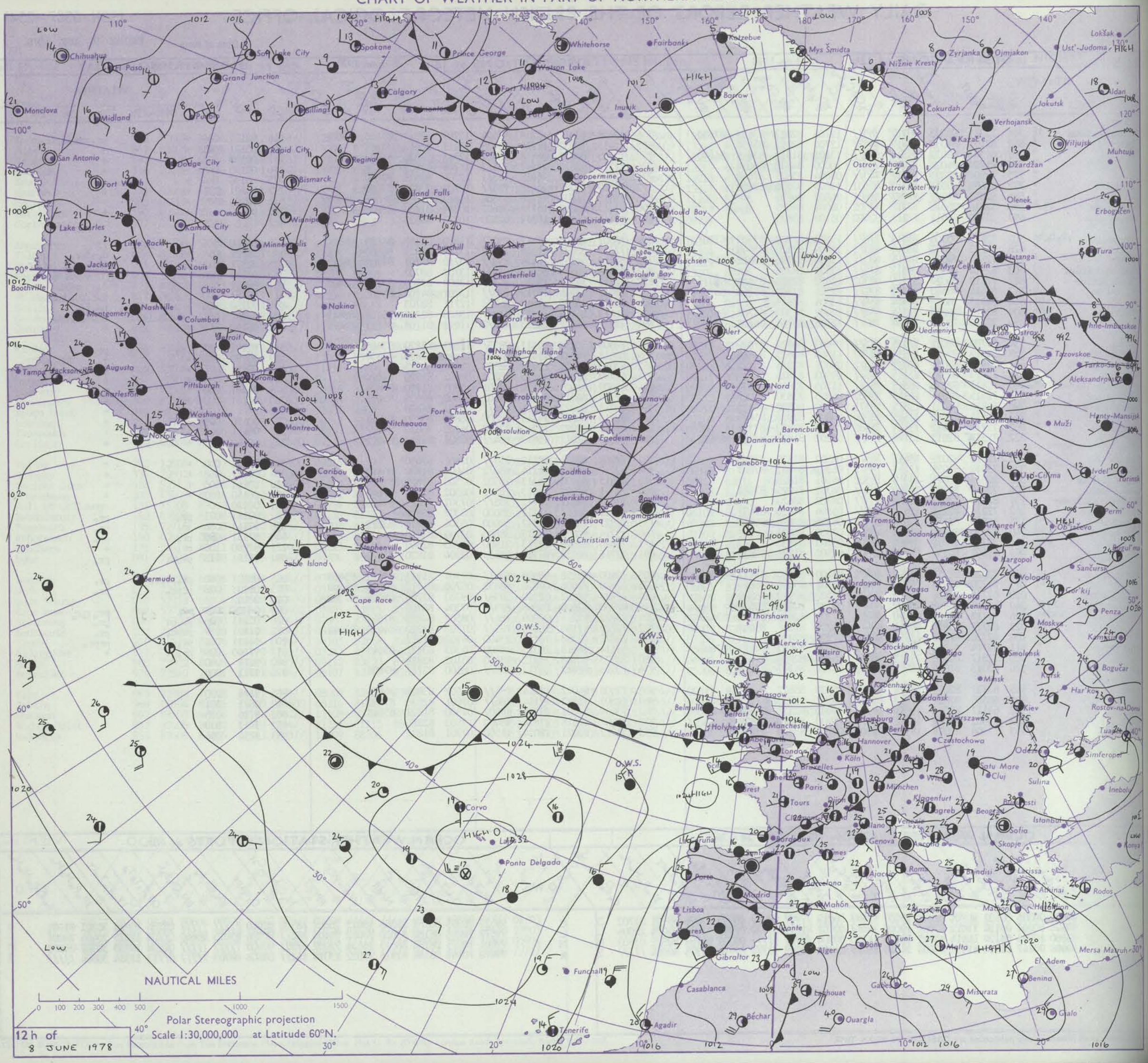
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08121	80705	98028	25207	885//	00213	/////	/////	05303	10870	30301	01702
L	99573	70204	08124	73022	98031	19009	784//	00107	82815	83630	0//04	11014	30404	28006
M	99660	10018	08124	60816	97022	98908	16370	00204	/////	/////	00207	10787	30302	03803
R	99468	70167	08124	82916	97025	24015	862//	00102	88703	/////	0//14	11375	30604	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	08181	70305	99022	26607	68530	00400	/////	/////	05204	10865	30301	01702
L	99572	70203	08184	83020	98012	20108	855//	00206	85625	88640	0//03	11025	30404	28007
M	99661	10015	08184	80615	96636	99007	4732/	00400	/////	/////	00008	10789	30302	04803
R	99470	70169	08184	82916	97022	23014	862//	00808	88703	/////	0//13	11384	30604	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Chihuahua
El Paso
Salt Lake City
Grand Junction
Monclova
Midland
Pueblo
Billings
Spokane
Prince George
Whitehorse
Watson Lake
Fort Nelson
Calgary
Fairbanks
Kotzebue
Mys Šmidta
Nižnie Krest
Zyrjanka
Ojmjakon
Lokšak
Ust'-Judoma
Aldan
Jakutsk
Verhojansk
Čokurdah
Viljujsk
Muhtuja
Džardžan
Erbogačen
Olenek
Tura
Vitim
Mys Čeljuskin
Ostrov Uedineniya
Tazovskoe
Turuhansk
Russkaya Gavan'
Mare Sale
Aleksandrovsk
Tarko-Sale
Hanty-Mansijsk
Muži
Malye Karmakuly
Tabsejda
Ust'-Cil'ma
Ivdel'
Turinsk
Perm
Ob'ačevo
Sančursk
Vologda
Gor'kij
Penza
Kamyšin
Bogučar
Har'kov
Rostov-na-Donu
Simferopol'
Inebolu
Konya
Rodos
Mersa Matruh
Benina
El Adem
Misurata
Ghalo
Ouargla
Laghouat
Béchar
Tenerife
Funchal
Agadir
Casablanca
Gibraltar
Lisboa
Porto
Madrid
Mahón
Alger
Oran
Tunis
Bône
Malta
Ajaccio
Roma
Brindisi
Napoli
Genova
Venezia
Milano
Bordeaux
Toulouse
Tours
Paris
Brest
Nice
Marseille
Lyon
Zagreb
Beograd
Sofia
Skopje
Larissa
Athinai
Istanbul
Izmir
Salonika
Graz
Klagenfurt
Wien
München
Praha
Hannover
Berlin
Hamburg
Köln
Bruxelles
London
Manchester
Aberporth
Belfast
Glasgow
Holyhead
Valentia
Lerwick
Thorshavn
Stornoway
Reykjavik
Galatangi
Jan Mayen
Bodø
Tromsø
Murmansk
Sodankylä
Arhangel'sk
Vaasa
Helsinki
Stockholm
Oslo
Göteborg
København
Riga
Gdańsk
Warszawa
Częstochowa
Kiev
Odesa
Satu Mare
Cluj
Sulina
Moskva
Smolensk
Minsk
Kursk
Orel
Tula
Kaluga
Ivanovo
Jaroslavl'
Kostroma
Vologda
Cherepovets
Leningrad
Vyborg
Petrozavodsk
Murmansk
Nordvik
Ostersund
Mykonos
Galatangi
Reykjavik
Thorshavn
Lerwick
Stornoway
Belmullet
Belfast
Holyhead
Valentia
Aberporth
Manchester
London
Brussels
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Brest
Tours
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Toulouse
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Marseille
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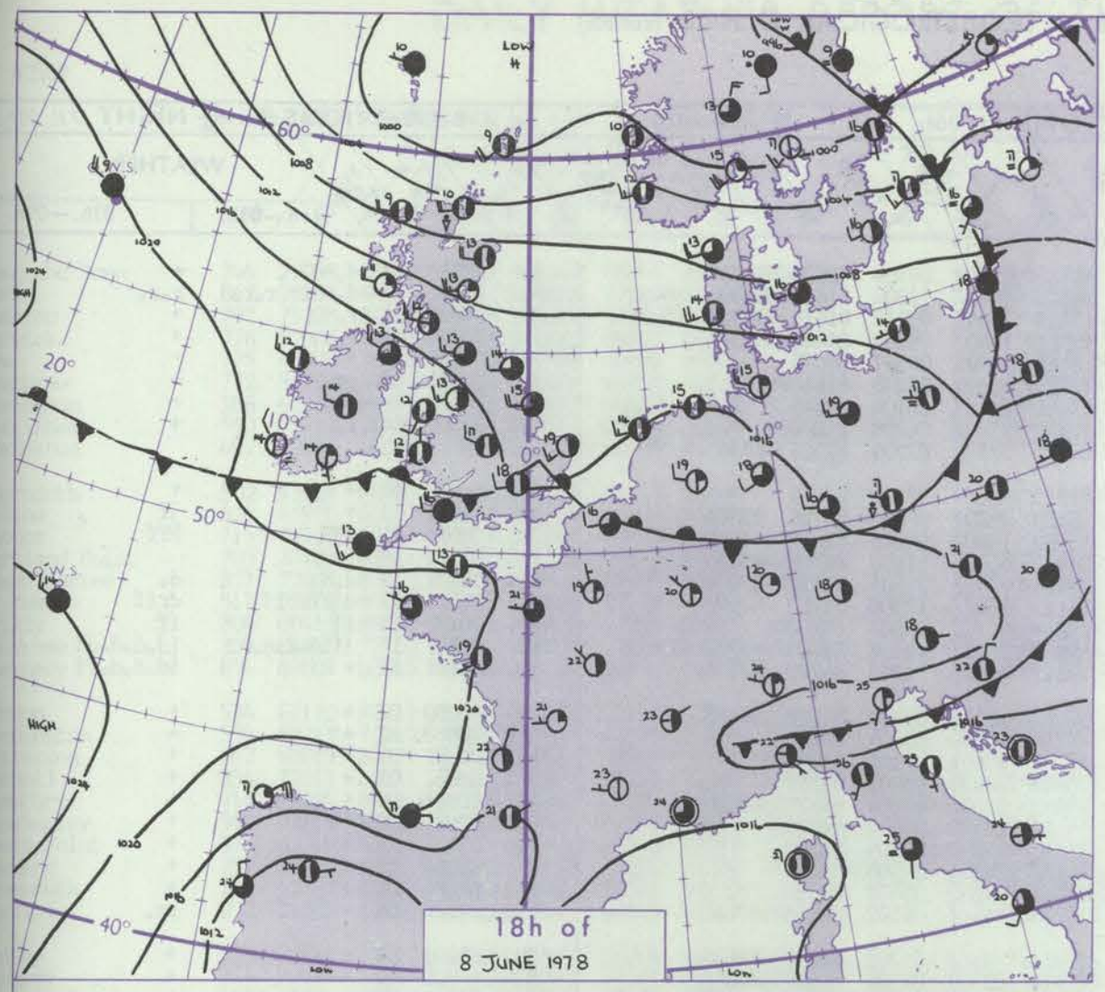
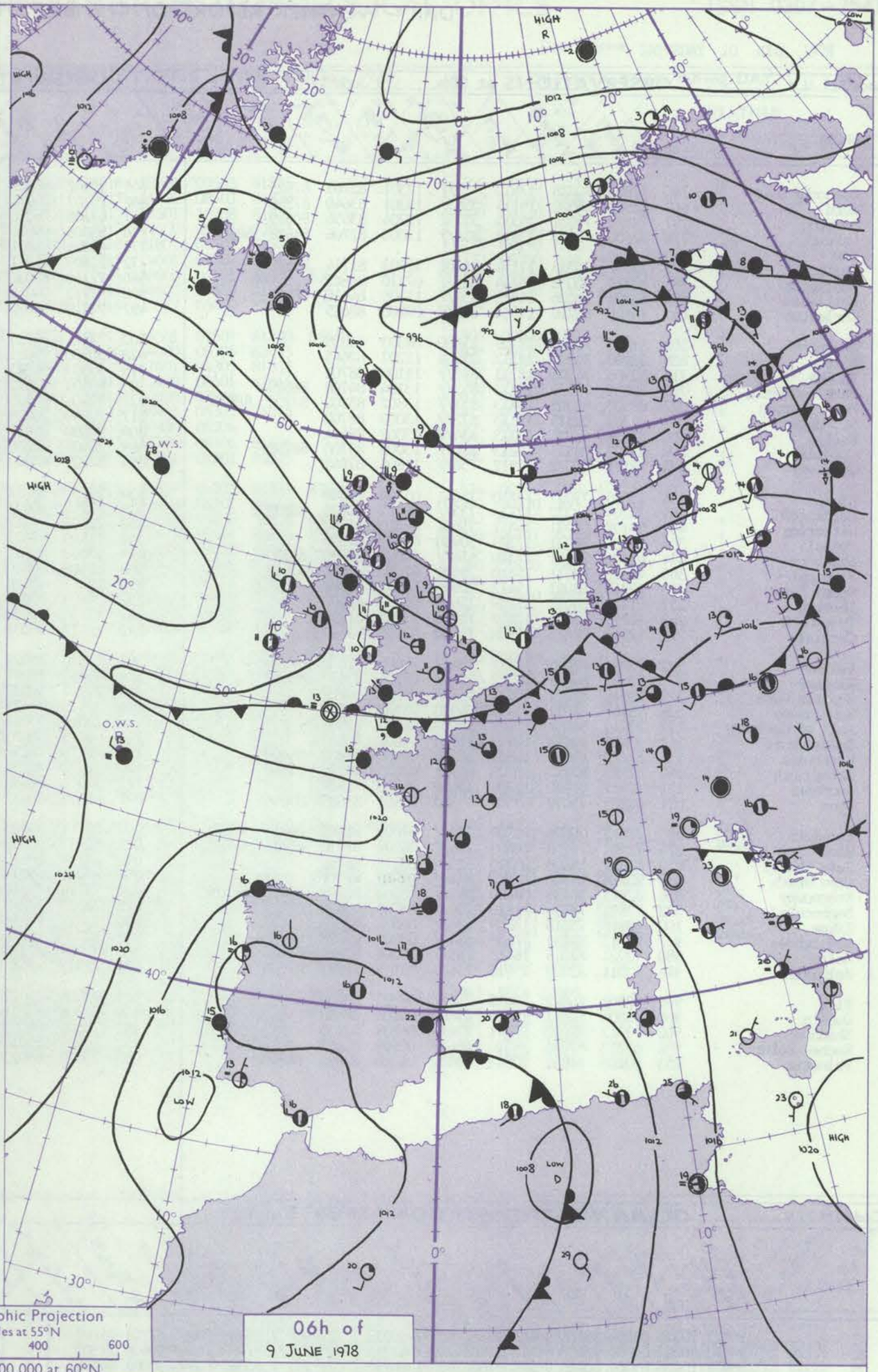
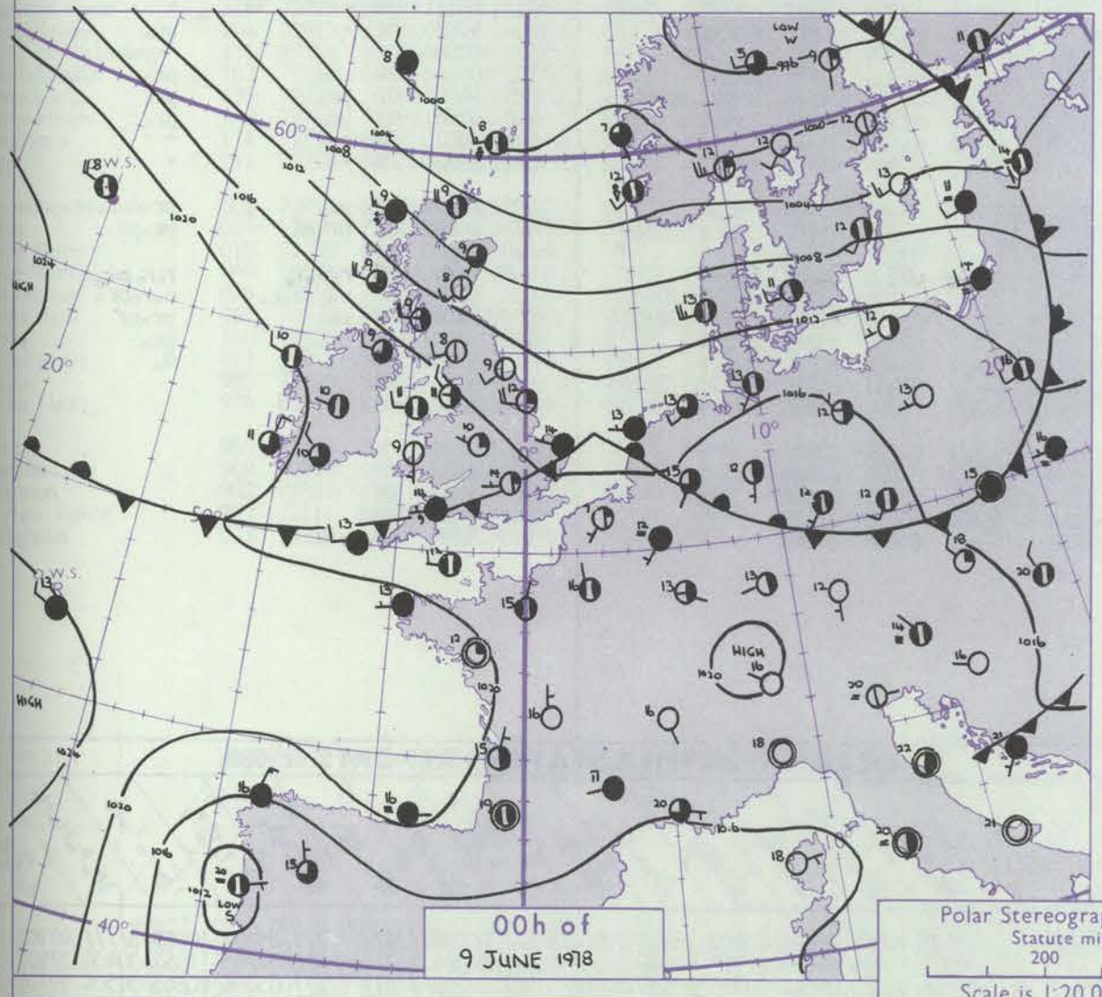
Berlin
Hamburg
Köln
Bruxelles
Kap Tobin
Sachs Harbour
Coppermine
Cambridge Bay
Mould Bay
Resolute Bay
Eureka
Alert
Isachsen
Arctic Bay
Nord
Danmarkshavn
Barencburg
Hopen
Bjornoya
Daneborg
Jan Mayen
Kap Tobin
Godthab
Frederikshab
Angmagssalik
Scoresbysund
Nanortalik
Prins Christian Sund
Cape Dyer
Egedesminde
Frobisher
Resolution
Nottingham Island
Port Harrison
Fort Chimo
Nitchequon
Winisk
Churchill
Island Falls
Regina
Winnipeg
Bismarck
Rapid City
Dodge City
Kansas City
Omaha
Minneapolis
St. Louis
Chicago
Detroit
Columbus
Pittsburgh
Toronto
Ottawa
Montreal
Caribou
Stephenville
Gander
Sable Island
Cape Race
Bermuda
Corvo
Lajes
Ponta Delgada
Funchal
Tenerife







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 9 JUNE 1978

A depression off eastern Iceland has moved east to central Scandinavia. An anticyclone near Azores with an associated ridge of high pressure to Biscay and western France has remained almost stationary. The westerly airstream between these two systems covers the British Isles. A slow-moving cold front, with minor waves moving quickly east along it, extended from north Germany across southern England to southern Ireland and now extends from a minor wave over Belgium, along the Channel to Scilly.

During the next 24 hours the cold front is expected to move south into Northern France followed by an unstable northwesterly airstream over all parts of the British Isles.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 9 June 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	72806	70218	17813	752//	12301	82705	87625	
Hurn	862	72907	60502	18114	3563/	13301	83640	87360	
Manston	797	72310	75032	16514	35752	12704	83656	86359	
Gatwick	776	82606	45602	17413	853//	13000	82706	84628	88650
Kew									
Heathrow	772	32607	75018	17114	34401	12203	81714	83620	
Honington	586	83110	70038	16314	855//	07210	88622		
Wattisham	590	83208	62606	16313	854//	11306	84616	88624	
Gorleston	497	83106	66216	15514	855//	09208	88625		
Aberporth	502	11805	75011	18709	15600	08303	81635		
Filton	628	22903	70016	18312	25601	12207	82645		
Rhoose	715	82903	14406	18211	860//	11104	88701		
Hartland Point	703	82803	72216	18813	853//	13104	84708	88629	
Mount Batten	827	82508	40505	18813	851//	13802	85702	87705	88620
St.Mawgan	817	82307	03515	19113	870//	13000	88700		
Scilly	804	82608	60024	19313	854//	13002	88614		
Culdrose	809	82707	06515	19213	870//	13000	83700	88702	
Guernsey	894	72711	80022	17912	756//	11805	87645		
Elmdon	534	23005	75021	17810	15641	05308	81640		
Cardington	559	73207	66022	17113	755//	08313	82625	86635	
Wittering	462	53108	81031	16811	55601	06310	85640		
Watnall	354	22502	70031	17308	20930	06105	82359		
Shawbury	414	62506	80031	17310	656//	06003	82630	86650	
Finningley	360	42606	82011	15810	25601	07000	82640	83075	
Spurn Point	396	22718	68021	15412	20940	07205	82360		
Leeming	257	21202	84011	15709	25600	04207	82640		
Tynemouth	262	12710	81021	13809	10940	03102	81358		
Carlisle	222	12510	80011	14908	15600	05205	81640		
Valley	302	72711	82022	17911	756//	09003	82632	87640	
Ringway	334	73007	81021	16912	754//	08104	83617	87650	
Squires Gate	318	53210	82021	16911	58500	06105	84820		
Ronaldsway	204	23107	84011	17410	28500	05108	81825		
Mull of Galloway	131	23214	84011	17009	25600	06206	82630		
Eskdalemuir	162	32408	80218	14707	32500	04001	83825		
Prestwick	135	52720	81038	14809	58500	06400	81820	84640	
Abbotsinch	140	62513	65258	13709	685//	05003	84824	83640	
Leuchars	171	12417	84020	10708	15600	02400	81630		
Dyce	091	62205	75032	07809	65500	03801	83625	85646	
Lerwick	005	72615	60808	99708	782//	07801	81705	84813	87632
Wick	075	72921	70258	04609	784//	08500	81710	85814	87635
Sule Skerry	010	82922	58606	03310	873//	08212	88706		
Cape Wrath	049	83228	62636	04909	873#	08211	88708		
Stornoway	026	82815	56588	08609	853//	08108	82708	85616	88626
Benbecula	022	72824	75258	11410	784//	08006	83814	87625	
Tiree	100	62818	75018	13709	684//	06301	82818	85635	
Aldergrove	917	62812	82031	17609	685//	03002	81825	86650	
Malin	980	72921	82018	16510	785//	05002	82820	86639	
Belmullet	976	73011	82022	19910	754//	05104	82719	87634	
Birr	965	72801	80022	19810	756//	07207	87636		
Dublin	969	43005	82011	18909	45600	04208	84645		
Shannon	962	73312	82022	20411	756//	06109	87635		
Roches Point	952	63212	82031	19510	656//	06109	86635		
Valentia	953	60108	81031	20811	48502	06305	81822	84640	

OBSERVATIONS at 06h. 9 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	53402	68022	18512	25602	09306	82630	85078	
862	70102	56016	18313	2847/	12209	81818	85360	86462
797	63108	75026	17413	35442	09212	81615	83635	85075
776	53005	66016	18311	15602	09309	81640	85078	
775	43201	65021	18112	00901	06307	84075		
772	22803	61011	17911	15601	07205	81640		
586	72710	80032	17111	756//	06104	87645		
590	22912	64016	17311	15602	06208	81640		
497	72910	66032	16511	2557/	07209	82625	87360	
502	73311	84021	19710	756//	05206	87635		
628	30000	75031	18810	16201	09204	81705	83080	
715	30303	64034	18810	18401	09306	81812	83075	
703	60505	72022	18911	653//	11102	84708	86630	
827	70404	84025	18414	78431	12305	81712	87630	
817	70000	70026	19113	750//	12306	81700	87620	
804	90000	04434	19213	9////	13207	89/00		
809	70405	56205	18913	782//	12307	82705	83708	85620
894	82609	40505	19212	870//	12303	84700	87701	
534	53009	68011	17912	48531	07305	81822	84640	
559	52504	66031	17709	55700	08304	85656		
462	22707	75011	17109	15601	07104	81640		
354	12510	57021	16909	10930	08001	81359		
414	53007	80012	18010	58500	07306	81820	85650	
360	12608	80020	16110	18500	06102	81820		
396	12815	68010	15810	10940	06204	81360		
257	21403	89030	15110	28501	04506	81825		
262	12718	81020	13109	15600	05602	81630		
222	72712	80031	14710	784//	06202	84818	87640	
302	73010	82022	18811	785//	05203	81822	87636	
334	42910	75011	17410	48500	04304	81820	84650	
318	72914	86032	17211	785//	03303	85825	83650	
204	72913	84021	17610	784//	04103	81818	87650	
131	73317	83011	17009	756//	06303	87630		
162	62615	80021	14408	684//	04500	83710	86825	
135	72816	70158	15309	784//	07307	81710	85816	87645
140	62512	80258	13809	685//	07302	82822	85640	
171	32416	86030	10710	28440	04500	81818		
091	62514	86032	08111	58541	06304	81820	85645	
005	82711	50608	99609	852//	08500	85704	88620	
075	82923	62808	05709	6837/	08207	82707	83812	85640
010	83227	60616	04709	874//	09211	88710		
049	83230	62616	06309	6732/	08310	86708	88560	
026	72714	75216	09609	783//	07109	81708	86620	87635
022	72823	70258	12609	784//	08310	81711	83814	86622
100	73018	75258	14309	784//	07306	83815	86637	
917	83016	70022	18009	854//	04305	82618	88624	
980	82919	82258	17209	6842/	05307	84818	85640	88459
976	72913	82012	20610	755//	04308	82720	87635	
965	73006	81022	20610	756//	04204	87634		
969	72808	84021	19309	756//	05202	87640		
962	73504	86022	21411	756//	05207	87640		
952	13408	80011	21108	15600	05209	81637		
953	73610	86022	21911	756//	05208	87640		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	92110	07	d_o–d_or_o	+
862	94131	12	d_o–$d_or_or_or_o$	r_or_o
797	97120	11	r_o	+
776	93100	07	r_or	+
775	00080	51	+	+
772	97091	03	pr_o	+
586	97100	08	pr_o	+
590	97090	04	r_o	+
497				
502	00080	04	+	+
628	91081	51	+	jf
715	00070	04	fFF	FFf
703	01111	10		
827	92131	12	d_od_o	d_o
817	02121	12	ddffdrff	drff
804	00120	13	ff	ff
809	01121	12	$ffid_od_od_o$	$id_od_od_odd$
894	93111	11	+	$id_od_od_off$
534	00080	02	+	+
559	00060	02	+	+
462	00071	05	+	+
354	00061	02	+	+
414	00081	04	+	+
360	00071	02	+	+
396			+	+
257	00060	03	+	+
262	00081	06	+	+
222	97070	03	+	pr_o
302	00101	07	+	+
334	00100	09	+	+
318	00111	09	+	+
204	97080	04	+	pr_o
131	00080			
162	97061	04	r_or_o	pr_o
135	94081	07	pr_o	pr_o
140	91081	05	pr_o	pr_o
171	00070	05	+	+
091	00080	06	+	+
005	03071	05	pr_o	$pr_od_or_opr_o$
075	04092	08	pr_opR	pr_opr
010	02092	08		
049	04072	08	rrr_or_o	$r_or_opr_o$
026	02081	07	$r_or_od_or_o$	$d_or_opr_o$
022	01081	07	pr_o	pr_opr
100	93081	07	pr_o	pr_o
917	97080	07	+	d_o
980	9708	08		
976	0010	09		
965	0009	07		
969	0008	07		
962	0010	07		
952	0008	05		
953	9709	06		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09001	80405	98022	29107	885//	00213	/////	/////	05302	10863	3//01	01/02
L	99573	70202	09004	72920	98012	21908	755//	61314	87625	/////	0//03	11063	30404	27807
M	99658	10026	09004	80416	96256	97007	6632/	00716	/////	/////	05307	10896	30302	04004
R	99469	70168	09004	83012	96022	24013	861//	00105	88702	/////	0//13	11382	30604	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09061	80702	98022	27806	855//	00709	/////	/////	05302	10869	3////	07702
L	99571	70201	09064	82917	97216	22008	854//	00304	84712	88620	0//05	11052	30404	27907
M	99658	10023	09064	80325	96636	94407	5732/	00708	/////	/////	05206	10865	30504	99/04
R	99469	70166	09064	83012	93462	23312	860//	00400	88701	/////	0//12	11376	30604	/////

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. 42569

Date of Issue SATURDAY 10 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 9 June 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	72909	83022	18717	61602	08801	86835	83075	
Hurn	862	52507	80012	19017	31601	07000	83830	84075	
Manston	797	73208	82022	18416	24601	07102	82830	86075	
Gatwick	776	52909	84021	18418	11602	06802	81845	85080	
Kew	775	42906	78021	18317	41601	06801	84835		
Heathrow	772	52708	81011	18118	54601	07802	82835	84645	
Honington	586	62813	80011	17615	686//	04002	83830	85640	
Wattisham	590	72713	70021	17815	785//	06102	83826	86640	
Gorleston	497	72715	66022	17015	725//	05400	87825		
Aberporth	502	13211	88021	21313	18500	05103	81820		
Filton	628	42910	80011	19117	41500	07801	84825		
Rhoose	715	22712	80011	19516	21602	08000	82832		
Hartland Point	703	30103	82011	21313	11431	08113	81815	83360	
Mount Batten	827	72107	82022	20215	785//	12209	82825	87650	
St.Mawgan	817	53612	80012	21115	42402	12112	84810		
Scilly	804	60415	80154	21415	68400	12214	83818	86625	
Guldrose	809	60211	75152	20517	48501	12110	82820	84625	
Guernsey	894	83009	03515	19814	870//	14004	88700		
Elmdon	534	63112	82011	18414	646//	05102	82838	84645	
Cardington	559	62712	72012	18015	686//	08500	82830	85640	
Wittering	462	63015	81021	17814	686//	05302	81835	86645	
Watnall	354	72911	82031	18313	786//	06203	82830	87640	
Shawbury	414	53214	84021	18814	58602	07000	83830	83640	
Finningley	360	72815	82021	17213	785//	05207	81825	87634	
Spurn Point	396	82719	65021	16513	844//	06204	88615		
Leeming	257	72512	86021	15613	786/2	05104	81830	87635	85075
Tynemouth	262	52722	81021	13713	52632	06310	85830		
Carlisle	222	72815	83028	15612	784//	07303	81717	86625	
Valley	302	72914	83022	20513	786//	05204	82830	87645	
Ringway	334	72916	82021	18312	785//	03500	82825	87640	
Squires Gate	318	72816	86022	18812	785//	05206	83825	87640	
Ronaldsway	204	72913	83028	19212	785//	05104	81825	87645	
Mull of Galloway	131	83314	83032	18810	856//	08207	88630		
Eskdalemuir	162	72517	86028	14910	695/2	04801	81920	85825	
Prestwick	135	72814	70258	16511	684//	08304	81814	83818	85626
Abbotsinch	140	72717	75258	15111	7843/	06305	82819	86645	
Leuchars	171	72721	89021	11813	68642	04206	83830	85650	
Dyce	091	72718	86022	09612	6857/	05103	81820	86626	87360
Lerwick	005	72918	65258	01510	783//	08211	81707	84812	86620
Wick	075	72926	75158	07612	48432	07205	84815	83360	
Sule Skerry	010	73222	65808	06910	5347/	09211	85910	87360	
Cape Wrath	049	72924	66808	07909	784//	08207	84810	87620	
Stornoway	026	72918	70028	11011	784//	08003	85817	87636	
Benbecula	022	72822	75258	13809	783//	08107	81708	84814	86625
Tiree	100	72917	82258	15811	784//	07206	83815	87635	
Aldergrove	917	72913	80025	19212	755//	05004	84624	86634	
Malin	980	72823	82258	18411	7843/	07006	85818	83630	85359
Belmullet	976	82916	81036	22611	865//	06208	84721	87636	
Birr	965	73113	84022	22313	785//	04203	83822	87636	
Dublin	969	72812	84022	20212	785//	05103	85826	86640	
Shannon	962	73312	87012	23313	756//	04106	83630	87645	
Roches Point	952	73111	81021	23013	756//	05304	87635		
Valentia	953	73310	84022	24313	756//	06206	87640		

OBSERVATIONS at 18h. 9 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	22812	82021	18316	28601	09503	81835		
862	12911	75011	18517	11600	08603	81830		
797	21506	80021	17315	18501	10708	81825		
776	32905	80021	17417	31600	06603	83845		
775	23206	81020	17418	21601	06503	82845		
772	32910	81011	17318	24601	07504	81845		
586	32915	80021	17614	38600	04501	81835	83645	
590	13113	70011	17414	18600	05500	81835		
497	72912	66022	16914	755//	05400	87625		
502	62808	83031	21512	68501	07501	81820	86640	
628	13311	82020	19616	14600	06205	81635		
715	13114	85020	20215	11601	04305	81835		
703	13510	82010	21912	11400	06501	81815		
827	03514	86011	20815	00900	07306			
817	13414	86021	22413	00901	05305	81075		
804	00513	82021	22815	00900	08206			
809	13614	80021	21713	15700	06306	81656		
894	23005	60405	19916	00901	09801	82075		
534	73314	82022	18913	746//	04205	81835	87640	
559	53309	75022	18115	55600	08501	85640		
462	63114	82032	18013	48630	04000	81836	84656	
354	72909	81012	18712	785/1	06501	81823	85628	86645
414	63111	83012	19113	58642	05002	81835	84645	
360	72715	82012	17312	5857/	05500	81825	85635	86362
396	72716	70022	16313	5857/	06503	83820	84630	87360
257	62911	89012	15913	686//	06400	82830	86645	
262	72824	81022	14212	6567/	06205	86630		
222	72913	85012	16112	6853/	07000	82824	83635	85650
302	72912	84022	20913	786//	06203	81830	87650	
334	72912	75032	18612	6853/	04301	83825	85650	
318	72716	82032	18712	7853/	07701	83825	84635	85656
204	72708	83012	19312	785//	07301	82825	84635	85650
131	63418	82022	18511	685//	09802	82820	84630	
162	72717	81258	15810	6854/	04206	85825	84645	
135	73119	70158	17111	784//	06304	81710	84825	86640
140	62912	70258	15411	5854/	05304	82824	84635	
171	72613	86012	12513	4867/	05206	82830	83640	87362
091	72713	86252	10212	68572	06103	81820	86624	
005	82917	68028	03209	882//	07208	82704	86812	88620
075	73020	65258	09210	3243/	09211	81710	87359	
010	73219	60258	08810	764//	08213	87710		
049	82925	70808	10409	884//	08214	84810	88615	
026	82918	35818	13509	883//	09315	84707	86813	88635
022	62924	79258	15810	684//	08211	81710	83814	85622
100	72918	70018	17011	784//	07207	81817	87637	
917	73015	84026	20112	785//	04208	83825	85635	
980	72920	80258	19711	784//	07207	86817	86635	
976	73015	80258	24011	764//	08207	85717	85636	
965	73113	82022	23013	785//	05306	83822	86636	
969	63113	84012	21213	686//	06305	82832	86645	
962	73215	84032	24212	756//	06205	87632		
952	73120	80032	23812	756//	06305	87640		
953	73511	84032	25512	756//	06304	87640		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00190	141 +		+
862	00200	096 +		+
797	00170	107		
776	00190	137 +		+
775	00190	141 +		+
772	00200	144 +		+
586	00170	083 +		+
590	00170	117 +		+
497		046		
502	00140	097 +		+
628	00190	132 +		+
715	00160	131 +		+
703	00130	108		
827	00181	082 +		+
817	00161	116 +		+
804	00170	080 +		+
809	00170	079 +		+
894	97170	061 d_od_offF		jf
534	00160	099 +		+
559	00170	103 +		+
462	00160	099 +		+
354	00141	046 +		+
414	00150	090 +		+
360	00130	045 +		+
396		+		+
257	00140	039 +		+
262	00150	105 +		+
222	00130	011 +		+
302	00150	020 +		+
334	00130	037 +		+
318	00131	006 +		+
204	97141	014 pr_o		+
131	97121			
162	97111	015 pr_o		pr_o
135	01131	016 pr_o		pr_o
140	97131	019 pr_o		pr_o
171	00150	052 +		+
091	97140	013 +		pr_o
005	01111	003 pr_o		pr_o
075	01131	026 pr_o		pr_oir_o
010	97141			
049	02091	000 pr_o		pr_o
026	01121	012 pr_o		pr_o
022	01111	011 pr_opr		pr_o
100	93121	008 pr_o		pr_opr
917	97141	012 id_oir_o		ir_opr_o
980	9312	016		
976	9713	010		
965	9914	010		
969	0014	007		
962	0014	003		
952	0015	057		
953	0015	008		

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

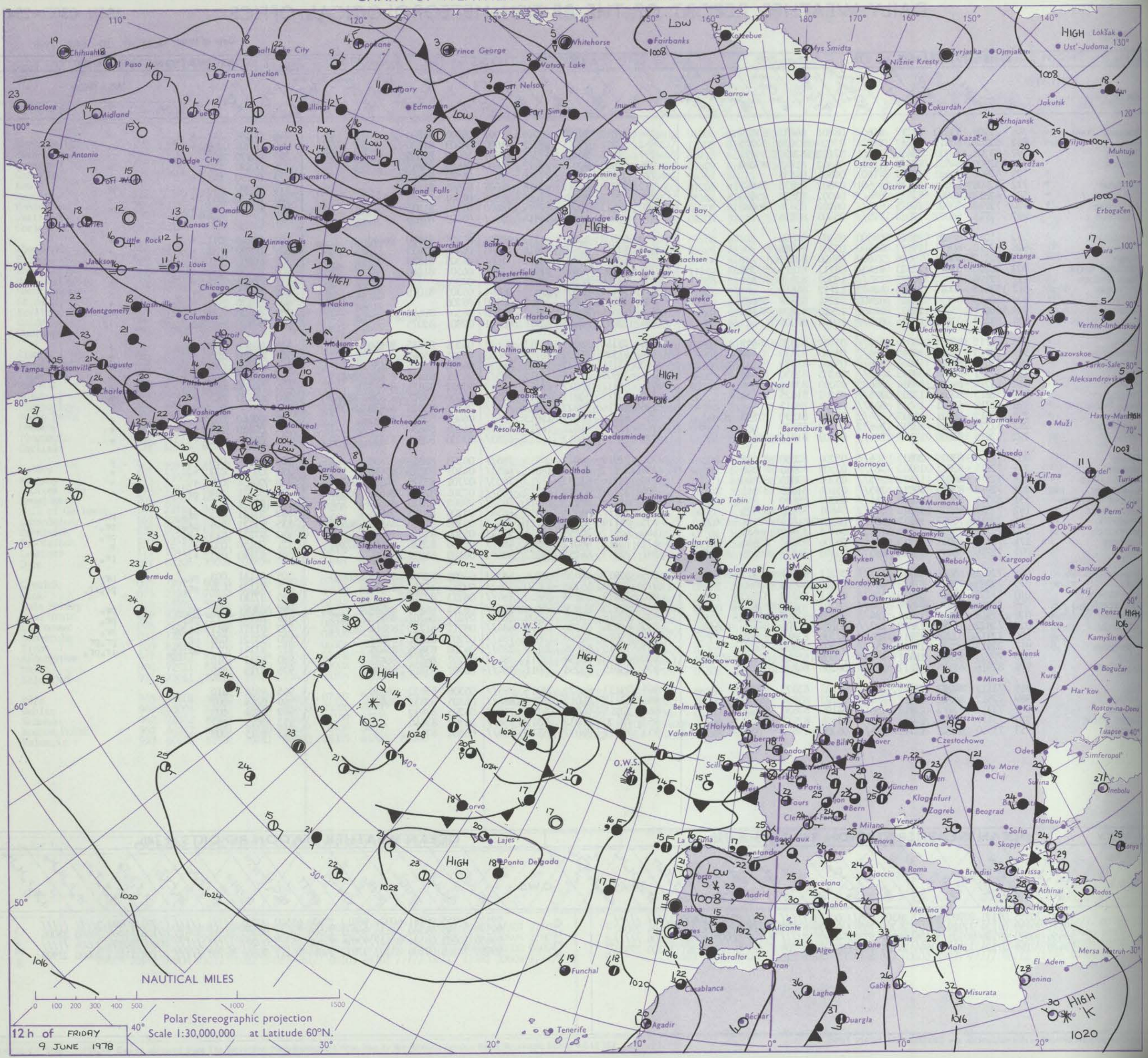
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ssapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09121	80902	98022	26307	855//	00603	/////	/////	05303	10850	3////	/////
L	99571	70199	09124	72919	97022	24209	755//	00009	87620	/////	0//05	11041	30404	27007
M	99656	10023	09124	80325	96636	93807	5732/	00605	/////	/////	00007	10808	30606	/////
R	99470	70169	09124	72910	93464	24514	762//	00207	87703	/////	0//14	11381	30000	27905

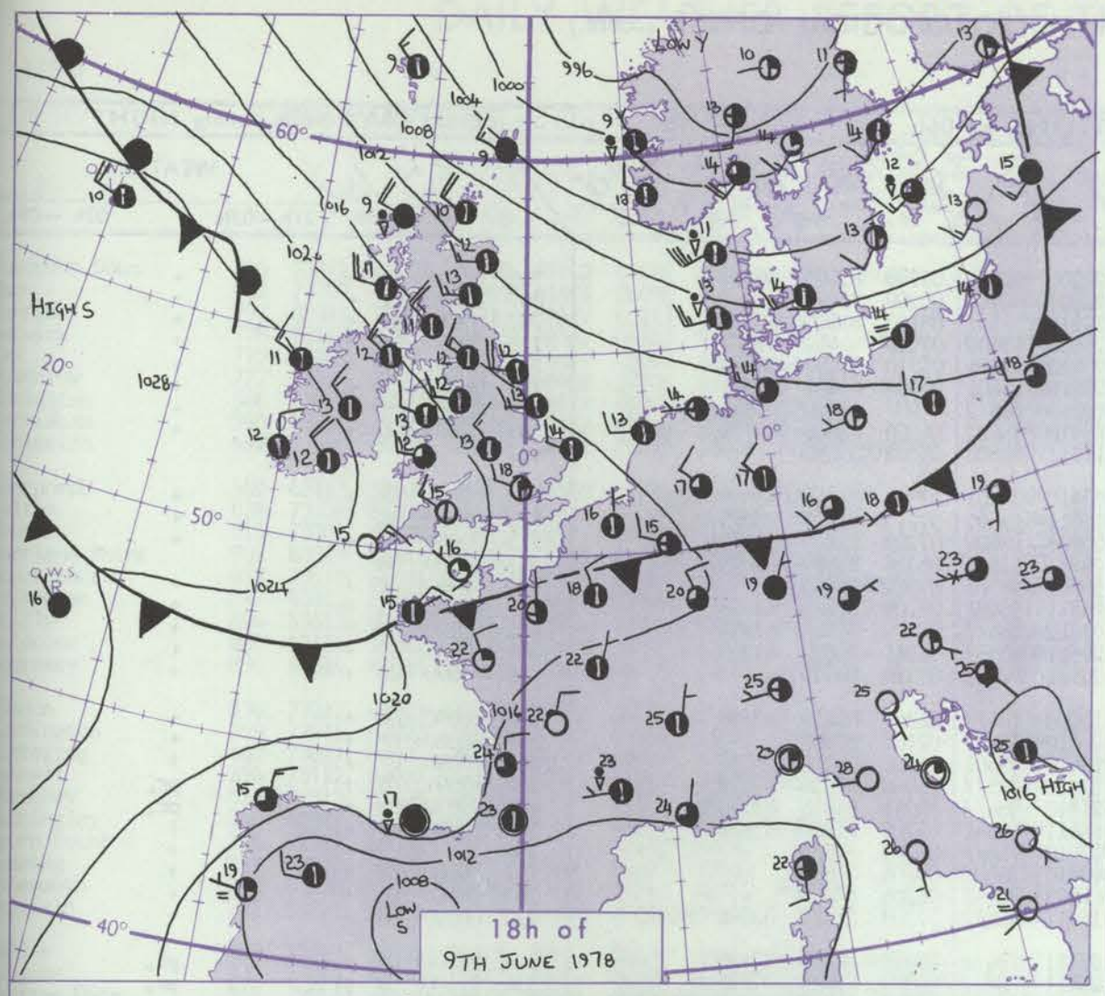
OCEAN WEATHER STATION REPORTS at 18h.

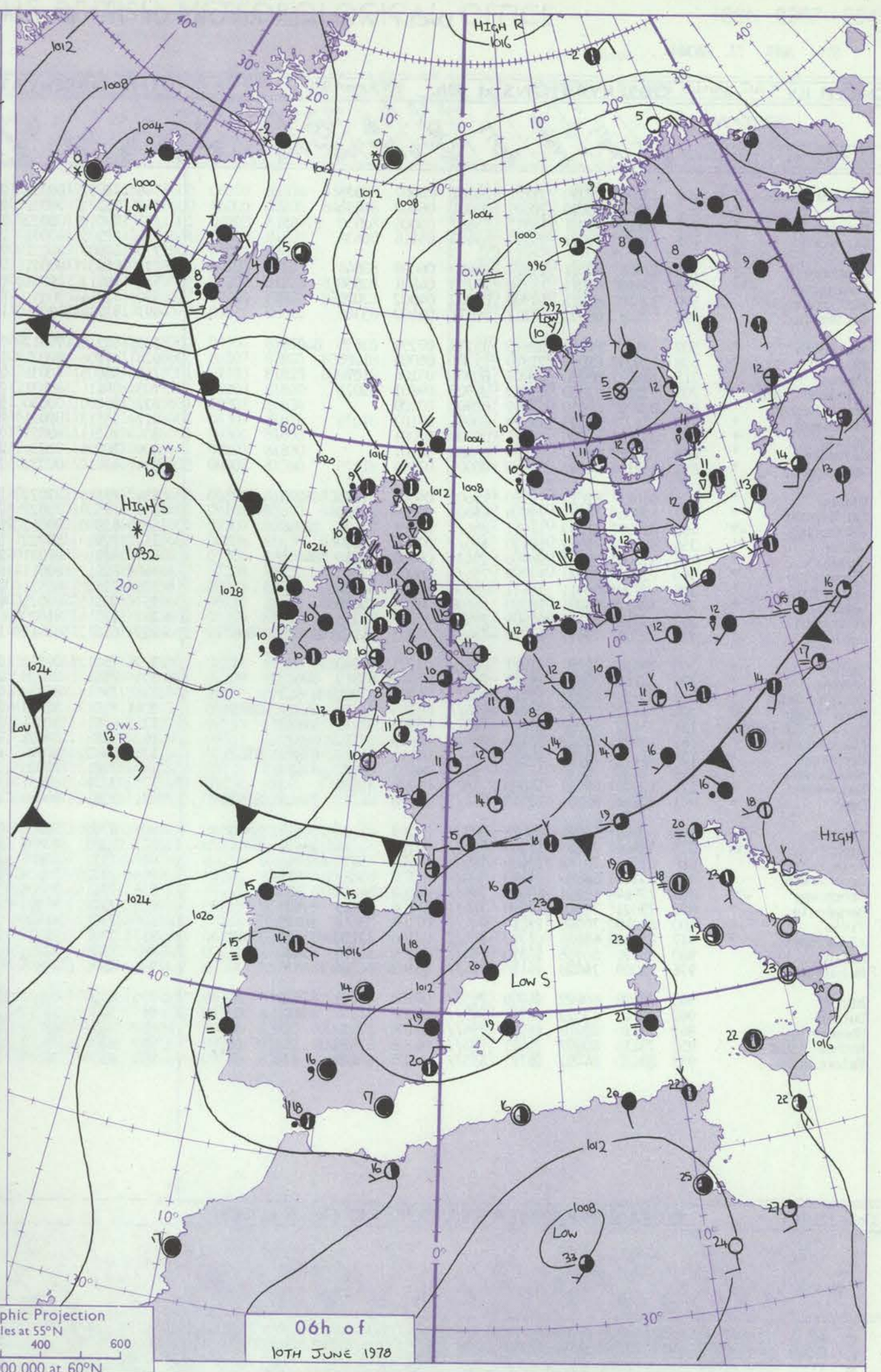
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ssapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	09181	60902	98012	27508	65500	00705	/////	/////	05203	10902	3////	/////
L	99571	70197	09184	72818	98022	25509	784//	00203	81818	87625	0//06	11066	30403	33006
M	99656	10021	09184	80417	97026	95108	863//	00207	/////	/////	00007	10834	30504	/////
R	99469	70168	09184	83107	97022	24815	862//	00801	88703	/////	0//14	11435	30000	27905

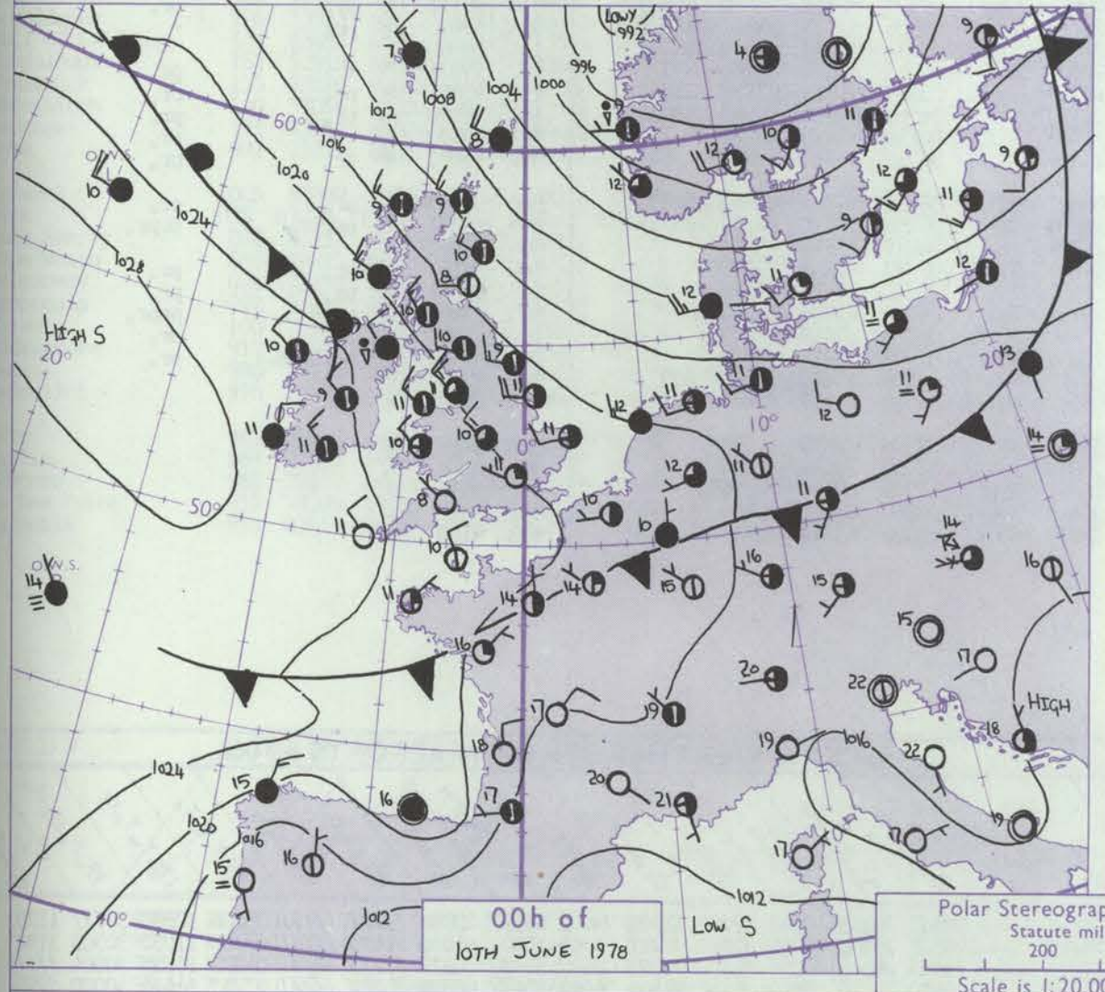
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 10 JUNE 1978

During the past 24 hours with pressure remaining low over Scandinavia and high to the west of Ireland a northwesterly airstream covered the British Isles.

During the next 24 hours the high to the west of Ireland is expected to move slowly eastwards, whilst frontal troughs within the circulation of an Icelandic low will affect Scotland and the Northern Isles later in the period.

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

Code FM 11.V — OBSERVATIONS at 00h. 10 June 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	23102	82030	21107	00901	05007	82075		
Hurn	862	10302	80020	20807	00901	06007	81075		
Manston	797	73112	75021	18913	756//	05006	82630	87645	
Gatwick	776	63405	75011	20212	65600	05116	86638		
Kew									
Heathrow	772	22905	80011	19811	25600	06008	82648		
Honington	586	22610	68011	18310	25700	04801	82650		
Wattisham	590	32610	80011	18708	00902	04002	83075		
Gorleston	497	52508	66022	17211	5097/	06400	85360		
Aberporth	502	53110	84012	22610	35532	07204	83625	84075	
Filton	628	12905	82030	21610	15301	06005	81708		
Rhoose	715	12905	83020	22007	00901	05104	81078		
Hartland Point	703	23505	82020	22612	00905	09801	82075		
Mount Batten	827	02402	80010	23009	00900	07109			
St.Mawgan	817	13107	80020	23610	00901	07103	81075		
Scilly	804	03210	80020	24211	00900	07001			
Culdrose	809	03005	66020	23909	00900	06107			
Guernsey	894	13410	84021	21810	00901	07104	81075		
Elmdon	534	63011	82011	19910	15602	04000	81635	86075	
Cardington	559	52706	70021	19606	45601	06003	84640		
Wittering	462	82909	81032	18911	856//	06601	85636	88656	
Watnall	354	62805	75012	19110	655//	07000	86620		
Shawbury	414	42506	81011	20408	25631	06205	82640	84075	
Finningley	360	72608	75031	17909	756//	06000	87640		
Spurn Point	396	42720	66011	16411	45600	06705	84635		
Leeming	257	52812	86031	16809	55600	04104	85630		
Tynemouth	262	12711	81021	15809	10940	05207	81358		
Carlisle	222	72709	75032	17710	784//	06209	81715	84630	86647
Valley	302	73014	82031	21911	756//	07205	87640		
Ringway	334	73112	75802	19311	784//	07002	83819	86645	
Squires Gate	318	63020	82012	19511	585/1	06204	83825	83643	
Ronaldsway	204	73112	82022	20710	784//	06105	81716	84821	86650
Mull of Galloway	131	73422	84028	20309	785//	08309	83825	87630	
Eskdalemuir	162	72408	75022	17408	784//	04005	82712	86820	
Prestwick	135	73117	75258	18610	784//	06111	81712	83818	85625
Abbotsinch	140	72608	75028	17409	785//	06107	83820	87632	
Leuchars	171	12609	89021	14608	15600	05208	81635		
Dyce	091	72916	80258	12510	784//	07208	81712	85816	87630
Lerwick	005	82918	60258	05108	883//	07209	81706	86812	88620
Wick	075	72916	75258	11109	784//	08104	82710	85814	87642
Sule Skerry	010	83228	70158	10409	5242/	08103	85810	88460	
Cape Wrath	049	83228	66808	12108	884//	07107	85810	88615	
Stornoway	026	72914	70258	15809	784//	06109	84814	87632	
Benbecula	022	73021	70808	17910	784//	07106	84815	87620	
Tiree	100	83016	70028	19010	884//	07108	83818	88629	
Aldergrove	917	83212	65808	21709	884//	07108	82710	85817	88622
Malin	980	73121	80258	21310	784//	07209	84816	87634	
Belmullet	976	73009	76028	25110	764//	06107	86716	86636	
Birr	965	73108	80022	24709	785//	07105	81821	87636	
Dublin	969	72710	82022	22710	785//	06207	81824	87635	
Shannon	962	73110	82018	25511	756//	07106	87630		
Roches Point	952	73116	80022	25411	756//	06106	87634		
Valentia	953	83610	84022	26711	855//	06205	88625		

OBSERVATIONS at 06h. 10 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	73002	82031	22206	00901	05309	82075	86078	
862	52802	78031	22108	00901	06209	85075		
797	73012	80022	19212	18541	08103	81820	87075	
776	72502	80031	21108	15602	07210	81640	87078	
775	62805	80021	20910	15601	05310	81635	86078	
772	62807	80021	20910	15601	06209	81635	86075	
586	72813	70031	18810	785/2	07107	81820	87640	
590	72914	70031	18910	35602	06206	83640	87075	
497	52714	66031	17711	58500	05206	85825		
502	53318	75012	23810	38402	07307	81815	83640	85075
628	62906	82021	22611	15601	07212	81635	86075	
715	53005	72031	22908	18404	07209	81818	85075	
703	50116	85031	23711	11604	06206	81830	85075	
827	20000	70030	24009	18501	07312	81825		
817	53513	82021	24311	58401	07209	83815	83621	
804	70211	82021	25012	784//	08210	81818	87623	
809	70206	70031	24511	6553/	08211	86625	84360	
894	43412	80030	22911	00901	09310	84075		
534	73114	83022	20910	784//	06309	83818	87626	
559	72509	75022	20010	756//	07103	87640		
462	62910	80012	19410	55601	06207	84636		
354	72910	83022	20010	785//	06308	81820	87623	
414	82910	81031	21510	884//	06211	84818	88630	
360	62812	82011	18611	48541	05205	81820	83656	
396	72720	66031	17810	756//	06209	87635		
257	23015	86021	17510	28602	06106	81830		
262	32714	81020	17009	30948	06206	83358		
222	63212	81012	18411	48472	07309	81717	83640	86075
302	73112	80252	23111	784//	07210	84814	87630	
334	73010	80028	20411	784//	06309	82818	87635	
318	73018	80038	20511	784//	07303	81712	85820	86640
204	83013	82028	21710	68447	07306	82713	84817	88273
131	83416	82031	21409	25637	07314	82630	84360	88270
162	72831	80021	17109	38532	05805	82820	83368	87075
135	73122	81028	19710	68432	05209	81714	83818	85632
140	72813	75028	18110	38572	06003	82820	84362	87070
171	32714	82151	16010	38509	04210	81825	83635	
091	72812	80808	14009	784//	07210	81710	87812	
005	83220	58808	07607	883//	06317	84708	87812	88620
075	73021	70808	12509	5843/	07208	81710	84814	86359
010	73223	70808	12709	4247/	08217	84810	87360	
049	73228	70808	14209	5347/	07213	85915	87360	
026	73116	70808	17609	784//	07210	84818	86636	
022	73219	65258	19410	793//	09212	83908	85812	
100	73017	81028	20010	784//	08005	81815	87635	
917	73011	75028	22809	754//	07205	82714	87628	
980	73016	82258	22710	734//	08309	85817	87640	82917
976	83014	70606	25910	864//	09206	85716	88636	
965	83207	80032	25710	856//	07308	88635		
969	62709	84012	23810	654//	07205	83618	85645	
962	73310	82022	26811	756/2	07309	87630	83070	
952	73012	75021	26410	754/1	08307	81716	87634	
953	83507	80505	27610	854//	08306	83717	88625	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00050	51	+	+
862	00050	01	+	+
797	00110	09	+	+
776	00050	02	+	+
775	00090	02	+	+
772	00080	03	+	+
586	00080	06	+	+
590	00070	05	+	+
497				
502	00090	08	+	+
628	00090	04	+	+
715	00060	01	+	+
703	00100	08		
827	00060	01	+	+
817	00090	05	+	+
804	00100	08	+	+
809	00080	02	+	+
894	00090	06	+	+
534	00090	06	+	+
559	00060	01	+	+
462	00090	07	+	+
354	97091	05	+	pr$_o$
414	97070	03	+	pr$_o$
360	00090	05	+	+
396			+	+
257	00080	06	+	+
262	00080	06	+	+
222	00090	08	+	+
302	97100	08	+	pr$_o$
334	97100	09	pr$_o$	pr$_o$
318	97110	09	pr$_o$	pr$_o$
204	97090	08	pr$_o$	+
131	00080			
162	97071	05	+	pr$_o$
135	97091	09	pr$_o$	pr$_o$
140	97090	08	pr$_o$	pr$_o$
171	97070	04	+	pr$_o$
091	96081	06	pr$_o$	pr$_o$
005	02072	07	pr$_o$	pr$_o$
075	02071	06	pr$_o$pr$_o$	prpr$_o$
010	03081	07		
049	01061	06	pr$_o$	pr$_o$
026	01081	06	pr$_o$	pr$_o$
022	01091	08	pr$_o$	prpr$_o$
100	97091	08	pr$_o$	pr$_o$
917	91081	07	pr$_o$ir$_o$d$_o$r$_o$	pr$_o$
980	9509	08		
976	9609	08		
965	0009	08		
969	0008	07		
962	9710	08		
952	0010	08		
953	9109	08		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_svapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	10001	81703	98022	26309	855//	00604	/////	/////	05005	10910	3////	/////
	99570	70197	10004	82818	97012	26709	854//	61108	81712	88625	0//07	11035	30403	25005
	99655	10018	10004	80120	96622	97007	5742/	00209	/////	/////	05106	10804	30504	/////
	99470	70170	10004	83307	92464	26314	860//	00008	88701	/////	0//14	11440	30000	27903

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_svapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	10061	82203	98022	25408	885//	00706	/////	/////	05206	10890	3////	11702
	99570	70202	10064	22715	98011	27309	15501	61202	81625	/////	0//08	11057	30303	31905
	99655	10016	10064	80323	97026	00107	884//	00217	/////	/////	05205	10824	30504	/////
	99470	70170	10064	81114	94586	26513	861//	00302	88702	/////	0//12	11414	30000	27903

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. 42570

Date of Issue SUNDAY 11 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 10 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	73211	84022	22716	68602	07001	84830	83640	86075
Hurn	862	73207	75022	23015	41601	06001	84835	86075	
Manston	797	82911	75022	21213	885//	07111	85824	88650	
Gatwick	776	73212	83022	22413	785//	05107	81826	83628	87645
Kew	775	73109	81022	21914	786//	05003	82830	86640	
Heathrow	772	73113	75012	22115	58601	07104	82830	84645	
Honington	586	63017	82012	20514	685//	05207	84826	85640	
Wattisham	590	73014	81012	20314	785//	06208	83822	87640	
Gorleston	497	73310	66012	20012	5857/	06213	83825	85630	87358
Aberporth	502	43113	82021	25813	28502	09210	81820	83075	
Filton	628	73108	84022	23615	786/2	07202	82830	87645	
Rhoose	715	73308	82022	23915	685/1	07001	81825	86635	
Hartland Point	703	63313	86012	25812	58501	08205	83820	85630	
Mount Batten	827	73510	86031	24915	78501	09303	81825	86635	86080
St.Mawgan	817	63415	84022	26313	48401	07108	83817	83620	
Scilly	804	53613	82012	27017	58502	09208	82820	84623	
Culdrose	809	60113	75012	26114	65600	07307	86630		
Guernsey	894	63314	81011	24312	32401	08205	83815	85075	
Elmdon	534	73212	83022	22713	785//	06208	83824	87630	
Cardington	559	72911	67022	21514	786//	09205	83830	87640	
Wittering	462	73017	83032	20714	746//	06207	83830	86640	
Watnall	354	73112	82028	21713	785/1	07209	83820	86625	
Shawbury	414	73313	83028	22913	785//	07107	86822		
Finningley	360	62911	83022	20613	685//	06310	83828	86640	
Spurn Point	396	72917	68032	19713	725//	07210	87820		
Leeming	257	53018	89031	19416	58600	05205	83840		
Tynemouth	262	63520	81021	18614	2353/	04211	82925	86358	
Carlisle	222	53222	84011	19517	48531	07801	84828		
Valley	302	72912	81022	25013	784//	08108	82815	83624	87640
Ringway	334	73015	62258	22212	784//	08208	84818	86640	
Squires Gate	318	72916	81028	22813	68531	09208	84822	85635	
Ronaldsway	204	53323	82012	23213	28441	07006	81816	85072	
Mull of Galloway	131	63434	84031	22213	12541	10209	81825	83360	86070
Eskdalemuir	162	52919	86018	19515	42602	03211	84830	83078	
Prestwick	135	43016	82018	22213	48500	08214	82820	83640	
Abbotsinch	140	53016	86028	20715	22501	05213	82828	84075	
Leuchars	171	43018	86028	18815	48602	03213	82830	83645	
Dyce	091	73219	80808	17211	784//	07220	82715	87818	
Lerwick	005	83020	70028	12507	883//	03225	82707	83812	88618
Wick	075	83223	75808	17510	884//	06224	86812	88625	
Sule Skerry	010	83227	70158	17709	885//	07222	86820	88625	
Cape Wrath	049	73425	80028	18709	784//	05218	83815	87620	
Stornoway	026	73218	81038	21712	685/2	06223	85822		
Benbecula	022	53119	85018	23212	38502	07220	82820	83070	
Tiree	100	73117	75808	23712	784//	09218	83818	86637	
Aldergrove	917	53318	84258	24215	48401	07207	83818		
Malin	980	73218	84028	25512	784//	08216	83817	87645	
Belmullet	976	73214	68206	28513	764//	10210	85717	87636	
Birr	965	83212	81022	27613	885//	09307	85820	88630	
Dublin	969	73212	88018	25114	785//	08303	85822	84635	
Shannon	962	73211	84022	28414	755//	09305	82625	87635	
Roches Point	952	73309	81022	28213	754//	07306	83716	87634	
Valentia	953	83411	80035	29713	885//	10207	83820	88630	

OBSERVATIONS at 18h. 10 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
746	53611	84012	24115	58600	06207	82834	85650	
862	53409	80012	23917	58600	08205	82835	84645	
797	13209	68011	22315	11501	08203	81827		
776	33210	80011	23415	38601	07003	81832		
775	13209	82021	23315	11600	05004	81835		
772	23013	68011	23216	18602	07103	81835		
586	70406	81022	22214	785//	07307	81828	87645	
590	72910	80032	21814	786//	07204	82840	87650	
497	63110	66022	21913	645//	05211	86625		
502	23008	83021	26812	12502	09104	81825		
628	53409	84022	24617	48601	08207	82835	83650	
715	33312	84011	25115	18501	07103	81825	83075	
703	23412	86011	27012	12501	09203	81820		
827	40113	89031	25915	45631	09307	84634		
817	13416	84011	27214	18401	08305	81816		
804	13613	80011	27914	15601	09302	81635		
809	20217	81011	26813	18601	07203	81830		
894	13310	82011	24814	10932	06002	81360		
534	43120	81011	23915	18602	05305	81832	83075	
559	53013	80031	22816	38601	09101	82830	84080	
462	32915	84021	22316	21601	07307	82830		
354	42911	83011	23215	28601	08206	81830	83075	
414	43120	84021	24714	32601	07304	83830	83075	
360	72812	86031	22015	786//	07309	81830	87635	
396	50205	75012	22114	2567/	05215	82640	85360	
257	60403	89022	21815	68601	06119	81840	86650	
262	20203	81021	22411	15601	09220	81630		
222	43118	86021	22116	28602	07215	82834	83078	
302	43613	84011	26913	28502	06211	81820	83075	
334	33016	82011	23814	28601	07209	82830		
318	63018	81021	24513	28541	09211	81825	86080	
204	23316	84031	25913	14501	04118	81625		
131	43528	83011	25812	22535	08213	82825		
162	53016	84011	22315	42602	04315	84835	84077	
135	43122	85011	24813	11541	07214	81825	84075	
140	43019	89011	23415	28502	05116	81824	83072	
171	43319	86011	21816	21649	03218	82840	83365	
091	33220	86018	21012	28502	04218	82826		
005	83018	70022	16508	884//	04117	84815	88628	
075	73220	82028	21510	784//	06217	85818	87630	
010	63218	80012	21311	44548	08213	84820	86275	
049	73218	75152	22610	4357/	07209	84920	87360	
026	73014	82018	24611	3853/	07111	81820	83640	87360
022	43116	85031	26112	31402	09113	83818		
100	23115	84018	26712	28400	08214	81818		
917	63418	82031	27112	35532	06211	83628	86075	
980	73216	83011	28212	685/2	07211	86820		
976	73308	81038	30313	784//	08304	83717	84820	86638
965	43409	84011	28914	48502	08306	83824		
969	53112	88022	26917	38602	08310	83833		
962	63309	84012	29615	685//	10006	83825	86635	
952	53116	80012	28815	585//	09303	83822	83638	
953	83607	80032	30613	884//	09205	83819	88630	

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00170	103	+	+
862	00180	097	+	+
797	97150	044	+	r_o
776	00160	060	+	+
775	00150	058	+	+
772	00160	049	+	+
586	97170	018	+	ir_o
590	00150	039	+	+
497		060		
502	00140	111	+	+
628	00170	079	+	+
715	00170	102	+	+
703	00120	126		
827	00160	144	+	+
817	00150	139	+	+
804	00170	082	+	+
809	00150	111	+	+
894	00140	150	+	+
534	00150	048	+	+
559	00160	046	+	+
462	97170	061	+	r_o
354	00150	076	+	+
414	00150	049	+	+
360	00180	052	+	+
396			+	+
257	00180	095	+	+
262	00150	117	+	+
222	00180	110	+	+
302	00150	047	+	+
334	97140	053	pr_o	+
318	00150	075	+	+
204	00150	098	+	+
131	00130			
162	97161	132	pr_o	+
135	97151	118	pr_o	+
140	00170	103	+	+
171	00170	120	+	+
091	95140	098	pr_opr	+
005	97091	004	pr_o	+
075	91121	054	pr_o	pr_o
010	97141			
049	97101	045	pr_o	+
026	97131	048	pr_o	pr_o
022	00131	105	+	+
100	97141	083	pr_o	+
917	97160	105	pr_o	+
980	9113	054		
976	9714	011		
965	0015	043		
969	9718	072		
962	0015	013		
952	0016	026		
953	9714	002		

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

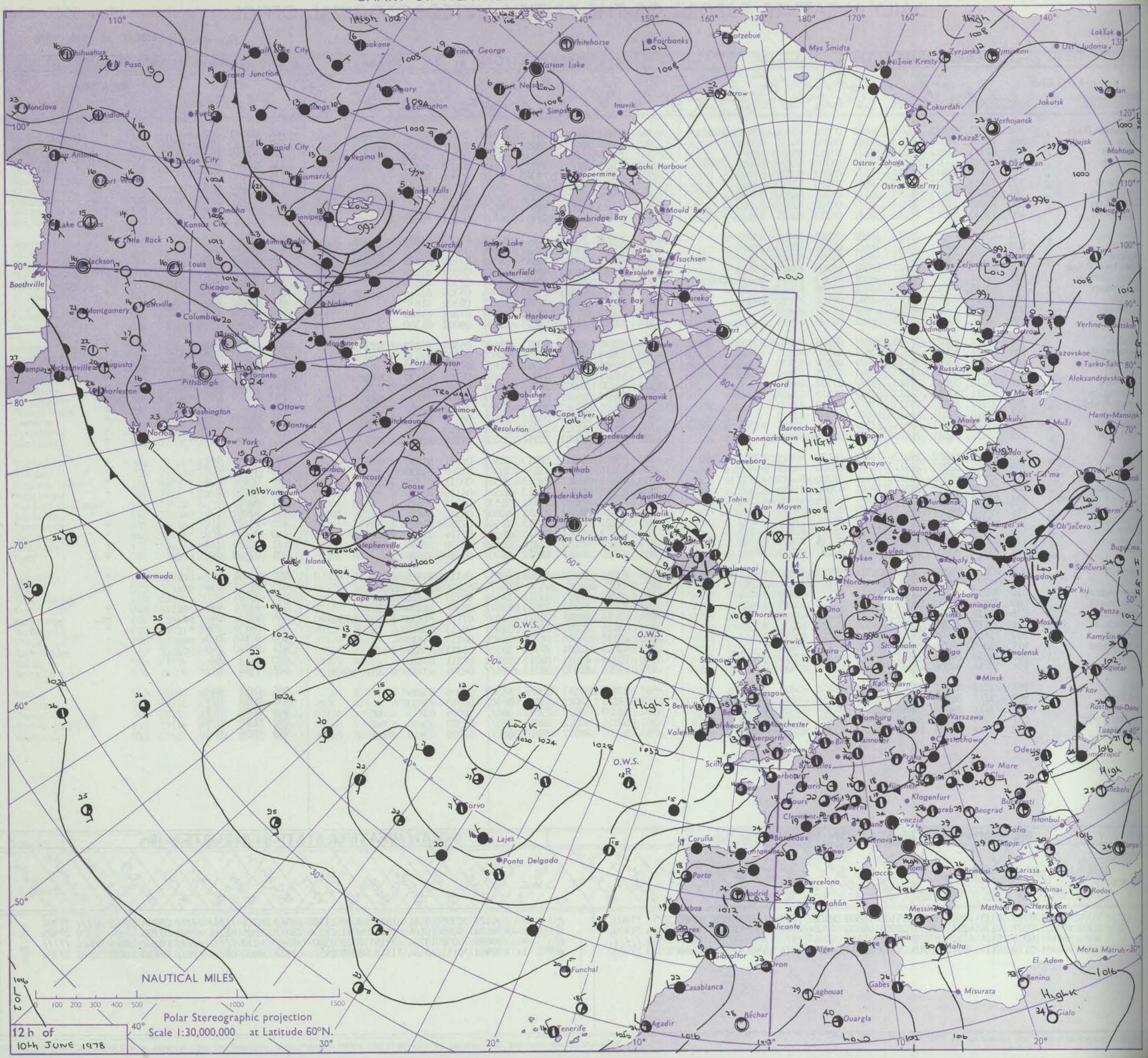
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10121	72002	98022	25108	75500	00400	/////	/////	05006	10897	3////	11702
L	99570	70202	10124	42617	98011	28609	45500	00105	84620	/////	0//06	11057	30404	31906
M	99649	10026	10124	83520	97022	03307	854//	32214	/////	/////	05106	10848	30504	/////
R	99469	70170	10124	71017	98016	29313	6244/	00213	84816	85362	0//11	11384	30503	27905

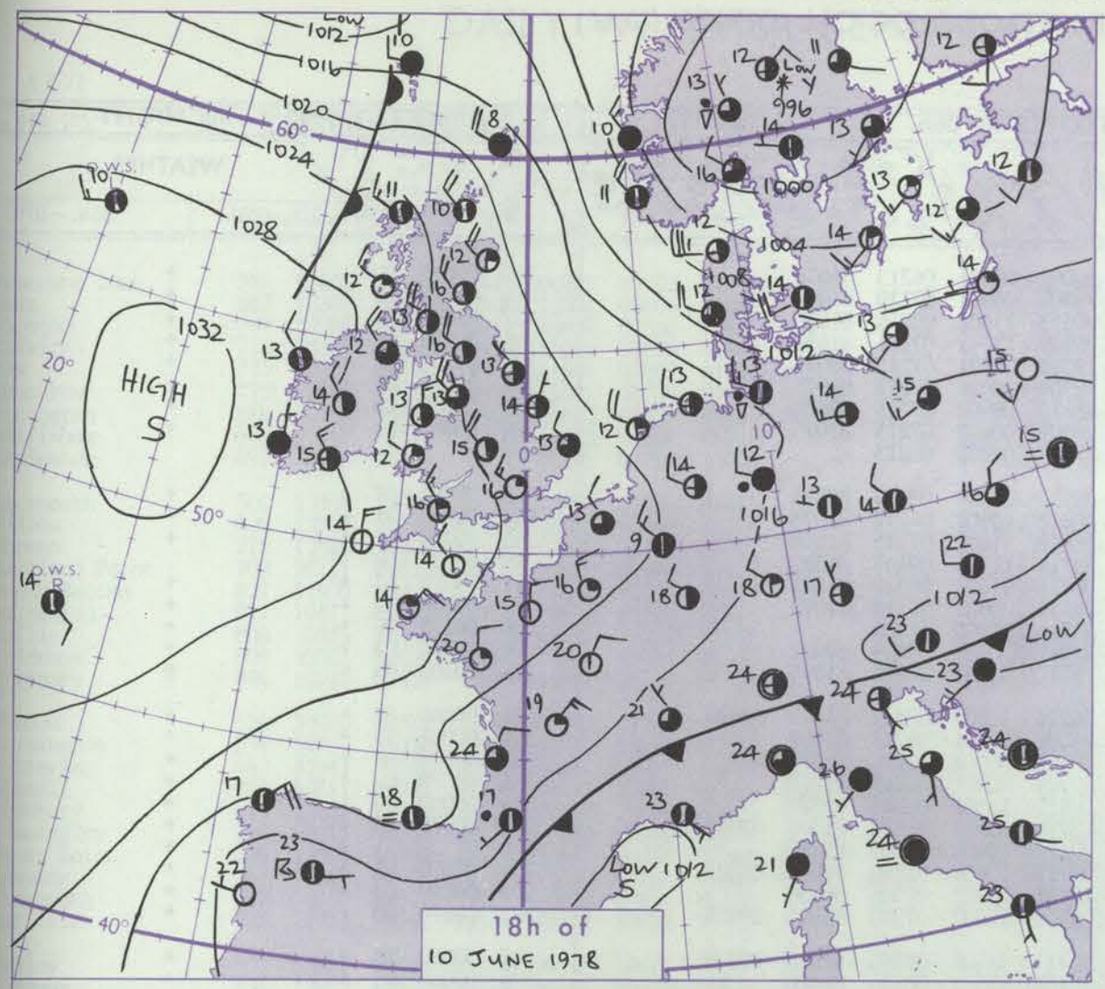
OCEAN WEATHER STATION REPORTS at 18h.

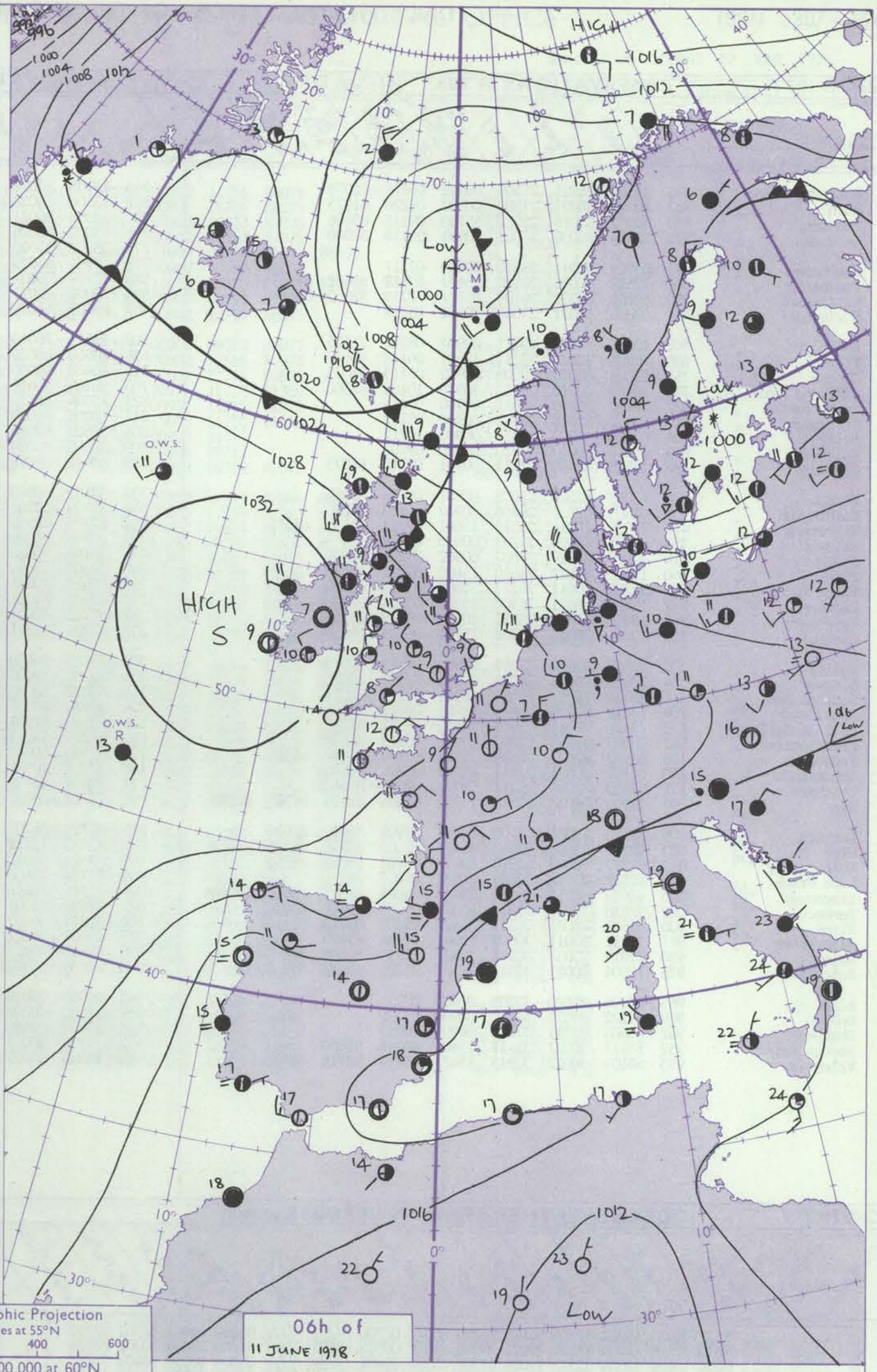
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	10181	81804	98022	22709	885//	00711	/////	/////	05108	10962	3////	27702
L	99570	70200	10184	72614	98031	29209	754//	00004	82714	87625	0//05	11058	30302	29905
M	99645	10035	10184	83319	96022	05809	863//	00212	/////	/////	05107	10981	30402	/////
R	99469	70171	10184	71112	98031	29313	65502	00400	86630	/////	0//10	11409	30502	27304

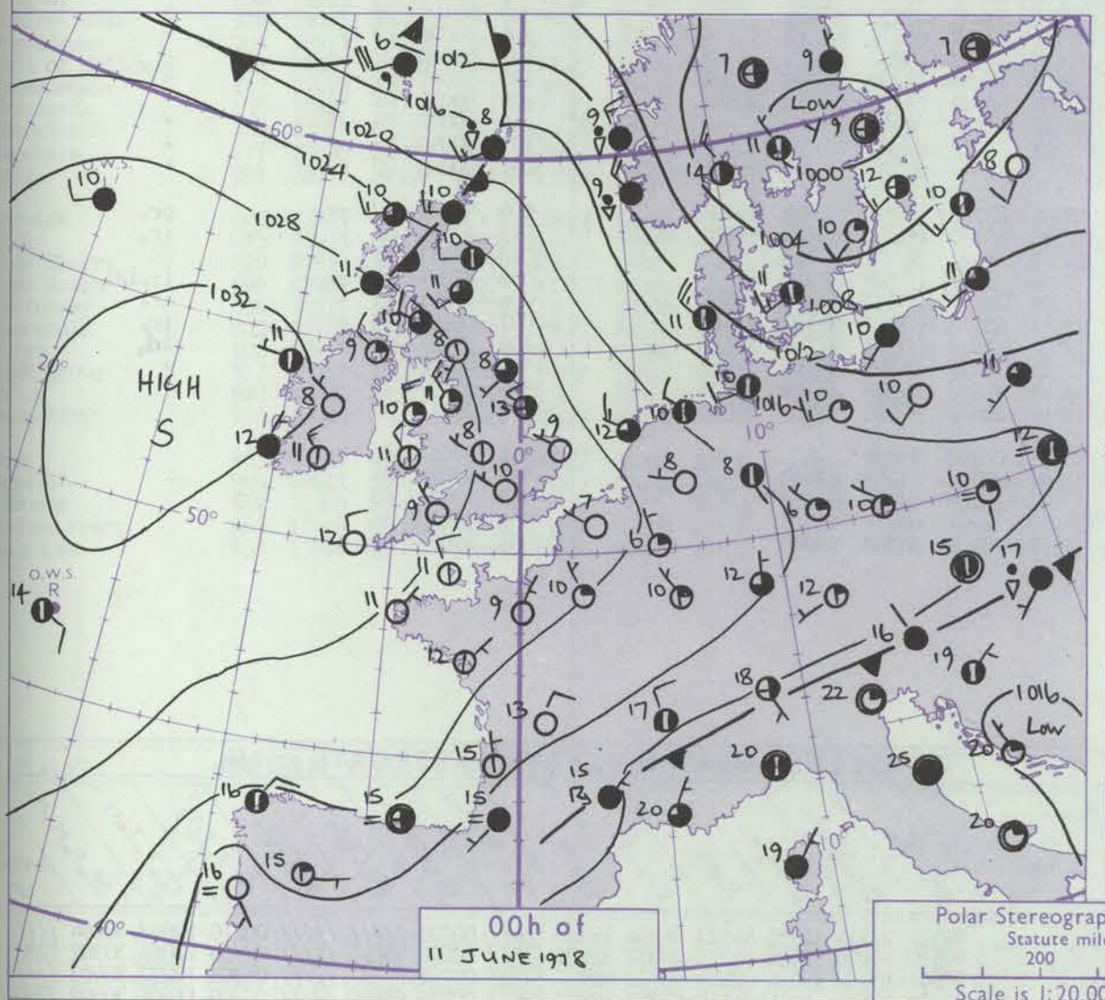
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 11 JUNE 1978

During the past 24 hours an anticyclone remained just west of the British Isles. A depression over Norway moved southeast into Sweden whilst another depression in the Denmark Straits moved east with associated troughs moving southeast into Northern Isles and Scotland.

During the next 24 hours pressure will remain high over Ireland. The depression in the Norwegian Sea will move southeast into Sweden and the associated trough will move southeast down eastern and central districts of the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. 11 June 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	23509	84021	27509	00901	05215	82078		
Hurn	862	10000	80021	27508	00902	07220	81075		
Manston	797	50202	65016	25512	55700	09215	85656		
Gatwick	776	22504	68030	27007	00901	05118	82080		
Kew									
Heathrow	772	03004	68011	26510	00900	07117			
Honington	586	72802	70026	26210	756//	07119	83632	87645	
Wattisham	590	63106	80032	26109	657//	07219	82650	85657	
Gorleston	497	03006	66021	25309	00900	05217			
Aberporth	502	13412	84011	29711	00902	08216	81075		
Filton	628	10202	82021	28211	15601	06119	81640		
Rhoose	715	13308	82020	28009	00902	06113	81075		
Hartland Point	703	20110	82010	29112	20970	10109	82360		
Mount Batten	827	00206	84010	28611	00900	09114			
St.Mawgan	817	03402	82010	29511	00900	08112			
Scilly	804	03510	82020	30212	00900	10212			
Culdrose	809	03610	80010	29310	00900	09108			
Guernsey	894	13508	81010	27511	00901	09315	81075		
Elmdon	534	13007	82020	27808	00901	06121	81075		
Cardington	559	62605	62031	26706	00902	06119	86075		
Wittering	462	33009	70026	26510	15601	07217	81635	83075	
Watnall	354	02802	75020	27209	00900	07219			
Shawbury	414	22807	82020	28607	00902	05221	82070		
Finningley	360	12805	75021	26610	15600	07321	81630		
Spurn Point	396	53109	65011	26213	55600	07210	85635		
Leeming	257	12606	86011	26908	15600	05224	81640		
Tynemouth	262	12806	81020	26211	10930	06219	81358		
Carlisle	222	12004	75020	27108	15701	06125	81650		
Valley	302	23515	80020	29810	00902	06115	82075		
Ringway	334	12605	75011	28009	00901	07220	81075		
Squires Gate	318	23314	75011	27811	00901	08219	82075		
Ronaldsway	204	13218	84020	28610	18401	07012	81815		
Mull of Galloway	131	23410	80011	29409	16440	08222	81710		
Eskdalemuir	162	23305	81011	27307	15602	03219	81635		
Prestwick	135	62910	82031	28610	15732	07124	81650	86362	
Abbotsinch	140	62709	70031	27611	657//	05318	86656		
Leuchars	171	62310	82031	25211	5574/	04213	85650		
Dyce	091	72709	86031	23510	15732	04004	81656	85362	86070
Lerwick	005	82616	70808	17408	884//	08802	86810	88620	
Wick	075	82713	75028	22510	6547/	07803	82715	86635	88460
Sule Skerry	010	82917	70022	21310	6247/	09705	86815	88360	
Cape Wrath	049	82719	75028	23009	864//	08805	88710		
Stornoway	026	62614	80012	25310	3543/	08004	81617	83650	86360
Benbecula	022	82616	73031	27311	853//	09305	85709	88626	
Tiree	100	82611	80031	28711	854//	09208	81712	88617	
Aldergrove	917	23211	82011	30609	15541	07114	81620		
Malin	980	72914	82031	30911	784//	08215	83818	86635	
Belmullet	976	72804	80021	32311	784//	08206	82718	87640	
Birr	965	03206	75020	32208	00900	07114			
Dublin	969	03202	84011	31210	00900	07220			
Shannon	962	03604	82011	32610	00900	09215			
Roches Point	952	13217	80021	31411	15601	09110	81640		
Valentia	953	80104	80022	32912	854//	09214	82719	88630	

OBSERVATIONS at 06h. 11 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	13105	82020	30009	00901	06213	81078		
862	13506	75020	29709	00901	07210	81075		
797	13305	80021	28513	15601	08214	81630		
776	23002	68020	29309	15741	07311	81650		
775	33201	75020	29310	00901	07213	83075		
772	12904	64020	29309	00901	07213	81075		
586	22707	70031	28810	00902	07215	82080		
590	13006	65021	28609	00902	07215	81075		
497	03103	66020	27909	00900	06213			
502	23511	70010	31910	28402	09114	82815		
628	10000	80020	30810	00901	06212	81078		
715	10403	80020	30810	11401	07315	81818		
703	20109	86010	31111	11501	09109	81820		
827	10304	80010	30711	15601	09310	81635		
817	10202	82020	31411	00901	09110	81075		
804	00507	82010	31514	00900	11209			
809	10405	80020	31311	00901	09209	81072		
894	10412	84010	29512	00901	06210	81075		
534	33109	60040	30210	11401	08212	81810	83080	
559	12704	59101	29409	00901	08215	81080		
462	22708	62030	29209	00901	07216	82075		
354	12906	70020	29709	00901	08215	81070		
414	33106	80020	30510	15501	08315	81620		
360	32605	65030	28710	10932	08212	81362	83075	
396	42610	70031	27611	00904	07009	83070		
257	62908	86031	27712	15604	05304	81640	86075	
262	62713	80021	27111	6093/	06305	86359		
222	62704	84021	29109	15632	07310	81645	86075	
302	33408	80030	31711	11401	08309	81815	83075	
334	22702	59030	30109	18501	08214	81820		
318	43012	70030	30211	35401	09212	83615		
204	33414	82021	30511	25442	07314	81712		
131	83516	81031	31110	855//	09208	88625		
162	52215	83011	28310	18532	05209	81820	85360	
135	62104	66031	29709	55442	07207	81710	84618	
140	72907	70021	28911	75432	09307	87616		
171	52609	86031	25311	15742	05002	81650	84072	
091	72712	86022	23013	11576	07504	81825	85364	87270
005	82729	56208	14909	872//	07707	86704	88708	
075	82923	75218	22210	65437	08601	83710	85630	88270
010	82829	58022	21210	864//	08305	88710		
049	82728	72606	22609	874//	07208	88710		
026	72915	70216	25809	755//	07307	82620	87625	
022	82820	65606	27610	854//	09202	85711	88617	
100	82813	66202	29111	854//	09203	81710	88615	
917	73007	75021	31811	754//	09309	84712	87617	
980	82815	80022	31211	864//	09207	84714	88635	
976	82808	75022	33811	854//	09218	83718	88640	
965	00000	75020	33507	00900	06308			
969	22606	80020	32509	00901	07309	82070		
962	10000	82020	33709	15700	08206	81650		
952	33208	80011	33110	00901	08207	83075		
953	10000	84021	33409	00902	08303	81070		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00060	00	+	+
862	00050	01	+	+
797	97080	04	r_o	+
776	00050	01	+	+
775	00050	52	+	+
772	00070	01	+	+
586	00060	01	+	+
590	00060	01	+	+
497				
502	00090	07	+	+
628	00080	01	+	+
715	00070	01	+	+
703	00100	08		
827	00090	03	+	+
817	00090	02	+	+
804	00120	09	+	+
809	00090	03	+	+
894	00100	06	+	+
534	00060	02	+	+
559	00040	50	+	+
462	97070	05	r_o	+
354	00070	02	+	+
414	00060	02	+	+
360	00070	03	+	+
396			+	+
257	00070	05	+	+
262	00090	05	+	+
222	00070	03	+	+
302	00080	03	+	+
334	00080	05	+	+
318	00100	08	+	+
204	00090	07	+	+
131	00080			
162	00041	01	+	+
135	00081	04	+	+
140	00090	07	+	+
171	00090	07	+	+
091	00080	05	+	+
005	96071	07	pr_o	pr_o
075	97091	06	+	ir_o
010	97081	08		
049	97081	08	pr_o	$ir_o id_o$
026	97091	07	+	ir_o
022	91091	09	+	ir_o
100	97101	09	+	id_o
917	00090	07	+	+
980	0010	08		
976	0011	09		
965	9704	50		
969	9707	05		
962	9707	03		
952	9709	06		
953	9707	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_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	11001	81906	96105	21209	855//	00708	/////	/////	05009	10942	3//01	27/02
	99570	70199	11004	82512	98022	29910	855//	00104	88625	/////	0//08	11053	30302	22004
	99644	10036	11004	83318	97026	07307	853//	00801	/////	/////	05304	10959	30403	/////
	99468	70172	11004	71012	97022	31013	756//	00111	87640	/////	0//08	11396	30000	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	11061	81712	96284	16809	864//	00723	/////	/////	00210	10898	30604	/////
	99570	70198	11064	62312	98032	30510	655//	00202	86625	/////	0//09	11066	30302	22803
	99644	10039	11064	82219	96632	02907	5732/	00731	/////	/////	05305	10892	30403	/////
	99470	70170	11064	81112	97022	30813	856//	00303	88640	/////	0//09	11405	30502	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

No. 42571

Date of Issue MONDAY 12 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 11 June 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	13406	86020	30419	00901	09803	81078		
Hurn	862	13306	81030	30420	11601	09604	81832		
Manston	797	22705	81010	30117	14601	07500	81635		
Gatwick	776	13308	81020	30019	11601	08804	81840		
Kew	775	12704	80030	29819	11601	07805	81840		
Heathrow	772	32808	75020	29920	11601	08704	81840	83078	
Honington	586	42710	82031	28919	11602	06805	81833	84080	
Wattisham	590	22910	81010	29218	11602	08804	81840		
Gorleston	497	33212	66021	28317	00901	06707	83075		
Aberporth	502	13309	75011	33213	11400	09002	81818		
Filton	628	12908	82020	31118	00901	08803	81078		
Rhoose	715	12510	78020	31916	00901	08001	81078		
Hartland Point	703	10111	74020	32913	11400	09104	81815		
Mount Batten	827	12109	86020	31716	11600	12204	81835		
St.Mawgan	817	10112	82020	32715	11401	11105	81815		
Scilly	804	10414	80020	33117	11401	11205	81818		
Culdrose	809	20705	80030	32217	11501	10205	81825		
Guernsey	894	10110	80020	31614	11401	08107	81816		
Elmdon	534	33010	70011	30119	00902	09705	83080		
Cardington	559	52707	81031	29920	00901	11602	85081		
Wittering	462	32911	80030	28920	00901	08807	83075		
Watnall	354	62811	78031	29119	10932	11705	81363	86075	
Shawbury	414	33210	81020	30418	00902	11808	83075		
Finningley	360	63015	80031	28021	00906	08606	86075		
Spurn Point	396	33006	66020	27418	20971	10708	82360	83075	
Leeming	257	72912	88021	27119	15642	09606	81640	84360	87072
Tynemouth	262	62720	69022	25817	60930	10614	86358		
Carlisle	222	72713	75021	28514	755//	10810	87623		
Valley	302	32811	75010	32814	38402	08501	83815		
Ringway	334	72912	68031	30815	54504	09002	85620	86070	
Squires Gate	318	73015	68021	31513	754//	10104	85710	87620	
Ronaldsway	204	72912	75031	31614	654/2	09003	81711	86622	
Mull of Galloway	131	83315	80022	31612	5742/	11801	83710	88458	
Eskdalemuir	162	72412	81011	28711	784//	08503	85712	84822	87640
Prestwick	135	72815	70026	29912	753//	09504	81706	83712	87616
Abbotsinch	140	73017	84022	28313	684/1	07711	82712	85822	87075
Leuchars	171	72620	86022	24516	25632	07706	82630	84360	87070
Dyce	091	72922	84022	22315	15578	06509	81620	84360	85462
Lerwick	005	72826	65258	15709	784//	04204	85812	87622	
Wick	075	82823	68026	22909	6542/	07106	82710	85618	88459
Sule Skerry	010	82929	58205	21710	854//	09305	85710	88625	
Cape Wrath	049	83232	65505	22709	873//	07004	88708		
Stornoway	026	72921	66506*	26711	754//	08309	85711	87625	
Benbecula	022	72717	79216	29411	754//	09211	82712	85618	86624
Tiree	100	82913	75025	30611	854//	08209	83618	88630	
Aldergrove	917	53014	75012	32016	55400	09802	82616	85622	
Malin	980	83020	80255	32312	884//	10501	83712	86818	88635
Belmullet	976	83009	66205	34812	864//	10002	84716	87636	
Birr	965	63207	82031	34116	685//	09802	83824	84636	
Dublin	969	62611	82011	32616	685//	09804	83826	84630	
Shannon	962	73205	82011	34615	754//	10801	87618		
Roches Point	952	11408	82020	34215	11500	10105	81824		
Valentia	953	13510	89020	34017	15601	11803	81632		

OBSERVATIONS at 18h. 11 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	63006	84031	27521	00902	11716	86075		
862	62909	82031	27921	00901	10716	86075		
797	72113	82021	26517	00902	09723	87070		
776	72108	82021	27119	00902	12717	87075		
775	63106	82021	26621	11602	08718	81845	86075	
772	63106	82021	26721	00902	10718	86078		
586	72816	80021	25221	11632	08620	81845	87075	
590	72815	82021	25320	00902	09722	87075		
497	82914	66021	24421	00902	10725	88075		
502	63106	75031	31313	00902	09712	86072		
628	72706	82031	28319	00902	12616	87078		
715	72912	80021	29217	00902	11715	87075		
703	22708	74020	31015	10971	11713	81360		
827	12206	84020	29816	00901	12715	81075		
817	13513	82020	31215	15600	11710	81640		
804	00213	80020	31516	00900	11711			
809	00212	70050	30616	00900	09713			
894	13508	80020	29715	00902	07712	81075		
534	73214	75011	27417	20942	10715	82364	86072	
559	72910	75022	26420	20938	12718	82363	87280	
462	63015	80021	26218	10932	08614	81366	86075	
354	72913	66032	27614	15776	09509	81650	84360	85270
414	63517	70021	28815	00902	10707	86075		
360	72815	65032	26515	35508	08708	83620	87272	
396	63020	59021	24915	3567/	10712	83640	86360	
257	33113	89011	25316	11602	07509	81840	83075	
262	42820	80021	23816	20942	09712	82359	84075	
222	52912	84012	26914	35542	08711	83628	83075	
302	72409	78021	30913	784//	10614	81818	87625	
334	73010	66012	28713	754//	09714	86616	87640	
318	73013	65152	29213	763//	10618	82708	86712	
204	73312	75032	30112	784//	07711	81714	83628	86634
131	73430	80022	29011	754//	10719	81710	87625	
162	62408	82012	27112	42542	06505	84828	85075	
135	73018	75032	29112	685/2	08701	83820	86630	
140	73012	84031	27613	785/2	07504	84826	83630	
171	72818	86022	24116	15742	07604	81650	83362	85070
091	73022	82602	23112	7547/	07502	87618		
005	73024	62258	17007	784//	03203	85812	87620	
075	73128	80038	23210	32432	05301	83818	86075	
010	83229	70032	23410	52407	07104	85815	88275	
049	73224	74025	25209	3247/	06109	83815	87360	
026	73220	75016	27411	15431	09201	81615	86364	
022	73116	73015	29411	754//	09602	83616	87627	
100	83115	75505	29811	854//	09706	83711	88626	
917	63013	82031	31313	655//	07508	86622		
980	72918	75018	31611	784//	09708	83716	87636	
976	73208	81025	34412	754//	07605	82717	87637	
965	23208	82021	32516	22500	10809	82825		
969	62811	82032	30816	586/1	10718	85830		
962	13211	82011	33216	18500	11810	81823		
952	11702	82020	31816	15700	12712	81650		
953	13311	87020	32715	15600	11808	81638		

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00220	137 +		+
862	00230	136 +		+
797	00190	118 +		+
776	00220	118 +		+
775	00220	123 +		+
772	00230	123 +		+
586	00230	124 +		+
590	00210	126 +		+
497		126		
502	00130	139 +		+
628	00220	130 +		+
715	00180	139 +		+
703	00150	150		
827	00190	153 +		+
817	00170	151 +		+
804	00180	149 +		+
809	00180	143 +		+
894	00160	152 +		+
534	00210	128 +		+
559	00220	110 +		+
462	00220	110 +		+
354	00200	106 +		+
414	00190	126 +		+
360	00210	100 +		+
396		+		+
257	00210	113 +		+
262	00180	096 +		+
222	00160	091 +		+
302	00160	115 +		+
334	00160	092 +		+
318	00140	042 +		jp
204	00160	075 +		+
131	00120			
162	00141	049 +		+
135	97130	042 r_o		+
140	00150	046 +		+
171	00190	050 +		+
091	97170	015 +		r_o
005	92111	025 pr_o		pr_o
075	96121	025 $ir_or_or_o$		pr_o
010	92141			
049	97100	012 id_o		id_o
026	97111	009 r_oid_o		id_o
022	97131	012 ir_oid_o		id_o
100	97130	002 d_o		id_o
917	00170	030 +		+
980	9713	001		
976	9714	001		
965	0017	115		
969	0017	114		
962	9718	091		
952	0019	152		
953	0018	152		

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

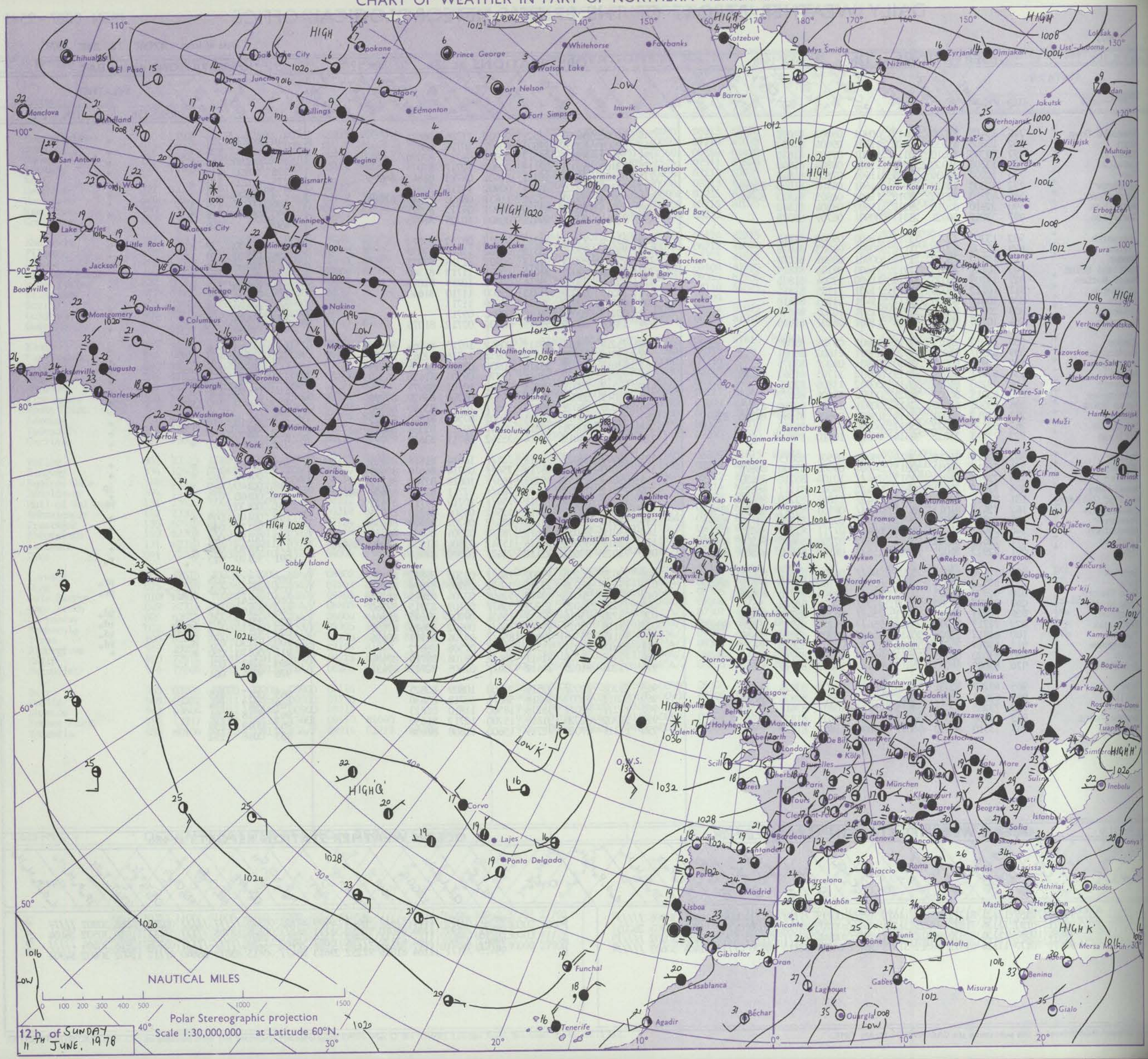
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11121	81715	97022	14610	855//	00713	/////	/////	00309	10904	30906	/////
L	99571	70197	11124	71812	97025	31211	754//	00203	84710	87620	0//10	11081	30303	26005
M	99644	10040	11124	82820	96818	00607	894//	00604	/////	/////	05206	10855	30302	/////
R	99470	70170	11124	61413	98012	31513	58402	00306	82715	84630	0//11	11404	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	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	11181	81817	96618	09409	8732/	00725	/////	/////	00209	10888	30907	/////
L	99571	70197	11184	82010	95032	31111	862//	00805	88705	/////	0//11	11090	30502	26104
M	99642	10040	11184	63120	97258	05807	59460	41230	/////	/////	05306	10918	30504	/////
R	99470	70171	11184	81016	97252	29613	884//	00815	83813	88640	0//12	11402	30602	34903

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
HIGH 1020
LOW
HIGH 1028
LOW 'K'
HIGH 'Q'
HIGH 'G'
HIGH 'H'
HIGH 'K'
Whitehorse
Fairbanks
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Barrow
Kotzebue
Mys Šmidta
Sachs Harbour
Cambridge Bay
Resolute Bay
Eureka
Thule
Nottingham Island
Port Harrison
Resolution
Cape Dyer
Frobisher
Fort Chimo
Nitchequon
Goose
Caribou
Anticosti
Yarmouth
Sable Island
Stephenville
Gander
Cape Race
Christian Sund
Narsarssuaq
Angmagssalik
Kap Tobin
Jan Mayen
Reykjavik
Thorshavn
Lerwick
Stornoway
Glasgow
Belfast
Manchester
Holyhead
London
Scilly
Brest
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Bordeaux
Santander
Porto
Madrid
Lisboa
Gibraltar
Alicante
Casablanca
Agadir
Oran
Algiers
Béchar
Laghouat
Ouargla
Gabes
Misurata
Tripoli
Benina
Malta
Bône
Tunis
Mersa Matruh
El Adem
Cairo
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Penza
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Volgograd
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Bogučar
Kargopol'
Onega
Mezen'
Archangel'sk
Murmansk
Tromsø
Bodø
Mo
Rørvik
Trondheim
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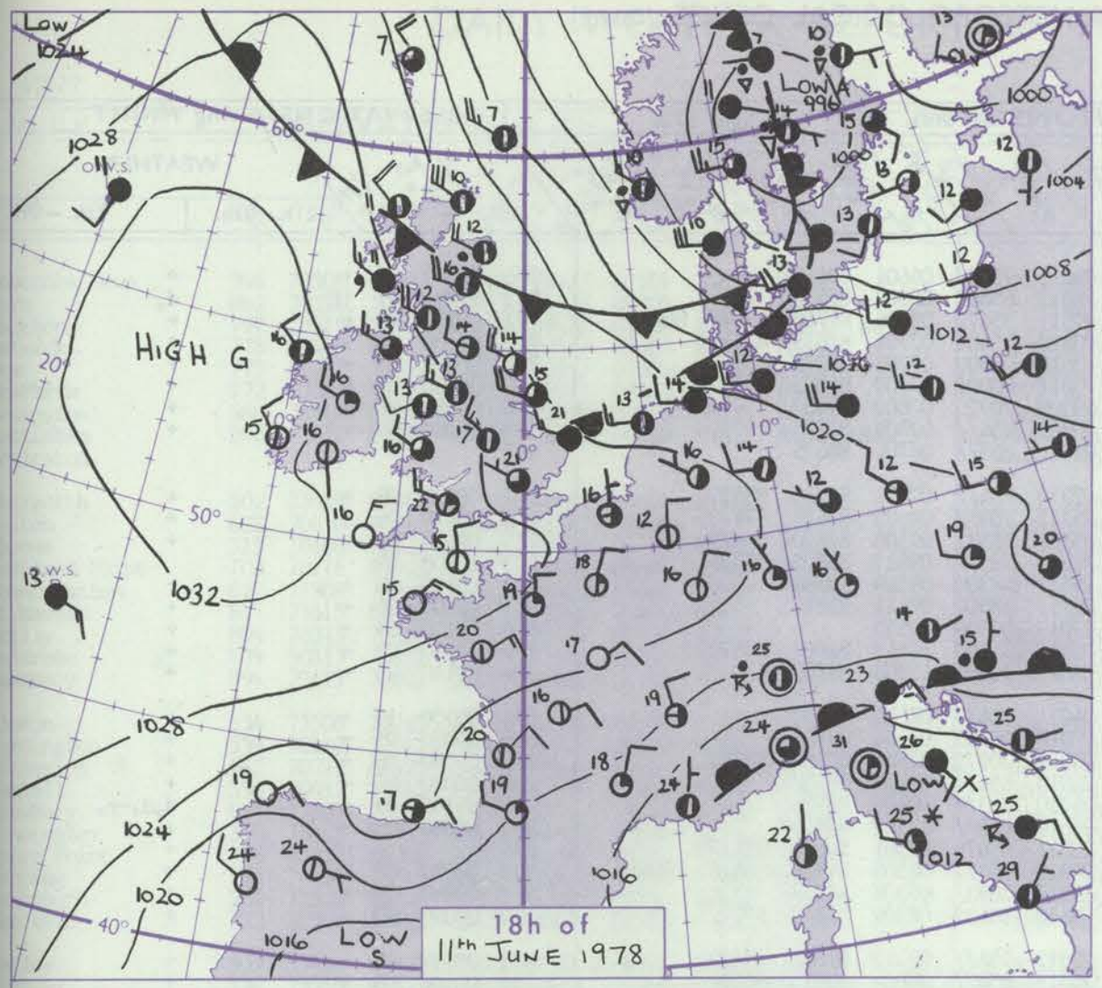
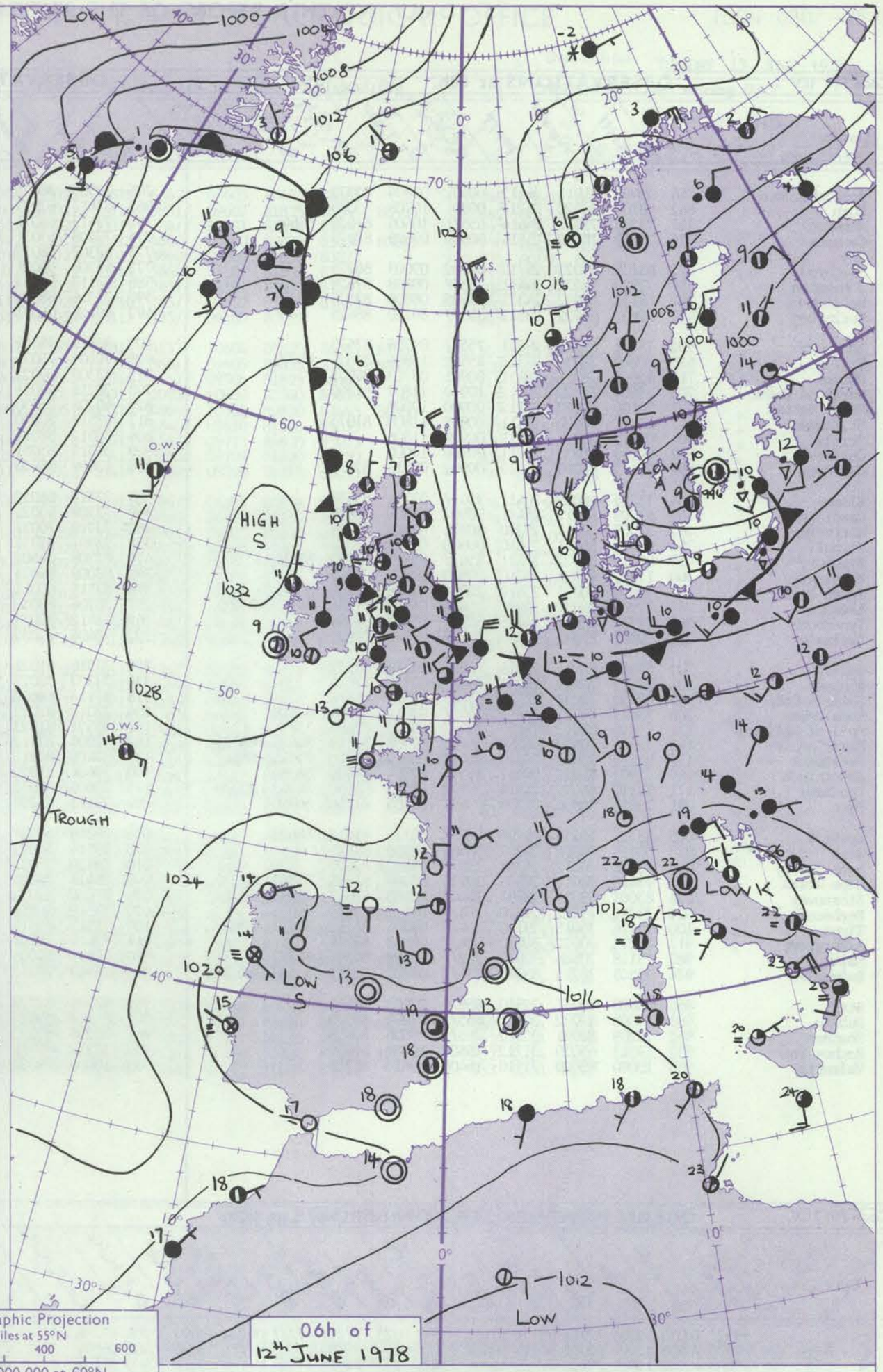
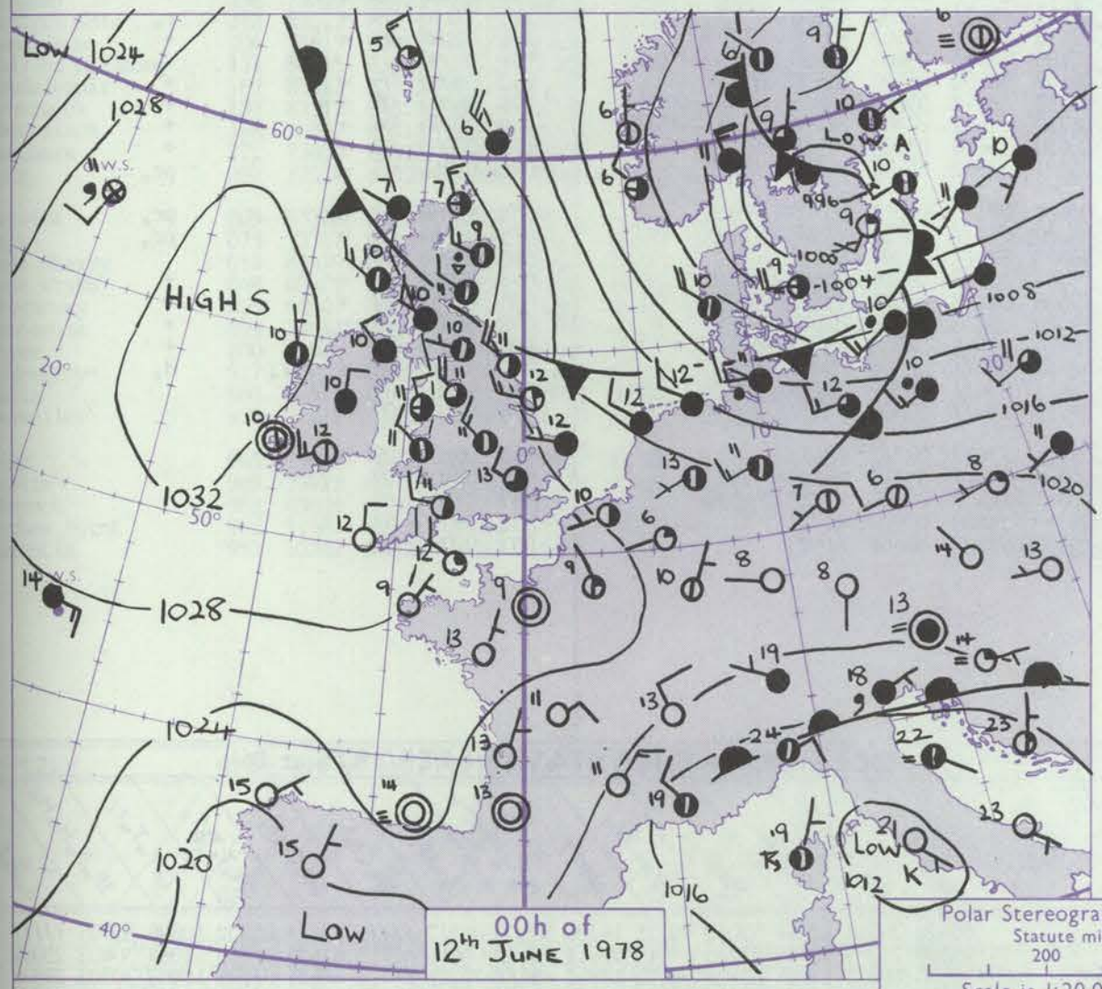
Haparanda
Kemi
Rovaniemi
Sodankylä
Ivalo
Kautokeino
Vardø
Hammerfest
Alta
Reb
Nordøyan
Mykines
Sørkjosen
Kvikkjokk
Arjeplog
Jokkmokk
Gällivare
Kiruna
Karesuando
Pajala
Haparanda
Kemi
Oulu
Kajaani
Joensuu
Kuopio
Jyväskylä
Tampere
Turku
Mariehamn
Visby
Karlskrona
Göteborg
Malmö
Lund
Ystad
Kristiansand
Stavanger
Bergen
Ålesund
Sandnessjøen
Mo i Rana
Narvik
Tromsø
Hammerfest
Vardø
Kirkenes
Petsamo
Murmansk
Kandalaksa
Kem'
Belomorsk
Onega
Mezen'
Archangel'sk
Severodvinsk
Kotlas
Vologda
Gorʹkij
Kazanʹ
Penza
Kamyšin
Saratov
Volgograd
Astrahan'
Rostov-na-Donu
Tuapse
Simferopol
Odessa
Sulina
Constanța
Craiova
Cluj
Satu Mare
Debrecen
Budapest
Beograd
Sofia
Istanbul
Konya
Inebolu
Rodos
Athinai
Larissa
Brindisi
Roma
Ajaccio
Genova
Milano
Nice
Marseilles
Toulouse
Clermont-Ferrand
Bordeaux
Dijon
Bruxelles
De Bilt
Hannover
Köln
München
Frankfurt
Stuttgart
Zagreb
Beograd
Sofia
Istanbul
Konya
Inebolu
Odessa
Simferopol
Rostov-na-Donu
Tuapse
Kiev
Minsk
Warszawa
Częstochowa
Kobenhavn
Oslo
Stockholm
Helsinki
Riga
Gdańsk
Moskva
Smolensk
Kaliningrad
Leningrad
Vologda
Gorʹkij
Kazanʹ
Penza
Kamyšin
Saratov
Volgograd
Astrahan'
Bogučar
Kargopol'
Onega
Mezen'
Archangel'sk
Severodvinsk
Kotlas







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 12 JUNE 1978

During the past 24 hours the anticyclone to the west of Ireland has remained slow-moving. The depression to the west of Norway transferred into the southern Baltic. The associated cold front moved south across Scotland and northeastern England. A depression near Cape Farewell moved slowly north.

During the next 24 hours the anticyclone to west of Ireland is expected to drift slowly east. The depression in the southern Baltic will move steadily southeast. The associated cold front will move southwest to clear most of Britain. The depression near Cape Farewell will move into the Denmark Strait.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 12 June 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	23408	81011	26612	00901	09804	82072		
Hurn	862	53107	80022	26212	00901	10708	85075		
Manston	797	73214	75032	24614	655/1	10604	81620	86645	
Gatwick	776	73509	70032	25514	00902	09605	87075		
Kew									
Heathrow	772	63108	65022	25713	00902	09003	86075		
Honington	586	72909	68032	24411	755//	08808	87628		
Wattisham	590	63110	68032	24311	35502	08808	83628	84075	
Gorleston	497	82807	66022	23312	855//	09710	88625		
Aberporth	502	73211	65021	29711	755//	09708	87625		
Filton	628	70000	75032	27313	45502	10804	84624	86078	
Rhoose	715	42002	72011	28111	00901	08703	84075		
Hartland Point	703	13606	78020	29612	10970	11807	81360		
Mount Batten	827	00106	80010	28212	00900	10809			
St.Mawgan	817	13407	70020	29411	00902	11808	81075		
Scilly	804	03610	78020	29912	00900	11806			
Culdrose	809	00110	68050	29711	00900	10000			
Guernsey	894	23111	81010	27512	00902	08813	82075		
Elmdon	534	73216	68022	26411	754//	07714	87613		
Cardington	559	63009	67012	25411	00902	09808	86080		
Wittering	462	33009	70011	25210	00901	07609	83075		
Watnall	354	03010	66011	25610	00900	07716			
Shawbury	414	83212	70022	27411	854//	08804	82710	88614	
Finningley	360	12912	81021	25010	00902	07708	81075		
Spurn Point	396	32816	60021	23812	20941	09708	82360	83075	
Leeming	257	72905	86031	25011	15644	06803	81630	83362	87080
Tynemouth	262	62710	80021	24411	6093/	07400	86359		
Carlisle	222	72807	81031	26410	755//	07806	87622		
Valley	302	53410	80011	29411	55500	08809	85622		
Ringway	334	73213	70021	27011	754//	07716	87616		
Squires Gate	318	63120	70031	26811	654//	08811	86618		
Ronaldsway	204	73013	80022	28811	754//	07814	81714	87619	
Mull of Galloway	131	73420	84012	29109	756//	09809	87630		
Eskdalemuir	162	72510	70022	26409	55402	07708	82713	84625	86073
Prestwick	135	83110	75032	28010	854//	08802	81710	83711	88612
Abbotsinch	140	72907	81022	26911	15572	07804	81620	86360	
Leuchars	171	73110	86022	24911	35742	05503	83650	84362	87070
Dyce	091	73016	70806	24309	6243/	05105	81716	86820	
Lerwick	005	83223	70258	19706	884//	03111	84812	88620	
Wick	075	53415	75018	25307	58400	03208	84816		
Sule Skerry	010	73228	76012	25708	755//	05214	87620		
Cape Wrath	049	73415	80012	26808	32436	05206	83815	85360	87270
Stornoway	026	83001	69022	28507	14447	05003	81617	83362	88272
Benbecula	022	73312	75212	29610	754//	09103	83618	86625	
Tiree	100	73116	75015	29110	754//	09806	81712	83617	87630
Aldergrove	917	83211	80022	30410	854//	08803	88615		
Malin	980	73118	70588	30811	762//	10808	84705	86712	
Belmullet	976	73505	78255	33310	734//	09807	82717	81920	87638
Birr	965	83608	70031	32510	856//	07003	88631		
Dublin	969	83008	82032	30811	855//	07803	88620		
Shannon	962	70209	80031	32312	755//	09806	87623		
Roches Point	952	12313	65020	31212	15600	10001	81645		
Valentia	953	10000	80020	31510	16400	09810	81715		

OBSERVATIONS at 06h. 12 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	73509	70021	24611	754//	06601	87615		
862	63613	62021	24312	65600	08607	86630		
797	73413	64021	22511	35472	09606	81710	83645	86070
776	73408	65031	23810	15402	07704	81615	87075	
775	63307	68022	23810	00902	07703	86075		
772	63208	65021	23811	00902	07707	86072		
586	83110	56032	23209	70922	07602	87467		
590	73314	58052	22809	756//	07504	87635		
497	80128	66031	21911	855//	08704	88625		
502	83519	75022	27310	854//	07611	85715	88620	
628	70109	75031	25711	754//	07602	83615	87622	
715	63303	69021	25909	18532	07506	81820	86075	
703	70216	69031	26611	785//	09612	83820	87625	
827	40208	81030	25611	48300	09509	82709		
817	23513	80030	26711	18402	09611	81810		
804	00312	58011	27013	00900	12623			
809	30313	65051	26412	35300	10612	81707	83620	
894	13609	66020	24811	16201	10508	81703		
534	73312	66022	24911	764//	08507	87710		
559	73209	65021	23910	00902	08604	87075		
462	73210	70031	24009	70972	07503	82360	87365	
354	73307	65031	24910	65672	07500	86630		
414	83308	56502	25710	863//	09608	88706		
360	83009	80031	24610	855//	07302	88620		
396	83515	65011	23511	45679	07301	84630	83175	
257	70204	80032	24910	65472	08305	81710	86616	87068
262	73412	80022	25210	7093/	05308	87358		
222	73404	75032	25610	18532	08302	81820	87072	
302	73316	81021	27311	754//	08712	81613	87620	
334	73307	70022	25511	6547/	08604	83613	86616	
318	83113	68602	25711	7543/	09706	85616	87625	
204	73312	82022	27410	763//	08502	82709	87710	
131	73521	81022	27109	5851/	09606	81825	85630	87460
162	52804	83012	26109	38502	05207	82820	85074	
135	53409	82012	27110	18442	05308	81815	83362	85075
140	72606	84022	26710	11442	07307	81816	83360	87075
171	73606	86032	26010	15678	03306	81640	86464	87272
091	73111	65258	25107	723/2	05306	81707	87818	
005	83318	58258	22607	882//	06211	85705	88623	
075	73514	80022	26607	784//	03211	83818	87630	
010	83420	70032	26907	855//	02208	88625		
049	83413	74032	28207	55507	03308	85620	88275	
026	73606	82032	29508	31448	05206	83818	87272	
022	73510	80021	29509	15436	06500	81618	87270	
100	73515	81015	28810	35446	08303	81712	87272	
917	83415	70506	28810	863//	08506	83709	88711	
980	73519	84206	29611	754//	08602	82713	87621	
976	73606	78012	31511	764//	09604	85717	86638	
965	83505	81022	29611	856//	08712	88633		
969	83111	84022	28810	855//	07710	84620	87630	
962	80206	83022	30811	864//	07606	87718	86624	
952	13210	65011	29710	15400	07509	81717		
953	10000	84020	29909	15500	08501	81625		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00080	03	+	+
862	97091	07	jf	d_o
797	00110	09	+	+
776	00100	07	+	+
775	00090	05	+	+
772	00100	04	+	+
586	00080	06	+	+
590	00080	07	+	+
497				
502	00100	08	+	+
628	00110	06	+	+
715	00080	04	+	+
703	00100	09		
827	00110	08	+	+
817	00100	06	+	+
804	00120	09	+	+
809	00090	07	+	+
894	00110	06	+	+
534	00100	10	+	+
559	00080	05	+	+
462	00080	06	+	+
354	00080	05	+	+
414	91101	09	+	$d_od_o-r_o$
360	00080	05	+	+
396			+	+
257	00090	08	+	+
262	00090	09	+	+
222	00090	07	+	+
302	00110	08	+	+
334	00100	08	+	+
318	97110	09	+	r_o
204	00100	09	+	+
131	00090			
162	00081	05	+	+
135	00090	08	+	+
140	00090	06	+	+
171	00080	02	+	+
091	01061	05	pr_o	pr_o
005	93050	03	pr_o	pr_o
075	97061	03	+	pr_o
010	00050	06		
049	00060	05	+	+
026	00051	02	+	+
022	91081	06	r_o	+
100	97090	08	id_o	+
917	97090	08	$d_o-d_or_o$	d_o
980	9210	09		
976	9110	09		
965	0010	09		
969	0010	09		
962	9710	08		
952	0009	07		
953	9708	02		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	12001	72911	98026	15108	78500	00230	/////	/////	05204	10890	3//04	19/06
	99570	70200	12004	92011	93515	30411	9////	61801	89/00	/////	0//11	11090	30402	26004
	99648	10031	12004	70120	98021	13708	78400	71237	82815	87620	0//06	10914	30403	31705
	99470	70172	12004	80913	97022	27714	885//	00806	82720	87640	0//12	11410	30602	34903

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_vsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	12061	53012	98021	18706	58500	00217	/////	/////	05402	10898	30705	/////
	99569	70205	12064	71715	98015	27411	754//	00616	81710	87625	0//10	11084	30403	25004
	99654	10023	12064	83421	98022	18907	854//	71221	85710	88625	0//05	10902	30503	29806
	99470	70169	12064	70914	97012	26313	785//	00710	81830	87640	0//12	11408	30703	/////

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42572

Date of Issue TUESDAY 13 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 12 June 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	70309	74012	24413	784//	07201	84818	87628	
Hurn	862	70211	70025	23915	745//	09705	82626	87630	
Manston	797	73615	70012	23614	58431	07308	83818	84650	86360
Gatwick	776	80209	66022	23914	885//	07003	83820	88645	
Kew	775	80207	72022	24213	855//	07204	86625	88650	
Heathrow	772	80207	67022	24214	855//	07103	85624	88650	
Honington	586	73518	82032	24411	785/8	02206	83825	86633	
Wattisham	590	73621	80012	24011	6851/	04209	83828	84640	87467
Gorleston									
Aberporth	502	73416	83012	26312	48402	08611	83818	87072	
Filton	628	70410	70012	25213	785//	09604	85828	87635	
Rhoose	715	70108	70022	25115	68532	08609	83824	83628	
Hartland Point	703	70116	82022	26012	784//	09604	81818	87630	
Mount Batten	827	71908	75021	24517	784/2	11607	81818	87625	
St.Mawgan	817	73615	82021	26013	754//	10806	87611		
Scilly	804	70315	70021	26715	755//	09501	87625		
Culdrose	809	50315	75051	25415	48401	09703	81818	84625	
Guernsey	894	70113	72021	24213	784//	07704	84815	87628	
Elmdon	534	73508	72022	24415	58538	08804	84824	87275	
Cardington	559	70110	70012	24514	5857/	08000	82825	84635	87360
Wittering	462	70212	81022	24912	486/8	05102	83830	87275	
Watnall	354	70412	75012	25413	6857/	05102	82820	85628	87360
Shawbury	414	73609	75036	25015	785//	10704	83820	87640	
Finningley	360	73415	80032	25412	48608	03004	84834	87270	
Spurn Point	396	83527	66258	24911	855//	05208	88620		
Leeming	257	70114	75012	26311	786//	03108	82830	87642	
Tynemouth	262	73524	69028	26209	4367/	05206	84930	87358	
Carlisle	222	80309	84022	26413	2567/	04101	82632	88468	
Valley	302	83418	82022	27013	5247/	08801	85811	88360	
Ringway	334	73610	81022	24715	22636	03703	82835	87275	
Squires Gate	318	83012	84036	25715	3857/	10802	82822	88468	
Ronaldsway	204	73515	82012	26513	12442	07001	81714	87075	
Mull of Galloway	131	80215	83022	26613	20947	09707	82359	88270	
Eskdalemuir	162	83513	85022	26511	1157/	01102	81824	88465	
Prestwick	135	83212	84022	27014	28577	05000	82828	83365	88272
Abbotsinch	140	70307	86012	27115	18532	01400	81825	87070	
Leuchars	171	73404	86022	26813	38678	02101	81830	83640	87270
Dyce	091	73517	82028	26509	784//	04105	81817	87622	
Lerwick	005	83318	68218	24809	883//	06206	81708	85815	88622
Wick	075	73317	81028	28109	784//	04304	83818	84625	87635
Sule Skerry	010	83420	80032	28609	855//	07203	88625		
Cape Wrath	049	63605	80012	29709	32536	06204	83820	84360	86270
Stornoway	026	60507	84031	29711	11505	06702	81825	86072	
Benbecula	022	73611	83032	29813	11536	07501	81825	83365	87270
Tiree	100	73614	86012	29011	18448	09701	81818	87275	
Aldergrove	917	73615	82025	27615	11632	07710	81830	87075	
Malin	980	63512	82012	29712	38448	08803	81714	85270	
Belmullet	976	70211	75215	30513	663/2	11708	82709	85715	
Birr	965	73608	84032	28615	785//	09709	83824	87635	
Dublin	969	73412	84012	27315	785//	10811	84625	86632	
Shannon	962	63609	87032	28617	31502	10714	83828	85075	
Roches Point	952	11507	82021	28114	11502	09808	81821		
Valentia	953	10707	84020	28217	15601	11812	81630		

OBSERVATIONS at 18h. 12 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	80508	75022	23614	6562/	05603	86632	88465	
862	80603	62032	23115	6851/	09607	81825	86645	88464
797	73513	86022	23311	784//	05501	81816	87640	
776	60512	75012	23613	48601	03400	82834	83638	85075
775	50210	81022	24013	38602	04302	82830	83075	
772	60212	80012	23913	58601	05101	81830	83636	
586	73413	86028	24311	785//	04501	82822	87640	
590	70115	82028	24010	785//	04602	83824	87632	
497	73515	66028	23111	735//	06400	87925		
502	73507	75032	25311	4157/	10604	84820	86362	87467
628	80908	65032	23715	3861/	09605	81835	83645	88467
715	82804	80012	23714	1857/	09506	81825	88460	
703	53612	81012	24312	20936	10607	82360	85075	
827	72306	64052	23314	48642	10505	82830	83645	88080
817	63515	82022	23913	18402	09610	81816	85075	
804	60317	75012	24413	45572	09713	84620	83075	
809	60214	65051	23415	38502	09708	81820	86070	
894	50313	63012	22414	28402	08709	81818	85075	
534	70410	68022	25212	785//	04201	82828	87635	
559	60113	67032	24512	48601	06002	81835	83640	
462	73610	82258	25410	786//	04002	85830	87645	
354	60111	75022	26111	48532	04102	82825	83630	85075
414	70807	72022	24914	48532	08501	83825	87075	
360	83511	89032	26111	885//	03201	82825	88630	
396	63518	66018	25211	4857/	06101	83820	84625	86360
257	73611	82022	26610	756//	03001	87632		
262	73517	80022	26609	2567/	06603	82630	87358	
222	70706	82012	26114	15601	05806	81635	87078	
302	70108	82022	26113	11472	07607	81815	83365	87070
334	40613	75011	25613	24648	02202	82640		
318	70408	83022	25715	21548	05602	82827	87272	
204	73508	75022	26014	11636	06603	81835	87075	
131	73415	84012	26114	15641	09602	81635	83360	87075
162	70506	82022	26112	18538	04705	81825	87272	
135	73010	85022	26313	15652	06807	81635	84365	87073
140	70306	88022	25916	18641	03611	81838	86365	
171	81211	84032	26611	45637	05806	84635	88270	
091	83412	81022	26809	854//	04803	81615	88620	
005	83416	70022	25408	854//	06802	84710	88620	
075	73314	80022	28009	58532	04806	84820	83360	86072
010	83412	81022	28409	35532	05807	83625	85360	88070
049	73605	80022	29109	32531	05710	83820	84360	87075
026	60208	84022	29411	11532	05807	81828	83364	85072
022	73613	83022	29211	15531	05706	81626	84362	86070
100	63512	88012	28112	10949	07709	81360	86172	
917	63612	80012	27212	30932	03807	83360	86075	
980	70117	82022	28611	11436	07710	81818	84359	87270
976	70114	80205	28913	764//	10710	82714	86718	
965	70407	82022	26716	35606	09608	83633	87270	
969	80605	82022	26812	15677	06803	81630	86460	88270
962	70106	88022	26517	55502	11717	81625	85633	
952	71703	80021	26214	785/2	10710	81820	87642	87074
953	40508	84030	25618	14502	13712	81620	83070	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00140	009	+	+
862	00170	020	+	+
797	97140	012	+	pr.
776	00150	036	+	+
775	00150	034	+	+
772	00160	022	+	+
586	97130	006	pr.	+
590	97130	002	pr.	+
497		029		
502	00130	010	+	+
628	00170	006	+	+
715	00160	032	+	+
703	00130	043		
827	00170	089	+	+
817	00150	074	+	+
804	00150	029	+	+
809	00160	113	+	+
894	00150	076	+	+
534	00150	011	+	+
559	00150	030	+	+
462	97140	016	+	pr.
354	00140	029	+	+
414	00150	011	+	+
360	00140	023	+	+
396			pr.	+
257	00120	000	+	+
262	97110	009	pr.	+
222	00150	054	+	+
302	00140	022	+	+
334	00160	056	+	+
318	00160	076	+	+
204	00160	063	+	+
131	00150			
162	00131	052	+	+
135	00150	054	+	+
140	00170	039	+	+
171	00130	033	+	+
091	00110	015	+	+
005	97091	000	pr.id.	id.
075	97101	007	pr.	+
010	00100			
049	00100	056	+	+
026	00130	104	+	+
022	00141	072	+	+
100	00130	055	+	+
917	00160	063	+	+
980	0013	058		
976	9715	028		
965	0018	032		
969	0016	009		
962	0018	039		
952	0015	101		
953	0020	152		

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

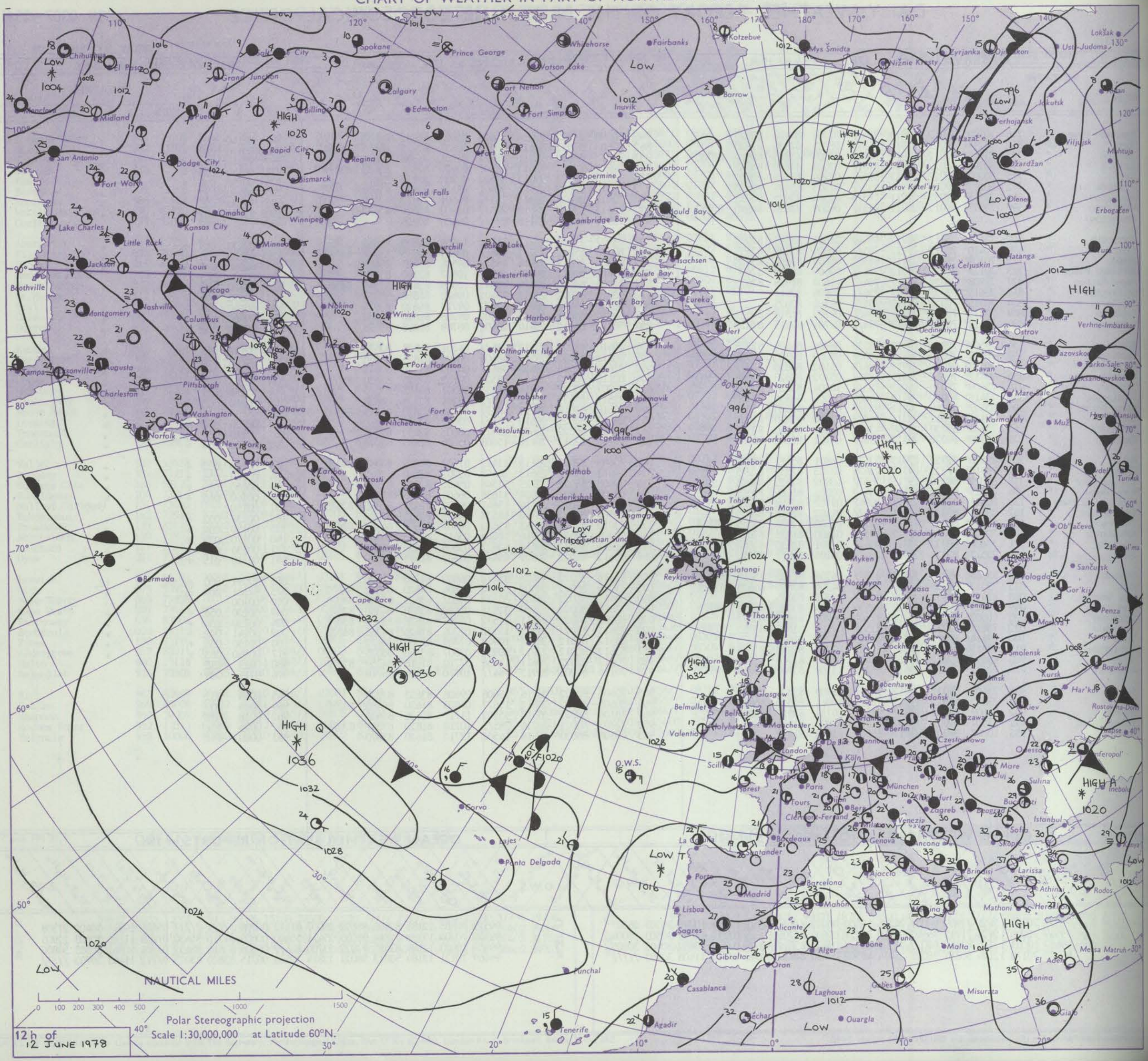
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	12121	72909	98028	24206	78500	00222	/////	/////	05451	10898	30503	26207
	99569	70205	12124	71715	96502	26610	752//	00604	84705	87625	0//10	11088	30503	25004
	99657	10021	12124	83417	98022	21907	884//	00107	85812	88625	0//05	10882	30403	30805
	99470	70170	12124	50814	98021	25014	48502	00610	82830	83640	0//12	11408	30703	/////

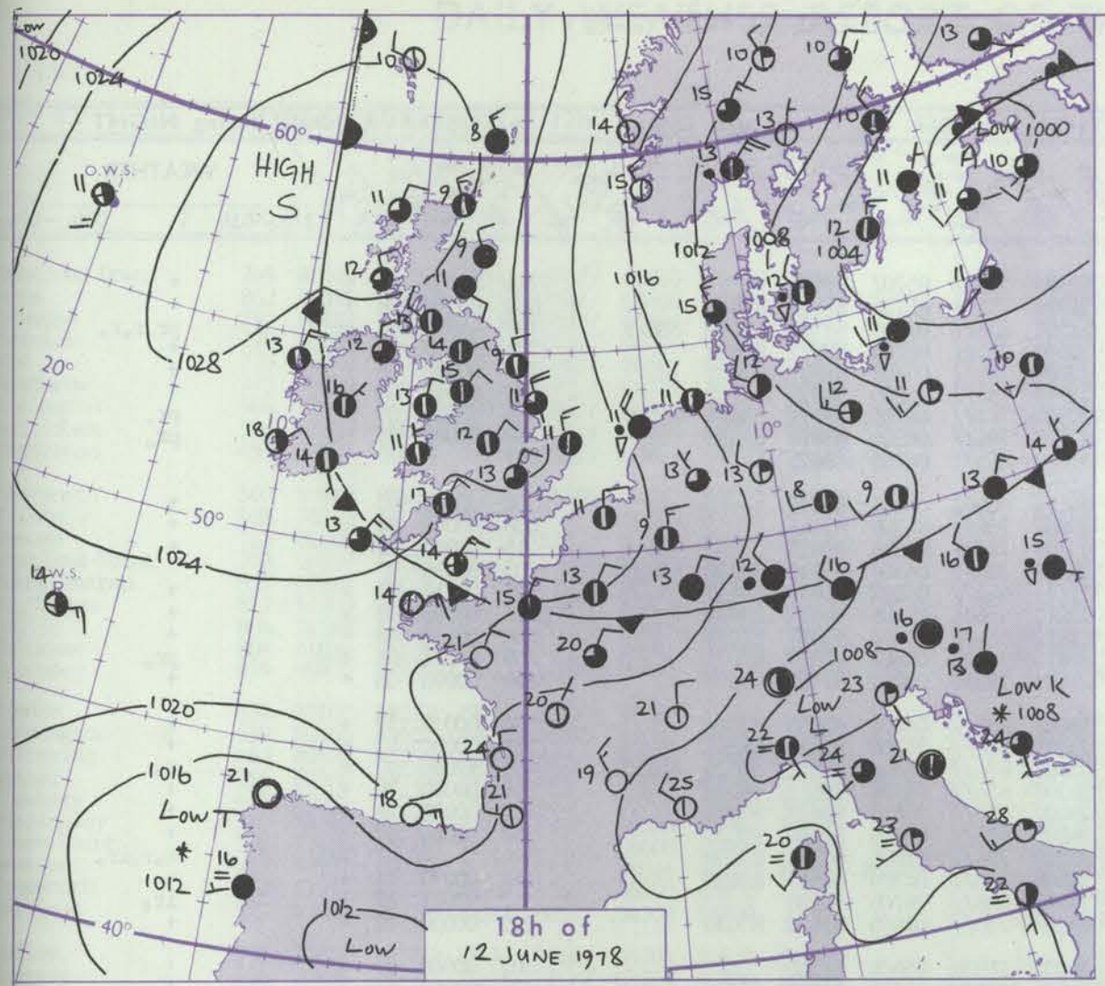
OCEAN WEATHER STATION REPORTS at 18h.

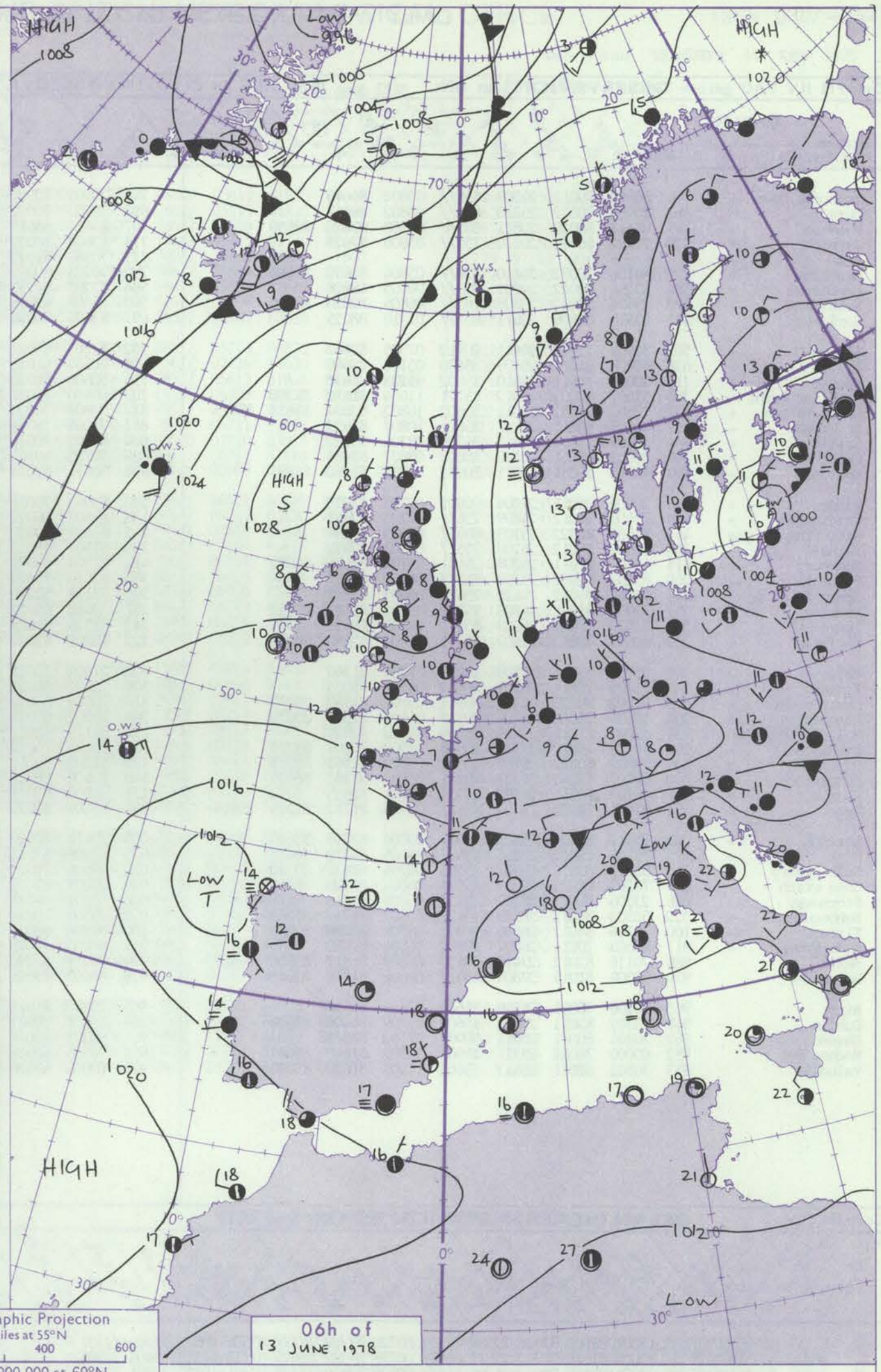
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	12181	82606	98022	26007	8157/	00000	/////	/////	05401	10912	30402	27308
	99570	70204	12184	51814	98035	25411	55400	00606	81710	85630	0//10	11105	30403	22905
	99657	10023	12184	83415	97022	23706	884//	00306	83815	88632	0//01	10867	30503	30804
	99469	70171	12184	50813	98021	22814	32502	00715	83820	83073	0//12	11443	30703	/////

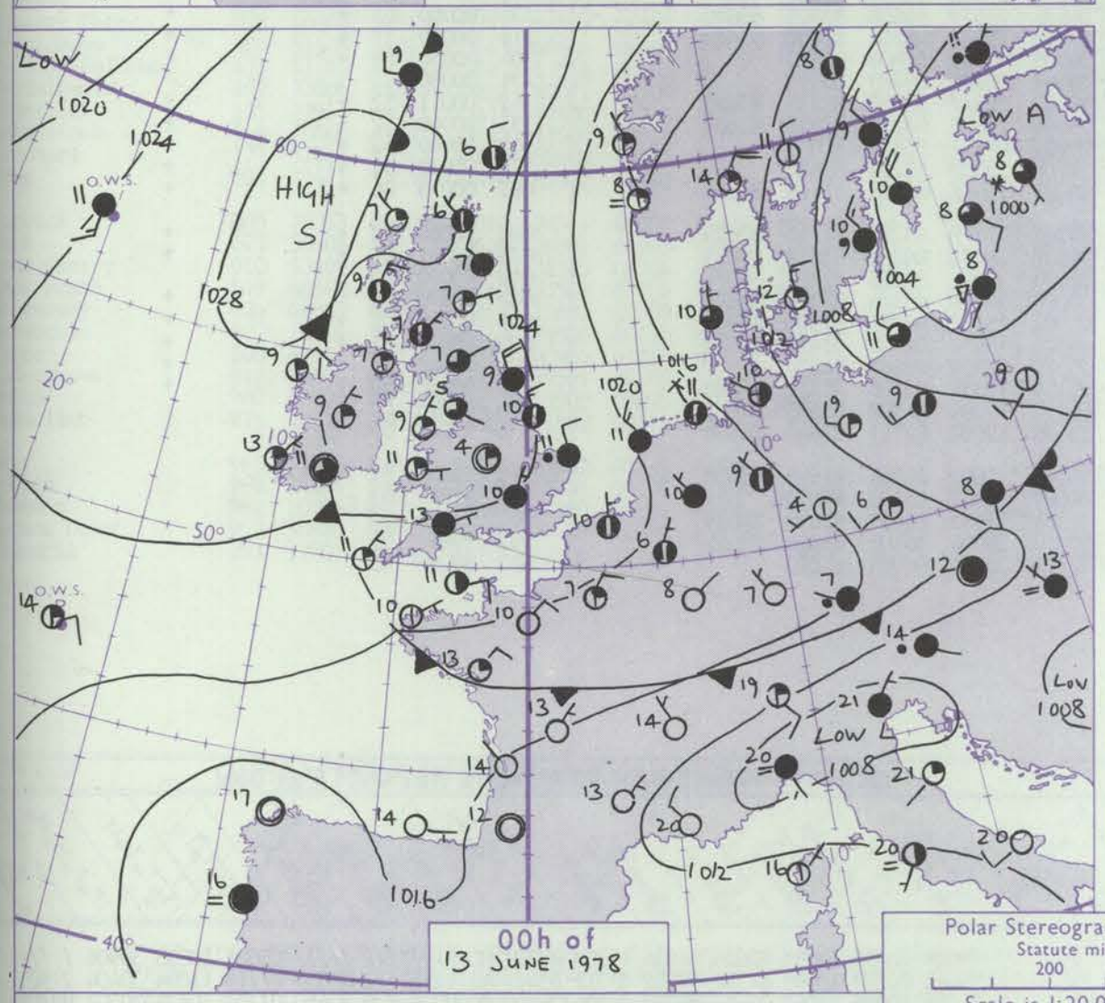
All times of observation printed in this publication are GREENWICH MEAN TIME.

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 13 JUNE 1978

During the past 24 hours an anticyclone to the west of Scotland has drifted slowly east. A weak trough of low pressure from East Anglia to Northern Ireland moved south and west, clearing all districts.

During the next 24 hours the main anticyclonic centre will transfer to north of Shetland, leaving a centre to the west of Scotland and a ridge extending to central Europe.

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

Code FM 11.V **OBSERVATIONS at 00h.** 13 June 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	60508	70012	24509	656//	03802	86640		
Hurn	862	60404	70012	23710	656//	05802	86643		
Manston	797	83613	84028	22811	885//	06808	83820	88650	
Gatwick	776	70204	65022	24110	755//	05806	87628		
Kew									
Heathrow	772	80106	70032	24110	856//	05806	81630	88640	
Honington	586	83206	80022	24009	855//	06805	88628		
Wattisham	590	73408	80032	23808	785//	06806	82820	87626	
Gorleston	497	83510	66606	22611	855//	07710	88625		
Aberporth	502	30905	75011	24611	20912	07505	82467		
Filton	628	40808	65011	25109	35630	05103	83645		
Rhoose	715	20809	70011	24510	15602	05203	81630		
Hartland Point	703	53607	82022	23512	15771	11604	81650	84360	
Mount Batten	827	70802	60052	23011	55602	10802	82632	85638	85075
St.Mawgan	817	40505	80011	23111	35601	10807	83630		
Scilly	804	30307	75011	23311	35500	09706	83620		
Culdrose	809	30803	65051	23110	35600	08807	83635		
Guernsey	894	40811	59051	22811	10932	07801	81360	84075	
Elmdon	534	30000	70011	25904	00902	02703	83075		
Cardington	559	73606	75012	24809	756//	07703	87641		
Wittering	462	83506	82022	25109	856//	05805	88634		
Watnall	354	73606	65012	26108	755//	04703	87622		
Shawbury	414	40302	67011	26208	25601	05103	82635	84075	
Finningley	360	83207	81032	25509	855//	04705	88627		
Spurn Point	396	73414	74012	24410	756//	06805	87635		
Leeming	257	72905	82031	26008	755/2	05802	83622	87632	
Tynemouth	262	83620	81022	26009	855//	06703	88624		
Carlisle	222	60602	80012	26407	25731	05002	82650	86078	
Valley	302	20206	81011	25509	10931	07704	81360		
Ringway	334	51702	70011	26208	00902	04701	85075		
Squires Gate	318	61002	80022	26305	10942	03601	81362	86075	
Ronaldsway	204	50604	75012	25706	20932	04604	82360	85075	
Mull of Galloway	131	20000	81011	26409	22500	06400	82825		
Eskdalemuir	162	50000	75012	27503	20938	01000	82364	85275	
Prestwick	135	70607	80022	26107	10942	07102	81365	87075	
Abbotsinch	140	60507	62042	26707	10941	05107	81362	86075	
Leuchars	171	30707	80011	26707	15532	03801	81625		
Dyce	091	83211	75022	26407	854//	03803	81712	83714	87616
Lerwick	005	73412	80025	25606	754//	03000	82710	87625	
Wick	075	73104	81022	27806	784//	04705	84818	86632	
Sule Skerry	010	53512	82012	27907	15505	04704	81625	85275	
Cape Wrath	049	70203	84022	28607	32535	04804	83820	86360	
Stornoway	026	23204	80011	28707	15432	06708	81616		
Benbecula	022	50303	84012	28306	1543/	05807	81712	85365	
Tiree	100	70116	87012	26809	7097/	05708	85359	87362	
Aldergrove	917	33603	70011	26807	20932	06804	82360		
Malin	980	70116	82012	27010	38438	07809	81817	83656	87359
Belmullet	976	50308	81015	27809	554//	08606	81718	85640	
Birr	965	30206	75011	26209	35600	07803	83634		
Dublin	969	33302	82011	25908	15602	05709	81648	83070	
Shannon	962	10104	80011	26011	00901	09702	81075		
Roches Point	952	60000	70022	25311	15601	10807	81640	86074	
Valentia	953	30503	82011	25413	15602	11000	81630	83070	

OBSERVATIONS at 06h. 13 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	70205	72022	22908	755//	05707	87628		
862	70203	70022	22709	756//	06704	81635	87640	
797	83611	58618	21509	853//	07805	82708	85612	88645
776	83604	80022	22510	885//	06706	82822	88634	
775	70308	81022	22709	785//	05707	81825	87635	
772	70208	80022	22710	785//	05805	81825	87635	
586	73207	80252	22509	784//	06706	83711	84814	86630
590	73308	82018	22309	784//	06804	83814	87626	
497	83406	66026	21410	855//	06703	88625		
502	31107	65011	24110	00902	04301	83075		
628	70504	61051	23807	756//	04707	87645		
715	20606	68020	23708	18501	04604	81825		
703	60910	74031	22809	22681	04301	82830	83360	85075
827	70808	70022	22111	6557/	07802	81625	86635	
817	71008	58031	22010	45631	09604	84632	84075	
804	60706	70021	21612	38472	11607	82817	85075	
809	70705	40101	21810	58502	09603	83820	87072	
894	60411	81021	21410	25332	03802	81709	85075	
534	83603	70031	24008	855//	04607	81620	88626	
559	83607	70022	23209	856//	05604	82635	88645	
462	83409	80022	23408	884//	05806	81816	84626	88632
354	83507	65032	24308	854//	05706	82615	88623	
414	83503	65031	24007	855//	05813	86626	88635	
360	83510	70022	24009	855//	06705	81620	88630	
396	73114	50216	22809	754//	07805	84715	87630	
257	73610	65022	24508	754//	04505	83615	87622	
262	83520	80606	24608	856//	06705	88630		
222	70202	82022	25208	755//	06605	81622	87635	
302	21002	75011	24209	10931	05604	81360		
334	72402	60022	24608	755//	05608	83625	86640	
318	70502	65022	25008	756//	06708	81630	87640	
204	10302	65011	24409	00902	07804	81075		
131	31115	80011	24509	00901	09709	83072		
162	70105	75031	25707	785//	03705	82820	87635	
135	51202	80011	25406	15641	04704	81640	85080	
140	70605	80022	25607	00901	05805	87080		
171	50000	82011	25908	55500	03703	85625		
091	73209	82022	25007	754//	04607	81618	87622	
005	73411	80022	24507	754//	03707	81710	87625	
075	63508	83021	26507	28402	04804	82818	85075	
010	43605	82011	26608	31502	06605	83820	84075	
049	40203	84021	27008	32501	05706	83820	84075	
026	30105	84011	27008	15532	07706	81620	83072	
022	70508	85031	26709	15402	07705	81617	87072	
100	60508	88032	25510	00902	06602	86072		
917	60000	70021	25106	16331	05708	81706	86080	
980	70209	88022	25110	15702	06709	81650	87075	
976	40403	83021	25408	15602	07711	81640	84070	
965	70202	81011	24907	15602	06705	81635	87070	
969	52701	80031	24607	00902	05702	85070		
962	50205	80031	23908	15632	06807	81630	84075	
952	70506	60031	23510	18404	09705	81814	87074	
953	10000	82020	23310	00902	09703	81070		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00050	01	+	+
862	00060	04	+	+
797	94090	08	pr$_o$	pr$_o$r$_o$r$_o$
776	00090	08	+	+
775	00090	08	+	+
772	00090	09	+	+
586	93081	08	+	pr$_o$
590	97080	05	pr$_o$	pr$_o$
497				
502	00070	05	+	+
628	00060	04	+	+
715	00060	02	+	+
703	00090	07		
827	00110	07	+	+
817	00090	05	+	+
804	00110	08	+	+
809	97071	04	+	pr$_o$
894	00090	06	+	+
534	00020	53	+	+
559	00080	07	+	+
462	97080	07	+	r$_o$
354	00080	06	+	+
414	00030	54	+	+
360	00080	07	+	+
396			ir$_o$	r$_o$r$_o$ir$_o$
257	00070	05	+	+
262	97071	07	+	ir$_o$
222	00050	01	+	+
302	00060	01	+	+
334	00060	03	+	+
318	00050	51	+	+
204	00050	02	+	+
131	00080			
162	00011	52	+	+
135	00040	52	+	+
140	00040	52	+	+
171	00030	51	+	+
091	00070	06	+	+
005	00060	05	+	+
075	00031	00	+	+
010	00070	05		
049	00070	04	+	+
026	00040	01	+	+
022	00040	52	+	+
100	00060	03	+	+
917	00050	50	+	+
980	0009	07		
976	9706	03		
965	9705	02		
969	9705	03		
962	9707	02		
952	9709	05		
953	9709	05		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13001	81908	97618	22306	8732/	00720	/////	/////	05504	10885	3//03	///07
L	99571	70204	13004	81816	98022	23811	853//	00708	84709	88625	0//10	11112	30403	22905
M	99656	10024	13004	83508	98032	24306	856//	00500	88630	/////	0//01	10883	30301	30803
R	99469	70172	13004	30612	98011	22013	35500	00803	83640	/////	0//11	11419	30703	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13061	82014	97616	13308	8732/	00751	/////	/////	05006	10853	30906	/////
L	99569	70203	13064	81718	97602	21711	854//	41712	81712	88625	0//10	11094	30404	21905
M	99656	10025	13064	73017	98022	24306	78500	00400	81820	87650	0//02	10874	30201	99/03
R	99469	70170	13064	70313	98031	19513	784//	11808	86813	/////	0//12	11439	30000	09703

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. 42573

Date of Issue WEDNESDAY 14 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 13 June 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	80509	84032	22111	885//	02705	84826	88640	
Hurn	862	70408	80032	21712	784//	03606	81818	84628	87645
Manston	797	60109	86018	21114	685//	07801	81820	86645	
Gatwick	776	80208	80032	21612	886//	04707	84830	88640	
Kew	775	80308	81252	22011	886//	06603	82830	84640	88656
Heathrow	772	70208	80022	21911	785//	06705	86825	87645	
Honington	586	83509	84258	22012	884//	05801	82818	83635	88650
Wattisham	590	83609	86028	21612	885//	05803	83822	88635	
Gorleston	497	83615	66028	21111	855//	07802	88625		
Aberporth	502	50510	80021	22615	58600	04808	82832	83650	
Filton	628	70507	68022	22911	756//	06704	83630	87645	
Rhoose	715	80706	67021	22711	885//	04703	81826	88638	
Hartland Point	703	20510	66051	22013	12640	07603	81830		
Mount Batten	827	40810	80021	21014	41600	06806	84835		
St.Mawgan	817	61808	80011	21412	624//	08602	86817		
Scilly	804	71109	66022	21316	784//	09400	82818	86622	
Culdrose	809	41010	64058	21314	48500	06804	82820	83630	
Guernsey	894	60616	82022	20313	685//	04603	81825	86645	
Elmdon	534	80105	68022	23210	884//	05707	83816	88630	
Cardington	559	80106	82022	22411	885//	07703	84828	84635	88645
Wittering	462	80108	81256	22611	885//	05804	83824	88640	
Watnall	354	80108	62022	23511	884//	06802	82815	88640	
Shawbury	414	80206	70022	23411	885//	05705	83822	88645	
Finningley	360	83310	80028	23211	884//	05804	84817	88640	
Spurn Point	396	73620	68016	22712	785//	06000	83820	87630	
Leeming	257	80107	68022	24110	885//	05001	82820	86626	88640
Tynemouth	262	83517	80026	24309	856//	05400	88630		
Carlisle	222	60204	82022	24012	685//	04709	85828		
Valley	302	72812	70031	23413	786//	05703	83830	87645	
Ringway	334	70108	70022	23611	786//	03703	82830	87640	
Squires Gate	318	60205	81012	23713	685//	06807	84827	84645	
Ronaldsway	204	51508	68011	23613	48601	06604	82830	84645	
Mull of Galloway	131	51210	80021	23612	12501	09705	81820		
Eskdalemuir	162	73606	81022	23811	626/1	02709	86830		
Prestwick	135	72911	81021	23415	11602	05711	81830	87080	
Abbotsinch	140	70408	81022	23415	11602	02715	81835	87080	
Leuchars	171	51011	83012	24611	58602	03706	82830	84640	
Dyce	091	83411	82036	24410	855//	03803	88622		
Lerwick	005	70313	80022	24010	785//	05802	81825	87628	
Wick	075	30608	89021	25410	28501	04805	82822		
Sule Skerry	010	53409	86021	25712	31575	06704	83820	85275	
Cape Wrath	049	40502	82030	26010	22548	07704	82820	83360	
Stornoway	026	40609	86021	25811	15632	06709	81630	83075	
Benbecula	022	70614	88022	24613	15502	05712	81626	87072	
Tiree	100	40113	86021	23713	00902	07710	84075		
Aldergrove	917	50106	80022	22915	38501	08709	82825	83080	
Malin	980	60209	86032	23812	12502	09805	81820	86072	
Belmullet	976	20313	85030	23215	11532	09711	81820		
Birr	965	21608	83031	22317	22502	03716	82824		
Dublin	969	31006	81031	22615	12531	09708	81824		
Shannon	962	10906	86011	21916	11500	08614	81826		
Roches Point	952	30810	58051	22116	31400	11805	83818		
Valentia	953	12707	84010	21217	11501	10710	81828		

OBSERVATIONS at 18h. 13 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	40605	80011	19912	48500	05612	81825	84645	
862	70605	70012	19314	786//	05515	81835	87645	
797	70308	84022	20012	784//	07610	81818	87645	
776	70507	75022	19613	786//	05715	81830	87645	
775	70407	80022	19713	786//	05715	82830	87640	
772	70310	75022	19614	786//	06615	82830	87648	
586	80110	86032	20411	884//	05607	82819	88640	
590	80110	84022	20212	884//	06608	82818	88640	
497	83612	66022	20311	855//	07704	88625		
502	80406	68032	20513	886//	05712	84832	88650	
628	70606	75012	20612	756//	07714	83630	86645	
715	70406	66032	20411	785//	06613	81825	84636	87645
703	60515	64051	19911	1155/	06709	81820	86360	
827	70910	70021	19213	786//	05608	82830	86642	
817	71610	82022	19412	784//	06711	82818	87630	
804	60908	80012	19614	68400	07710	83818	86625	
809	81008	65051	19512	884//	04711	81818	87640	
894	70615	82022	18511	785//	05608	81822	83632	87645
534	80406	64032	21211	856//	06511	84635	88640	
559	80106	80022	20611	886//	09712	82830	88645	
462	80108	75028	21210	885//	07610	84820	88640	
354	80105	65258	21811	884//	07609	85818	88630	
414	70505	70022	21012	786//	06514	81830	87650	
360	80308	84802	21811	884//	06608	84818	88635	
396	80112	64158	21510	885//	08706	83820	88640	
257	80602	70022	22209	884//	05712	85816	88626	
262	70507	81022	22509	7097/	06714	87358		
222	21106	83011	21313	28501	05712	81828		
302	10708	70011	20915	11602	03714	81835		
334	70804	62021	21113	786//	04616	84830	87640	
318	73105	70012	21612	745//	07611	84625	87640	
204	32203	75021	21312	12501	06717	81825	83075	
131	60000	80022	21512	12531	09717	81820	86075	
162	10708	83011	21212	12601	03714	81830		
135	32512	75021	21014	12602	06711	81830	83080	
140	41306	82021	20416	24601	03716	81840		
171	20810	82021	22710	25500	03709	82826		
091	70206	89032	22410	755//	04609	87622		
005	60112	80031	22609	656//	04708	86635		
075	10807	89010	23510	18501	04710	81825		
010	30107	86011	23211	11508	06713	81820	83275	
049	40907	84030	23409	11501	07712	81820	83070	
026	30513	89010	22210	00901	07720	83075		
022	60810	89032	21213	00902	06718	86070		
100	63507	89021	20513	15602	06719	81630	86075	
917	31508	70011	20315	28601	08615	82830		
980	60812	86022	20511	00902	09619	86072		
976	10111	86030	19114	11532	08723	81821		
965	71705	75031	19217	785//	06718	85825	84636	
969	51210	80031	20114	18532	05716	81828	83070	
962	51712	70031	18917	58601	11617	81832	84645	
952	11109	65011	20614	15602	07712	81640		
953	72207	80031	19415	784//	10713	81819	87630	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00130	005	+	+
862	00140	005	+	+
797	00140	007	+	+
776	00130	002	+	+
775	97140	001	pr$_o$	+
772	00140	004	+	+
586	97130	001	pr$_o$	+
590	00130	001	+	+
497		004		
502	00150	077	+	+
628	00130	002	+	+
715	00120	040	+	+
703	00140	093		
827	00150	096	+	+
817	00140	033	+	+
804	00170	065	+	+
809	00140	038	+	+
894	00130	046	+	+
534	00120	001	+	+
559	00130	001	+	+
462	91120	000	pr$_o$	pr$_o$
354	97120	000	+	pr$_o$r$_o$d$_o$
414	00130	001	+	+
360	97130	000	pr$_o$	pr$_o$
396			ir$_o$	pr$_o$pr
257	00110	000	+	+
262	00100	000	+	+
222	00150	083	+	+
302	00150	111	+	+
334	00130	014	+	+
318	00140	016	+	+
204	00140	133	+	+
131	00130			
162	00130	109	+	+
135	00160	145	+	+
140	00180	138	+	+
171	00120	098	+	+
091	97110	036	r$_o$	+
005	00110	059	+	+
075	00110	146	+	+
010	00120			
049	00110	145	+	+
026	00120	152	+	+
022	00150	149	+	+
100	00150	139	+	+
917	00170	102	+	+
980	0013	142		
976	9715	137		
965	0019	113		
969	9717	147		
962	9719	115		
952	0016	110		
953	0018	109		

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

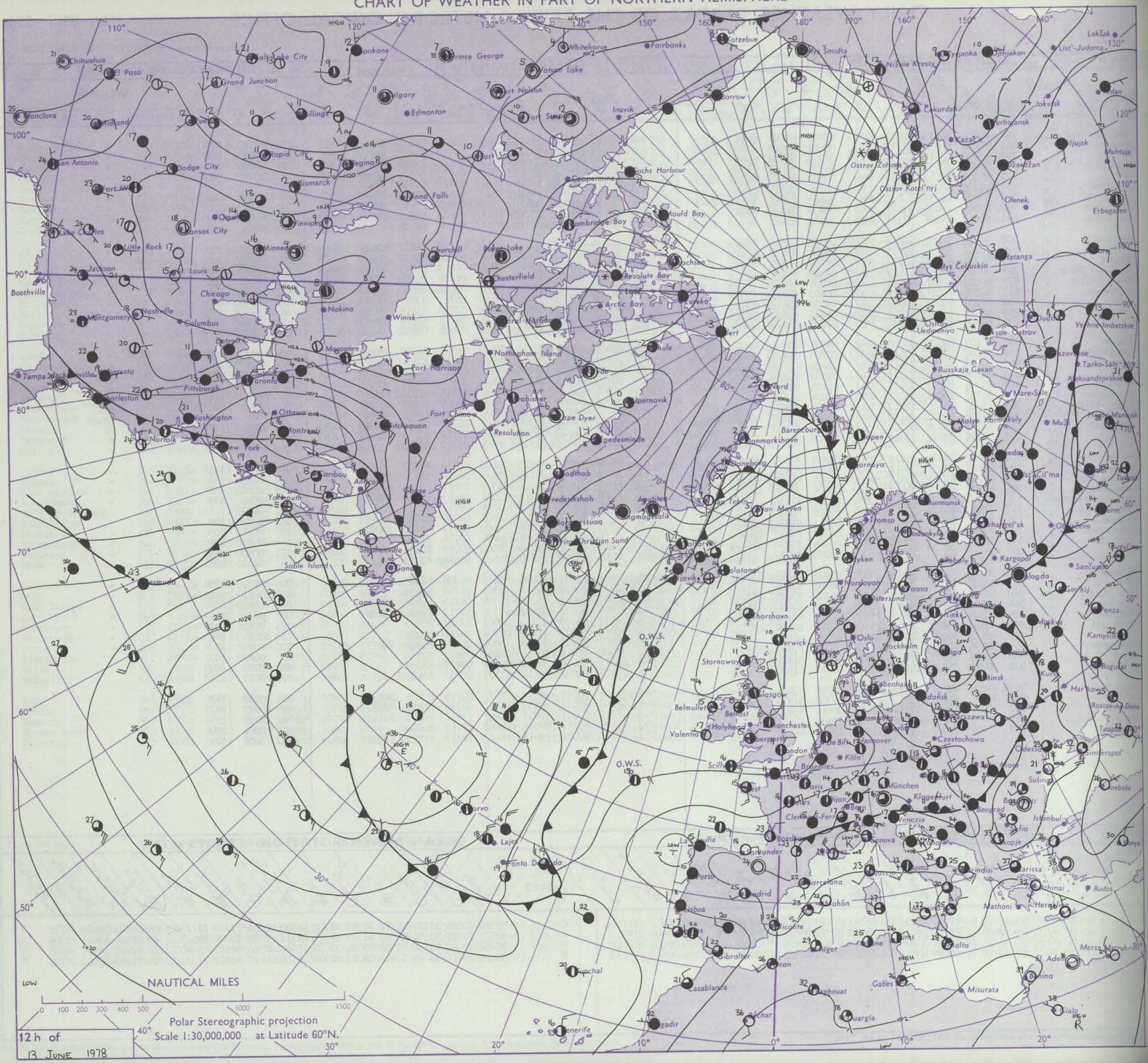
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13121	82916	97026	12907	885//	00223	/////	/////	05205	10866	30807	/////
L	99570	70204	13124	71719	97036	18011	55432	00821	85615	83360	0//10	11102	30404	21905
M	99655	10026	13124	12405	98011	24306	15530	00801	81630	/////	0//03	10929	30201	99/02
R	99470	70170	13124	70614	98022	19515	785//	00302	81826	87633	0//11	11430	30502	09703

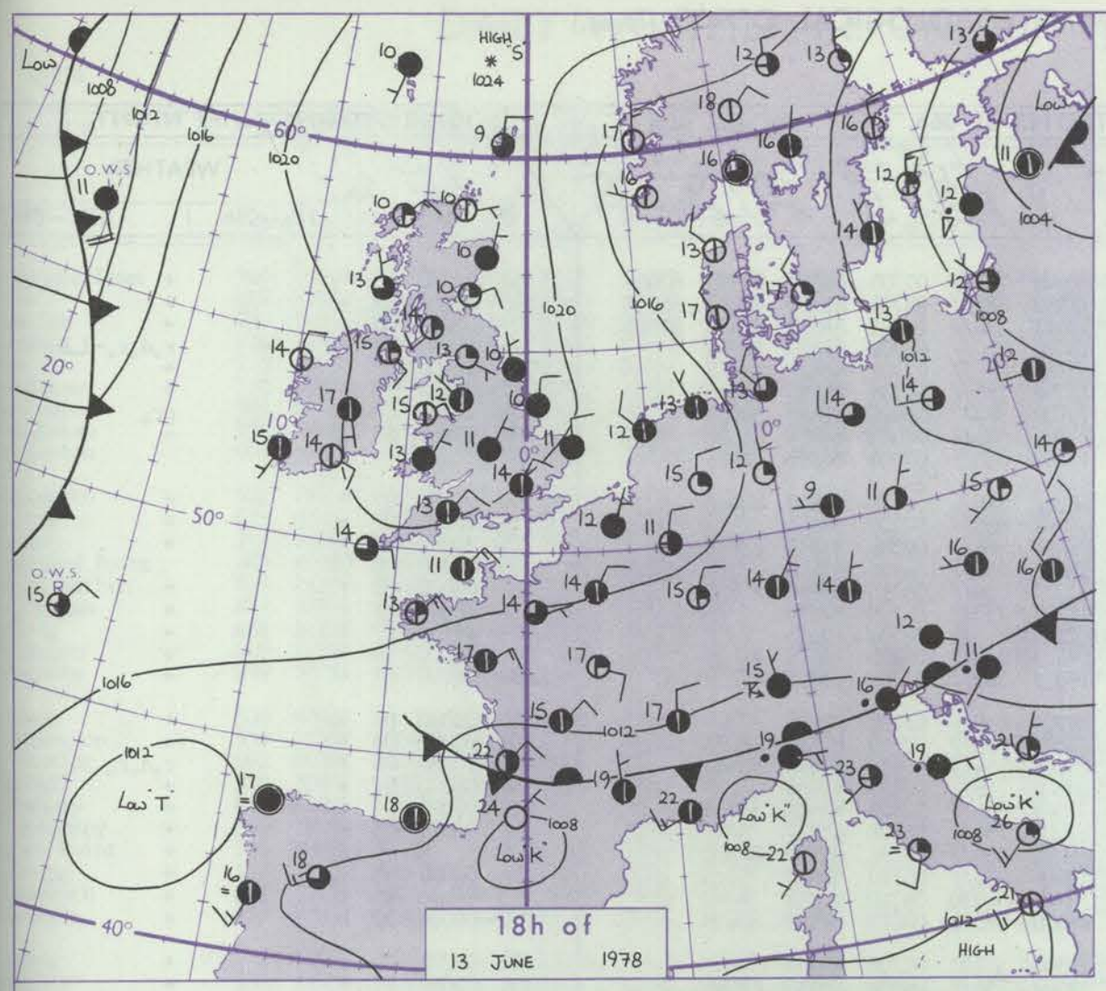
OCEAN WEATHER STATION REPORTS at 18h.

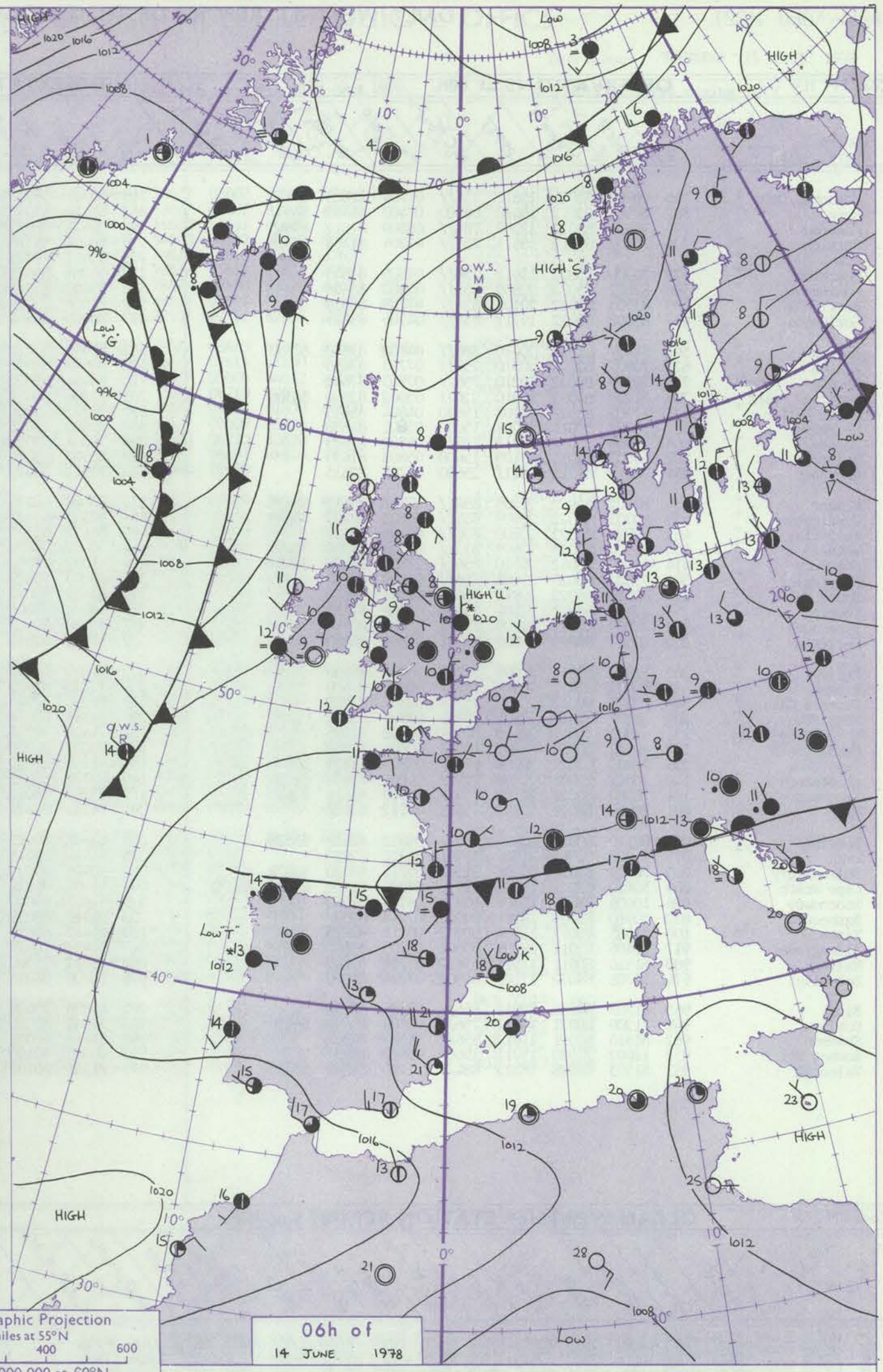
O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	13181	53116	97012	19207	58500	00236	/////	/////	05303	10870	30808	/////
L	99571	70205	13184	81622	97205	11211	853//	00739	83709	88625	0//10	11090	30605	21906
M	99654	10027	13184	62508	99031	23408	15506	00505	81630	86070	0//05	10951	30201	99/03
R	99470	70170	13184	50410	98012	18314	55500	00707	85633	/////	0//10	11445	30502	09703

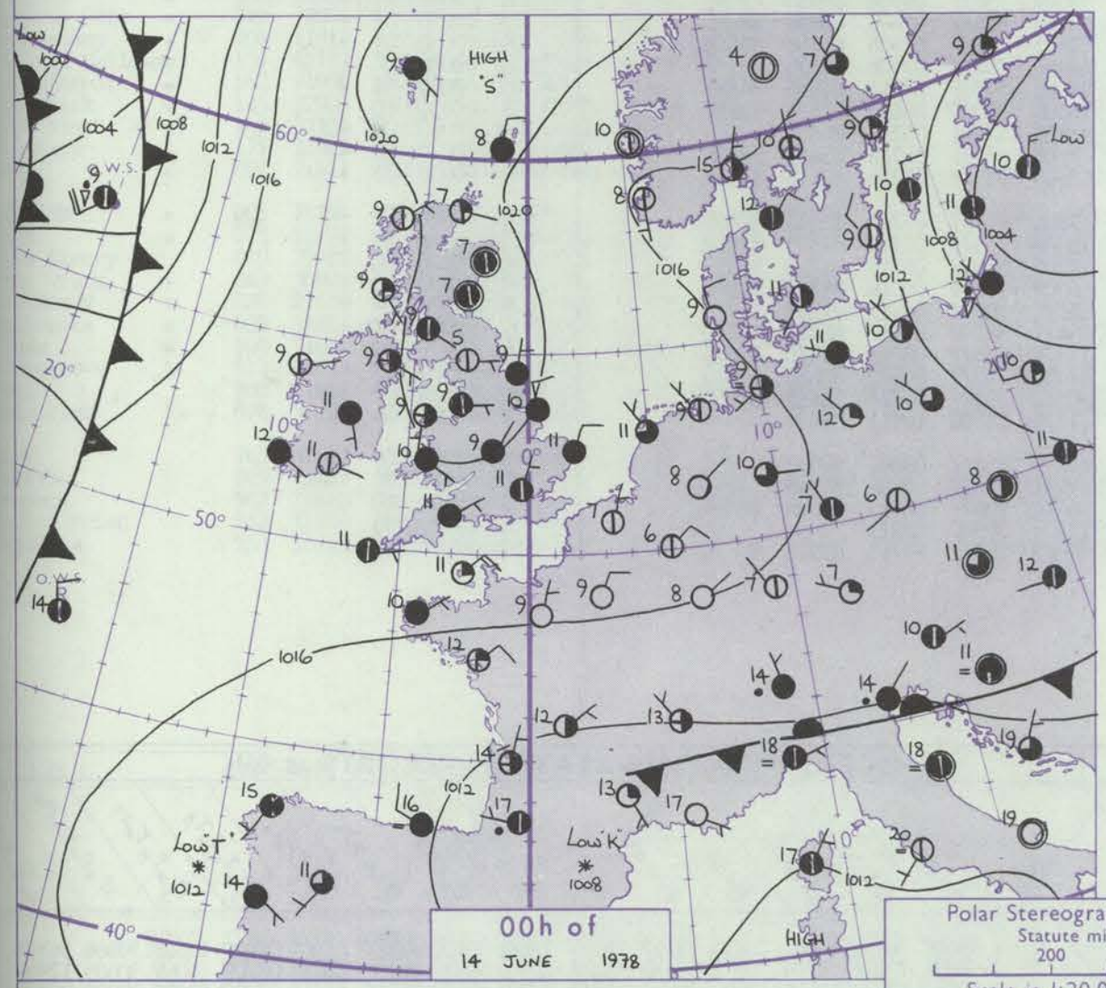
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 14 JUNE 1978

During the past 24 hours an anticyclone centred off northwest Scotland moved steadily northeastwards and a ridge of high pressure covered the British Isles.

During the next 24 hours ridge conditions will persist over most of the British Isles but a cold front within the circulation of an Icelandic low will reach Ireland and western Scotland later.

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

Code FM 11.V

OBSERVATIONS at 00h. 14 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
Boscombe Down	746	70407	70021	19810	755//	07704	81625	87634	
Hurn	862	60506	62012	19410	68500	07400	81822	86647	
Manston	797	70606	82022	19309	784//	08809	81812	87645	
Gatwick	776	70202	65012	19611	752//	07804	81704	87638	
Kew									
Heathrow	772	70206	75022	19611	756//	07805	87645		
Honington	586	83602	75032	20309	855//	07807	88626		
Wattisham	590	83505	82022	20109	856//	07705	88630		
Gorleston	497	80308	66022	19711	855//	04706	88625		
Aberporth	502	81407	66022	20410	886//	04602	82830	88650	
Filton	628	70607	62022	20310	757//	07703	87650		
Rhoose	715	70505	66022	19810	756//	07803	87642		
Hartland Point	703	61209	64052	19910	2267/	05002	82830	86360	
Mount Batten	827	11002	68021	19108	15630	04804	81635		
St.Mawgan	817	10707	80011	19209	15600	05801	81630		
Scilly	804	70806	75032	19311	755//	06802	87623		
Culdrose	809	10503	62051	19109	15600	05803	81635		
Guernsey	894	20613	81011	18211	25600	07703	82635		
Elmdon	534	80502	64022	21209	854//	07801	84612	88635	
Cardington	559	80303	70022	20409	855//	09803	84627	88640	
Wittering	462	80206	75022	20809	856//	07805	88637		
Watnall	354	80604	64028	21609	853//	07803	83708	88616	
Shawbury	414	81103	60042	20710	856//	07801	84630	88650	
Finningley	360	73002	80028	21108	756//	06809	87638		
Spurn Point	396	83510	66022	20910	856//	07707	88640		
Leeming	257	22502	65021	21404	15602	03709	81630		
Tynemouth	262	70000	81021	21709	756//	05807	87630		
Carlisle	222	10903	80020	20805	00901	03804	81080		
Valley	302	51805	60031	20209	55700	06705	85650		
Ringway	334	70902	65022	20910	757//	06804	87650		
Squires Gate	318	70905	60012	20709	757//	06807	87650		
Ronaldsway	204	30205	62021	20405	00901	03807	83075		
Mull of Galloway	131	11905	74011	20409	00901	09708	81075		
Eskdalemuir	162	20000	80030	21902	10941	00804	81365		
Prestwick	135	71402	62021	20509	6853/	07805	81825	86645	
Abbotsinch	140	70811	65031	20709	755//	04802	82625	87636	
Leuchars	171	70000	80021	21507	754//	05710	81616	87624	
Dyce	091	70000	82021	20807	755//	04712	87620		
Lerwick	005	80110	80022	20908	854//	05812	82618	88628	
Wick	075	31002	86011	21507	38501	04714	82822		
Sule Skerry	010	70109	84021	21108	31501	05715	83820	87075	
Cape Wrath	049	50910	82021	19908	11571	06824	81820	83360	85070
Stornoway	026	10606	88020	19409	10931	08718	81360		
Benbecula	022	20910	89021	18208	00902	07718	82070		
Tiree	100	31505	89011	18509	00902	08713	83075		
Aldergrove	917	51406	65011	19909	55601	06805	85640		
Malin	980	61516	80011	17911	55632	07714	85640		
Belmullet	976	10701	84020	17109	00902	07714	81070		
Birr	965	81707	64032	19011	856//	08805	88634		
Dublin	969	71206	80021	19611	756//	06706	83640	86650	
Shannon	962	81810	65021	19012	856//	08802	88635		
Roches Point	952	11002	70030	19711	15600	07807	81637		
Valentia	953	81203	68028	18512	884//	11710	81818	88630	

OBSERVATIONS at 06h. 14 June 1978

iii	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$T_d T_d$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$
746	70705	69022	18409	784//	07705	81818	84638	87645
862	80410	65032	17910	885//	08706	81822	85647	88656
797	70406	86022	18311	784//	04802	81818	84628	87640
776	80404	64516	18710	856//	08801	81630	88645	
775	80403	70022	18710	855//	07701	81625	88645	
772	70204	66022	18710	785//	07701	81820	87648	
586	83602	80025	19109	884//	06606	81818	88630	
590	83505	75022	19109	884//	07602	81814	88630	
497	80000	64616	18709	885//	07704	82820	88625	
502	81606	62022	18209	886//	06808	81830	88640	
628	80607	65022	18709	856//	07707	88645		
715	80404	66022	18409	884//	07705	81816	88645	
703	71208	64052	18010	757//	06710	87650		
827	70702	62051	17210	756//	08710	81640	87650	
817	70808	65021	17509	755//	06709	87629		
804	70407	75022	17312	755//	08707	87623		
809	80506	65051	17409	855//	05805	82625	88640	
894	70713	83021	16511	785//	07706	82825	87635	
534	80000	66022	19708	856//	07704	88635		
559	80203	62022	19309	885//	07602	82828	88635	
462	80102	62022	19508	854//	07604	82618	88640	
354	70402	56052	20008	756//	07805	87635		
414	81002	58042	19309	856//	07803	85635	88650	
360	70000	70022	19508	756//	06708	87637		
396	83605	66022	19510	885//	07706	83820	88640	
257	60402	58041	19606	656//	05710	86640		
262	50000	80022	19509	50930	04710	85358		
222	51402	62031	18806	58500	04813	81828	85648	
302	51202	57022	18309	55700	07708	85650		
334	72302	62022	19509	756//	06804	82635	87645	
318	81206	57042	19109	856//	07806	81632	88645	
204	62103	61031	17611	683//	09608	81708	86650	
131	71408	74031	18110	756//	09708	87635		
162	70000	80031	19205	5573/	03812	85650	84364	
135	71403	81032	18208	38502	06610	81825	83650	87078
140	40702	62051	18109	45701	05713	84650		
171	72203	75012	18608	655/1	04716	83622	85630	
091	71503	80021	17908	755//	05716	82621	87624	
005	83608	80022	17808	854//	05715	82618	88628	
075	71404	86021	18308	755//	02715	81625	87632	
010	70914	82032	17708	5857/	05715	81820	85625	
049	41402	84031	16509	12501	05719	81820	84070	
026	11607	89020	15910	10931	08717	81362		
022	41413	89030	14411	38502	09717	81820	83630	
100	61417	68031	15311	686//	08613	82830	85640	
917	71407	70021	17210	755//	06612	82628	87640	
980	71512	75022	14812	756//	07713	81635	87650	
976	12008	84020	14711	18500	10711	81821		
965	81806	75022	17410	856//	08607	88633		
969	71602	80022	17411	756//	06709	87645		
962	81412	65022	16411	5567/	08812	85635	87459	
952	00000	40100	17309	00900	08611			
953	81206	60102	16012	885//	10713	83820	88635	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	$T_g T_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00090	08 +		+
862	00090	09 +		+
797	00090	08 +		+
776	97090	09 r_o		$r_o d_o r_o - d_o d_o$
775	00090	08 +		+
772	00100	09 +		+
586	97080	08 d_o		pr_o
590	00080	07 +		+
497				
502	00090	07 +		+
628	00090	08 +		+
715	00090	05 +		+
703	00090	08		
827	00070	02 +		+
817	00060	51 +		+
804	00100	07 +		+
809	00070	03 +		+
894	00100	07 +		+
534	00080	07 +		+
559	00080	08 +		+
462	97080	08 +		$r_o d_o r_o$
354	00070	07 +		+
414	00090	07 +		+
360	00070	05 +		+
396		+		+
257	00040	51 +		+
262	00080	05 +		+
222	00030	52 +		+
302	00070	03 +		+
334	00080	07 +		+
318	00080	07 +		+
204	00030	01 +		+
131	00080			
162	00000	54 +		+
135	00050	00 +		+
140	00060	04 +		+
171	00070	05 +		+
091	00030	53 +		+
005	00070	07 +		+
075	00040	02 +		+
010	00070	05		
049	00060	03 +		+
026	00070	04 +		+
022	00060	00 +		+
100	00070	00 +		+
917	97080	07 +		d_o
980	0011	09		
976	9707	04		
965	0009	09		
969	0010	08		
962	0010	10		
952	9709	03		
953	9709	07		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	14001	72813	98022	22806	78500	00214	/////	/////	05401	10842	3//06	29/08
L	99573	70205	14004	72319	97805	06509	784//	41812	85812	86625	0//06	11101	30404	17906
M	99654	10027	14004	62904	99031	22807	65501	00606	86620	/////	0//06	10943	30201	99/02
R	99468	70171	14004	73512	98022	19113	756//	00103	87633	/////	0//11	11438	30502	09703

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99 L_a L_a L_a$	$Q_c L_o L_o L_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_h C_L h C_M C_H$	$D_s v_s$ app	$8N_s Ch_s h_s$	$8N_s Ch_s h_s$	$OT_s T_s T_d T_d$	$1T_w T_w T_w T_T$	$3P_w P_w H_w H_w$	$d_w d_w P_w H_w H_w$
C	99527	70355	14061	72914	98022	23605	78500	00400	/////	/////	05500	10828	30806	34308
L	99571	70206	14064	82731	95638	99007	853//	51534	86707	88620	0//06	11069	30605	17908
M	99654	10030	14064	10000	99010	22007	15501	00602	81620	/////	0//05	10958	30000	99/02
R	99469	70171	14064	72910	98022	17513	785//	00602	81720	87640	0//10	11459	30000	09703

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

42574

Date of Issue THURSDAY 15 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 14 June 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	70609	82022	16814	786//	04811	82835	87650	
Hurn	862	71605	75032	16813	786//	07711	85830	87650	
Manston	797	53607	85022	17213	58500	05808	81825	84642	
Gatwick	776	71305	81155	17213	785//	05812	81825	83832	87650
Kew	775	70702	75022	17113	786//	03712	83835	87645	
Heathrow	772	80402	75032	17114	886//	05811	83838	88648	
Honington	586	80106	84028	17711	885//	05711	82823	83630	88650
Wattisham	590	80606	82022	17412	885//	05710	83820	83630	88645
Gorleston	497	80805	66028	17811	885//	05705	82825	88630	
Aberporth	502	71507	70012	16813	786//	04710	81835	84645	87657
Filton	628	80806	81022	17513	885//	07810	85825	88645	
Rhoose	715	71307	64022	17013	784//	08810	83818	87648	
Hartland Point	703	80000	63052	17112	856//	07808	88635		
Mount Batten	827	71203	75022	16514	785//	08705	83825	87643	
St.Mawgan	817	81209	81032	16414	885//	06707	83825	88635	
Scilly	804	61110	74012	16616	65500	06805	86628		
Culdrose	809	71105	70022	16814	784//	05706	81818	87625	
Guernsey	894	70713	81022	15913	785//	05806	81820	87640	
Elmdon	534	80805	66032	17612	885//	05812	82828	88645	
Cardington	559	70302	80012	17512	785//	08712	85825	87645	
Wittering	462	80102	82026	17912	885//	05713	85825	88650	
Watnall	354	70601	68022	18012	785//	06812	82825	87640	
Shawbury	414	82005	72032	17213	885//	05813	81828	88656	
Finningley	360	71002	68022	17714	785//	05812	81825	87640	
Spurn Point	396	80808	67032	18311	885//	07607	82820	88640	
Leeming	257	72308	68042	16714	786//	04717	82830	87645	
Tynemouth	262	31111	69021	17111	31600	05718	83830		
Carlisle	222	73302	65011	16314	785//	07714	81824	83630	87645
Valley	302	52109	60012	16715	58500	07714	81825	85650	
Ringway	334	71506	66022	17413	786//	03814	82835	87650	
Squires Gate	318	72006	62022	17214	786//	07814	82830	87650	
Ronaldsway	204	11910	60021	16515	11500	07611	81828		
Mull of Galloway	131	62112	59051	16113	6093/	11713	86360		
Eskdalemuir	162	71908	65031	15913	785//	04814	84825	86645	
Prestwick	135	32907	75021	15215	32600	06719	83835		
Abbotsinch	140	52106	75031	14716	58600	03721	85835		
Leuchars	171	31013	75011	15613	38600	05719	82830		
Dyce	091	21411	82021	14714	21500	06620	82825		
Lerwick	005	71204	82022	15610	785//	05713	83820	87630	
Wick	075	51207	56041	15810	48532	02715	81825	83650	
Sule Skerry	010	31419	82011	15011	20972	05718	82360		
Cape Wrath	049	30902	82020	14110	12501	09716	81820	83070	
Stornoway	026	21610	82030	13014	28500	08718	81825		
Benbecula	022	51817	70031	11915	58500	09715	81822	85635	
Tiree	100	71616	64051	13113	757//	09713	87650		
Aldergrove	917	82012	60505	15311	854//	07712	84613	86618	88630
Malin	980	81912	70052	13214	6547/	09710	81717	86645	88460
Belmullet	976	31820	74030	11816	38502	11719	82822		
Birr	965	61810	70021	14416	625//	06719	86823		
Dublin	969	71607	61052	14814	785//	07718	85825	86645	
Shannon	962	71610	70051	13617	786//	09716	84830	87650	
Roches Point	952	11508	56050	15216	11400	08715	81818		
Valentia	953	51915	60052	14116	52500	11715	85820		

OBSERVATIONS at 18h. 14 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	72802	80022	14613	786//	05607	82830	87645	
862	61805	70022	14713	686//	06607	81835	86650	
797	10505	84021	15113	18600	07611	81830		
776	50502	66022	14415	54600	05612	82840	84650	
775	70202	68022	14714	786//	05610	83835	87650	
772	70204	70022	14515	786//	04612	81835	87650	
586	70507	75032	15411	784//	07608	83818	83630	87645
590	81206	82022	15411	885//	06607	81825	84628	88650
497	80809	66022	15712	2253/	07711	82825	88358	
502	73002	70012	14511	786//	08610	81830	83640	87656
628	72703	75022	14713	786//	07611	81830	87645	
715	81506	68022	14712	886//	05609	84832	88645	
703	70000	66052	15012	756//	06710	87635		
827	62104	75012	14614	686//	07606	81830	86650	
817	83104	75022	14813	885//	08606	85824	88645	
804	51808	75031	15114	58532	06710	82820	84625	
809	72505	65022	15113	784//	06607	81818	87627	
894	00614	77011	13813	00900	07610			
534	81502	65022	15012	886//	05609	81830	88645	
559	70204	78012	15113	785//	08611	82825	87650	
462	81006	83022	15512	845//	06610	82828	83640	88650
354	81602	72022	15411	885//	07709	82825	85630	88640
414	71305	62042	14414	756//	05611	81635	87656	
360	71407	68022	15013	756//	05609	87645		
396	71310	62022	15712	755//	07613	87625		
257	81803	62042	13914	856//	05610	86635	88650	
262	81716	66021	14210	856//	07715	88635		
222	72706	65022	13713	785//	05711	81825	84630	87645
302	52110	62011	14013	55600	07712	81635	85650	
334	81907	60022	14613	856//	04711	88645		
318	72302	62012	14213	757//	06712	87650		
204	11408	58050	13813	12530	08714	81825		
131	72308	60022	13211	756//	10716	87635		
162	62110	65012	13412	685//	03610	81825	85645	
135	72514	63051	13113	6863/	07607	81832	86645	
140	32215	70031	12214	38600	07708	81835	83650	
171	61511	64011	12513	657//	07709	86650		
091	71612	75031	12712	786//	06809	81830	87645	
005	71610	80022	14109	784//	05605	81815	87635	
075	01311	80021	12511	00900	07617			
010	01418	82010	11811	00900	07715			
049	21109	82030	11211	20981	09712	82360		
026	72113	75021	10214	785//	09713	81828	87645	
022	71911	80032	09613	784//	09712	81817	87645	
100	81713	58056	10411	6571/	10715	86650	88462	
917	81409	58025	12311	856//	07716	83635	88650	
980	81514	65056	10413	4547/	08713	81718	84650	88459
976	82006	77616	09111	7642/	10612	85716	85637	88458
965	81909	60052	11014	6857/	08715	82821	85636	87465
969	72003	80021	11914	6567/	06713	82630	86645	87360
962	82206	68216	10813	6552/	11713	81720	85640	88458
952	81808	70026	12213	6547/	10718	82714	85638	88460
953	82609	58606	11712	863//	11614	87706	88630	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00150	003 +		+
862	00150	015 +		+
797	00150	064 +		+
776	00160	014 jp		+
775	00150	003 +		+
772	00150	002 +		+
586	00130	000 +		+
590	00130	001 +		+
497		007		
502	00140	001 +		+
628	00150	001 +		+
715	97140	002 +		pr$_o$
703	00130	005		
827	00140	015 +		+
817	00160	006 +		+
804	00160	035 +		+
809	00150	003 +		+
894	00150	056 +		+
534	00140	002 +		+
559	00130	000 +		+
462	97130	000 d$_o$r$_o$		+
354	00130	003 +		+
414	00140	000 +		+
360	00150	001 +		+
396		+		+
257	97150	039 +		r$_o$
262	00110	056 +		+
222	00150	033 +		+
302	00150	083 +		+
334	00130	003 +		+
318	00160	017 +		+
204	00150	124 +		+
131	00140			
162	00140	024 +		+
135	00170	100 +		+
140	00170	112 +		+
171	00170	098 +		+
091	00150	096 +		+
005	00110	000 +		+
075	00120	090 +		+
010	00120			
049	00120	146 +		+
026	00150	118 +		+
022	00160	104 +		+
100	97140	037 +		ir$_o$
917	97120	000 d$_o$d$_o$		+
980	9714	000		
976	0316	073		
965	0017	040		
969	0015	023		
962	9718	025		
952	9116	095		
953	9417	036		

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

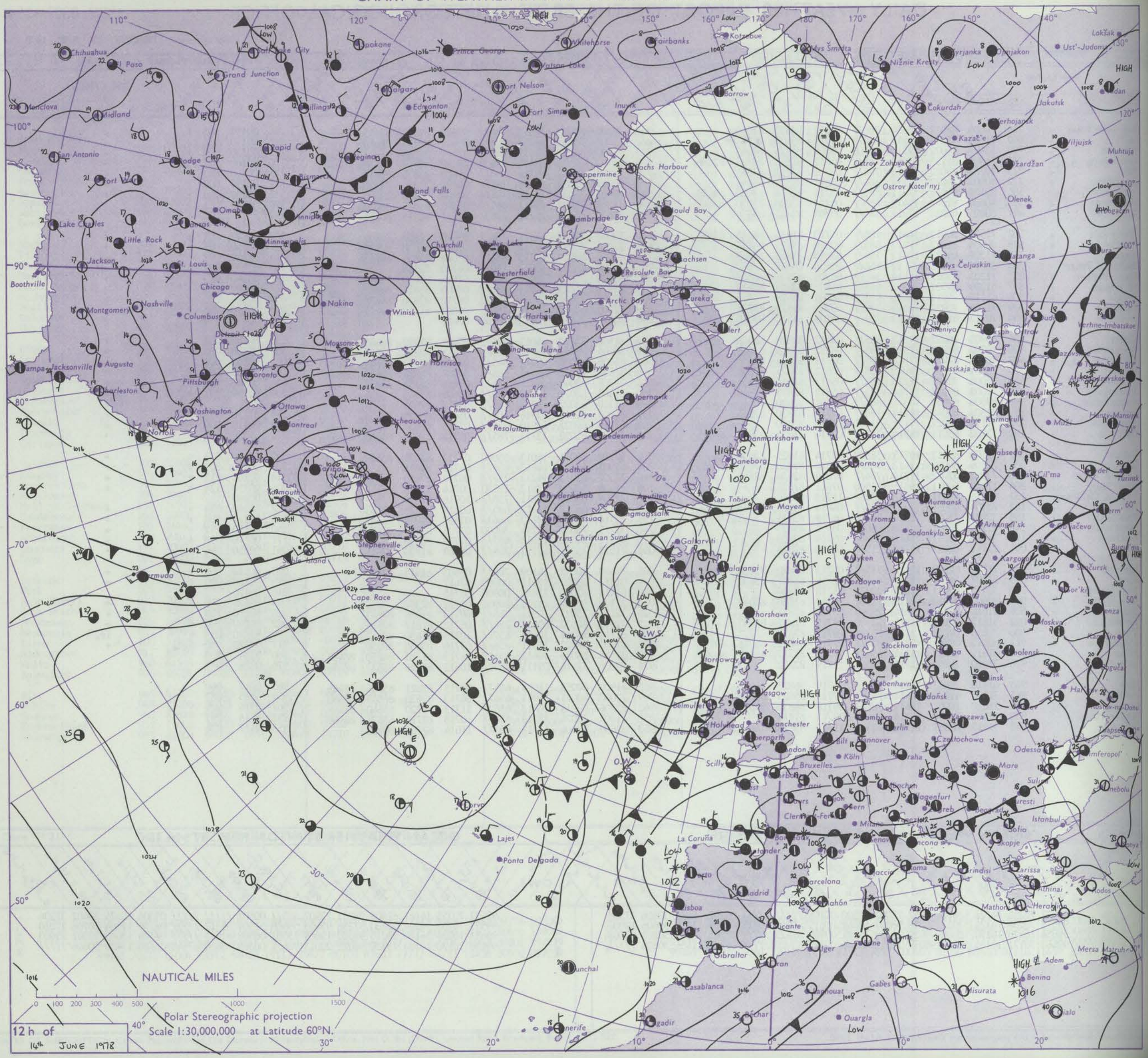
O.W.S.	99 $L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14121	62812	98012	25007	68500	00108	/////	/////	05202	10842	30806	31308
L	99572	70204	14124	52027	98258	98607	43462	00815	81912	83815	0//03	11079	30606	19008
M	99654	10028	14124	10806	99020	21309	15501	00709	81625	/////	0//05	10940	30201	99/03
R	99468	70171	14124	53115	98038	19813	48540	00105	83820	/////	0//08	11456	30606	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	99$L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	14181	82608	98032	23907	885//	00607	/////	/////	05304	10874	30402	31206
L	99573	70203	14184	52630	97258	93408	59400	51504	85912	/////	0//06	11084	30706	27010
M	99653	10026	14184	20810	99020	19609	15501	00508	81625	/////	0//04	11040	30301	25903
R	99470	70170	14184	73320	98022	20013	786//	00304	83830	87640	0//10	11458	30606	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 14th JUNE 1978

00h of 15 JUNE 1978

06h of 15 JUNE 1978

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 15 JUNE 1978

During the past 24 hours pressure gradually fell in the vicinity of the British Isles with the ridge receding northwards and the Atlantic trough moving east into Ireland and southwest England.

During the next 24 hours pressure is expected to continue falling with a low developing over Ireland moving slowly southeast and the trough remaining over the British Isles.

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

Code FM 11.V **OBSERVATIONS at 00h.** 15 June 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	73002	65031	13408	757//	05710	87650		
Hurn	862	10000	65011	13305	15700	04711	81650		
Manston	797	30705	75011	13710	15701	07813	81656	83075	
Gatwick	776	41801	62031	13608	35602	06809	83643		
Kew									
Heathrow	772	00000	62011	13409	00900	06709			
Honington	586	61202	70012	13809	657//	07811	86650		
Wattisham	590	51402	70031	14007	55700	06711	85650		
Gorleston	497	51204	66012	14011	55500	09714	85620		
Aberporth	502	81709	62602	12109	856//	06817	88632		
Filton	628	71703	60052	13111	756//	07810	87642		
Rhoose	715	82602	75018	12711	856//	08810	88645		
Hartland Point	703	72108	69022	13011	5574/	06813	85656	87360	
Mount Batten	827	80902	65021	13110	857//	08810	88650		
St.Mawgan	817	71607	70032	12910	2567/	08814	82630	83360	87465
Scilly	804	82109	75022	12913	855//	07717	88623		
Culdrose	809	52005	64051	13210	50930	07717	85360		
Guernsey	894	30000	80030	13210	30930	08809	83360		
Elmdon	534	71302	61022	13409	757//	07810	87650		
Cardington	559	80302	70022	13509	856//	09711	88648		
Wittering	462	81203	75022	13609	856//	08712	88646		
Watnall	354	81404	70022	13910	856//	07712	88640		
Shawbury	414	81702	61042	12411	856//	07814	82630	88656	
Finningley	360	81604	72022	13709	856//	07807	88645		
Spurn Point	396	71701	66022	13711	757//	07714	87656		
Leeming	257	81406	56046	12910	856//	07809	82635	88650	
Tynemouth	262	80000	61022	12911	8097/	08708	88358		
Carlisle	222	60902	60022	12209	656//	06711	81630	86645	
Valley	302	81710	65022	11512	857//	06715	88650		
Ringway	334	71406	59012	12911	756//	05812	87645		
Squires Gate	318	81509	57042	12411	857//	06710	88656		
Ronaldsway	204	71609	59041	11111	757//	07716	87656		
Mull of Galloway	131	81812	60022	10711	856//	08715	88630		
Eskdalemuir	162	40000	50051	13103	35602	01709	83645		
Prestwick	135	71203	62052	11310	1577/	05709	81650	85360	87462
Abbotsinch	140	81603	65041	11211	856//	05608	81630	88656	
Leuchars	171	80000	60042	11611	857//	08705	85650	88657	
Dyce	091	40000	35051	11507	35730	06709	83650		
Lerwick	005	81412	32022	14408	856//	03000	88635		
Wick	075	11408	57050	11209	15630	07707	81645		
Sule Skerry	010	21408	81030	10809	00901	08705	82075		
Cape Wrath	049	62002	80031	10611	685//	07400	83820	86625	
Stornoway	026	71303	64051	09911	6553/	09805	81628	86645	87360
Benbecula	022	81410	60505	08510	6542/	10603	81710	86630	88459
Tiree	100	81315	58606	08511	856//	09709	88637		
Aldergrove	917	81409	50216	09311	7562/	08711	81632	87637	88459
Malin	980	81420	60056	07611	6547/	07715	82718	86645	88459
Belmullet	976	72807	76216	08509	754//	07803	82716	86638	
Birr	965	81801	56616	08711	6742/	10719	86711	88458	
Dublin	969	71304	65026	09711	5577/	08715	85650	85460	
Shannon	962	83009	65606	09510	864//	09606	82712	86715	86620
Roches Point	952	82704	65216	09611	864//	10717	85714	88640	
Valentia	953	53012	75806	11010	58500	07702	82823	85638	

OBSERVATIONS at 06h. 15 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	70906	60021	10307	55706	05713	85650	87272	
862	80000	56101	09906	2861/	06716	81840	88462	
797	23402	77011	11111	15601	08610	81635		
776	70402	62021	10709	757//	07716	87650		
775	40000	70021	10510	45601	07711	81640	84656	
772	50103	58051	10609	55600	07713	81635	85650	
586	00000	47051	11308	00900	07709			
590	00602	04414	11407	00900	07710			
497	62605	64031	11310	65500	08710	86620		
502	81616	56606	07309	3547/	08618	81712	83645	88360
628	81605	62212	09710	856//	07715	84635	88650	
715	81504	64016	09311	856//	08612	82632	88645	
703	81915	74606	08510	855//	07719	88625		
827	71706	62032	09311	78531	09809	81822	87650	
817	81608	60602	08310	5552/	08620	85624	88558	
804	63018	74026	09112	58430	08712	83818	85625	
809	82213	40646	08611	5722/	10719	83704	85708	88556
894	73005	70021	10110	2577/	08611	82650	87362	
534	71303	60042	10109	756//	07715	82630	87650	
559	11202	65011	10708	15700	07713	81656		
462	71602	70022	10909	757/1	07810	87650		
354	70602	50052	10909	756//	08712	87640		
414	81802	50616	09609	854//	08610	82618	83630	88656
360	81006	70022	10909	886//	08611	81830	88650	
396	81005	70022	11211	885//	06713	82820	88640	
257	81505	56042	10809	857//	07708	88650		
262	71705	56052	11010	7097/	08709	87358		
222	80904	60022	09810	856//	06608	88645		
302	81310	62606	07810	856//	07717	88640		
334	71408	59012	09911	756//	06711	81640	87650	
318	71209	58042	09510	4863/	07710	83830	83650	86359
204	81608	61212	08011	1567/	07613	81640	85359	88468
131	81612	65022	08110	1552/	09711	81625	88462	
162	83502	57051	10606	856//	04608	88645		
135	71208	59056	09010	5573/	06708	85650	87360	
140	71006	62042	09410	2567/	05605	82640	87360	
171	70702	62042	10511	758//	07603	87657		
091	71405	50051	11110	752//	09202	81704	87706	87656
005	71413	84022	14609	755//	03105	87627		
075	71515	56051	11009	753//	08305	84709	87615	
010	01116	57100	10109	00900	09501			
049	71107	62102	08909	4553/	08605	84625	87360	
026	10000	70011	08510	15630	10603	81640		
022	81511	50616	07010	6537/	09811	82709	85616	88460
100	81216	56616	06810	3542/	09604	81712	83640	88460
917	71410	57042	06710	5563/	08710	85645	87359	
980	82104	70616	06210	5642/	09704	83716	84645	88459
976	42704	82031	07509	48500	06707	82820	83640	
965	73106	70016	07009	754//	08709	82716	87635	
969	81605	56616	05111	862//	10722	83705	86709	88620
962	53007	80256	07809	594//	07608	81818	81923	84640
952	32917	65036	08009	38400	06706	81817	83637	
953	33008	82028	09210	32500	05708	83825		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00050	50	+	+
862	00030	51	jf	jf
797	00090	08	+	+
776	97070	04	+	r_o
775	97030	54	+	r_o
772	97070	51	+	r_o
586	00070	03	+	+
590	00030	51	f	ff
497				
502	01091	07	$ir_or_or_o$	$ir_or_or_o$
628	97100	08	+	r_o
715	91100	08	r_o	r_or_o
703	00101	09		
827	97091	06	+	r_o
817	04091	05	+	ir_oir
804	04101	11	ir_o	ir
809	09102	04	+	ir_oiRrr
894	00080	02	+	+
534	96080	07	+	~~pr~~ $r_or_or_o$
559	00030	00	+	+
462	00080	07	+	+
354	00080	07	+	+
414	02091	07	+	$r_orr_or_o$
360	00080	07	+	+
396			+	pr_o
257	00090	08	+	+
262	00100	09	+	+
222	00080	02	+	+
302	02102	09	ir_o	ir_or
334	00100	09	+	+
318	97100	09	+	pr_o
204	97100	08	+	r_o
131	97100			
162	00000	52	+	+
135	97090	08	+	ir_o
140	00090	09	+	+
171	00090	08	+	+
091	00050	51	+	+
005	00070	07	+	+
075	00090	06	+	+
010	00080	07		
049	00080	07	+	+
026	00090	06	+	+
022	03101	09	$id_or_or_o$	$d_or_or_or_o$
100	01091	09	$ir_or_or_o$	r_or_o
917	97100	10	r_oir_o	+
980	0310	09		
976	0205	03		
965	0809	08		
969	9110	07		
962	0409	07		
952	0208	06		
953	0108	05		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15001	82510	96636	18209	8732/	00734	/////	/////	00209	10856	3//03	///07
L	99572	70206	15004	62934	97258	98708	4947/	61217	82910	84359	0//05	11043	30706	28010
M	99653	10024	15004	70810	99021	18709	75500	00705	87620	/////	0//06	11042	30301	25903
R	99469	70168	15004	73120	98022	21813	756//	00008	87640	/////	0//07	11432	30706	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwtT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15061	82712	94286	17208	864//	00304	/////	/////	00008	10868	30705	24307
L	99572	70209	15064	63224	97038	03708	49430	61336	84912	85365	0//05	11037	30504	27010
M	99653	10020	15064	70813	98022	19308	75400	00207	87614	/////	0//07	11054	30402	26903
R	99469	70168	15064	73026	98022	20412	786//	00610	83830	85640	0//07	11409	30708	/////

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. 42575

Date of Issue FRIDAY 16 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 15 June 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	81211	62152	07212	6857/	06716	83822	85645	88459
Hurn	862	71610	62016	06914	5251/	08716	85828	87460	
Manston	797	70513	58021	07415	00908	10821	87275		
Gatwick	776	80507	40656	08409	6552/	09706	82625	85635	88550
Kew	775	80504	56616	08310	6562/	07707	86640	88556	
Heathrow	772	80811	50606	08211	856//	09808	86640	88656	
Honington	586	70906	75031	07916	746//	04718	81830	86635	87656
Wattisham	590	81309	65034	07915	886//	05719	81830	88656	
Gorleston	497	61012	66022	08913	65500	05714	86620		
Aberporth	502	81514	58636	04710	853//	09713	82708	85710	88640
Filton	628	71208	61016	06714	6567/	09716	83630	85640	87359
Rhoose	715	81007	70602	05813	885//	07719	83825	88645	
Hartland Point	703	82805	66616	06211	855//	10706	88625		
Mount Batten	827	72211	63216	06214	734//	10714	81716	86820	
St.Mawgan	817	32813	86258	06513	38400	09807	83814		
Scilly	804	42909	76258	08512	48400	09804	83818		
Guldrose	809	42814	75018	07114	41400	06809	84818		
Guernsey	894	82111	65601	08012	5537/	09813	81708	83635	87357
Elmdon	534	80505	60616	07812	885//	08717	81620	88645	
Cardington	559	81309	66801	08014	6857/	07613	85825	88362	
Wittering	462	81405	70032	08014	4861/	05716	83830	88465	
Watnall	354	82506	59602	08810	6551/	07710	83620	86650	88462
Shawbury	414	81007	57606	07212	7541/	09715	82710	83625	86645
Finningley	360	71509	75152	08414	786//	06614	84830	86650	
Spurn Point	396	50811	70018	09212	3267/	08716	83830	85360	
Leeming	257	71111	80022	08415	6853/	04818	84828	83656	
Tynemouth	262	71113	81022	10211	40938	09812	84358	87275	
Carlisle	222	70714	68018	08015	785//	05712	83827	86650	
Valley	302	81111	62636	05111	855//	09712	87625	88640	
Ringway	334	81709	58616	08311	884//	08709	82818	88640	
Squires Gate	318	81410	60618	07711	856//	06710	84640	88650	
Ronaldsway	204	81217	56612	06310	854//	09608	83710	83625	88640
Mull of Galloway	131	81817	62616	06310	4552/	10711	84620	88458	
Eskdalemuir	162	71110	58258	08013	785//	02710	85825	87650	
Prestwick	135	71314	64022	07416	786//	01711	82830	86657	
Abbotsinch	140	81113	60808	07814	7867/	01710	83830	86656	88459
Leuchars	171	61120	68012	10113	684//	08504	82814	85656	
Dyce	091	71408	70026	12012	784//	07003	81712	86816	
Lerwick	005	21212	82021	16211	21400	08206	82818		
Wick	075	11315	65051	12612	11431	08208	81816		
Sule Skerry	010	81427	49051	11012	861//	09305	88701		
Cape Wrath	049	71102	60051	09915	755//	05207	87625		
Stornoway	026	51705	75031	08913	58500	09303	81820	85650	
Benbecula	022	71515	60056	07812	755//	08301	83620	84630	85640
Tiree	100	71210	59016	07211	3557/	09400	81620	87358	
Aldergrove	917	81012	58216	05310	6547/	07709	83714	85622	88459
Malin	980	81017	60606	05611	4547/	09804	81717	83645	88458
Belmullet	976	32908	82030	06513	28532	05705	82821		
Birr	965	73009	81022	05113	785//	04713	85822	87634	
Dublin	969	83003	70616	03611	864//	09711	83710	85718	87635
Shannon	962	42811	86038	05615	48530	05716	84824		
Roches Point	952	72913	81808	06212	734//	06716	85816	81916	87640
Valentia	953	62508	82808	07210	63500	07713	86925		

OBSERVATIONS at 18h. 15 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
	746	72002	75026	03912	785//	08613	82820	87645	
	862	51807	70016	03913	48530	09714	82825	83635	
	797	83106	56619	05311	4537/	11003	81709	84640	88360
	776	70808	45046	04711	6828/	10716	81705	83710	86645
	775	80906	50606	04511	5547/	09717	82712	84635	88460
	772	71009	57026	04711	7847/	09617	81710	83815	85635
	586	70711	62016	04815	40972	07718	81360	84466	87072
	590	70711	58052	04415	12738	08619	81850	83359	87272
	497	80718	60052	05513	8091/	10721	88460		
	502	72405	65806	03310	784//	08709	86815	86640	
	628	70000	59616	04010	783//	09708	82709	83820	87645
	715	72705	82216	03511	5948/	09712	82814	81915	85650
	703	52509	86038	03912	58531	06811	85825		
	827	32613	86018	03813	38532	06711	82828		
	817	42613	86021	04313	38501	07711	83820		
	804	72714	83038	05112	784//	05720	83818	87625	
	809	32711	80028	04612	32460	05715	83818		
	894	22815	82028	05913	28500	06606	81820		
	534	81207	62616	04711	6842/	09613	82712	84645	88460
	559	80604	57638	05310	3562/	10615	83630	88458	
	462	80202	57616	05711	5562/	09717	85645	88459	
	354	80807	56606	05911	5562/	09711	85630	88460	
	414	80805	56616	03811	856//	09717	88645		
	360	80000	59618	06211	855//	10610	85622	88645	
	396	81012	66022	06712	856//	09712	88630		
	257	71008	75012	06414	28541	07609	82822	87075	
	262	80920	69026	03211	7557/	09713	87625		
	222	70910	80016	07312	684/2	08503	81715	85647	
	302	80709	45636	03211	885//	10711	82822	87634	88650
	334	81011	59216	04913	5562/	06714	85640	88459	
	318	81509	61606	05411	6852/	08611	81825	86645	88459
	204	81016	56616	04810	6537/	08607	81707	83715	86645
	131	81415	60026	05611	3542/	09303	83615	88458	
	162	80812	62802	07910	885//	05501	83825	88645	
	135	51113	63018	06813	5863/	04106	81835	84657	
	140	80612	59608	08010	886//	08309	81830	85645	88656
	171	71016	82028	10611	784//	07205	82712	83635	86656
	091	40808	84011	12511	41400	06103	84816		
	005	20613	80030	16511	21400	08502	82815		
	075	11214	81020	13911	11400	06205	81816		
	010	11418	74011	13311	00905	07211	81275		
	049	51120	60052	11111	33502	09206	83925	85070	
	026	40506	66051	10013	45700	09303	84656		
	022	10410	70011	08514	15700	07002	81650		
	100	70211	59056	07611	2563/	09301	82640	87358	
	917	81011	56616	04910	5547/	07302	83712	83618	88458
	980	80819	58216	06011	2647/	07206	82716	88458	
	976	73614	82021	05911	33576	05601	82921	87270	
	965	73411	81028	03411	6857/	05504	82821	85636	87464
	969	80000	62616	02610	864//	09301	82712	84718	87640
	962	70112	35808	04510	735//	07305	86824	83924	83645
	952	72506	65258	03710	534/2	07707	84916	85068	
	953	73312	82258	05512	53533	07502	85924		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	97130	001	r_o	ir_opr_o
	862	97150	040	r_o	r_o
	797	05161	062	+	$tl_or_otlRr_or_o$
	776	15121	000	r_orR	r_o
	775	10131	007	r_orRrr	$r_or_o-r_o$
	772	08131	005	r_or_orR	pr_opr
	586	02161	057	r_o	r_or
	590	05161	049	+	r_orR
	497		084		
	502	09111	003	$r_or_orrRr_o$	ir_orRpr_o
	628	03141	002	r_o	$r_orr_or_opr_o$
	715	04141	017	$r_or_oir_or$	rr_oirr_o
	703	05130	034		
	827	92160	075	$ir_or_or_opr_o$	pr_o
	817	92141	093	r_opr_o	pr_o
	804	02141	094	pr	pr
	809	92150	092	pr_o	+
	894	97150	083	$ir_od_or_opr_o$	+
	534	96131	000	r_or_or	$r_o-r_or_o$
	559	08152	043	$pr_orr_or_o$	r_or_orr
	462	01161	029	r_or	r_or_o
	354	03131	000	r_o	$r_orir_orrr_o$
	414	01121	000	r_or_or	r_or_or
	360	02161	019	pr_or_or	r_or_orR
	396			+	+
	257	00160	029	+	+
	262	92121	028	+	rrr_or_o
	222	97160	018	pr_or_o	r_oir_o
	302	10121	000	ir_orriR	$rrir_o$
	334	01131	000	r_or_or	r_or_o
	318	97131	000	r_or_o	r_or_o
	204	04111	000	r_or_or	rrr_or_o
	131	97110			
	162	04141	006	pr_o	pr_oprr_o
	135	97171	006	+	pr_or_o
	140	01171	005	pr_o	$pr_or_opr_o$
	171	97141	047	+	pr_o
	091	97120	053	r_o	+
	005	00130	124	+	+
	075	00130	111	+	+
	010	00130			
	049	00150	112	+	+
	026	00150	087	+	+
	022	97151	025	r_o	+
	100	92131	002	r_or_o	r_o
	917	02121	000	$r_orr_or_o$	$r_or_o-r_o-r_or_o$
	980	0312	000		
	976	0014	093		
	965	0113	002		
	969	0512	000		
	962	9115	087		
	952	0314	044		
	953	9713	109		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

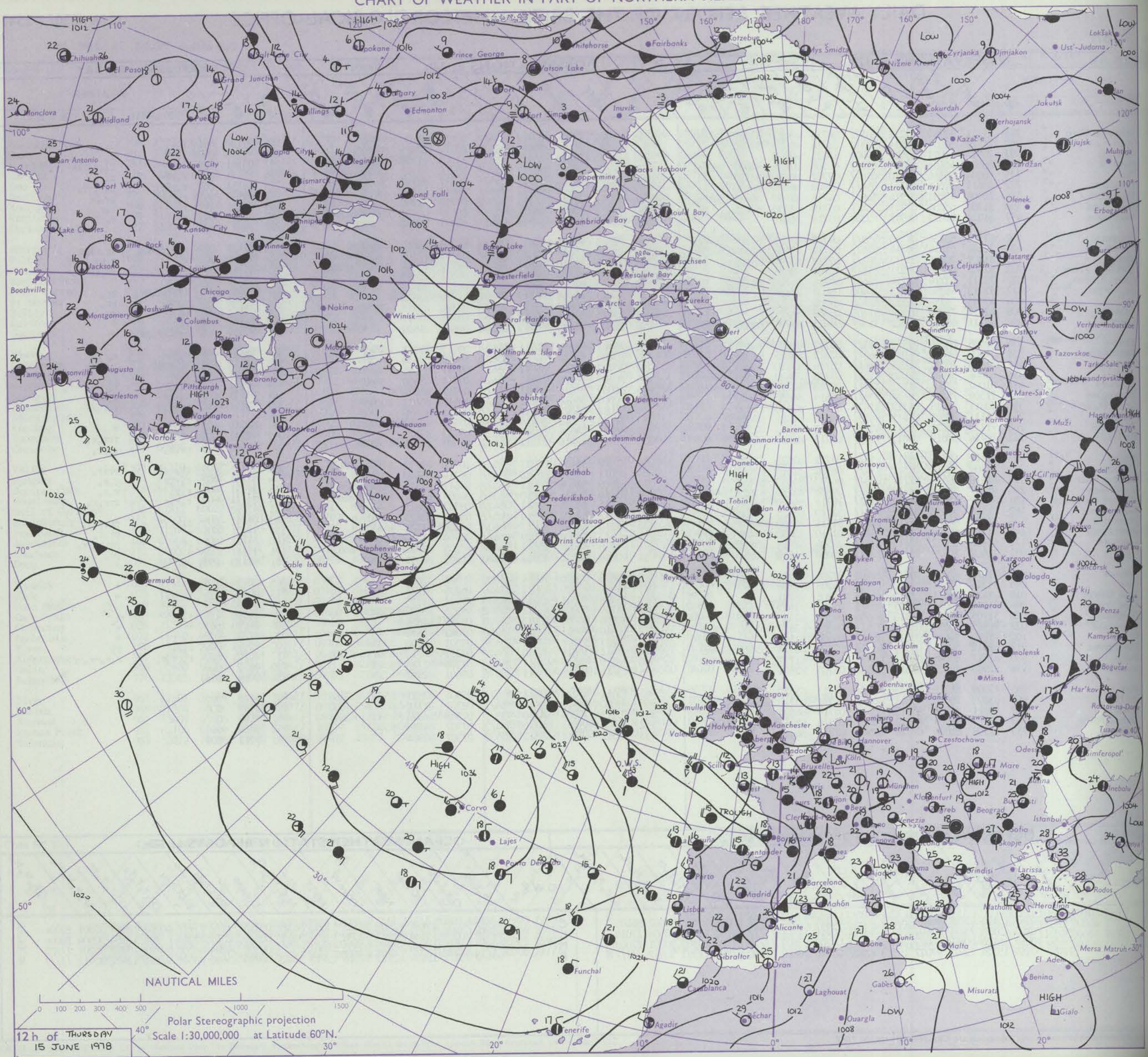
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15121	82707	96106	20708	864//	00215	/////	/////	00008	10868	30402	26105
L	99572	70207	15124	73119	97801	07408	59431	00219	/////	/////	0//05	11043	30504	27010
M	99654	10017	15124	80607	98022	20408	853//	00206	88608	/////	0//07	10990	30201	27003
R	99469	70169	15124	72927	97022	19313	6242/	00810	86816	87460	0//08	11393	30912	/////

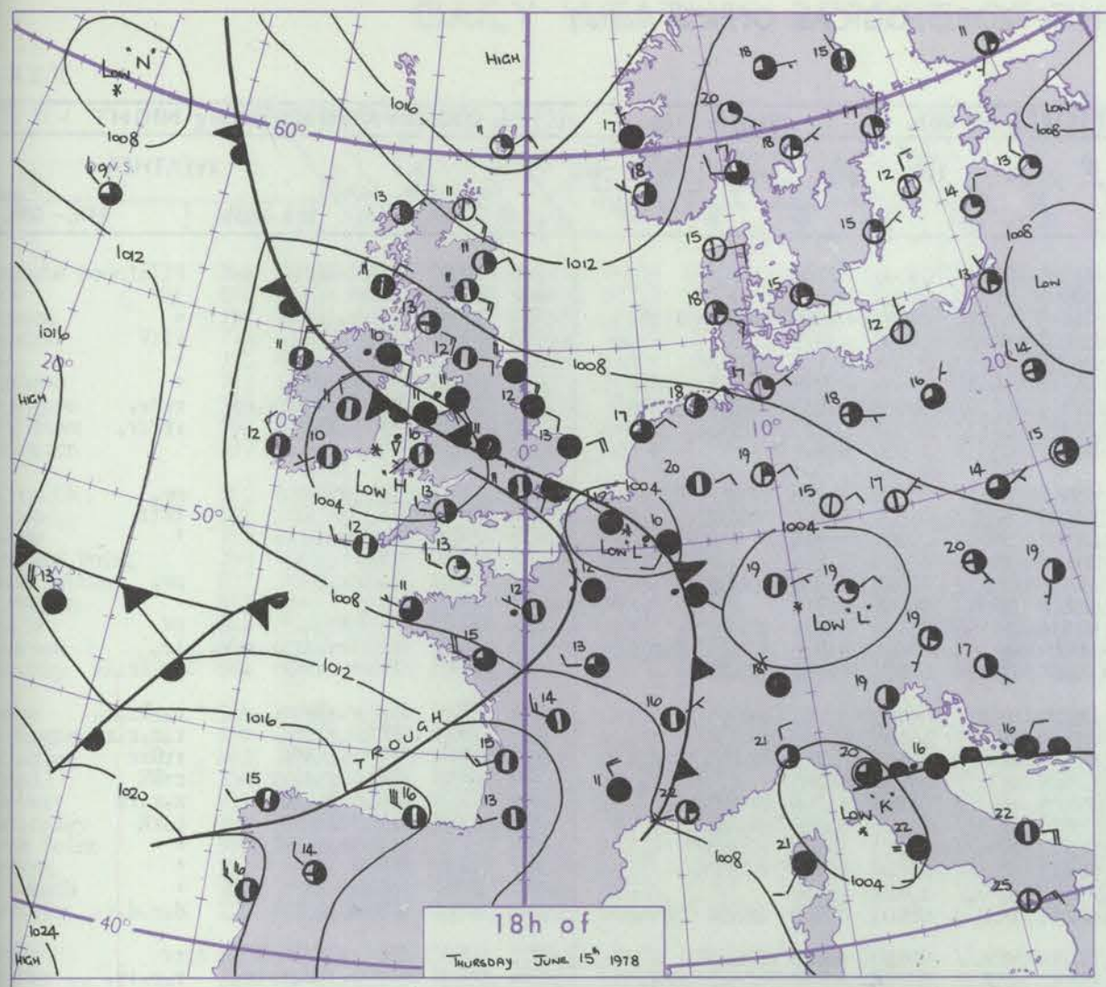
OCEAN WEATHER STATION REPORTS at 18h.

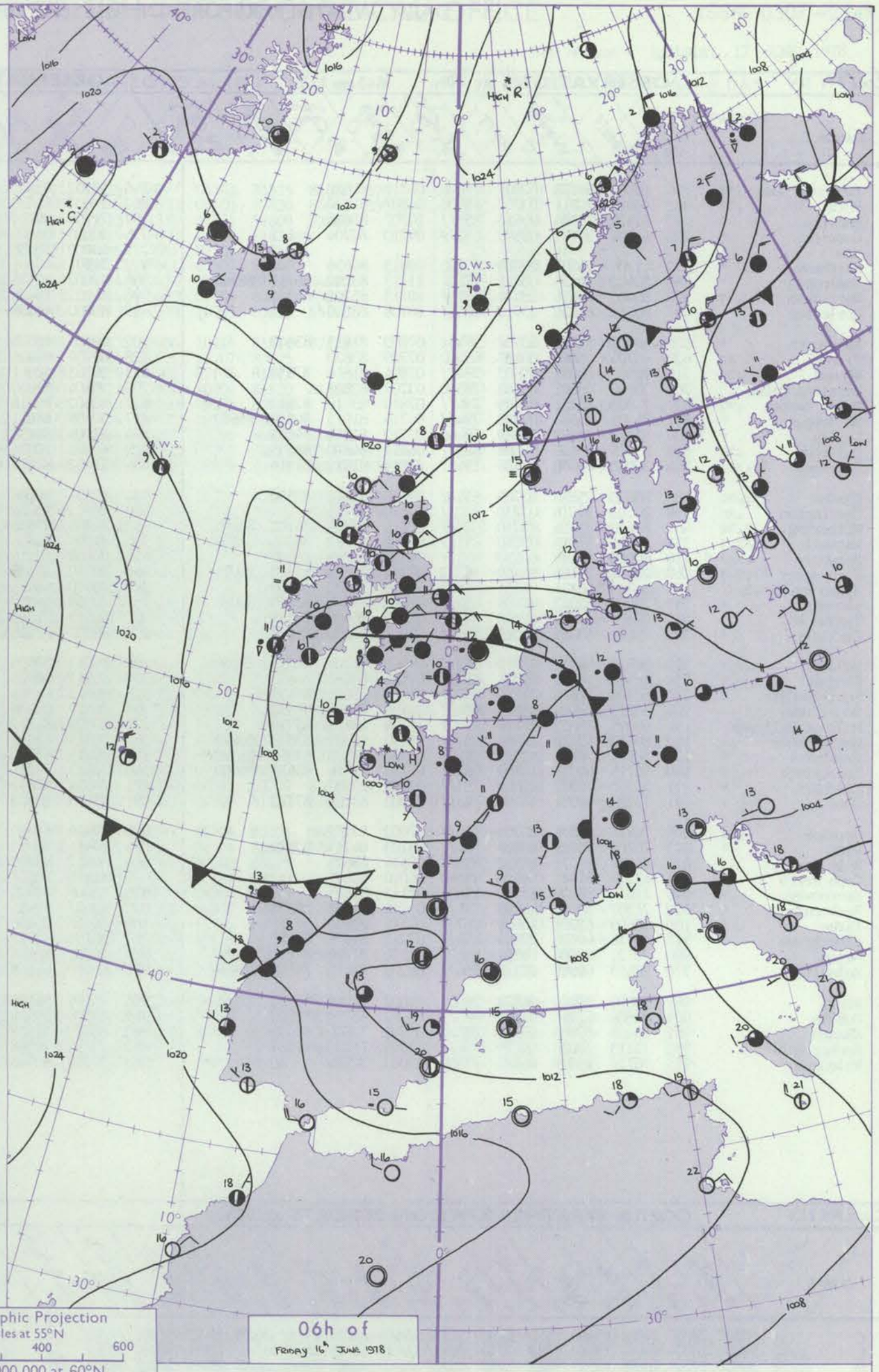
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	15181	82705	96515	23608	863//	00213	/////	/////	00009	10889	30301	21004
L	99572	70205	15184	62917	97038	10709	3843/	00218	82818	85364	0//04	11064	30504	26008
M	99653	10015	15184	80312	98502	21007	852//	00302	84704	88608	0//07	10997	30201	27102
R	99470	70172	15184	82923	97016	15213	5542/	00724	85610	88549	0//11	11412	30911	/////

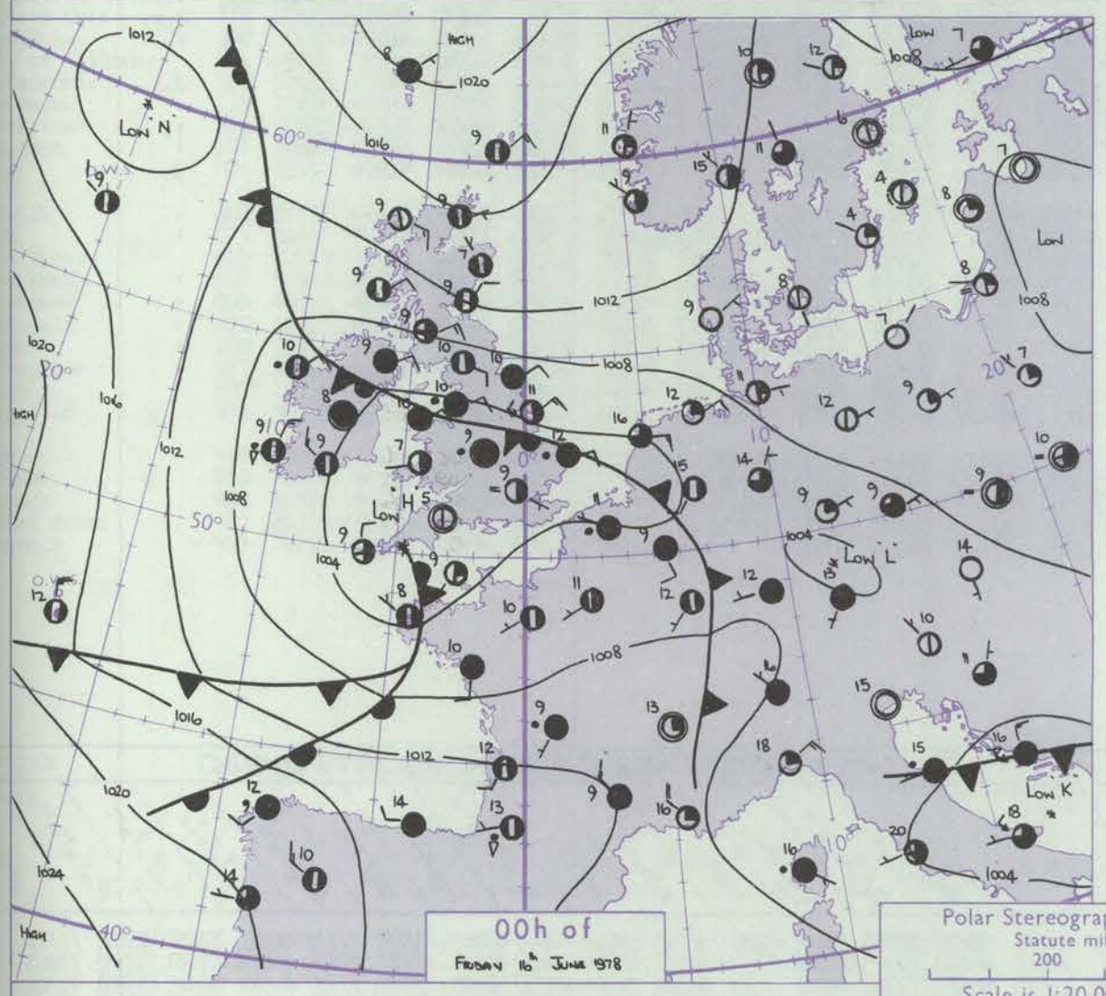
Times of observation printed in this publication are GREENWICH MEAN TIME.

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 16 JUNE 1978

During the past 24 hours a rather complex trough of low pressure covered the British Isles and the near Continent. One low centre formed over Ireland and moved southeastwards, whilst another over northeast France moved slowly northwards.

During the next 24 hours the low pressure complex is expected to move slowly southeastwards into northern France whilst a ridge of high pressure should become established north of Scotland.

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

Code FM 11.V

OBSERVATIONS at 00h. 16 June 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	10000	58108	02907	15600	06711	81640		
Hurn	862	10000	70011	03007	15600	06807	81630		
Manston	797	82502	38106	03610	856//	10707	88635		
Gatwick	776	61701	24102	03509	652//	09710	82704	84615	
Kew									
Heathrow	772	41204	24108	03009	45700	09813	84656		
Honington	586	80402	20636	03411	7712/	11715	83702	86711	88545
Wattisham	590	80402	08656	03411	5712/	10713	85702	88540	
Gorleston	497	80812	60636	03712	8062/	10708	88540		
Aberporth	502	42602	82018	03307	38431	07802	81815	83640	
Filton	628	40704	05468	03107	48500	07709	83820		
Rhoose	715	70502	80031	02907	784//	07804	81816	87650	
Hartland Point	703	20000	86021	03108	28500	03707	82825		
Mount Batten	827	71003	80251	02409	794//	07810	83918	87643	
St.Mawgan	817	71203	82038	02508	794//	06714	81915	84820	86630
Scilly	804	53611	82258	02809	59460	07710	82916	84625	
Culdrose	809	83305	63626	02608	885//	06812	84820	88635	
Guernsey	894	32210	86030	03509	19432	07818	81812	81916	
Elmdon	534	80000	25656	03709	6542/	09809	86618	88540	
Cardington	559	80502	35216	03210	872//	10812	88705		
Wittering	462	80610	35656	03710	870//	10811	83701	86702	88706
Watnall	354	80412	35026	05010	851//	09808	81702	83704	88650
Shawbury	414	80910	40636	04510	853//	09305	84706	88640	
Finningley	360	70307	56106	05409	2[illegible]372	08807	81709	84360	86075
Spurn Point	396	40516	66131	05511	33570	09708	83925	84360	
Leeming	257	73607	62042	07709	654/1	07002	83614	86650	87080
Tynemouth	262	80817	81026	09610	5567/	08102	85630	88358	
Carlisle	222	71011	65022	08010	25632	08007	82630	86072	
Valley	302	80610	56216	03710	852//	09801	81704	84632	88650
Ringway	334	80502	50606	05011	854//	09805	83618	88650	
Squires Gate	318	80709	50616	05710	5562/	09001	85636	88458	
Ronaldsway	204	60713	59046	05811	684//	08105	81818	86638	
Mull of Galloway	131	60925	65022	07110	3557/	10108	83625	85358	
Eskdalemuir	162	80512	57218	09908	883//	07110	85709	83820	88640
Prestwick	135	50814	70016	09209	38530	07210	81825	83650	85360
Abbotsinch	140	60715	65218	10409	684//	07110	81816	83636	86650
Leuchars	171	70310	70022	12509	763//	07005	87707		
Dyce	091	73303	60031	13707	763//	06003	83708	87710	
Lerwick	005	70414	65021	17209	763//	07002	87707		
Wick	075	70706	80021	15609	754//	08103	84715	87630	
Sule Skerry	010	81214	82021	16310	855//	08114	88625		
Cape Wrath	049	41119	84031	14408	35540	06010	83625		
Stornoway	026	11014	80020	13109	15501	07115	81625		
Benbecula	022	71307	58051	11408	755//	05214	84625	86650	
Tiree	100	70609	62051	10609	25732	07114	82650	86359	
Aldergrove	917	80710	60026	07409	855//	07211	81625	88633	
Malin	980	70721	62106	08511	4547/	08110	81716	84640	86460
Belmullet	976	70413	66608	07110	6547/	08209	83716	84638	85458
Birr	965	80000	70025	04808	7642/	07007	84716	84632	87460
Dublin	969	80808	62216	04510	863//	09207	85706	88720	
Shannon	962	83409	80808	05109	885//	07701	82820	88630	
Roches Point	952	73113	70038	04409	784/2	06701	81818	87635	
Valentia	953	70117	82808	06509	73500	05003	87924		

OBSERVATIONS at 06h. 16 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	70202	03424	01306	760//	05606	87700		
862	13602	60030	00905	12530	04606	81825		
797	71904	45102	01610	45688	09707	84640	86362	87275
776	20000	01464	01607	00902	07606	82075		
775	60000	30108	01209	16432	09706	81710	86072	
772	71901	40101	01210	26332	09604	82708	83362	87070
586	82002	40636	01511	6722/	10603	84703	84707	88540
590	81002	15636	01310	2712/	10505	82702	88540	
497	80000	48636	01512	855//	11706	88625		
502	80507	60808	02409	883//	08400	83708	84812	88630
628	80704	08424	01608	860//	08604	84700	88702	
715	20103	60011	01907	28401	07301	81814		
703	20604	86030	01410	19431	07503	81918		
827	40602	89018	00210	33432	07608	81918	83640	
817	30605	84011	00808	29463	06605	81915		
804	53609	82158	01510	59460	06400	82916	83818	
809	60207	70016	00809	49563	07604	83920	83362	85070
894	71402	80218	99809	7833/	07614	81708	87635	
534	80305	56106	02009	852//	09501	87704	88650	
559	80902	30602	01510	872//	10602	85705	88708	
462	80304	27636	02110	850//	09502	82701	86702	88624
354	81004	25656	02509	872//	09608	88703		
414	80108	50216	02109	863//	08716	85706	88710	
360	80310	38639	03011	873//	11607	84706	88708	
396	70620	56018	02712	6567/	10713	86630	87360	
257	70218	56042	05611	763//	09609	83706	87708	
262	80523	61022	08410	8092/	10603	88458		
222	80607	67216	08111	853//	08502	82709	86618	88640
302	80312	50626	04210	854//	09400	83616	88645	
334	80312	60616	03010	6542/	08618	82710	84645	88457
318	80413	64216	04610	5557/	08808	83620	85640	88359
204	70519	62038	06110	18531	07603	81820	83360	86075
131	50620	81012	08310	15541	09308	81625	84075	
162	70315	63028	09509	684/1	07203	82714	83820	86640
135	70413	65021	10110	784//	08801	82712	83818	85630
140	70613	65211	11110	754//	08500	81712	85615	86620
171	70514	57052	12510	763//	08104	87707		
091	83605	20502	14210	870//	10306	88701		
005	70216	62022	17508	762//	07500	87705		
075	80411	70022	17008	853//	07210	82708	84710	88615
010	80812	82022	17609	855//	08210	88625		
049	81110	70031	17009	853//	08319	83709	88620	
026	10608	82020	16210	18401	07215	81818		
022	30607	82031	14510	15632	07214	81630	83362	
100	70416	85036	13010	15732	07211	81650	85359	
917	30109	63011	09309	15531	07311	81620		
980	20721	70101	11310	28400	07318	81815		
976	60510	60106	10111	664//	09216	82716	84640	
965	80109	56106	06810	864//	08115	86713	88630	
969	80309	59616	06310	862//	09205	84705	88710	
962	80112	57218	07311	854//	09318	83713	88630	
952	73414	70258	04610	754//	08307	81715	87635	
953	70210	80808	07311	734//	09314	87917		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00020	52	iffF	Fffif
862	00010	52	+	jf
797	91091	08	r_o	+
776	00061	03	if	iffF
775	91051	01	r_or_o	+
772	92091	03	$pr_od_or_o$	+
586	21101	10	$rRrrlRRr_or_o$	$rrRr_o$
590	22101	10	r_oRRfrr	$rrRfr_o$
497				
502	02071	02	pr_o	pr_o
628	91061	02	ff	fFff
715	00061	02	jp	+
703	00060	03		
827	02081	06	pr_o	pr_o
817	00071	01	+	+
804	04071	05	pR	pr
809	07061	06	$irrririr_or_or_o$	ir_o
894	02081	03	+	pr_oir_oir
534	09091	08	$r_orRr_or_o$	$r_orRr_or_o$
559	03092	09	$r_or_oir_o$	$r_or_orir_o$
462	28092	09	r_or_orRR	rrRrr
354	25081	09	r_or_orRrr	rrRR
414	13092	08	$rrRr_or_o$	r_or_orr
360	10091	07	tlRr	r_orR
396			pr_o	+
257	00090	07	+	+
262	97100	09	ir_o	+
222	97090	07	d_or_o	$d_or_od_or_o$
302	07092	09	rr	rr
334	05091	08	$r_or_od_or_oir_o$	$r_or_oir_o$
318	01091	07	r_or_or	r_or_o
204	92091	07	pr	r_o
131	00090			
162	97071	06	r_opr_o	d_or_o
135	91080	07	r_o	+
140	92090	07	pr_oir_o	r_o
171	00090	06	+	+
091	97050	02	+	d_o
005	00070	08	+	+
075	00080	08	+	+
010	00080	07		
049	00070	07	+	+
026	00070	04	+	+
022	00060	51	+	+
100	91080	05	r_o	+
917	97081	07	r_or_o	+
980	9710	08		
976	0109	08		
965	9508	06		
969	0309	10		
962	0109	06		
952	0108	07		
953	9309	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_vs_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16001	92406	93514	25009	9////	00106	/////	/////	00209	10875	3//01	///04
L	99572	70204	16004	73010	97033	13509	784//	00114	82815	86630	0//06	11060	30402	23007
M	99653	10014	16004	80515	98255	21707	853//	00105	88606	/////	0//07	10992	30402	99/02
R	99469	70170	16004	73526	97256	16912	3247/	00215	83815	86359	0//10	11381	30604	29905

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	16061	82208	96285	24310	864//	00604	/////	/////	00210	10880	30402	/////
L	99572	70205	16064	73108	97258	15909	4843/	61218	82815	83630	0//06	11061	30302	23005
M	99653	10012	16064	80310	95502	21706	862//	00400	88704	/////	0//06	10948	30301	99/02
R	99468	70169	16064	33423	98021	19312	38502	00216	82820	/////	0//06	11394	30706	/////

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. 42576

Date of Issue SATURDAY 17 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 16 June 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	40705	84034	00915	48602	05705	84832		
Hurn	862	51105	80021	00715	48603	07703	83830		
Manston	797	70907	81032	02415	28588	08301	81825	85360	87272
Gatwick	776	41107	84014	01216	42602	04803	84835		
Kew	775	41303	81031	01315	32604	04802	83830		
Heathrow	772	41307	80021	01315	32604	05502	83830	83070	
Honington	586	70608	75026	02815	58532	08210	84824	83656	86073
Wattisham	590	71206	62016	02615	38532	09209	82822	86075	
Gorleston	497	71210	62036	03714	3257/	10218	83825	86360	
Aberporth	502	83609	58638	03110	852//	10001	85705	88615	
Filton	628	60303	65024	01315	42531	09801	84820		
Rhoose	715	61505	59051	01514	58432	09202	83817	84656	
Hartland Point	703	63610	60051	02213	32531	08303	83820	83360	86075
Mount Batten	827	70606	83021	00713	785//	07204	81820	83825	87650
St.Mawgan	817	43413	86030	01613	38444	08205	83816		
Scilly	804	33612	81021	03115	38402	09206	83818		
Culdrose	809	40113	81011	01413	48503	06000	83820		
Guernsey	894	80909	60638	99709	7232/	08302	83706	85809	88540
Elmdon	534	80507	62216	02711	7832/	09307	81708	84815	86656
Cardington	559	70802	57056	02015	62532	11104	82820	83825	85830
Wittering	462	70902	75016	02913	52431	10313	85815		
Watnall	354	81702	56616	03610	7522/	09313	83703	87626	88550
Shawbury	414	80603	56636	02911	853//	10307	83709	83618	87625
Finningley	360	80513	50596	04613	853//	12215	85709	88650	
Spurn Point	396	80518	40616	05312	864//	11220	88712		
Leeming	257	20525	82021	06818	11502	07305	81825		
Tynemouth	262	10620	69021	10212	00908	10107	81275		
Carlisle	222	60821	80031	08916	58532	10303	84822		
Valley	302	70321	65026	03315	29568	10813	82920	85358	87270
Ringway	334	80718	58616	03213	5831/	11309	81709	84818	88459
Squires Gate	318	70625	68036	04519	32502	09302	83825	86075	
Ronaldsway	204	70425	75016	06717	18438	09001	81818	87270	
Mull of Galloway	131	60830	81011	08617	22501	12804	82825	86075	
Eskdalemuir	162	50418	75022	11114	58400	07105	84818		
Prestwick	135	10724	75011	11616	11541	08008	81822		
Abbotsinch	140	20820	80021	12018	22502	07501	82828		
Leuchars	171	70618	66031	14213	3543/	09111	81710	83650	85359
Dyce	091	73511	82018	15813	754//	09005	85712	87635	
Lerwick	005	30121	65011	18111	35501	07801	82625		
Wick	075	70412	75012	18911	754//	08305	82710	87618	
Sule Skerry	010	80513	78022	19510	855//	08209	88625		
Cape Wrath	049	80912	80022	19409	855//	07211	88620		
Stornoway	026	60514	80031	19511	663//	09216	83708	85710	
Benbecula	022	10613	86020	17416	11602	08216	81830		
Tiree	100	10319	86011	14816	11602	10209	81835		
Aldergrove	917	20515	65011	10316	12402	10002	81818		
Malin	980	10219	84011	13513	15602	08209	81640		
Belmullet	976	30218	65051	13214	32502	09214	83820		
Birr	965	70216	70022	09214	785//	07108	83821	86636	
Dublin	969	83616	66216	07911	856//	09203	83630	88650	
Shannon	962	80315	65032	09714	885//	08210	84825	86640	
Roches Point	952	83319	58608	07212	6647/	09207	85713	88459	
Valentia	953	70118	65028	10414	52402	09214	85819	85070	

OBSERVATIONS at 18h. 16 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	70614	81021	01216	786//	04303	81835	84650	87657
862	71606	81038	00516	58633	07603	83830	85645	85070
797	30517	56051	02613	11331	11301	81809	83080	
776	10718	82011	01815	18603	07309	81835		
775	50712	78021	02016	42661	07207	84835		
772	50616	81031	02017	28661	07307	82840		
586	50508	70018	04214	12432	09309	81816	84072	
590	50710	64018	03814	48402	09206	83815	83075	
497	50314	66026	04712	52570	10203	85825	85360	
502	70312	70036	05013	28406	10216	81812	87275	
628	30207	65011	02414	32501	11207	83825		
715	10410	62018	02216	18501	07106	81825		
703	40310	62050	02713	12571	10209	81820	84360	
827	32505	72258	01713	38530	09205	82828		
817	20112	80020	01714	29403	09104	81912		
804	50312	56031	03014	42401	10301	84818	83075	
809	50109	70011	02314	48460	07207	82818	83630	85360
894	80108	75616	00209	7532/	09301	82708	86633	87650
534	70411	66012	04713	48418	10211	82812	83464	87270
559	60510	62258	03414	59532	12206	82925	83830	85075
462	70515	65218	04813	6543/	10210	84710	84635	
354	80414	35636	06411	872//	11211	88704		
414	80208	57616	06112	5522/	11212	81704	84630	88459
360	80208	45636	07212	6542/	11211	82710	85640	88556
396	80516	40216	07011	865//	10209	88720		
257	20415	70030	09814	25401	09217	82615		
262	40220	61021	12211	10934	10210	81359	84075	
222	40417	82011	11815	28601	09318	82835	83075	
302	80612	69626	06213	874//	10220	88710		
334	80812	40616	07013	854//	11214	81710	83715	88645
318	60617	81012	08116	18502	08221	81827	86075	
204	40524	83011	09317	10938	07220	81362	84270	
131	50828	82031	11215	12505	11218	81825	85075	
162	70217	70032	14010	724//	07316	83712	86824	
135	70721	65021	14015	18542	08217	81824	87072	
140	20715	65051	14415	18502	09318	81824		
171	70819	70032	16311	45332	08315	82709	83622	85363
091	73515	75022	17211	754//	07306	81712	87615	
005	80119	68021	18609	853//	08306	85706	88615	
075	70211	81022	19611	755//	07304	82620	87624	
010	80518	84032	20310	855//	08500	88625		
049	80911	80022	20709	855//	08211	88620		
026	60420	80031	20110	65400	08304	86618		
022	10311	86021	18417	15600	09307	81635		
100	13514	87011	16015	15602	11306	81637		
917	30518	80020	12617	18642	07317	81840		
980	70223	83011	14213	38532	10304	81826	85075	
976	10120	74020	14814	11501	10304	81820		
965	70515	82032	10017	525/2	06311	85824	84070	
969	60225	75022	09016	12538	04220	81825	86273	
962	40213	70016	09618	22532	10502	82825	83075	
952	80215	65806	07913	6847/	11313	85817	84637	88459
953	73618	59052	11314	785//	10106	85824	85640	

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	97170	074	+	pr$_o$
862	92170	091	+	pr$_o$
797	00161	084	+	+
776	00181	104	+	+
775	00181	098	+	+
772	00191	079	+	+
586	97161	022	pr$_o$	+
590	97150	034	+	pr$_o$
497		020		
502	03131	019	ir$_o$r$_o$r$_o$r	+
628	94171	071	+	pr
715	97160	080	+	pr$_o$
703	00140	147		
827	94161	085	pr$_o$	pr$_o$
817	00150	147	+	+
804	00160	133	+	+
809	01141	107	+	pr$_o$
894	25102	001	pr$_o$rRr$_o$r$_o$	r$_o$r$_o$rR
534	01151	010	rr$_o$r$_o$	pr$_o$ir$_o$
559	97171	026	ir$_o$	pr$_o$
462	05151	018	rRr$_o$	pr$_o$r$_o$
354	18121	000	r$_o$rRir$_o$	r$_o$rRrr
414	12121	000	rrRr$_o$	r$_o$r$_o$r
360	08141	000	r$_o$d$_o$r$_o$drdrRr	r$_o$r$_o$rR
396			ir$_o$r$_o$r$_o$	ir$_o$r$_o$r$_o$
257	00180	106	+	+
262	00120	101	+	+
222	00190	097	+	+
302	04161	013	rr$_o$	r$_o$r$_o$r
334	03151	001	r$_o$rr$_o$r$_o$	r$_o$rr$_o$r$_o$
318	00200	040	+	+
204	97190	049	r$_o$	+
131	00180			
162	97161	076	+	r$_o$
135	00190	106	+	+
140	00200	111	+	+
171	00150	042	+	+
091	97140	014	pr$_o$	+
005	97120	022	+	id$_o$
075	00120	010	+	+
010	97130			
049	00100	000		
026	00120	120	+	+
022	00190	147	+	+
100	00170	143	+	+
917	00190	104	+	+
980	0014	094		
976	0015	142		
965	0019	025		
969	0217	062		
962	9719	017		
952	0217	008		
953	9216	042		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

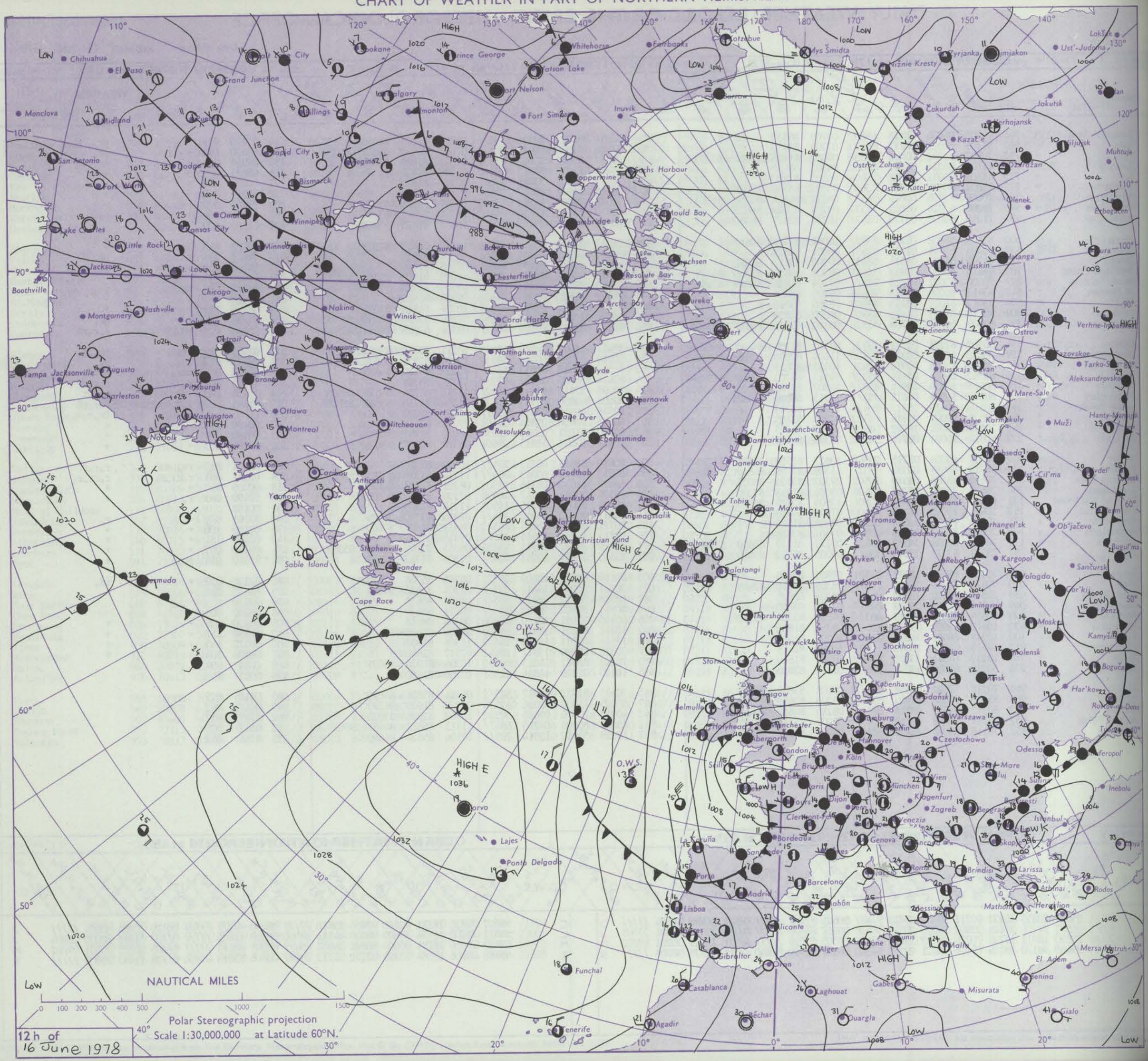
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16121	92111	93454	23810	9////	00605	/////	/////	00411	10898	30604	/////
	99571	70206	16124	23502	98038	20711	18530	00217	81820	/////	0//06	11121	30201	23005
	99653	10011	16124	70710	97012	23907	75400	00305	87615	/////	0//05	10927	30201	99/02
	99469	70170	16124	63426	98021	22212	68500	00211	82720	84640	0//06	11375	30708	/////

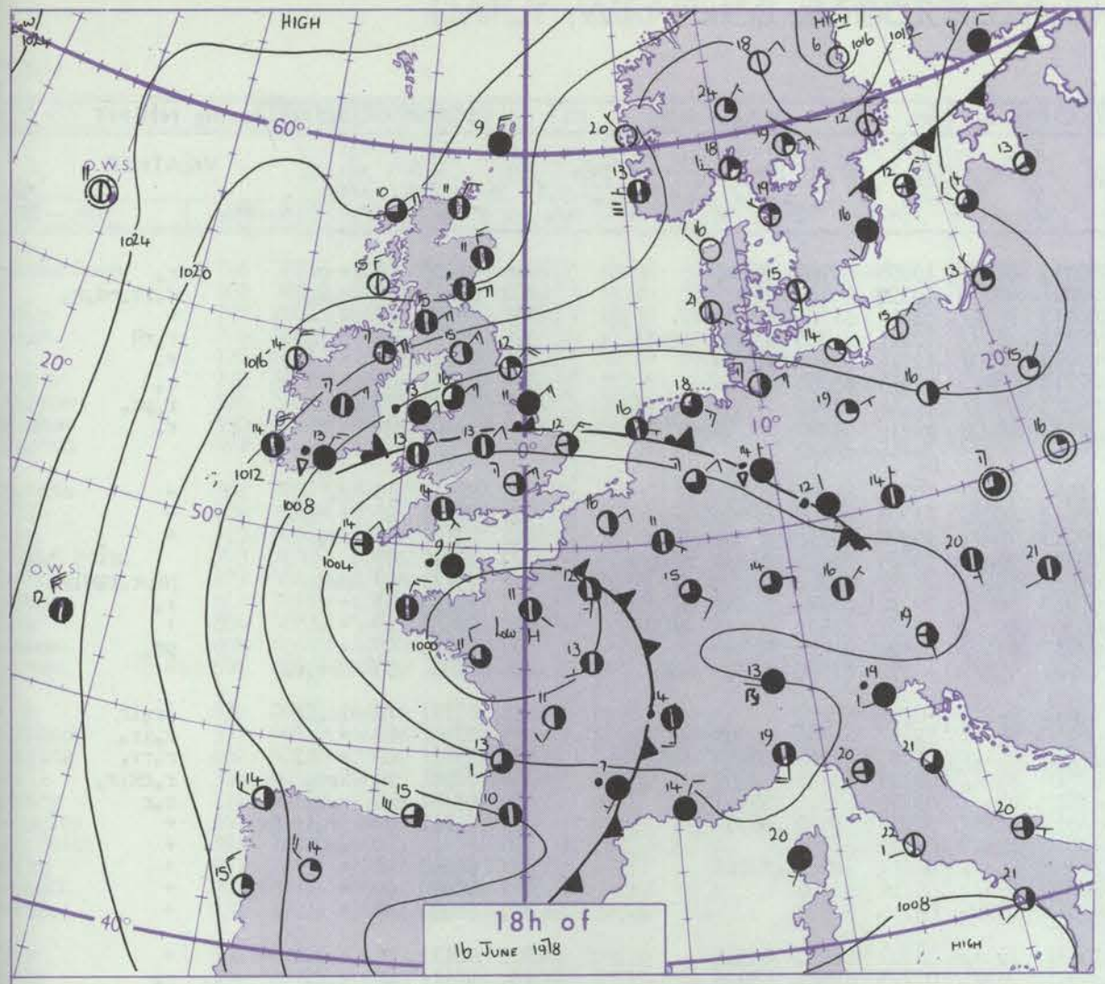
OCEAN WEATHER STATION REPORTS at 18h.

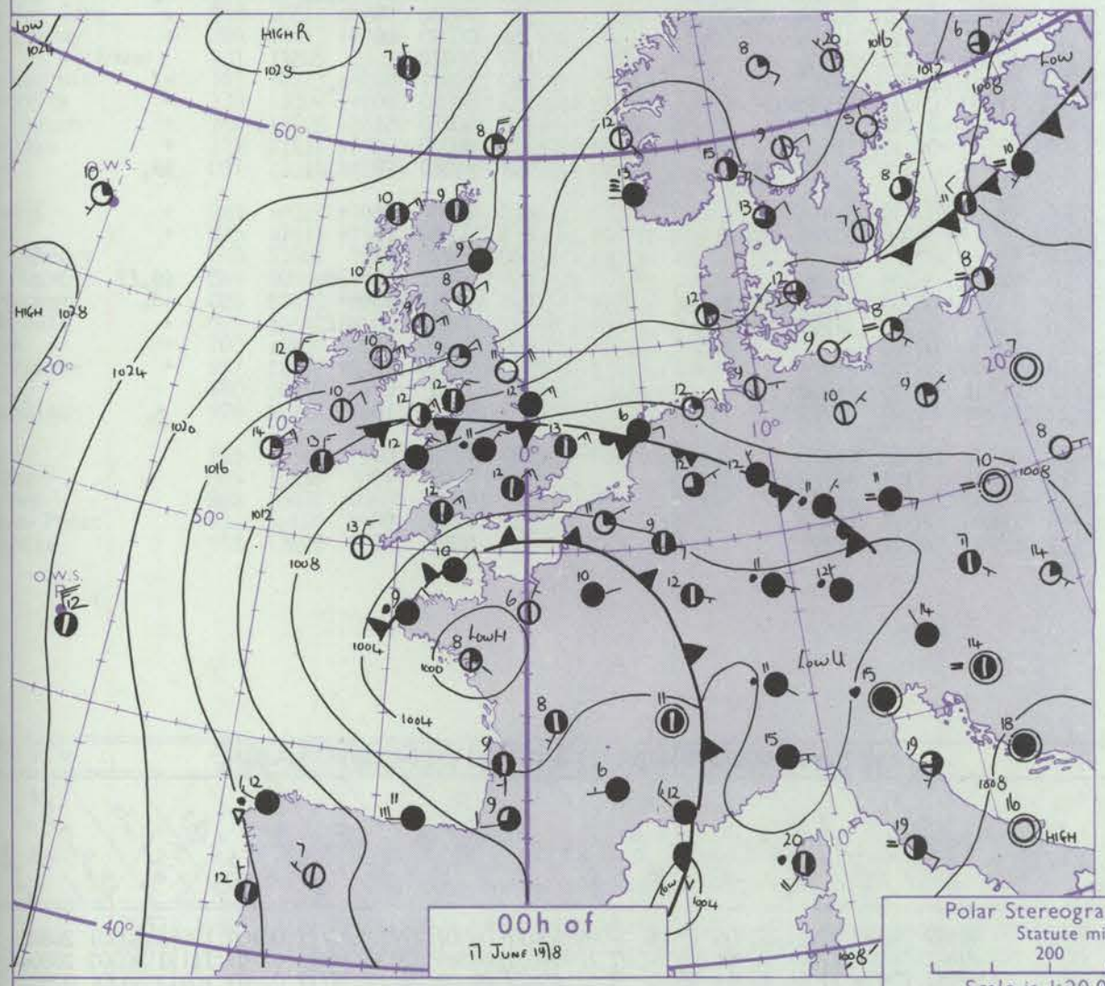
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	16181	92110	93454	23810	9////	00400	/////	/////	00310	10894	30604	/////
	99571	70205	16184	10000	98020	24411	18500	00219	81825	/////	0//07	11218	30000	28904
	99653	10010	16184	80609	98022	24907	854//	00305	88615	/////	0//05	10935	30301	99/02
	99468	70166	16184	73325	97252	21712	784//	00806	83816	87650	0//08	11443	30809	/////

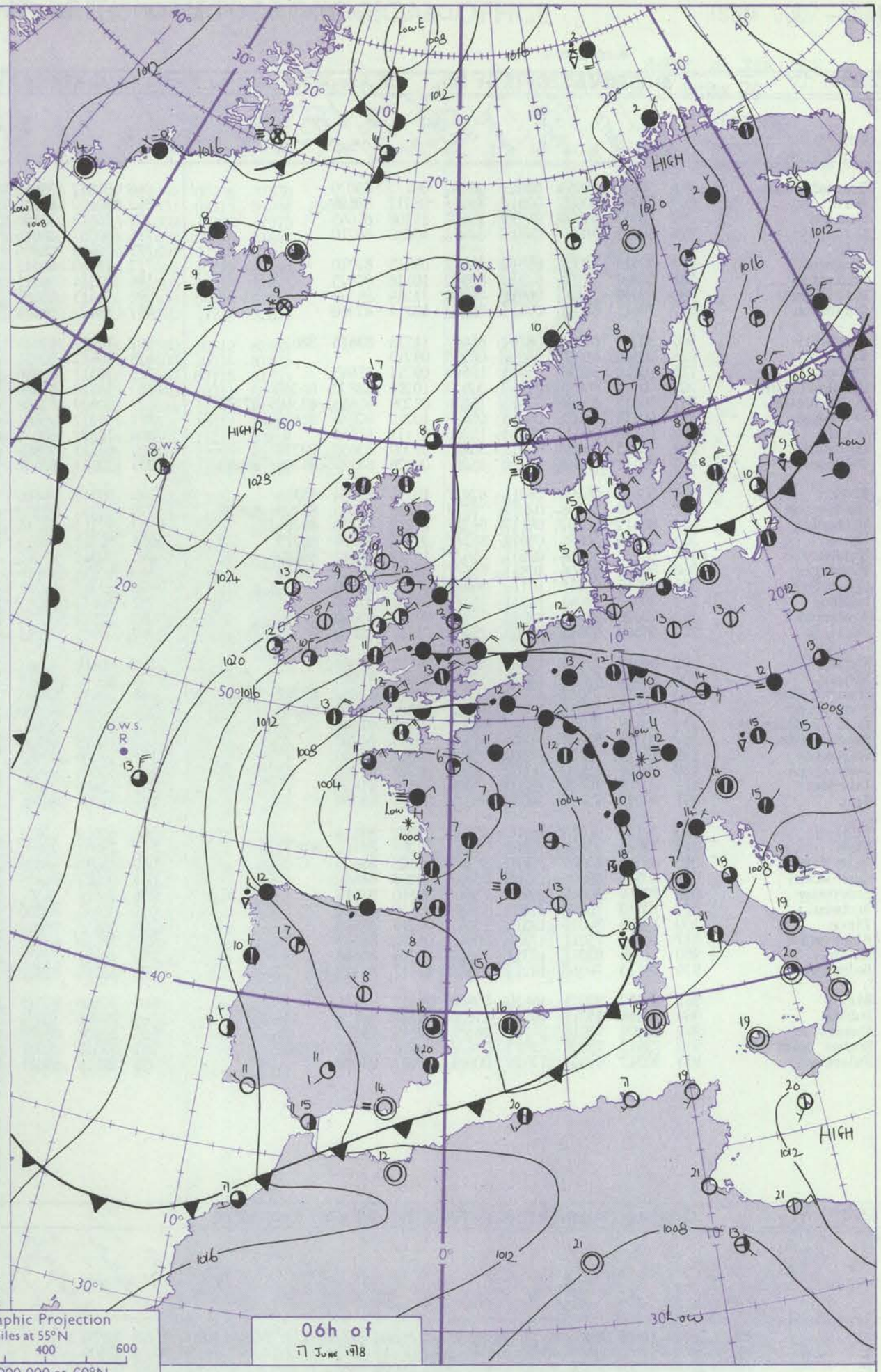
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SATURDAY 17 JUNE 1978

During the past 24 hours a depression over Brittainy moved very slowly southwards whilst a ridge of high pressure developed between Scotland and Iceland, giving a strong northeasterly airflow over the British Isles.

During the next 24 hours little change is expected in the pressure distribution but the ridge is expected to move slowly southeastwards towards Scotland.

Code FM 11.V

OBSERVATIONS at 00h. 17 June 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	50310	58058	04811	00902	09112	85070		
Hurn	862	80311	80028	03612	855//	08212	88624		
Manston	797	20513	45050	04713	15601	11108	81645		
Gatwick	776	80611	50601	04812	874//	10210	88710		
Kew									
Heathrow	772	70413	57051	05512	764//	09315	87710		
Honington	586	20307	15101	07310	00902	10116	82075		
Wattisham	590	40309	25101	06911	40930	11214	84359		
Gorleston	497	70615	66031	07413	7097/	13214	87360		
Aberporth	502	80314	62212	08712	854//	11215	83615	88625	
Filton	628	00510	65028	06210	00900	09213			
Rhoose	715	10510	64018	05711	15600	09211	81645		
Hartland Point	703	40115	74021	05712	32570	10214	83820	84360	
Mount Batten	827	70312	65038	03513	15736	09209	81656	83360	87275
St.Mawgan	817	60214	65031	04813	68400	10210	82818	85645	
Scilly	804	10116	66021	06213	15700	11111	81656		
Culdrose	809	50313	58038	04712	35760	09209	83650	83359	
Guernsey	894	80411	75216	01210	852//	09306	82703	84706	88640
Elmdon	534	80414	56608	08011	872//	10214	82704	88706	
Cardington	559	70410	57108	07012	752//	12218	82705	85709	86620
Wittering	462	80412	40102	08112	862//	11218	83703	88704	
Watnall	354	80314	50056	09611	863//	09115	82709	88712	
Shawbury	414	80215	50046	09111	854//	10212	84612	88620	
Finningley	360	80209	65606	10811	856//	09218	85635	88650	
Spurn Point	396	80515	66216	10112	8092/	09217	88460		
Leeming	257	70312	58041	14211	764//	09220	87710		
Tynemouth	262	70226	69021	15910	755//	09215	87620		
Carlisle	222	20509	67011	16209	25500	07114	82620		
Valley	302	40417	75016	11812	30972	08123	83360		
Ringway	334	80412	62606	11311	856//	08221	88645		
Squires Gate	318	70315	75032	12412	35732	08116	83650	83362	87075
Ronaldsway	204	40519	80011	13910	11532	07322	81820	84070	
Mull of Galloway	131	10828	81011	15610	10940	10019	81360		
Eskdalemuir	162	80214	58606	17708	873//	06114	88708		
Prestwick	135	10718	70011	17309	15602	06015	81630		
Abbotsinch	140	10407	65050	18609	15400	07218	81715		
Leuchars	171	10709	70021	19308	15500	05113	81620		
Dyce	091	83310	75022	20009	863//	07214	88709		
Lerwick	005	30120	65015	19908	35400	07002	83616		
Wick	075	73611	75022	21609	754//	07208	85712	87620	
Sule Skerry	010	80516	80502	22410	855//	08208	88625		
Cape Wrath	049	80515	80022	22209	855//	08208	88620		
Stornoway	026	70514	80022	22710	754//	08110	87618		
Benbecula	022	10410	70400	21209	15400	08110	81712		
Tiree	100	13616	84010	19310	15641	09216	81640		
Aldergrove	917	10613	75011	17310	10940	06222	81365		
Malin	980	11106	82011	18311	15601	09224	81648		
Belmullet	976	30115	74010	18212	35400	11117	81718		
Birr	965	10308	80021	14610	15600	06117	81634		
Dublin	969	10316	75011	14011	15630	08220	81635		
Shannon	962	23202	75018	14710	18501	09119	81825		
Roches Point	952	73613	75028	11813	784//	07118	81817	87637	
Valentia	953	30317	65021	13914	00901	11207	83070		

OBSERVATIONS at 06h. 17 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
	746	80312	35052	07912	853//	10220	82708	88640	
	862	80102	65616	07011	853//	10224	86706	88615	
	797	70513	33106	06913	1628/	13215	81704	87362	
	776	80307	24616	07113	852//	12217	82705	85708	88645
	775	70408	28606	07713	2733/	11314	82708	87358	
	772	70310	40211	07713	753//	11315	83708	87656	
	586	70314	56211	09913	3567/	11218	83645	84360	86364
	590	70413	45051	09113	16238	11216	81705	85363	87275
	497	80422	58216	10113	855//	11218	88620		
	502	70417	63016	12411	7533/	10225	81708	87613	
	628	80412	30051	09612	862//	11226	85705	88709	
	715	70511	60036	09213	754//	10227	82711	87614	
	703	50418	63016	08312	25431	10219	82615	84360	85075
	827	80409	57808	07411	884//	10231	81715	86820	88635
	817	70212	58601	07312	5567/	10216	85640	85358	87460
	804	70322	60021	08313	15532	11221	81625	83365	86075
	809	60513	65808	07412	33560	09320	83920	86360	
	894	70513	80031	04611	623/2	10225	83706	84809	86070
	534	80312	56606	11411	873//	10219	88708		
	559	80414	40102	09412	862//	12312	84705	86708	88712
	462	80313	57616	11312	6542/	11220	82710	86650	88459
	354	80211	65616	13710	3567/	09325	83635	88359	
	414	80312	63212	13111	854//	09224	83614	88623	
	360	50111	70016	14312	35732	08223	83650	83359	
	396	20319	62011	13612	10942	09222	81360		
	257	70116	64042	17510	764//	08217	82711	87715	
	262	73624	66022	19010	755//	09216	87620		
	222	20905	70011	19312	25500	08216	82620		
	302	40316	70011	15411	15782	08222	81650	83358	
	334	40522	68016	14511	38501	07223	81825	83645	
	318	30412	68011	16211	15742	07321	81650	83075	
	204	10313	82020	17111	18431	06323	81816		
	131	10515	80020	19210	12500	09223	81825		
	162	70313	68036	20208	764//	06314	87710		
	135	11009	70011	20610	15500	06214	81620		
	140	20506	65051	21009	25400	07212	82617		
	171	12605	75020	20908	15500	06211	81620		
	091	83316	80205	21009	863//	07305	82707	88709	
	005	63619	65051	21508	65400	07310	86616		
	075	73511	75022	22909	754//	06207	82712	87618	
	010	80210	66025	23409	855//	07305	88625		
	049	90707	04435	23808	9////	08209	89/00		
	026	70514	56501	24009	772//	08208	83705	87709	
	022	30514	80030	22910	35200	08209	81705	83630	
	100	00115	86010	21211	00900	09309			
	917	10310	65020	20109	15500	06318	81625		
	980	10707	72010	21111	11501	09315	81820		
	976	10215	62100	20713	16400	11320	81717		
	965	10106	62010	18108	00902	06323	81070		
	969	70216	70031	17810	764//	07322	87712		
	962	13507	75020	18110	18502	07320	81823		
	952	43517	70031	14810	35602	08323	83640		
	953	20510	65011	17412	11502	09221	81821		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
	746	91100	08	+	r_o
	862	01111	10	r_or_o	d_orr_o–d_or_o
	797	96121	11	R	+
	776	04111	09	r_or_o	r_orR
	775	97110	08	+	r_o
	772	97111	09	+	r_o
	586	97101	09	+	r_opr_o
	590	91101	09	+	r_o
	497				
	502	97111	10	r_o	+
	628	00101	09	+	+
	715	97110	08	ir_o	+
	703	97110	09		
	827	01111	09	pr_o	$prpr_or_od_or_o$
	817	97110	07	+	r_o
	804	00120	10	+	+
	809	97110	09	+	pr_o
	894	02081	05	Rrr_or_o	+
	534	02111	10	ir_oir	ir_oir
	559	97101	08	+	r_oir_o
	462	95111	09	+	r_orr_o
	354	02101	09	Rrr_o	r_orRir_o
	414	03101	10	rrr_o	r_or
	360	01111	09	ir_oirrRr_o	+
	396			ir_o	+
	257	00090	08	+	+
	262	00090	09	+	+
	222	00090	06	+	+
	302	00111	08	+	+
	334	93111	09	r_or_o	r_o
	318	00100	08	+	+
	204	00090	08	+	+
	131	00070			
	162	97071	07	r_o	+
	135	00080	06	+	+
	140	00050	51	+	+
	171	00030	02	+	+
	091	97080	08	d_od_o	id_o
	005	00070	06	+	+
	075	00080	08	+	+
	010	93080	08		
	049	97071	06	id_o	id_off
	026	97091	08	+	id_o
	022	00080	06	jf	+
	100	00090	07	+	+
	917	00080	06	+	+
	980	9709	05		
	976	9711	10		
	965	9706	03		
	969	0009	09		
	962	9707	03		
	952	9710	08		
	953	0011	09		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17001	92405	93514	24709	9////	00308	/////	/////	00109	10904	3//01	22/04
L	99571	70205	17004	21903	98020	27610	15601	00113	81635	/////	0//07	11156	30201	28804
M	99653	10010	17004	83508	98022	25507	854//	00000	88612	/////	0//04	10920	30301	07703
R	99466	70162	17004	83425	97818	22312	884//	00400	84815	88650	0//10	11453	30910	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17061	82206	97806	24009	834//	00507	/////	/////	00109	10881	30301	26803
L	99572	70204	17064	31909	98030	27710	25631	00305	82630	/////	0//07	11121	30302	28804
M	99653	10009	17064	83311	98022	25107	854//	00400	88612	/////	0//05	10912	30201	07803
R	99464	70157	17064	63525	98028	21313	68500	00501	84820	83640	0//07	11421	30910	/////

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. 42577

Date of Issue SUNDAY 18 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 17 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_lh_sC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Boscombe Down	746	70316	65026	12016	784//	10220	83713	83818	87657
Hurn	862	70319	60806	10317	785//	11310	83825	86650	
Manston	797	80316	59212	10814	8097/	10220	84359	88361	
Gatwick	776	80413	60212	11316	7853/	11322	81820	87640	
Kew	775	80611	68216	11917	855//	09119	81620	88645	
Heathrow	772	80515	65606	11817	884//	10218	81818	84635	88650
Honington	586	10516	83038	13818	11601	09221	81833		
Wattisham	590	10418	80026	13018	11500	09221	81823		
Gorleston	497	80424	60022	14113	00907	10233	88275		
Aberporth	502	70312	68012	16215	12532	10116	81825	86075	
Filton	628	70518	75256	13119	784//	12114	81712	86640	
Rhoose	715	30518	66258	13017	38500	09119	81820	83645	
Hartland Point	703	70322	62021	13215	754//	12224	83710	87625	
Mount Batten	827	50416	60018	11117	58400	11216	81818	85630	
St.Mawgan	817	70116	62028	12315	784//	11221	84818	85630	
Scilly	804	50322	56012	13016	45470	12222	84616		
Culdrose	809	70616	57058	11816	4251/	10218	84824	87460	
Guernsey	894	70416	82602	09512	1147/	09121	81812	86358	
Elmdon	534	20521	68016	16115	21541	09222	82822		
Cardington	559	50118	64036	13818	51400	15222	85818		
Wittering	462	40220	73016	15715	41400	10121	84818		
Watnall	354	40316	66016	18214	41500	09125	84820		
Shawbury	414	30519	73036	16918	31501	11117	83826		
Finningley	360	30114	74011	18415	31400	09117	83817		
Spurn Point	396	70220	60011	18412	755//	10222	87620		
Leeming	257	80217	62202	21811	863//	09327	84708	88710	
Tynemouth	262	80124	69022	22710	855//	08223	88625		
Carlisle	222	20211	84021	21216	25601	10108	82630		
Valley	302	00318	70010	19416	00900	09221			
Ringway	334	20725	70020	18416	22600	08219	82830		
Squires Gate	318	20811	80030	18921	28500	11216	81827		
Ronaldsway	204	13615	82020	20318	12500	09115	81828		
Mull of Galloway	131	11805	80020	21617	11500	12209	81825		
Eskdalemuir	162	10213	80021	21515	18501	07000	81822		
Prestwick	135	43009	76030	22218	11604	09206	81830	84080	
Abbotsinch	140	13602	80020	22319	00901	08001	81078		
Leuchars	171	21111	80020	23013	11502	08108	81820		
Dyce	091	23516	82025	23014	15501	07206	81620		
Lerwick	005	10217	70021	23611	15501	09216	81620		
Wick	075	43611	75021	24913	38401	07210	81818	83622	
Sule Skerry	010	83606	74022	25711	855//	08208	88625		
Cape Wrath	049	80510	70024	25909	854//	07205	88615		
Stornoway	026	60412	80015	25911	654//	08007	86617		
Benbecula	022	10612	88011	24814	15400	08103	81617		
Tiree	100	13409	86020	23814	00901	10210	81078		
Aldergrove	917	13606	82020	22019	11500	05106	81820		
Malin	980	00209	84020	23613	00900	10210			
Belmullet	976	50218	74031	23614	554//	11116	82717	84636	
Birr	965	10513	75020	20818	11500	07213	81824		
Dublin	969	10314	70011	20915	12500	07214	81828		
Shannon	962	10407	80020	20518	11500	09209	81823		
Roches Point	952	50114	60021	18417	564//	12114	85716		
Valentia	953	13616	70020	20916	11500	10221	81821		

OBSERVATIONS at 18h. 17 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_lh_sC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	20318	77028	14317	11642	08216	81830		
862	30321	65018	12320	11631	03111	81838	83075	
797	10222	65021	12415	00902	11308	81075		
776	20415	82016	13018	11632	06216	81845		
775	20319	80021	13819	21600	07214	82845		
772	10119	81016	13818	11601	10212	81840		
586	10220	75030	16314	11500	09212	81825		
590	10325	80020	14716	10930	09108	81362		
497	20232	60021	15813	21500	11210	82825		
502	10312	66011	18116	11500	10312	81825		
628	10619	82021	15918	18600	10214	81835		
715	10514	78020	15418	11640	07115	81835		
703	10215	66050	15615	10940	10311	81360		
827	60412	68258	13419	38631	11211	81835	83656	
817	40215	70011	14317	38531	10112	82825		
804	40321	56021	15814	48401	11212	83818		
809	73609	60258	14515	784//	12221	83815	85645	
894	80615	56616	11412	854//	11108	82710	87630	
534	00417	75010	17617	00900	07308			
559	10314	65031	16813	12600	11121	81830		
462	10418	75010	18313	16400	09214	81710		
354	00313	80020	19316	00900	10109			
414	10515	75020	18517	11600	11209	81830		
360	03610	80010	20016	00900	09307			
396	80224	60012	20011	855//	09308	88625		
257	00212	60045	21713	00900	08602			
262	73515	80022	23211	3553/	08102	83625	86358	
222	10406	84010	21718	00901	10205	81075		
302	00214	75020	20418	00900	10307			
334	00315	75020	19318	00900	07105			
318	00606	75020	20321	00900	09205			
204	10311	86020	21319	00901	10306	81075		
131	10505	80020	22017	12500	13204	81825		
162	10308	84020	22216	10930	05000	81362		
135	22606	81020	22019	11601	09500	81835		
140	10711	80020	21821	11601	10302	81832		
171	21007	70020	23612	11502	08000	81820		
091	23512	84030	23214	00901	08302	82075		
005	10216	70020	23810	18400	08602	81815		
075	33610	75021	24812	15641	08301	81640		
010	83607	80022	25510	855//	08500	88625		
049	70711	74032	25709	755//	07103	87620		
026	20515	81021	25810	15501	07305	81620		
022	33614	84020	25013	15502	09002	81620		
100	23415	89020	23913	00901	11203	82075		
917	10210	82020	22122	00901	05400	81070		
980	23411	84030	24313	12402	10102	81714		
976	50216	76011	24813	584//	10007	82718	83820	
965	10610	83010	21720	11500	05306	81828		
969	10312	84030	21318	00901	06101	81075		
962	10611	82030	21321	11601	08205	81835		
952	13512	80021	20020	11400	06211	81818		
953	10115	75010	21518	15600	10204	81630		

OBSERVATIONS during DAY

iii	RRT x T E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	97190	058	pr_o	+
862	92200	046	d_opr_o	pr_o
797	97170	075	r_o	+
776	97201	070	r_o	+
775	92210	074	rr_o	+
772	93210	065	rr_o	+
586	00190	111	+	+
590	00190	107	+	+
497		122		
502	00180	087	+	+
628	97210	088	r_opr_o	+
715	97200	109	pr_o	+
703	00160	103		
827	97201	055	$d_or_opr_o$	pr_o
817	97190	052	pr_o	+
804	00170	075	+	+
809	95190	040	ir_o	pr_o
894	01141	009	ir_o	$ir_oirr_or_o$
534	00181	109	+	+
559	97190	094	ir_o	+
462	00171	112	+	+
354	00171	111	+	+
414	00190	115	+	+
360	00181	126	+	+
396			+	+
257	97130	057	d_o	+
262	00110	024	+	+
222	00190	141	+	+
302	00180	141	+	+
334	00181	143	+	+
318	00210	152	+	+
204	00210	156	+	+
131	00190			
162	00171	109	+	+
135	00220	153	+	+
140	00230	149	+	+
171	00150	150	+	+
091	00150	111	+	+
005	00120	137	+	+
075	00140	116	+	+
010	00110			
049	97100	054	id_o	+
026	00120	085	jp	+
022	00160	150	+	+
100	00150	053	+	+
917	00220	158	+	jf
980	0014	138		
976	0015	124		
965	0020	148		
969	0019	127		
962	0022	154		
952	0021	121		
953	0019	131		

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

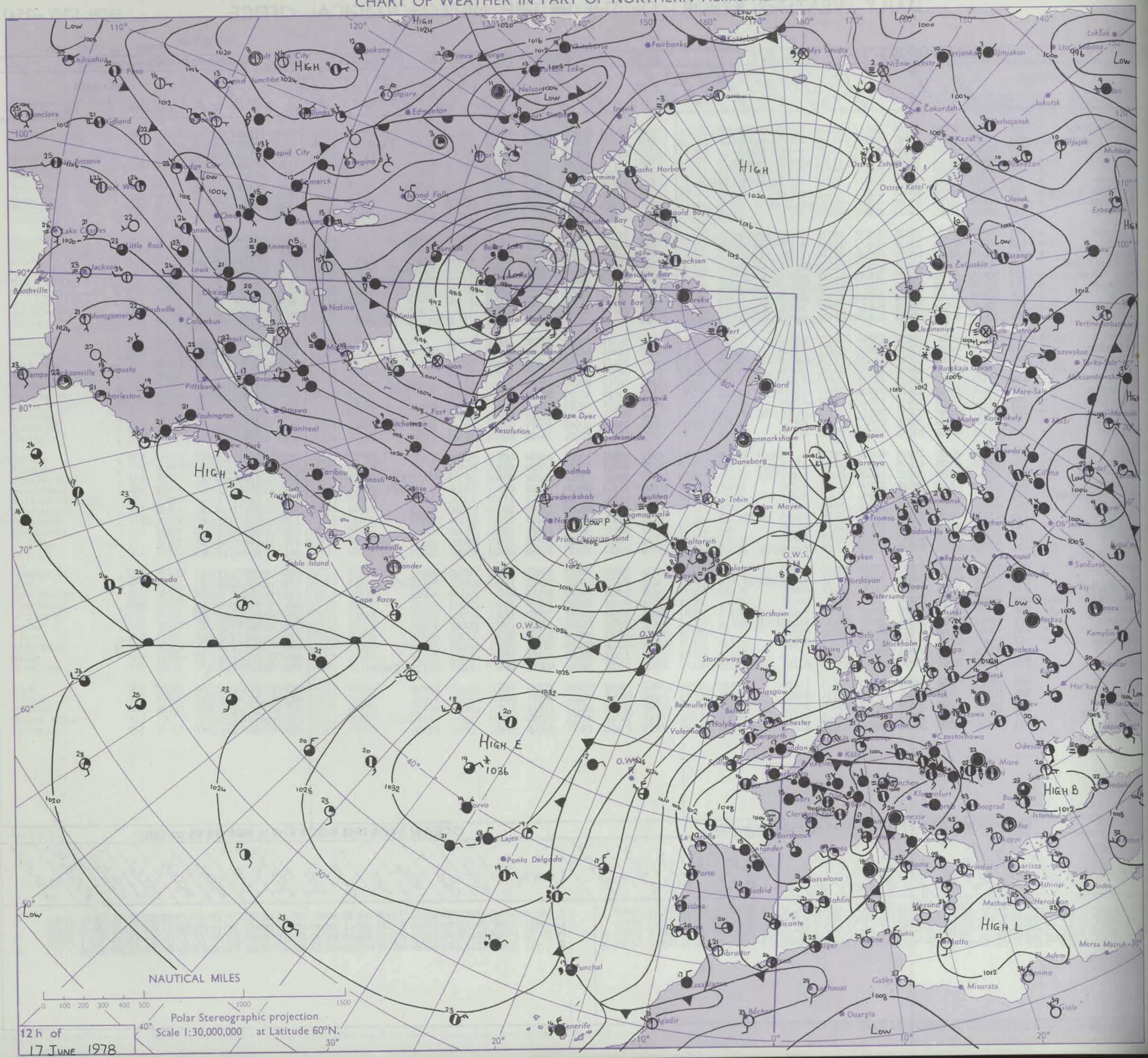
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_lh_sC_MC_H$	D_svsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17121	82606	98028	25209	2555/	00204	/////	/////	00008	19902	30301	26803
L	99572	70204	17124	42017	98011	27310	15621	00809	81630	83360	0//08	11119	30403	29904
M	99652	10008	17124	83312	98022	24707	854//	00701	88612	/////	0//06	10919	30301	07803
R	99462	70154	17124	53522	98012	22313	58500	31205	85820	83640	0//09	11397	30910	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_lh_sC_MC_H$	D_svsapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	17181	72606	98032	26609	62502	00307	/////	/////	00108	10958	30301	26803
L	99573	70202	17184	82023	98011	25010	3547/	00814	82712	83358	0//09	11108	30404	26905
M	99651	10010	17184	83212	96102	24007	853//	00804	88608	/////	0//07	10985	30301	99/02
R	99461	70153	17184	83524	97022	22413	885//	00301	83820	87630	0//12	11409	30909	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Low
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1016
1012
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1000
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Low 980
High 1036
Low 1004
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High 1020
Low 1004
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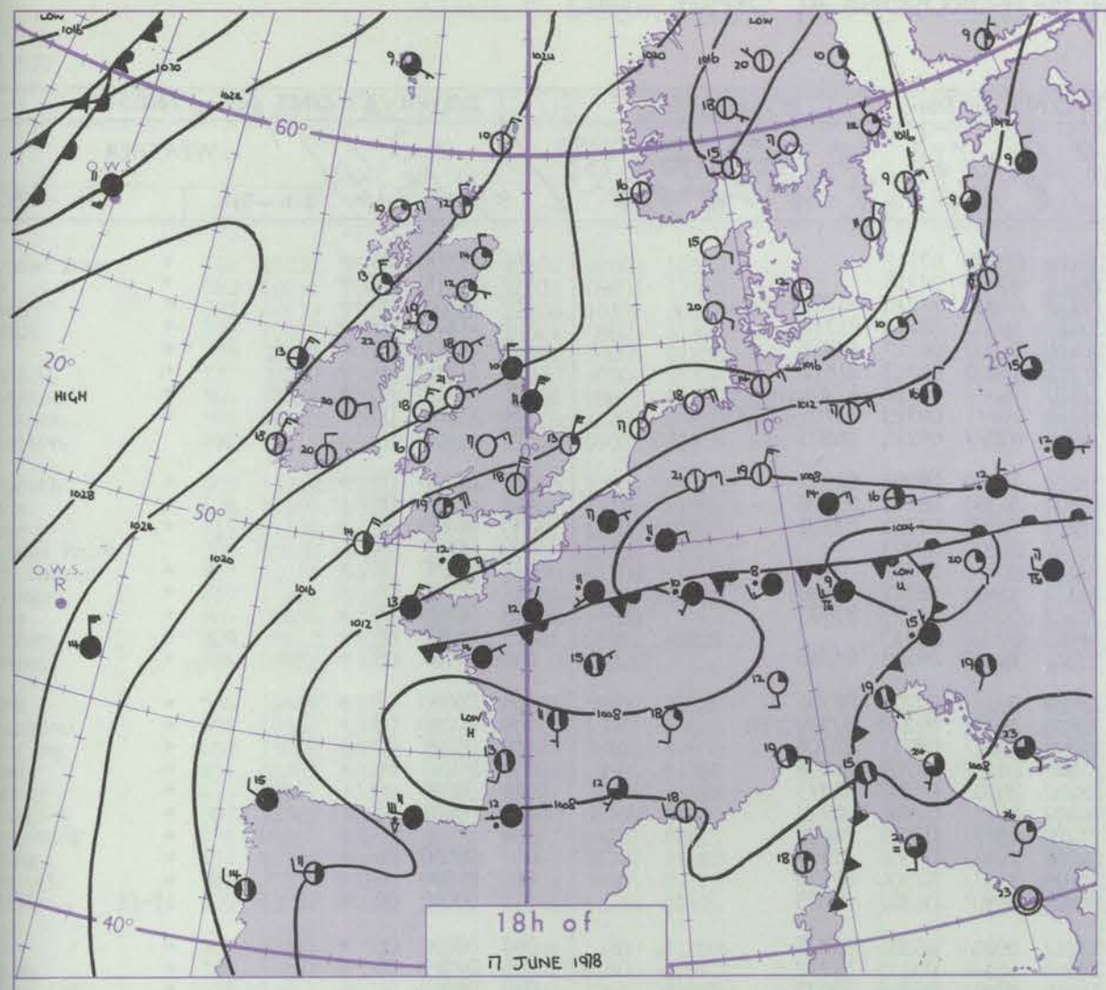
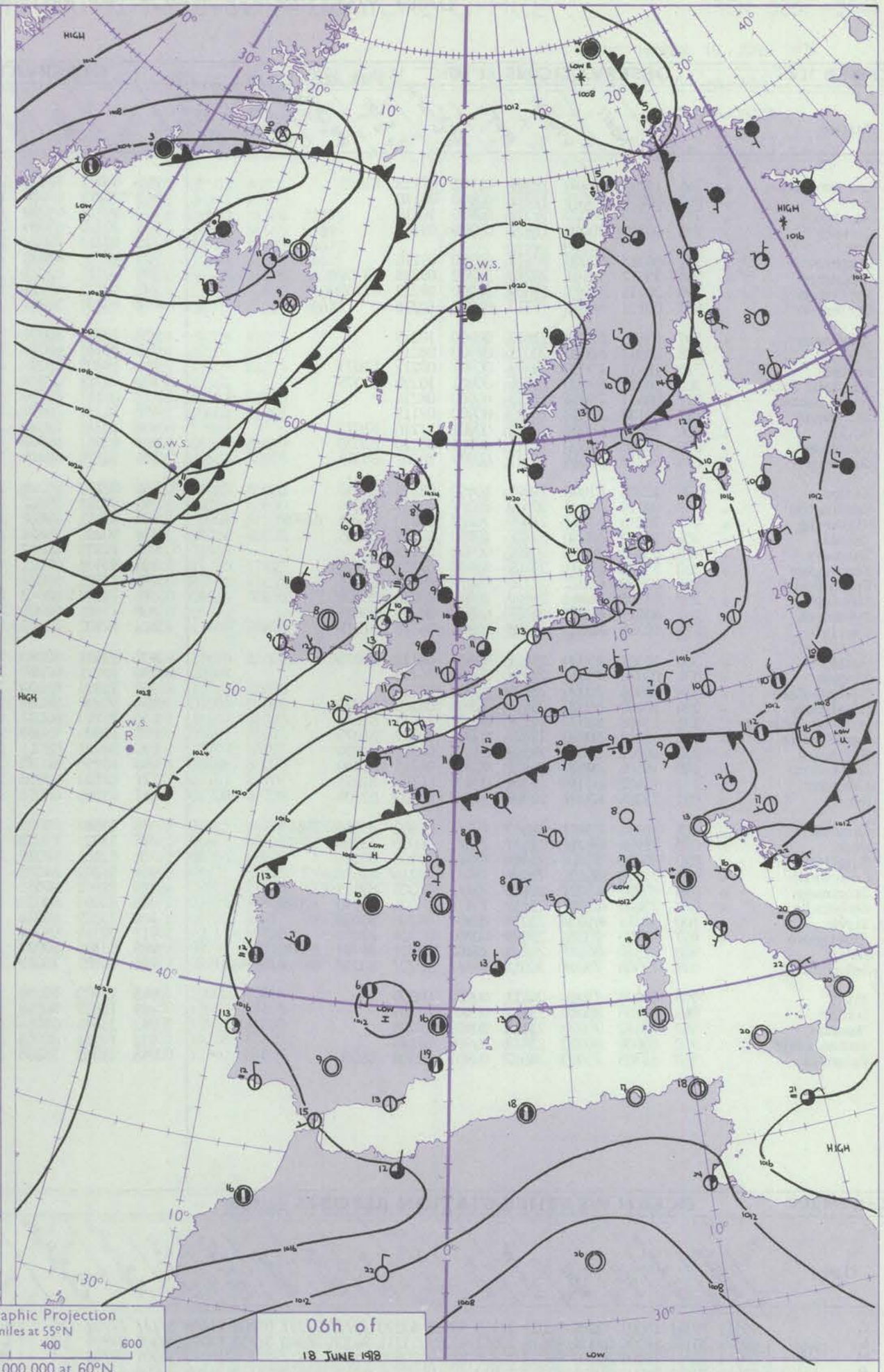
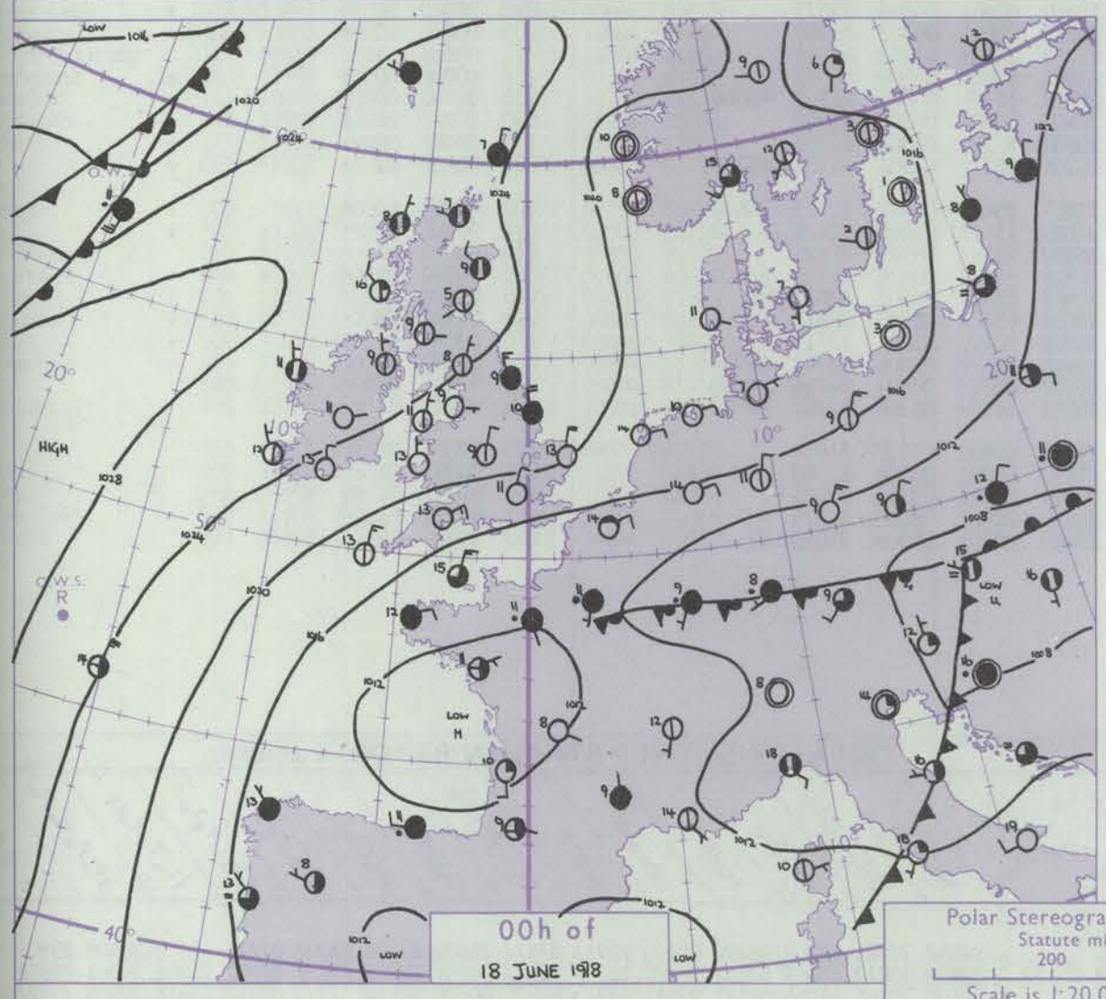
Low 1000
High 1012
High 1012
High B
High L
High E
Low
Low
Low







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday SUNDAY 18 JUNE 1978

During the past 24 hours the complex area of low pressure over France and Germany has slowly filled whilst the ridge of high pressure extending northeast from the Azores anticyclonic to the Faeroes has edged southeastwards into northern Scotland, maintaining the northeasterly airflow over England and Wales.

During the next 24 hours the complex but shallow area of low pressure will transfer to southern Europe whilst the ridge of high pressure over northern Scotland moves slowly southwards to Ireland and northern England. A frontal trough will move southeastwards into northwest Scotland later as a depression moves northeast to the northwest of Iceland.

Code FM 11.V

OBSERVATIONS at 00h. 18 June 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	10213	65010	18309	00901	07113	81075		
Hurn	862	00214	75021	17211	00900	08110			
Manston	797	00317	68020	16313	00900	10219			
Gatwick	776	00310	70010	17612	00900	09116			
Kew									
Heathrow	772	00311	62020	18611	00900	09216			
Honington	586	33512	50101	20210	36300	09318	83706		
Wattisham	590	30115	57051	19609	36200	09222	83705		
Gorleston	497	00122	64020	19313	00900	10216			
Aberporth	502	03605	62020	21813	00900	10213			
Filton	628	00512	80010	20011	00900	08216			
Rhoose	715	10412	75030	19213	00901	08212	81075		
Hartland Point	703	10312	83020	19714	00901	10120	81075		
Mount Batten	827	00411	75011	17115	00900	08214			
St.Mawgan	817	00108	70020	18413	00900	07115			
Scilly	804	10316	56021	18413	00901	11216	81075		
Culdrose	809	10414	64050	17712	00901	08110	81070		
Guernsey	894	60217	65016	14512	6097/	10207	85359		
Elmdon	534	10208	61040	22009	15600	08119	81640		
Cardington	559	80214	58021	20610	863//	10217	88706		
Wittering	462	70216	62011	21609	762//	08213	84705	87706	
Watnall	354	10210	58050	23108	16200	07112	81705		
Shawbury	414	03605	70020	22609	00900	07118			
Finningley	360	53405	62031	23708	56400	07213	85710		
Spurn Point	396	83520	60022	22710	854//	09209	88615		
Leeming	257	83306	56041	24607	863//	05213	88709		
Tynemouth	262	43517	80021	24809	45500	08209	84625		
Carlisle	222	10305	82020	24708	00901	06118	81075		
Valley	302	10307	75020	23111	00901	08112	81075		
Ringway	334	00310	70020	22911	00900	06115			
Squires Gate	318	00906	70020	23109	00900	07114			
Ronaldsway	204	10109	86020	23414	00901	05109	81075		
Mull of Galloway	131	13608	82020	24311	00901	11211	81075		
Eskdalemuir	162	13508	58050	25607	00902	06112	81075		
Prestwick	135	10902	80011	24509	00901	08212	81080		
Abbotsinch	140	10606	70010	24811	00901	08315	81080		
Leuchars	171	12402	60010	25305	00902	04107	81075		
Dyce	091	73308	65051	24909	763//	07102	87709		
Lerwick	005	80111	70021	24107	854//	06802	84710	88617	
Wick	075	72904	66051	25607	753//	06000	83708	87621	
Sule Skerry	010	80000	80022	25608	855//	07106	88625		
Cape Wrath	049	71105	80031	25608	754//	08214	87610		
Stornoway	026	70207	75021	26108	754//	06005	87615		
Benbecula	022	73606	82021	25710	754//	07006	84710	87616	
Tiree	100	33311	84030	25010	00901	09206	83080		
Aldergrove	917	13405	70020	25609	00901	07309	81075		
Malin	980	32910	84021	26210	28402	09208	81711	83070	
Belmullet	976	73506	75031	26611	764//	10207	83710	84716	85640
Birr	965	00601	75020	24411	00900	08209			
Dublin	969	00105	80010	23812	00900	08109			
Shannon	962	03412	70020	25111	00900	10208			
Roches Point	952	03609	80020	23413	00900	07116			
Valentia	953	13305	75020	24612	00901	11308	81070		

OBSERVATIONS at 06h. 18 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	00212	70020	20910	00900	07111			
862	00215	65020	19811	00900	07218			
797	40119	64030	19512	46300	11216	84706		
776	10210	61020	20411	16400	08214	81712		
775	10210	75020	21411	11400	08217	81812		
772	10211	68020	21211	11400	08313	81812		
586	70112	65021	22510	763//	08213	87706		
590	60215	62011	21710	662//	09213	82705	86707	
497	60220	58012	21611	655//	09212	86625		
502	13101	80030	23213	15600	09204	81630		
628	30412	60021	22509	36300	08111	83708		
715	10808	66020	21912	11400	07213	81812		
703	00513	69010	21614	00900	09313			
827	00517	82020	19315	00900	04111			
817	10311	70020	20312	15600	08212	81640		
804	10316	58020	20113	00901	11213	81075		
809	00611	66050	19912	00900	05113			
894	10520	68011	16912	10930	09221	81360		
534	80210	56041	23809	862//	07210	88704		
559	70310	59022	22810	763//	09209	87709		
462	80111	65022	23309	863//	08211	88706		
354	80207	58051	24508	863//	07209	88708		
414	11202	62040	23609	00901	07106	81075		
360	83406	67022	24309	864//	07206	88712		
396	83512	66022	23410	855//	07102	88620		
257	73308	62042	24509	763//	06306	87709		
262	73416	69021	24809	756//	07304	87630		
222	30502	03460	24906	00901	06207	83075		
302	20307	80030	23612	00904	10303	82075		
334	10407	67020	23510	16402	05205	81712		
318	31006	81030	23910	00901	06305	83075		
204	50404	88031	24013	00901	06305	85080		
131	73210	60031	24711	00901	11103	87075		
162	10000	75010	24907	00902	05500	81075		
135	31402	68011	24809	16301	07005	81708	83080	
140	10000	62020	24607	00901	06500	81080		
171	12103	57050	24607	16202	06302	81705		
091	83206	65051	24308	862//	07301	83705	88706	
005	83002	82022	23307	854//	06607	82712	88618	
075	73005	75022	24607	754//	05605	82618	87628	
010	82902	81022	24608	855//	06505	88625		
049	81102	74022	24708	854//	07606	84710	88620	
026	82602	80032	25508	854//	06501	88617		
022	83407	80032	25609	854//	07500	88617		
100	73307	80021	25310	764//	08301	87713		
917	73510	62014	25910	761//	09304	83702	87704	
980	83105	80021	26310	863//	08601	86716	85638	
976	80207	76032	26811	864//	09304	82712	88717	
965	10000	70120	25708	00902	07210	81070		
969	13002	70020	25110	00902	08208	81070		
962	33609	09464	25909	26001	09211	82701		
952	13206	80020	24512	00901	08010	81075		
953	11002	75020	25409	00901	09306	81070		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00090	06	+	+
862	00100	08	+	+
797	00120	10	+	+
776	00101	07	+	+
775	00100	06	+	+
772	00100	07	+	+
586	00090	08	+	+
590	00090	08	+	+
497				
502	00110	05	+	+
628	00080	07	+	+
715	00110	07	+	+
703	00120	07		
827	00130	08	+	+
817	00110	04	+	+
804	00120	09	+	+
809	00100	06	+	+
894	00121	09	+	+
534	00080	07	+	+
559	00090	09	+	+
462	00091	09	+	+
354	00071	06	+	+
414	00060	00	+	+
360	00081	05	+	+
396			+	+
257	00060	04	+	+
262	00080	08	+	+
222	00040	00	+	if-ff
302	00090	06	+	+
334	00080	05	+	+
318	00060	51	+	+
204	00070	03	+	+
131	00110			
162	00030	00	+	+
135	00050	00	+	+
140	00060	01	+	+
171	00040	01	+	+
091	00060	01	+	+
005	00060	06	+	+
075	00050	50	+	+
010	00070	07		
049	00070	05	+	+
026	00080	07	+	+
022	00070	03	+	+
100	00090	07	+	+
917	00080	06	f	+
980	9709	05		
976	9709	07		
965	9706	02		
969	0009	07		
962	9709	06		
952	0011	07		
953	9707	05		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_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	99511	70341	18001	73204	98022	31110	58530	43220	/////	/////	05108	11104	3////	///02
L	99571	70194	18004	82124	96616	23011	6732/	21711	86708	88540	0//10	11090	30505	24905
M	99651	10011	18004	82507	96022	22806	862//	00809	88705	/////	0//06	10977	30301	99/02
R	99460	70150	18004	50124	97022	24013	57500	22206	82820	84633	0//10	11408	30908	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99568	70181	18064	82220	96516	21911	872//	22603	83705	88707	0//11	11140	30404	25906
L	99650	10013	18064	82612	96102	20707	862//	00607	88705	/////	0//07	11001	30301	99/02
M	99460	70145	18064	60121	97012	23313	62400	00500	82815	/////	0//12	11418	30908	/////
R														

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

42578

Date of Issue MONDAY 19 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 18 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Boscombe Down	746	10210	74020	21918	11681	09003	81832		
Hurn	862	10214	70030	21021	10931	09001	81360		
Manston	797	40119	75030	21514	11404	10108	81813	84075	
Gatwick	776	10512	82030	21119	11601	08003	81830		
Kew	775	20109	80020	22117	11602	10004	81830		
Heathrow	772	20210	75030	22118	11532	10004	81826		
Honington	586	73508	82031	22816	15504	10801	81620	87075	
Wattisham	590	40110	75031	22416	11504	10002	81828	84080	
Gorleston	497	70315	66031	22611	11504	09000	81825	87075	
Aberporth	502	13203	70011	24213	16200	12000	81703		
Filton	628	10109	60031	23018	11601	11102	81830		
Rhoose	715	11108	61020	22620	00901	11103	81075		
Hartland Point	703	00508	80020	23217	00900	10206			
Mount Batten	827	00711	88020	21422	00900	07106			
St.Mawgan	817	10114	81030	22220	11601	11207	81830		
Scilly	804	00414	62020	22917	00900	12108			
Culdrose	809	10812	81050	22020	11601	08212	81835		
Guernsey	894	00522	72020	20014	00900	08221			
Elmdon	534	10605	65011	23714	00901	08802	81080		
Cardington	559	60308	64012	23415	55501	12001	85620	85075	
Wittering	462	73609	65012	23813	755//	08802	87620		
Watnall	354	10703	60031	24115	00901	10504	81080		
Shawbury	414	10107	75020	23019	00901	08706	81075		
Finningley	360	13302	80011	23915	15600	08709	81630		
Spurn Point	396	83614	68022	24111	855//	08801	88625		
Leeming	257	10903	80021	23716	00901	08708	81080		
Tynemouth	262	20907	81021	24511	00901	08605	82075		
Carlisle	222	12704	84024	22721	11501	12713	81825		
Valley	302	13315	57020	24517	16101	12303	81702		
Ringway	334	10307	81020	23219	00901	05605	81075		
Squires Gate	318	32810	70030	24116	00901	10604	83075		
Ronaldsway	204	10803	86021	24020	00901	12804	81080		
Mull of Galloway	131	13415	78011	24020	11501	14809	81820		
Eskdalemuir	162	13309	82020	21923	11501	07709	81828		
Prestwick	135	12810	82020	24717	00902	10702	81075		
Abbotsinch	140	52907	86031	23121	00901	07708	85078		
Leuchars	171	71010	28051	23411	762//	08805	87703		
Dyce	091	41007	81012	23315	45400	09804	81714	84618	
Lerwick	005	72612	80012	22410	655/1	06707	86625		
Wick	075	83208	75022	24111	854//	07803	83715	88628	
Sule Skerry	010	82705	82022	23710	855//	07803	88625		
Cape Wrath	049	82709	80022	24109	855//	07605	88620		
Stornoway	026	71712	85022	24712	7553/	08603	87623	86364	
Benbecula	022	82706	87022	25112	884//	08803	81815	88617	
Tiree	100	73110	84022	25711	755//	09601	87620		
Aldergrove	917	23406	80031	25318	16401	09804	81710		
Malin	980	73306	84012	26512	764//	09804	81714	87716	
Belmullet	976	23406	81011	27014	26402	10002	81713		
Birr	965	13003	84020	25521	11501	09802	81822		
Dublin	969	20904	80030	24420	12602	11805	81830		
Shannon	962	13305	83014	25721	12601	11805	81830		
Roches Point	952	11205	82011	25120	11401	10101	81816		
Valentia	953	53208	80011	26319	11501	14204	81822	85072	

OBSERVATIONS at 18h. 18 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
	746	30208	86030	20919	00902	08503	83078		
	862	21609	70030	20819	15601	06301	81640		
	797	70212	78031	21213	10948	09502	81364	87275	
	776	70610	82031	20519	14602	10500	81645	87075	
	775	40106	78011	20919	11602	10703	81835	84072	
	772	40109	75021	21019	14602	12703	81835	84075	
	586	40109	82011	22115	14502	09503	81625	84080	
	590	60209	80021	21517	21601	11504	82830	85080	
	497	60216	66031	22212	20972	08705	82358	86075	
	502	13502	83010	22816	00901	08708	81075		
	628	10710	65020	21620	00901	09504	81080		
	715	12002	67020	21620	00901	11505	81075		
	703	02803	80050	22417	00900	13504			
	827	12210	89020	21018	11701	10102	81850		
	817	13509	84020	21917	00901	10602	81075		
	804	03608	66020	23218	00900	12503			
	809	13611	80050	21919	00901	08707	81070		
	894	20616	80020	20216	00902	02601	82075		
	534	50605	66021	21919	00902	08708	85080		
	559	20308	70021	22116	15601	13708	81630		
	462	10505	70021	22316	00901	10708	81075		
	354	10402	70020	22119	11601	09710	81830		
	414	03408	70020	21719	00900	11605			
	360	10909	72020	21719	11501	11710	81825		
	396	10705	69011	22911	15500	07808	81625		
	257	10505	81020	21121	15700	06614	81656		
	262	01410	69020	22411	00900	09712			
	222	12908	86020	20823	11601	11606	81834		
	302	13311	83020	23016	00901	11610	81080		
	334	02910	80020	21421	00900	10608			
	318	12607	65010	22317	00901	12710	81075		
	204	13507	86020	22521	00901	09506	81080		
	131	13612	81020	22819	00901	15607	81075		
	162	12814	88020	20821	00901	05607	81075		
	135	32808	82030	23016	00901	10709	83075		
	140	62611	88012	21819	00901	08606	86075		
	171	70911	68021	22010	763//	07707	87707		
	091	71105	62031	21711	763//	08709	87709		
	005	82311	70025	19709	854//	07713	84710	88620	
	075	73405	84022	21711	754/2	08612	81718	87630	
	010	82716	82032	20711	855//	08716	88625		
	049	62714	80012	20610	48402	09821	81815	84620	86070
	026	62611	80022	21214	15586	07613	81626	83365	85272
	022	72212	82022	22511	755//	07715	87620		
	100	82508	83032	23511	854//	08712	83617	88622	
	917	23608	80020	23120	11501	12711	81820		
	980	72709	86022	24412	764//	09714	87716		
	976	72409	78031	25512	764//	09711	87718		
	965	32707	83020	23722	22501	10605	82824		
	969	11201	82020	22821	11600	13607	81835		
	962	12910	84020	24721	12601	11602	81830		
	952	11304	82030	23819	11501	14708	81825		
	953	12605	80021	25816	11400	13702	81819		

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	00210	152 +	+	
	862	00230	150 +	+	
	797	00170	+	+	
	776	00210	145 +	+	
	775	00200	150 +	+	
	772	00210	152 +	+	
	586	00170	120 +	+	
	590	00180	128 +	+	
	497		119		
	502	00170	155 +	+	
	628	00210	141 +	+	
	715	00210	151 +	+	
	703	00190	151		
	827	00240	153 +	+	
	817	00210	151 +	+	
	804	00190	148 +	+	
	809	00210	143 +	+	
	894	00170	126 +	+	
	534	00190	098 +	+	
	559	00170	087 +	+	
	462	00160	073 +	+	
	354	00190	107 +	+	
	414	00210	153 +	+	
	360	00210	101 +	+	
	396		+	+	
	257	00210	122 +	+	
	262	00120	091 +	+	
	222	00240	144 +	+	
	302	00190	153 +	+	
	334	00230	156 +	+	
	318	00180	157 +	+	
	204	00230	157 +	+	
	131	00210			
	162	00240	159 +	+	
	135	00180	158 +	+	
	140	00230	156 +	+	
	171	00130	085 +	+	
	091	00150	067 +	+	
	005	97110	029 +		id.
	075	00130	008 +		+
	010	00110			
	049	00110	022 +	+	
	026	00160	065 +	+	
	022	00120	005 +	+	
	100	00130	011 +	+	
	917	00210	128 +	+	
	980	0013	029		
	976	0015	098		
	965	0024	145		
	969	0023	154		
	962	9723	146		
	952	0022	157		
	953	9719	149		

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

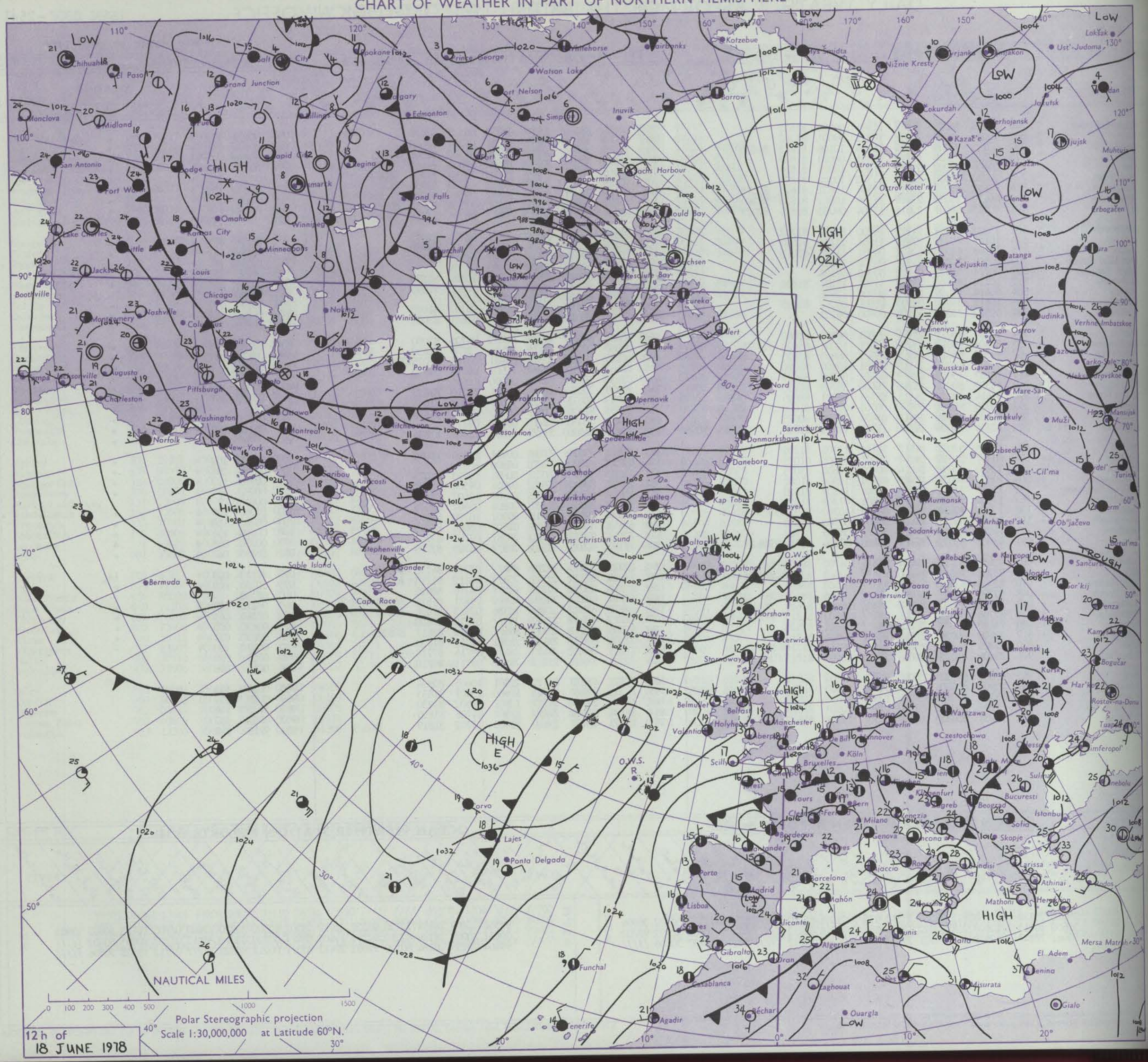
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99566	70170	18124	82812	95586	21810	872//	21501	85705	88710	0//10	11147	30302	26906
	99650	10015	18124	82318	97022	17808	854//	00716	88613	/////	0//06	10960	30402	99/02
	99461	70147	18124	80123	97021	25813	854//	00110	88615	/////	0//12	11437	30806	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99566	70169	18184	72720	98026	21410	78502	62500	84820	87640	0//05	11112	30803	23903
	99651	10020	18184	82214	97252	14408	884//	00720	82812	88617	0//07	10955	30402	/////
	99464	70155	18184	80120	97032	27413	855//	00212	88620	/////	0//12	11423	30806	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


LOW
HIGH
1024
HIGH
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1036
HIGH
K
1024
HIGH
1028
LOW
1000
LOW
1004
LOW
1012
LOW
1008
LOW
997
LOW
1004
LOW
1004
LOW
1004

18h of
SUNDAY 18 JUNE 1978

00h of
MONDAY 19 JUNE 1978

06h of
MONDAY 19 JUNE 1978

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 19 JUNE 1978

During the past 24 hours the ridge of high pressure over Scotland moved southeast into England and an Atlantic trough of low pressure moved eastwards into the Hebrides and northwest Ireland.

During the next 24 hours the ridge of high pressure will continue to move southeast and tend to collapse. The trough of low pressure in the northwest will move slowly east into England and Wales.

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

Code FM 11.V

OBSERVATIONS at 00h. 19 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	13002	60011	22410	00901	08204	81078		
Hurn	862	13202	65011	21908	00902	06002	81075		
Manston	797	30306	63111	21609	00901	09000	83075		
Gatwick	776	20000	58111	22110	00902	09202	82075		
Kew									
Heathrow	772	13304	65021	22013	00901	10500	81075		
Honington	586	00302	62020	22108	00900	07702			
Wattisham	590	00302	70011	22009	00900	08601			
Gorleston	497	63203	66031	21810	645//	08604	86625		
Aberporth	502	12701	84020	23113	00901	09000	81075		
Filton	628	10902	56050	22611	00901	08205	81080		
Rhoose	715	00000	68020	22112	00900	09001			
Hartland Point	703	00000	84020	22914	00900	11104			
Mount Batten	827	10806	70020	22114	00901	09104	81075		
St.Mawgan	817	03005	70020	22912	00900	11005			
Scilly	804	03511	70020	24013	00900	11105			
Culdrose	809	03513	80050	22713	00900	09103			
Guernsey	894	53606	81031	22211	00902	07206	85075		
Elmdon	534	02302	57111	22309	00900	08000			
Cardington	559	00000	70010	22205	00900	05400			
Wittering	462	01202	59100	22309	00900	08802			
Watnall	354	02505	58050	21613	00900	11707			
Shawbury	414	02302	70010	22111	00900	09803			
Finningley	360	00000	62020	21309	00900	08707			
Spurn Point	396	01305	66020	21909	00900	08707			
Leeming	257	01802	70020	21410	00900	08802			
Tynemouth	262	01802	66020	21210	00900	09706			
Carlisle	222	12802	82020	20912	00901	08804	81075		
Valley	302	00000	75010	22511	00900	10806			
Ringway	334	02103	68020	22013	00900	09801			
Squires Gate	318	13007	75020	21814	00901	11804	81075		
Ronaldsway	204	10402	86010	22011	00901	07602	81080		
Mull of Galloway	131	13315	84020	22610	00901	10801	81075		
Eskdalemuir	162	10000	82020	22206	00901	02804	81075		
Prestwick	135	70902	84031	22408	15602	07802	81630	87075	
Abbotsinch	140	72902	84022	21609	15602	06802	81640	87075	
Leuchars	171	82604	50022	21008	860//	07707	81701	83702	88703
Dyce	091	81706	30052	20008	860//	07712	82701	88702	
Lerwick	005	82111	58055	17309	853//	06716	83708	88615	
Wick	075	61910	70012	19709	45532	07714	84625	86070	
Sule Skerry	010	82315	58602	17910	874//	09715	88715		
Cape Wrath	049	82321	66606	17809	3742/	08716	83710	88460	
Stornoway	026	82014	63616	18710	5547/	09714	85619	86357	88462
Benbecula	022	82113	50586	19311	862//	10719	86705	88708	
Tiree	100	82011	81032	21510	854//	07813	85614	88620	
Aldergrove	917	70203	62031	23610	762//	09002	83705	87707	
Malin	980	72412	84012	22910	764//	07713	85715	83638	
Belmullet	976	72309	72032	24711	6643/	09708	84718	84642	
Birr	965	12502	75030	24710	00902	08003	81070		
Dublin	969	10000	75010	23013	15702	11503	81650		
Shannon	962	73011	70021	25711	764//	09000	84713	86630	
Roches Point	952	13214	82010	24513	00901	11001	81075		
Valentia	953	23304	80020	26410	11401	09501	81818		

OBSERVATIONS at 06h. 19 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
746	03102	07410	21209	00900	07705			
862	00000	62020	21109	00900	08502			
797	23505	63024	20512	26300	11605	82706		
776	90000	00474	21108	9////	08502	89///		
775	00000	60020	20911	00900	09602			
772	02903	57010	20710	00900	09503			
586	11802	40280	20508	16100	07806	81702		
590	11601	45100	20609	00901	09704	81080		
497	72903	66012	20510	755//	08505	87620		
502	12504	84020	21611	00901	10708	81075		
628	00000	50050	21210	00900	09604			
715	13502	64020	21311	00901	08602	81072		
703	01603	70050	21611	00900	11704			
827	02602	65020	21412	00900	09500			
817	10502	50284	21712	00901	11604	81075		
804	03509	65020	22415	00900	12602			
809	00210	70050	21713	00900	09501			
894	20000	82021	21413	00902	08301	82075		
534	10000	62010	20412	15700	10603	81656		
559	22402	58104	20308	00901	08707	82075		
462	12402	28284	20308	10930	08604	81359		
354	12002	50050	20512	10930	10502	81360		
414	13402	83020	20811	00901	09000	81080		
360	01202	08424	20208	00900	08501			
396	01808	68020	20210	00900	08605			
257	01602	45040	19510	00900	08708			
262	12506	80020	19012	10940	07607	81359		
222	62704	75031	19710	653//	09506	82709	86615	
302	30702	62030	21610	35300	09601	81706	83650	
334	01902	56040	21011	00900	10602			
318	40000	75030	20712	45701	10604	84650		
204	63009	58031	21311	662//	09304	84703	83705	
131	73410	73022	21111	755//	10708	87625		
162	20000	86020	19806	25601	03710	82640		
135	83007	70022	20710	854//	07704	81710	83712	86715
140	72306	75602	19910	1557/	07605	81620	85360	87462
171	42512	68031	18009	35631	06711	83645		
091	70102	04425	17206	760//	06708	87700		
005	82123	30516	13408	872//	08615	85703	88707	
075	82007	58626	16310	7752/	09711	88458	88458	
010	82911	72026	15110	5243/	08605	85715	88360	
049	82321	75026	15709	853//	08305	82708	88615	
026	42707	75016	16810	45430	08003	81710	84634	
022	72913	80256	18110	784//	08201	84818	87630	
100	73009	66216	19310	754//	09502	81710	87632	
917	72705	68022	22010	5537/	08503	82709	84645	87459
980	83117	57506	20911	863//	10502	82709	83712	85716
976	73210	76016	23111	754//	09303	82716	87640	
965	82102	75021	23510	6647/	08608	83714	86634	88459
969	62813	75011	22310	563/2	08501	83707	83718	
962	72707	70022	23612	5547/	09712	82717	84630	86459
952	43220	82031	23311	18402	08607	81816	84074	
953	80000	70606	24911	8092/	09606	88458		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00070	50 +		if
862	00050	01 +		+
797	97050	01 +		if
776	00050	02 +		ifFFf
775	00050	52 +		+
772	00090	01 +		+
586	00050	01 f		ff
590	00070	03 +		+
497				
502	00090	04 +		+
628	00070	00 +		+
715	00070	03 +		+
703	00100	07		
827	00090	04 +		+
817	00100	04 +		jf
804	00120	06 +		+
809	00110	08 +		+
894	00110	02 +		+
534	00060	02 +		+
559	00030	00 F		+
462	00050	03 ff		ff
354	00090	04 +		+
414	00060	01 +		+
360	00060	01 f		ff
396		+		+
257	00070	04 +		+
262	00100	05 +		+
222	00080	03 +		+
302	00080	04 +		if
334	00100	06 +		+
318	00110	06 +		jf
204	00100	06 +		+
131	00080			
162	00010	53 +		+
135	97070	01 +		id_o
140	97050	02 +		ir_o
171	00060	05 +		+
091	97050	05 iff		ffd_offifr_o
005	03081	08 ir_o		$d_od_or_or_o$
075	02081	06 ir_o		$r_or_oirir_o$
010	02090	08		
049	02081	08 ir_oid_o		id_o
026	03091	08 $r_or_od_or_odr$		$drpr_o$
022	04101	07 rrr_or_odr		pr_o
100	01091	09 $ir_ord_or_o$		$d_or_ordrpr_o$
917	96091	07 +		$drd_or_od_or_o$
980	0110	09		
976	0309	08		
965	9709	05		
969	9709	09		
962	9710	08		
952	9710	08		
953	9709	05		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99566	70172	19004	72626	98258	21609	784//	61801	84817	87640	0//05	11128	30804	23904
	99651	10024	19004	82215	98028	10308	884//	00816	82813	88618	0//07	10979	30503	/////
	99467	70160	19004	60116	97012	30012	65400	00108	86616	/////	0//11	11448	30805	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99567	70179	19064	72626	98218	19609	784//	61607	83710	87630	0//07	11109	30906	29905
	99657	10017	19064	82216	96026	04709	6722/	71625	86805	88540	0//09	10941	30503	00/00
	99471	70167	19064	63408	97012	29812	35432	00802	82616	84361	0//11	11446	30000	01804

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. 42579

Date of Issue TUESDAY 20 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 19 June 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	13306	81034	19123	11600	10710	81840		
Hurn	862	11809	62030	19622	11600	09610	81835		
Manston	797	11412	62021	20017	16400	12604	81710		
Gatwick	776	02403	80024	19222	00900	10711			
Kew	775	10301	60020	19022	11600	10712	81840		
Heathrow	772	13004	64030	19123	11600	13709	81835		
Honington	586	12605	75030	18921	11600	10708	81835		
Wattisham	590	13106	63020	18919	11500	13808	81822		
Gorleston	497	01412	66021	19713	00900	09802			
Aberporth	502	83408	25051	21912	860//	11205	82701	88703	
Filton	628	10000	70020	19523	11600	12810	81832		
Rhoose	715	12607	70020	19921	12601	12708	81835		
Hartland Point	703	22607	63020	21415	12570	13502	81825		
Mount Batten	827	12111	80020	20420	11600	12706	81840		
St.Mawgan	817	13008	80020	21517	16301	13603	81708		
Scilly	804	33413	56030	22718	36402	14101	83710		
Culdrose	809	23212	75030	21320	18501	12604	81820		
Guernsey	894	02409	82020	21017	00900	06603			
Elmdon	534	33006	80030	18723	38701	05709	83850		
Cardington	559	20402	66030	18922	22600	13809	82840		
Wittering	462	12904	80020	18822	11600	11707	81840		
Watnall	354	22907	80011	19122	21600	11606	82835		
Shawbury	414	30107	82030	19321	11504	13809	81828	83076	
Finningley	360	22711	81024	18124	22600	10613	82835		
Spurn Point	396	11405	66030	18717	11500	13805	81825		
Leeming	257	42712	86030	18022	11632	10506	81840	83362	
Tynemouth	262	52714	80031	18319	20946	08400	82358	85275	
Carlisle	222	72709	80032	19815	58551	09301	81825	85635	87362
Valley	302	73307	68024	22113	6847/	09801	81710	83812	85645
Ringway	334	23111	65020	19919	18602	12504	81835		
Squires Gate	318	73010	65011	21014	764//	10002	87714		
Ronaldsway	204	83106	56602	21711	853//	09203	81706	83618	86626
Mull of Galloway	131	83416	80216	21211	4551/	11400	84620	88460	
Eskdalemuir	162	82708	70036	19214	854//	10601	83710	88630	
Prestwick	135	33113	82016	20614	38440	08105	81712		
Abbotsinch	140	62714	82026	19116	685/2	06801	82824	85635	
Leuchars	171	52911	83011	17418	48502	09801	83825		
Dyce	091	71006	58056	16913	785/1	09002	85822	84626	
Lerwick	005	72418	82026	13311	784//	07302	82818	86650	
Wick	075	73012	89256	16812	784/1	06305	84818	87635	
Sule Skerry	010	32510	82012	15113	33470	08000	83915		
Cape Wrath	049	62721	80018	15811	3253/	07105	83820	86360	
Stornoway	026	52616	82258	17113	58500	05400	84822		
Benbecula	022	72517	80038	18612	784//	07202	83819	86630	
Tiree	100	52712	87028	20113	584//	07104	83818		
Aldergrove	917	73212	82026	21913	785//	09104	83820	83628	85640
Malin	980	72916	88025	21614	785//	07002	81820	87638	
Belmullet	976	72912	82022	24113	755//	08105	83722	87640	
Birr	965	83507	58215	23213	863//	11501	87709	87716	
Dublin	969	82909	70216	22113	864//	10400	83710	85716	87630
Shannon	962	73309	82016	23615	785//	11105	83822	85630	
Roches Point	952	83007	60216	23314	864//	12602	81710	88714	
Valentia	953	73515	81026	24614	785//	09103	81820	87640	

OBSERVATIONS at 18h. 19 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	72806	70021	17123	72732	08709	87856	87075	
862	62510	59051	18221	12631	09707	81840	84359	
797	01505	65020	18119	00900	14611			
776	72212	62021	17719	786//	10605	81845	84650	
775	71905	70801	17022	646//	12607	86840		
772	31603	65011	17124	38600	12507	82845		
586	40805	84030	17522	44600	08609	84645		
590	01609	60010	17619	00900	14706			
497	01710	66020	18015	00900	11708			
502	73607	66022	20811	1627/	11809	81705	87360	
628	72907	75031	18120	18638	13607	81840	87272	
715	72607	70031	18817	12551	13607	81828	87075	
703	62806	64011	20515	12571	11707	81820	84360	86075
827	73309	80031	19320	18636	11703	81830	86275	
817	73309	65021	20414	11336	12711	81806	84072	87275
804	53412	66021	21615	36432	11709	83710	83075	
809	73611	60051	20715	28504	11703	81820	87075	
894	32908	62030	19617	00902	11710	83075		
534	73610	62251	18019	38638	13801	82835	83656	87275
559	30105	80020	17023	22730	08610	82856		
462	23411	80010	17222	18704	11608	81850		
354	43107	75011	18619	10932	12604	81362	84075	
414	83510	63041	19213	4553/	10604	83625	83640	88358
360	42811	81020	18219	11632	06302	81840	84075	
396	50000	66011	17419	52500	11603	85825		
257	73109	81031	18118	15676	10601	81640	83358	85364
262	72707	69022	18116	25676	11806	82630	86359	
222	72508	84036	18416	785/2	09611	81827	87640	
302	50605	78016	20615	25472	11712	81710	84460	
334	73010	65022	19815	18636	10601	81830	83362	87070
318	73011	75016	20215	38532	10708	81820	83645	86075
204	13509	84026	20514	18501	06605	81825		
131	23420	84021	20414	22500	10604	82825		
162	12913	86016	18614	00902	05502	81075		
135	63113	85021	20013	68541	04804	81826	85645	
140	32814	86021	19015	38600	04505	81830		
171	12912	86011	16718	14602	04301	81645		
091	31205	75012	16714	38501	08702	81825	83640	
005	42321	80028	13011	48400	07702	83818		
075	73006	86022	16313	785//	07301	83822	87640	
010	62514	74151	14411	22570	08707	82820	86460	
049	72724	82038	15010	2257/	08604	82820	87460	
026	72515	80038	15812	785//	06708	82822	87645	
022	82216	70601	17011	854//	09710	82712	84618	88630
100	72411	82032	19312	785//	08705	81822	87645	
917	53605	84021	20715	58600	05709	81830	84645	
980	22714	88011	20914	18502	06705	81820		
976	72511	81022	22213	7853/	09711	84720	85640	
965	53505	83022	21416	585//	07609	82823	84633	
969	63305	82028	20417	685//	07807	81825	86635	
962	23113	84011	21816	22601	09708	82835		
952	43011	80031	21317	15601	08612	81635	83075	
953	23312	83021	23214	25601	09705	81635		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00250	105	+	+
862	00230	121	+	+
797	00200	142	+	+
776	00240	094	+	+
775	97240	098	+	pr$_o$
772	00250	120	+	+
586	00230	139	+	+
590	00230	139	+	+
497		119		
502	00140	057	+	+
628	00250	114	+	+
715	00220	116	+	+
703	00160	117		
827	00220	139	+	+
817	00180	132	+	+
804	00180	110	+	+
809	00210	140	+	+
894	00181	145	+	+
534	01240	096	+	pr$_o$pr
559	00240	122	+	+
462	00240	141	+	+
354	00230	125	+	+
414	00210	094	+	+
360	00240	123	+	+
396			+	+
257	91221	075	+	r$_o$r$_o$
262	00200	076	+	+
222	97170	058	r$_o$	+
302	97150	034	ir$_o$	+
334	97190	098	+	r$_o$
318	97150	059	+	r$_o$
204	97160	054	r$_o$d$_o$r$_o$	+
131	97160			
162	97160	105	r$_o$	+
135	97160	029	ir$_o$	+
140	97160	081	ir$_o$	+
171	00210	117	+	+
091	00160	028	+	+
005	97130	088	pr$_o$	+
075	97161	026	pr$_o$	+
010	00130			
049	91111	049	pr$_o$	+
026	97141	049	pr$_o$	pr$_o$
022	97141	060	+	ir$_o$id$_o$
100	00140	050	+	+
917	97170	060	d$_o$r$_o$	+
980	9115	049		
976	0015	018		
965	9617	037		
969	9719	027		
962	9218	065		
952	9317	061		
953	0115	058		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

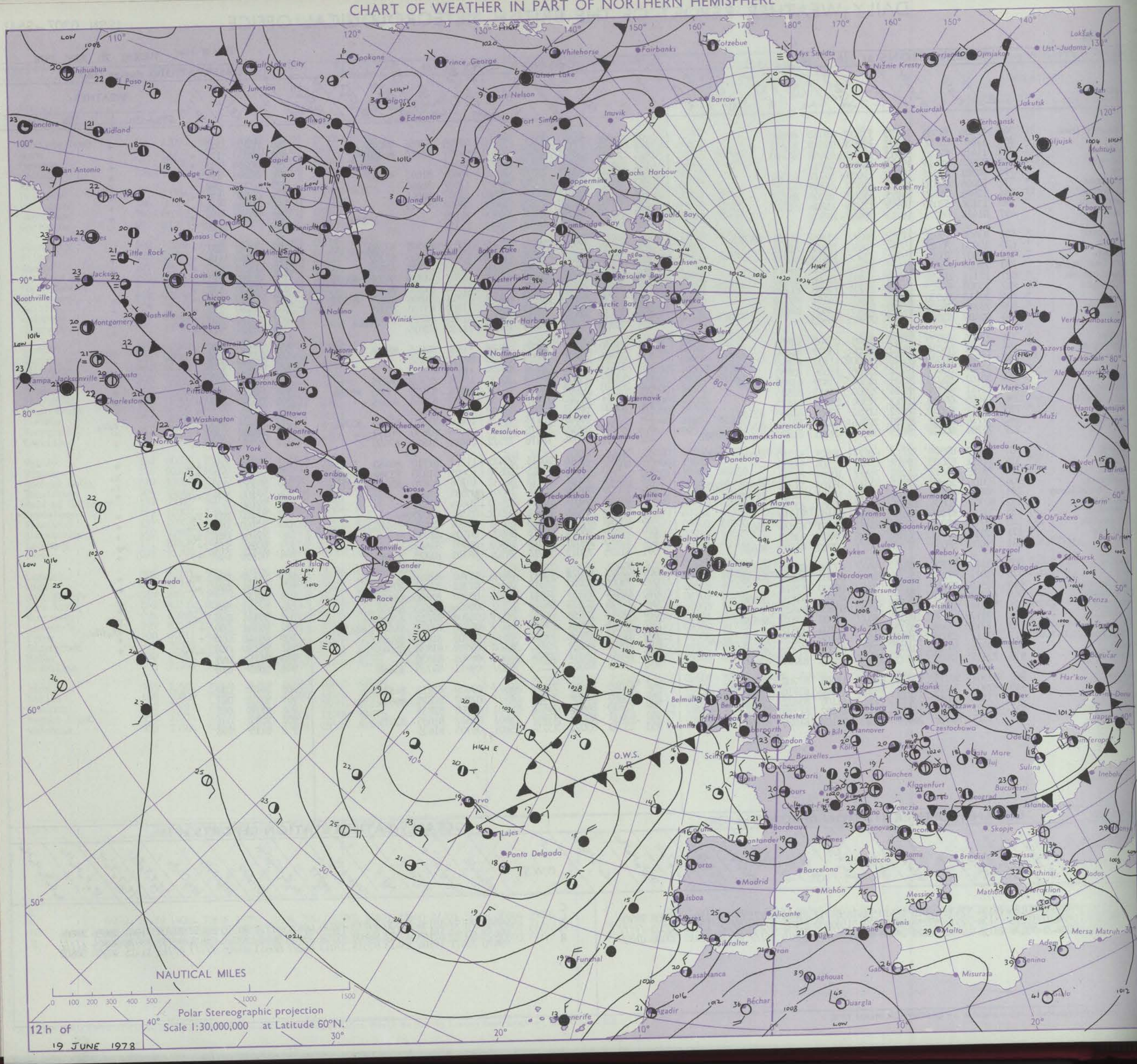
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99568	70186	19124	72432	98016	16610	11476	61717	81814	87271	0//09	11097	30908	28906
	99657	10018	19124	72517	97256	02908	28431	00302	81812	87358	0//07	10977	30503	/////
	99471	70171	19124	82610	96022	29814	854//	00400	88616	/////	0//14	11414	30000	01803

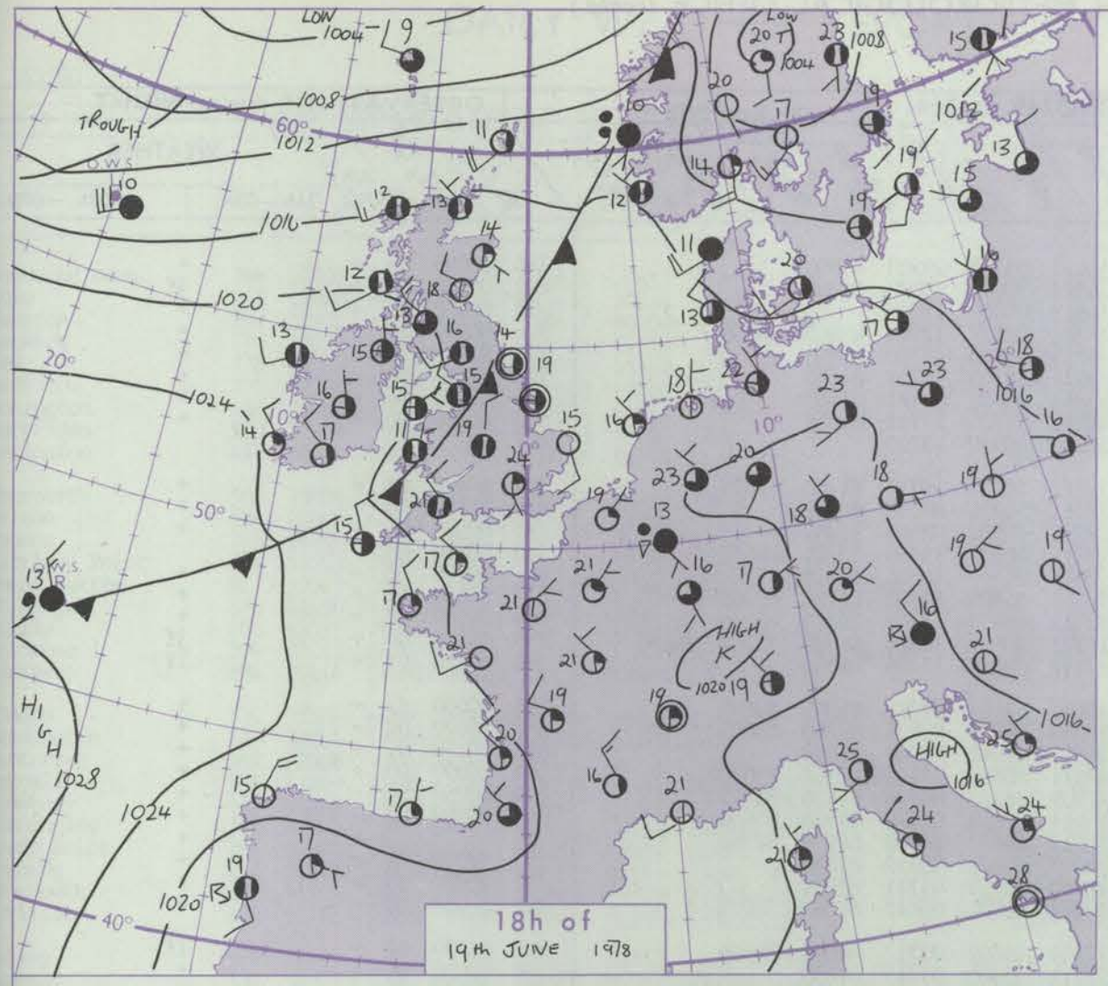
OCEAN WEATHER STATION REPORTS at 18h.

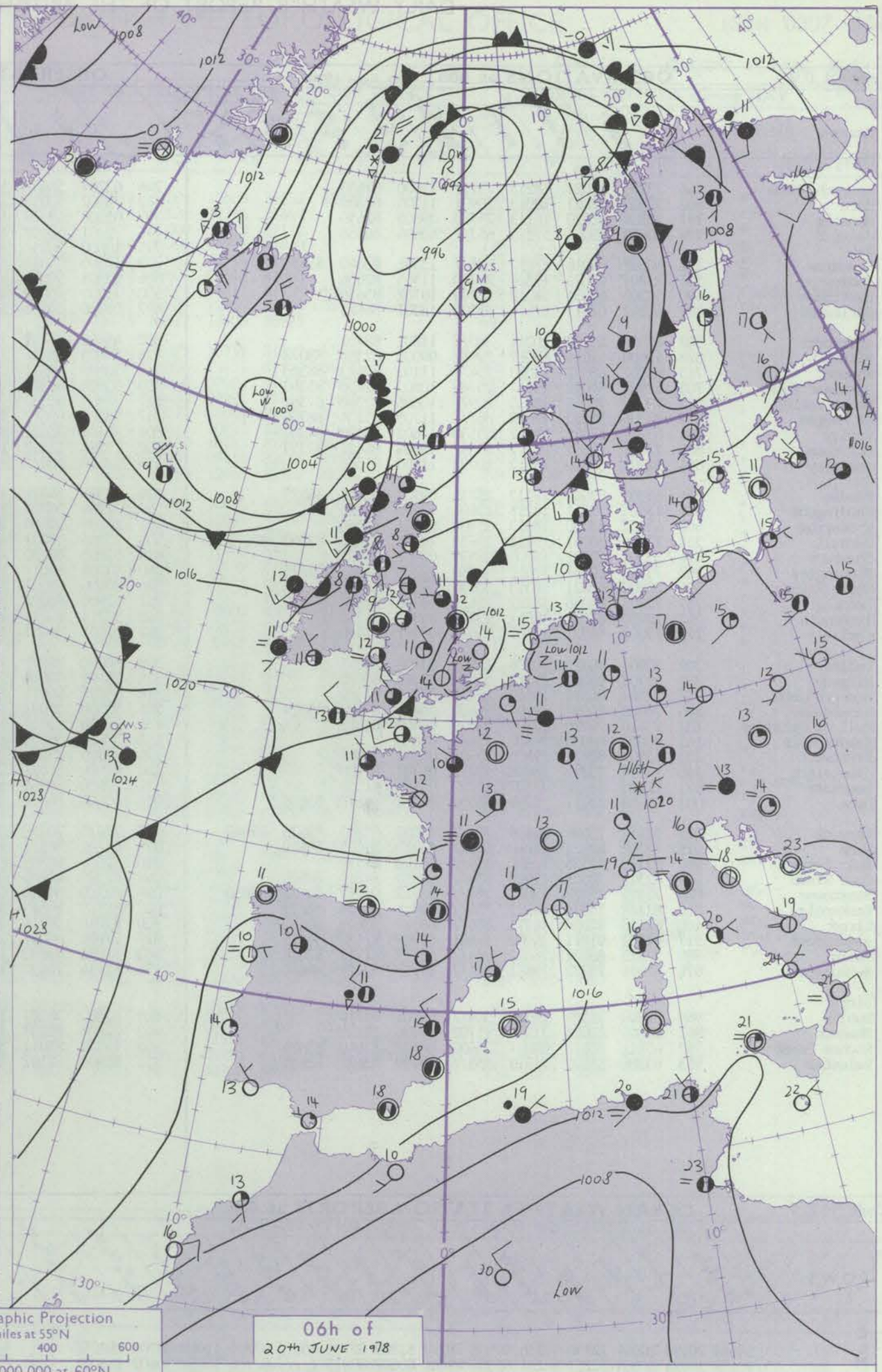
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99569	70192	19184	82530	97212	13210	4642/	61727	84710	88458	0//08	11064	30806	28906
	99657	10019	19184	72222	98808	02208	79400	00704	82913	85815	0//07	10978	30504	/////
	99470	70171	19184	83413	95515	27013	862//	00613	88705	/////	0//13	11415	30000	30803

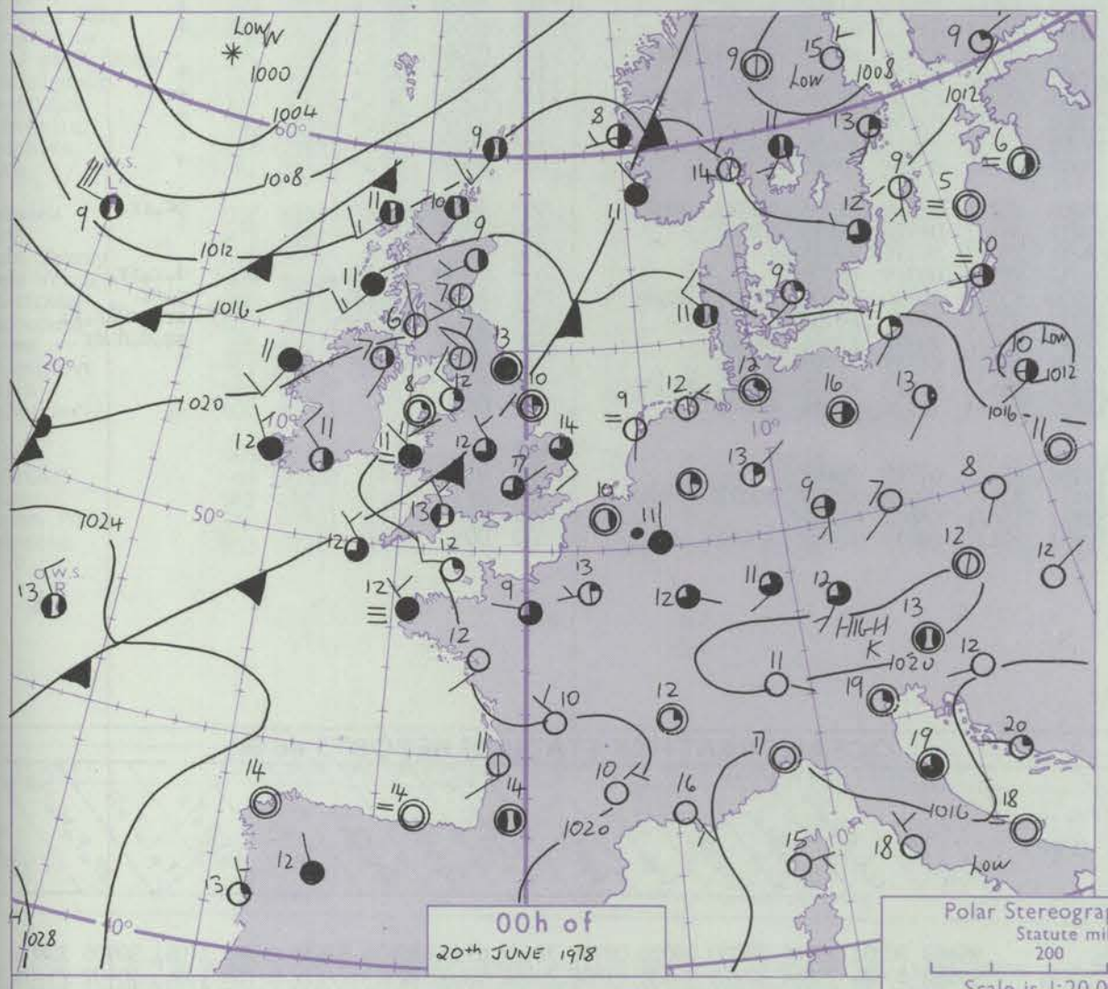
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday tuesday 20 JUNE 1978

During the past 24 hours the ridge of high pressure over southern districts of England moved south into the Continent as a weak trough of low pressure, associated with low to the northeast of Iceland, moved southeast across Scotland and northern England.

During the next 24 hours this trough will continue to move southeast into the Channel and southern North Sea and, as a developing low south of Iceland moves northeast, further troughs of low pressure will move south across Scotland and northern England.

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

Code FM 11.V

OBSERVATIONS at 00h. 20 June 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	73205	62022	18213	757//	11000	87650		
Hurn	862	33502	62021	18013	20931	11705	82360		
Manston	797	22209	66020	18113	25730	09805	82650		
Gatwick	776	60000	59041	17913	657//	10804	86656		
Kew									
Heathrow	772	60502	59016	17417	686//	13501	83840	85656	
Honington	586	21801	60021	17814	25700	11505	82656		
Wattisham	590	52306	60031	18012	55700	10702	85650		
Gorleston	497	61512	62011	17814	65500	13001	86625		
Aberporth	502	82906	13102	20011	860//	11801	88701		
Filton	628	40608	62011	19012	20982	09000	82360	83078	
Rhoose	715	82902	68032	19013	7547/	11103	87613	88360	
Hartland Point	703	62905	87022	19912	25780	10803	82650	85360	
Mount Batten	827	70102	70022	18813	7097/	10806	82360	87362	
St.Mawgan	817	83306	58032	19812	862//	11705	85704	88706	
Scilly	804	63207	65022	21212	35530	11602	83620	84360	
Culdrose	809	73406	56052	20112	4555/	10803	84622	87359	
Guernsey	894	22708	66010	18912	10932	11603	81365		
Elmdon	534	63307	57042	19212	25731	09102	82656	84075	
Cardington	559	13506	59051	18215	15601	12105	81640		
Wittering	462	43207	65030	18313	35701	08801	83650		
Watnall	354	72904	58051	19212	25732	10801	82650	83360	85075
Shawbury	414	33504	60101	19709	28530	08001	81825		
Finningley	360	73103	60031	18612	40958	10303	84365	87275	
Spurn Point	396	30000	62021	18310	30970	09302	83360		
Leeming	257	72805	86026	18712	756//	08302	87630		
Tynemouth	262	12710	81021	18611	10930	05306	81358		
Carlisle	222	13002	84021	19107	15601	05501	81640		
Valley	302	20000	70011	20108	15602	07703	81645		
Ringway	334	52903	65022	19712	55700	08400	85650		
Squires Gate	318	23208	84011	19512	10931	07705	81360		
Ronaldsway	204	70000	84031	19907	55601	05805	85637	86075	
Mull of Galloway	131	23610	74020	20109	21500	09400	82825		
Eskdalemuir	162	20000	86030	19802	15601	01003			
Prestwick	135	13502	80021	19406	15701	05706	81656		
Abbotsinch	140	12405	70022	18606	15731	04707	81650		
Leuchars	171	12406	89020	17707	15702	03202	81650		
Dyce	091	42403	82011	16909	38401	06704	81818	83630	
Lerwick	005	72114	75031	12409	784//	07608	81815	83630	87640
Wick	075	72108	82021	14610	6553/	06713	81625	86640	
Sule Skerry	010	82322	57535	11810	874//	10720	88710		
Cape Wrath	049	82329	70028	12010	884//	09819	84810	88620	
Stornoway	026	72315	75028	13011	754//	08712	81712	84618	87630
Benbecula	022	82118	75026	14211	854//	09816	83616	88625	
Tiree	100	82113	80026	16711	855//	09717	82622	88630	
Aldergrove	917	41902	81011	20207	15601	05709	81630	84075	
Malin	980	72113	86031	18811	754//	08715	81717	87640	
Belmullet	976	82011	78022	19611	854//	09719	83719	88640	
Birr									
Dublin	969	51203	75284	20510	564//	09701	85710		
Shannon	962	23005	82021	21209	15702	08706	81650		
Roches Point	952	43111	80011	20811	25602	08802	82640	83075	
Valentia	953	83306	82022	21712	885//	08709	83822	88635	

OBSERVATIONS at 06h. 20 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	63204	58051	16411	55730	09708	85656		
862	70402	50051	16213	7097/	10802	87360		
797	01505	63010	16513	00900	11703			
776	72101	45102	16512	786//	12704	83845	84656	
775	10000	50056	16113	18500	12706	81820		
772	10105	58011	16214	15700	11704	81656		
586	22501	50050	15911	28600	09711	81830		
590	11202	56050	15713	15700	11711	81656		
497	01810	58021	16014	00900	13705			
502	41402	18101	17312	16031	11716	81700	83075	
628	50605	61031	17111	50931	09708	85362		
715	10605	66011	17012	10931	08505	81362		
703	63505	64022	17611	46231	11709	83704	84075	
827	73507	65032	17011	754//	10504	87615		
817	53409	62012	17513	55300	11708	81706	85709	
804	73109	80022	18313	6847/	12709	83816	86625	
809	73206	28402	18111	750//	11608	81700	83702	86616
894	52508	60012	17112	40932	11706	84362		
534	33305	64021	16611	18601	07712	81845	83075	
559	32704	50051	16510	10931	09706	81360	83078	
462	23409	59050	16311	10981	08709	81358		
354	73205	60031	17111	60882	07710	85357	83070	
414	32805	68030	17209	15632	08714	81630	83072	
360	33006	62011	16411	38631	08710	81835	83656	
396	70000	62031	16012	4567/	10709	84635	87360	
257	72905	88022	16609	756//	05712	87630		
262	52711	81021	16409	50938	05711	85359		
222	51602	83021	17007	10932	05812	81368	85075	
302	60000	82281	17109	15602	07717	81640	86075	
334	22402	70010	17211	15702	07713	81650		
318	53106	84011	17012	18581	07713	81822	84075	
204	70000	84031	17009	25631	07714	81640	86075	
131	62310	82031	17110	15635	10714	81630	83360	86275
162	30000	86030	17302	15602	01810	81640	83075	
135	71705	75021	16108	4545/	07718	82714	83620	87360
140	62604	65021	15408	18431	07816	81712	86362	
171	52406	84031	14708	15732	05818	81650	84075	
091	60000	86021	13409	35635	06718	83645	84072	
005	72225	70256	08709	782//	08614	81705	83620	86640
075	61102	86021	10711	38532	08720	81825	83640	
010	72327	66505	08711	754//	09715	87615		
049	82322	60585	08310	873//	09719	88708		
026	82120	60626	08210	853//	10830	82708	86614	88630
022	82119	60615	09311	853//	10721	85708	88616	
100	82016	70216	12111	854//	10724	82614	88624	
917	71806	86021	16708	1637/	07717	81708	87360	
980	72016	86032	14211	654/2	08623	82718	85640	86070
976	82114	76022	14812	864//	10726	86718	88637	
969	62802	56101	17108	656//	07715	86640		
962	82608	82031	17411	854//	09718	82713	83623	88628
952	53207	82011	17811	556/1	08812	85636		
953	81903	62102	18211	854//	09717	83717	88632	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00090	03	+	+
862	00100	07	+	jf
797	00100	06	+	+
776	00110	10	+	+
775	97110	07	r_o	+
772	97140	10	r_o	+
586	00090	06	+	+
590	00110	06	+	+
497				
502	00100	08	+	+
628	00100	06	+	+
715	00090	06	+	+
703	00110	09		
827	00100	08	+	+
817	00120	10	+	+
804	00120	10	+	+
809	00100	07	+	jf
894	00110	05	+	if
534	00090	07	+	+
559	00070	04	+	+
462	00110	09	+	+
354	00090	06	+	+
414	00050	51	+	+
360	00100	07	+	+
396			+	+
257	97070	04	r_o	+
262	00080	05	+	+
222	00030	00	+	+
302	00070	01	+	if
334	00080	06	+	+
318	00110	07	+	+
204	00040	01	+	+
131	00060			
162	00510	54	+	+
135	00040	51	+	+
140	00050	52	+	+
171	00050	02	+	+
091	00050	50	+	+
005	96081	07	+	pr_oir_o
075	00090	05	+	+
010				
049	02091	09	pr_o	$d_or_oir_o$
026	10101	09	r_o	r_orr
022	03111	09	id_o	$ir_orrRR_or_o$
100	01111	10	r_o	$ir_od_od_odr$
917	00050	03	+	+
980	00			
976	00			
965				
969	97			
962	97			
952	00			
953	00			

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99569	70196	20004	72730	97216	09908	782//	61809	82705	85812	0//05	11069	30706	24805
	99657	10021	20004	52217	98251	02308	49461	00602	82915	/////	0//06	10864	30402	24705
	99470	70171	20004	73311	97035	25512	784//	00813	82815	87633	0//10	11426	30703	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99569	70201	20064	73020	98028	08709	784//	61500	82816	87635	0//05	11041	30905	25804
	99658	10024	20064	32215	99038	01908	29461	00602	81915	/////	0//06	10865	30402	25705
	99469	70170	20064	82808	97032	22413	855//	00708	88620	/////	0//12	11401	30000	32702

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. 42580

Date of Issue WEDNESDAY 21 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 20 June 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	21707	70011	13720	11631	09817	81830		
Hurn	862	11808	70021	14519	11630	10814	81835		
Manston	797	52212	65031	14821	1863/	09709	81845	84359	
Gatwick	776	12212	70021	14322	12702	11713	81850		
Kew	775	32307	65020	13722	32601	11818	83840		
Heathrow	772	22706	62020	13722	12680	13817	81833		
Honington	586	32207	60020	13920	28731	11613	81850		
Wattisham	590	52209	58051	14021	38602	13713	82830		
Gorleston	497	61616	58021	13815	6097/	12713	86360		
Aberporth	502	73005	70021	14913	785//	10713	82820	87640	
Filton	628	43007	62031	14320	11631	11719	81835	83358	
Rhoose	715	21905	67011	14617	18532	09813	81820		
Hartland Point	703	42713	64030	16013	22530	12708	82820	83360	
Mount Batten	827	72513	84021	15516	6853/	12706	81825	86630	
St.Mawgan	817	42610	75011	15817	28331	12807	81707		
Scilly	804	62311	79016	16915	68471	10808	83816	86625	
Culdrose	809	72611	68258	16515	6833/	11807	81709	83820	86635
Guernsey	894	72414	56052	16913	7613/	12803	82702	86703	
Elmdon	534	32007	64021	13619	21602	09818	82830		
Cardington	559	32805	57050	13721	11680	12718	81840		
Wittering	462	22306	70030	13720	21601	11716	82830		
Watnall	354	42308	75031	13819	20932	11715	82360	83075	
Shawbury	414	42506	80021	14217	48502	11719	83823	83070	
Finningley	360	61603	75031	13318	58632	10719	82835	85657	
Spurn Point	396	10907	60051	13815	00901	10817	81075		
Leeming	257	32308	89020	12519	11602	05726	81840	83080	
Tynemouth	262	41212	81021	12613	10931	08724	81359	84075	
Carlisle	222	62712	83032	13116	48542	08715	83825	84075	
Valley	302	72111	81022	14614	785//	10713	81825	87645	
Ringway	334	53009	70031	14017	31602	07717	83835	83080	
Squires Gate	318	52607	84012	14516	31602	08715	83835	85075	
Ronaldsway	204	72106	84021	14013	18536	09814	81820	87270	
Mull of Galloway	131	72315	83022	13414	756//	11717	87630		
Eskdalemuir	162	72212	84021	12513	7[illegible]5//	07714	87825		
Prestwick	135	82414	82022	12813	885//	05717	81820	88640	
Abbotsinch	140	72214	80022	12013	785//	06716	83825	87640	
Leuchars	171	72515	72012	10916	58532	06719	84822	83360	85078
Dyce	091	71915	86032	08320	11642	07722	81830	84365	86070
Lerwick	005	81820	70036	06211	5557/	08818	82625	85640	88462
Wick	075	71812	82212	07012	3557/	08718	81625	83632	85359
Sule Skerry	010	82029	60606	04210	3742/	10724	83710	88458	
Cape Wrath	049	82334	60636	04409	873//	08717	88707		
Stornoway	026	62320	66156	05113	684//	08612	84816	85638	
Benbecula	022	72217	70256	06011	784//	09608	82714	83818	87635
Tiree	100	82117	62216	08312	854//	11716	82711	84618	88635
Aldergrove	917	82412	88032	12513	855//	07719	85621	88629	
Malin	980	82217	83606	10613	864//	10617	86717	88632	
Belmullet	976	82314	56605	11911	6642/	10613	81712	85716	88458
Birr	965	82308	81022	14114	885//	09715	84721	88636	
Dublin	969	72410	82021	13415	785//	07617	82825	86640	
Shannon	962	82511	86025	14214	854//	10718	82717	86622	85630
Roches Point	952	71813	80021	14814	785//	09717	81820	87635	
Valentia	953	82311	58505	15511	864//	10714	84710	88626	

OBSERVATIONS at 18h. 20 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
	746	62811	81021	11219	61601	10509	86832	83078	
	862	22311	75030	12018	12632	11716	81840		
	797	12111	78011	12220	00909	11613	81172		
	776	12112	86020	12018	12731	05712	81850		
	775	12013	83028	10821	12642	03714	81840		
	772	12011	82021	10922	12631	06611	81840		
	586	70906	57609	10715	5967/	12811	81935	85656	87360
	590	71007	62019	11416	5863/	12714	82835	84656	86359
	497	82110	58619	12115	825//	11400	88825		
	502	72607	82022	11914	785/2	10712	81822	87640	
	628	42712	82011	11718	12601	10711	81840	84078	
	715	62812	75031	12116	18532	09615	81825	86075	
	703	62420	83011	12813	38431	09621	81818	83625	86360
	827	52315	82011	13614	18571	10609	81825	84075	
	817	72314	80031	13414	754//	10813	82614	87619	
	804	72614	80031	14614	38531	10713	82825	86360	
	809	42616	70011	14214	38431	09612	82816	83359	
	894	72714	59052	14713	66159	12610	83702	86704	
	534	42607	68011	10319	34601	10616	81835	83640	
	559	52508	65011	09622	28731	10616	81850	83075	
	462	43108	68021	09821	21631	11619	82840	83080	
	354	52707	80031	10419	12631	11720	81835	85075	
	414	62612	80021	10418	28606	10615	81835	86272	
	360	42807	75031	10119	38632	09614	81845	83657	
	396	31210	58051	10214	23502	11719	82925	83075	
	257	72613	86021	10117	35702	05609	83650	87075	
	262	61702	80021	09414	25604	11713	82630	86075	
	222	72408	82022	09515	68432	08719	81717	83825	86643
	302	72113	75022	10913	5533/	11717	81708	85645	87358
	334	73407	70022	10617	756//	08715	83640	87650	
	318	72803	81021	10615	785/2	09720	81825	87639	
	204	82308	68032	10013	65387	10718	81708	86650	88272
	131	72118	77022	09311	785//	11821	83820	84630	
	162	81912	81032	09112	885//	07716	85825	88645	
	135	82309	75152	08314	6557/	08719	81620	83634	85645
	140	82213	65602	07813	3557/	08618	81620	83635	88465
	171	72512	81022	07115	38678	06618	81830	83650	86362
	091	81809	84022	05515	2867/	07714	81830	84360	88463
	005	62022	70216	03511	684//	08615	82710	83818	85626
	075	72210	86028	04413	5853/	08807	82820	83645	87359
	010	72308	57626	03010	774//	10604	87715		
	049	72322	66808	03009	6347/	08802	86915	87360	
	026	42812	80258	04112	48400	09301	83818		
	022	42612	82018	04613	38431	09601	83817		
	100	82116	30608	05810	6622/	10712	82705	86709	88550
	917	82510	82026	08314	4541/	09719	82715	83620	88459
	980	82216	75606	07511	4547/	09712	81716	83635	88459
	976	81913	66616	07612	6642/	11720	85714	88459	
	965	82307	75205	10113	863//	10619	83708	86712	88632
	969	82307	80022	09615	855//	08719	83628	88635	
	962	82008	60605	10012	7547/	11725	82712	86620	87458
	952	82313	75216	11512	864//	09715	81711	87717	88633
	953	81812	50616	10311	863//	10730	88708		

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	00220	116	+	+
	862	00210	101	+	+
	797	00220	129	+	+
	776	00230	122	+	+
	775	97240	120	pr$_o$	+
	772	00250	113	+	+
	586	07221	091	pr$_o$	tl$_o$Rpr$_o$r$_o$rir$_o$
	590	01210	073	tr$_o$tr	tlr$_o$r
	497		062		
	502	97151	067	jf	r$_o$
	628	00210	124	+	+
	715	00190	136	+	+
	703	00150	095		
	827	00190	101	+	+
	817	00170	095	+	+
	804	97160	070	id$_o$	+
	809	97160	058	pr$_o$	+
	894	00150	029	+	+
	534	00210	104	+	+
	559	00240	113	+	+
	462	00220	135	+	+
	354	00200	107	+	+
	414	00200	104	+	+
	360	00210	120	+	+
	396			+	+
	257	00190	118	+	+
	262	00170	102	+	+
	222	00160	081	+	+
	302	00160	058	+	+
	334	00180	077	+	+
	318	00170	093	+	jp
	204	00140	088	+	+
	131	00140			
	162	00150	061	+	+
	135	91161	014	+	r$_o$
	140	01151	015	+	r$_o$r$_o$rrr$_o$r$_o$
	171	97170	060	+	r$_o$
	091	95201	070	+	r$_o$rr$_o$
	005	06121	018	r$_o$r$_o$	rr
	075	92141	002	ir$_o$pr$_o$	pr$_o$
	010	07132			
	049	07111	010	ir$_o$rr	pr$_o$
	026	04141	048	rrpr$_o$	pr$_o$
	022	01131	049	r$_o$r$_o$pr$_o$	pr$_o$
	100	05131	000	drirprir$_o$	pr$_o$r$_o$r$_o$rd$_o$r$_o$R
	917	97161	003	ir$_o$	r$_o$r$_o$
	980	0113	002		
	976	0212	000		
	965	97			
	969	0016	019		
	962	9115	001		
	952	9715	028		
	953	0213	000		

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

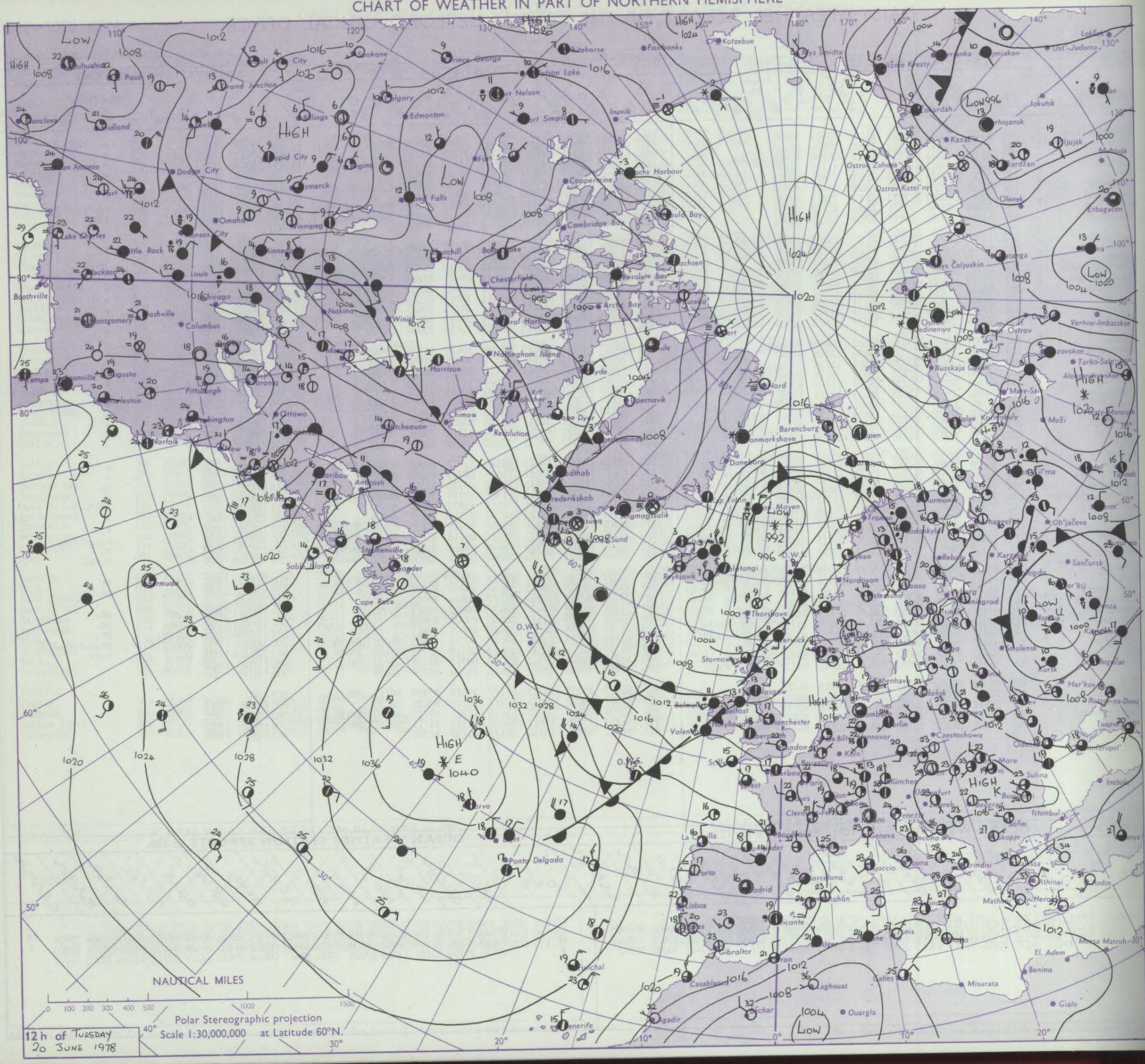
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99570	70205	20124	73313	98022	09909	784/1	00106	82816	87635	0//03	11090	30805	26804
L	99658	10025	20124	81716	97602	01008	854//	00813	84710	88630	0//06	10885	30402	25804
M	99470	70170	20124	72911	97015	20414	754//	00711	87615	/////	0//14	11426	30000	32802
R														

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	99570	70204	20184	63211	98012	09509	58402	00703	82816	85638	0//03	11105	30804	25904
L	99659	10026	20184	82011	98606	99908	1847/	00113	81815	88456	0//07	10904	30201	25803
M	99470	70169	20184	83116	97025	18214	854//	00610	88615	/////	0//12	11414	30603	/////
R														

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH 1008
LOW 1012
HIGH 1016
HIGH 1020
LOW 1008
HIGH 1024
LOW 996
LOW 1000
HIGH 1028
LOW 1004
HIGH 1032
HIGH 1036
HIGH E 1040
LOW 992
HIGH 1020
LOW 1000
HIGH 1016
HIGH K 1016
LOW 1004
Whitehorse
Fairbanks
Kotzebue
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Calgary
Edmonton
Billings
Rapid City
Regina
Winnipeg
Fort Smith
Coppermine
Sachs Harbour
Cambridge Bay
Resolute Bay
Arctic Bay
Nottingham Island
Port Harrison
Chimo
Resolution
Cape Dyer
Frederikshab
Godthab
Angmagssalik
Sukkertoppen
Reykjavik
Thorshavn
Stornoway
Belmullet
Valentia
Shannon
Belfast
Holyhead
Manchester
Liverpool
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Clermont-Ferrand
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Praha
Warszawa
Czestochowa
Kraków
Budapest
Beograd
Zagreb
Sarajevo
Sofia
Skopje
Istanbul
Athinai
Rodos
Izmir
Antalya
Adana
Beirut
Haifa
Tel Aviv
Jerusalem
Amman
Damascus
Baghdad
Mosul
Kirkuk
Tehran
Mashhad
Kabul
Peshawar
Lahore
Jodhpur
Ahmadabad
Bombay
Poona
Hyderabad
Madras
Bangalore
Cochin
Colombo
Calcutta
Dacca
Akyab
Rangoon
Bangkok
Saigon
Phnom Penh
Vientiane
Hanoi
Haikou
Guangzhou
Hong Kong
Xiamen
Fuzhou
Shanghai
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Qiqihar
Hailar
Chita
Irkutsk
Ulan-Ude
Ulan Bator
Khovd
Ulaangom
Barnaul
Novosibirsk
Omsk
Tjumen'
Sverdlovsk
Perm'
Kirov
Gorkij
Kazan'
Ufa
Orenburg
Saratov
Volgograd
Astrahan'
Groznyj
Baku
Tbilisi
Erevan
Kujbyšev
Penza
Tambov
Voronež
Kursk
Orel
Tula
Moskva
Smolensk
Kalinin
Jaroslavl'
Rostov-na-Donu
Har'kov
Kiev
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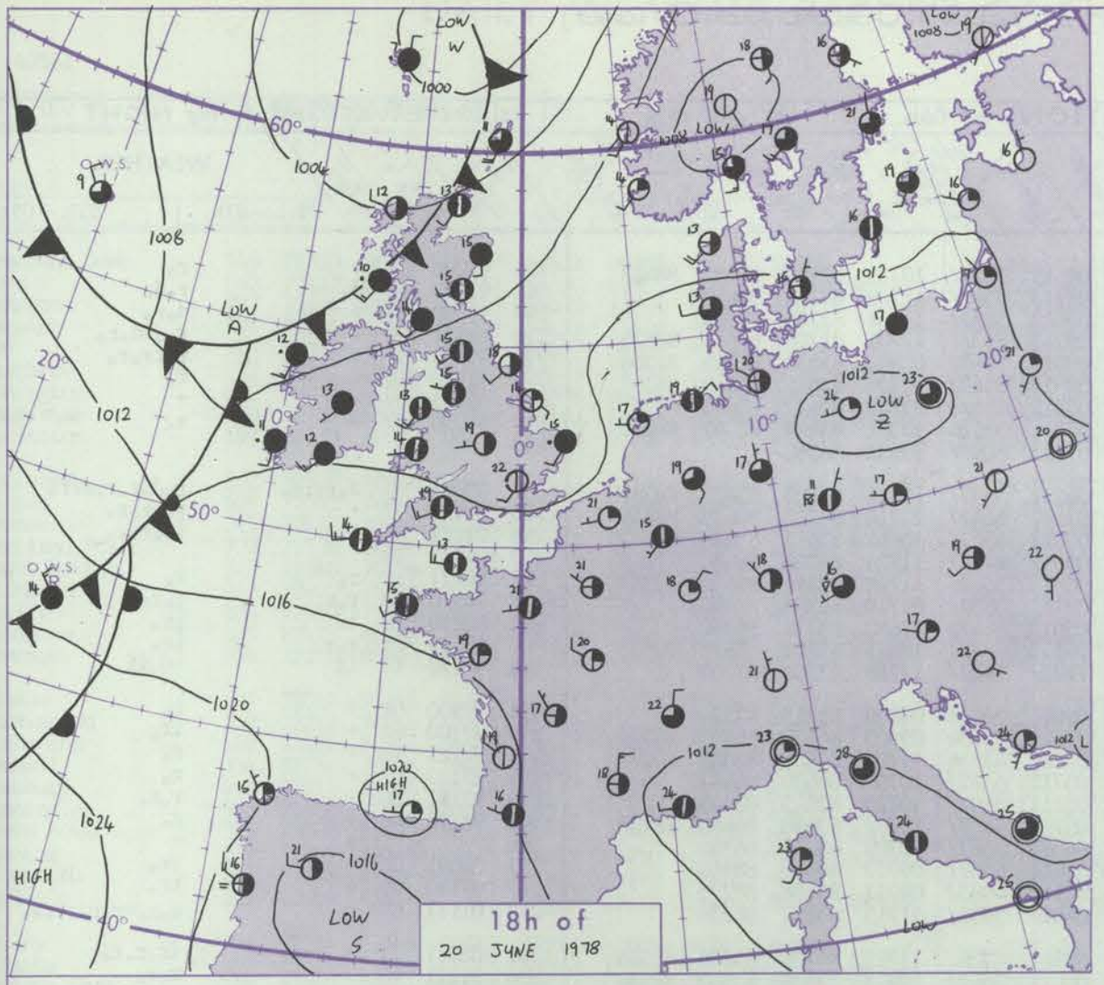
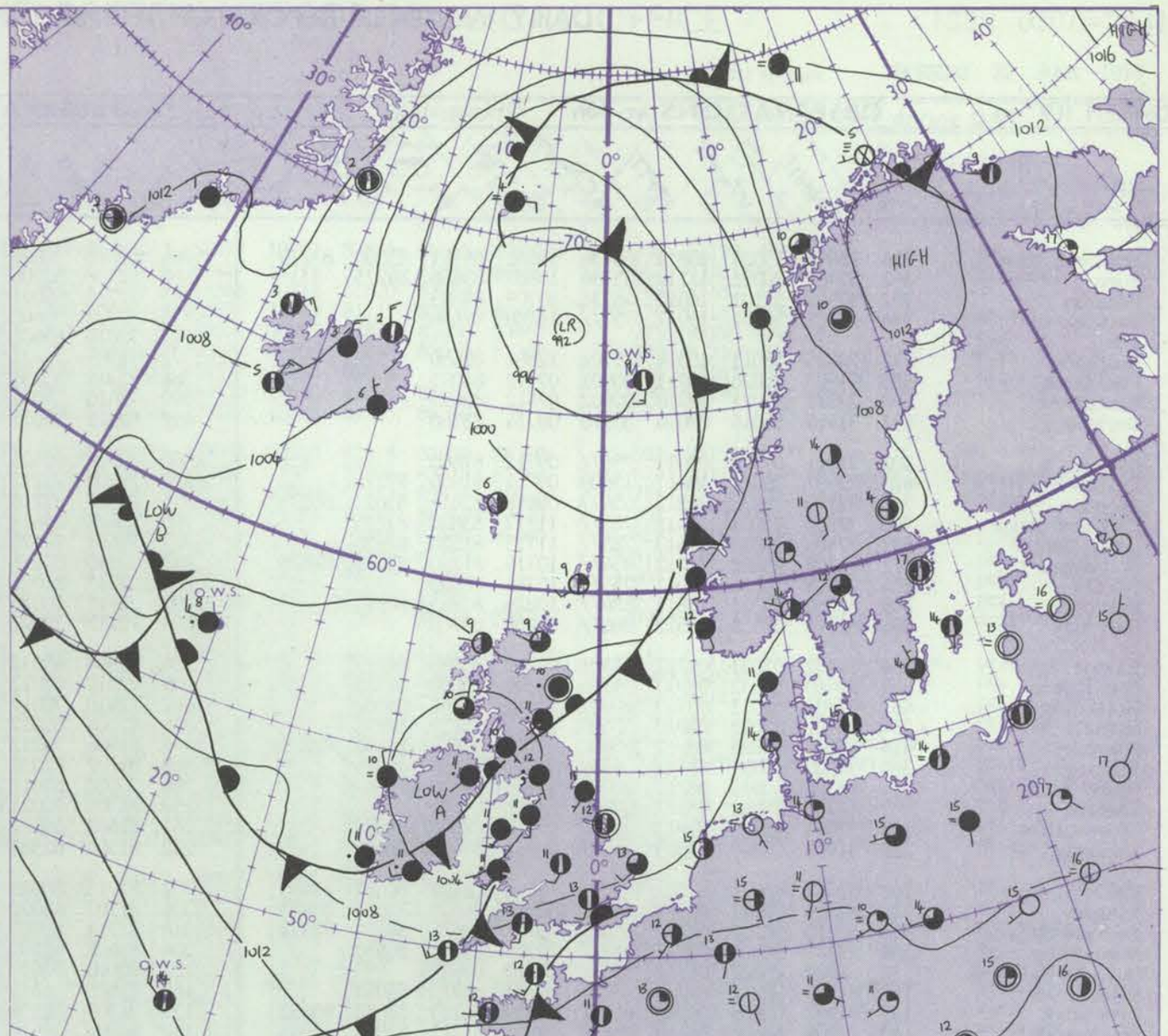
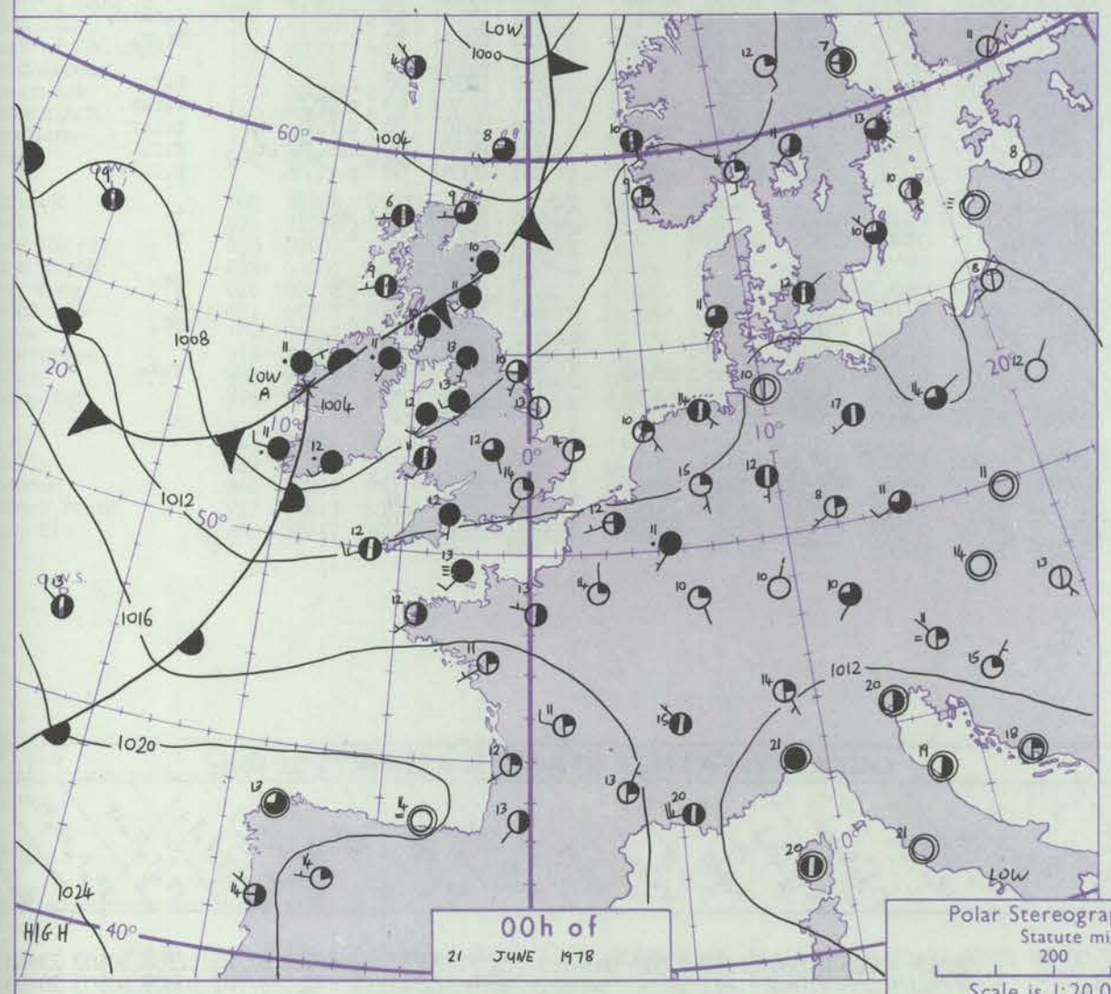
Ponta Delgada
Lajes
Keflavik
Narsarssuaq
Sondrestrom
Godthab
Frederikshab
Angmagssalik
Sukkertoppen
Cape Farewell
Cape Race
Stephenville
Sable Island
Bermuda
Caribou
Anticosti
Mont Joli
Ottawa
Toronto
Kapuskasing
Moosonee
Churchill
Baker Lake
Chesterfield
Nakina
Winisk
Port Harrison
Chimo
Resolution
Cape Dyer
Hatteras
Norfolk
Washington
New York
Philadelphia
Pittsburgh
Charleston
Columbus
Nashville
Montgomery
Jacksonville
Tampa
Miami
Augusta
Atlanta
Chicago
Milwaukee
Minneapolis
Kansas City
Omaha
Little Rock
Lake Charles
Jackson
Louisville
Boothville
Dodge City
Amarillo
Albuquerque
El Paso
Midland
San Antonio
Brownsville
Monclova
Chihuahua
Grand Junction
Salt Lake City
Spokane
Billings
Rapid City
Bismarck
Winnipeg
Regina
Calgary
Edmonton
Fort Smith
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Whitehorse
Fairbanks
Kotzebue
Barrow
Point Hope
Nome
Kodiak
Anchorage
Juneau
Sitka
Prince Rupert
Vancouver
Victoria
Seattle
Portland
San Francisco
Los Angeles
San Diego
Phoenix
Tucson
Las Vegas
Reno
Salt Lake City
Grand Junction
Denver
Cheyenne
Rapid City
Billings
Great Falls
Helena
Spokane
Boise
Pocatello
Medicine Hat
Lethbridge
Calgary
Edmonton







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 21 JUNE 1978

During the past 24 hours a weak frontal trough over southeast England moved away southeastwards as a shallow low moved southeast to central Ireland and an associated front moved southeast over Scotland and Northern Ireland.

During the next 24 hours the low over Ireland is expected to move east then northeast over northern districts of England whilst a new depression forms and moves northeast to the Irish Sea with associated frontal troughs moving eastwards over many districts of England and Wales.

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

Code FM 11.V — OBSERVATIONS at 00h. — 21 June 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	72405	75021	10811	66436	10808	86711	85360	87270
Hurn	862	52407	70031	11212	35736	10807	83656	84275	
Manston	797	52012	57101	10810	46231	10709	84705		
Gatwick	776	72202	56101	10911	757//	11808	87656		
Kew									
Heathrow	772	22005	58011	10314	15701	12806	81650		
Honington	586	41907	66026	08711	00901	07712	84075		
Wattisham	590	22011	65021	09310	00902	07812	82075		
Gorleston	497	31910	66016	09014	30970	09714	83360		
Aberporth	502	72011	80026	09411	756//	09712	87640		
Filton	628	72407	70011	10411	15608	09811	81630	87275	
Rhoose	715	82510	78032	09812	65477	09818	82614	85622	88275
Hartland Point	703	72630	73022	10412	785//	11817	83820	87625	
Mount Batten	827	72406	70022	11613	785//	11713	81820	87630	
St.Mawgan	817	81908	75022	11212	854//	10716	81710	83612	88626
Scilly	804	72515	74216	12012	755//	10714	87620		
Culdrose	809	82310	75021	11813	884//	10816	82815	88625	
Guernsey	894	82311	08414	13513	860//	12809	87700		
Elmdon	534	61502	65031	09212	55501	09809	85628	86075	
Cardington	559	72410	60032	09013	55706	10806	85650	87275	
Wittering	462	62707	62011	08713	20932	11810	82362	86080	
Watnall	354	72401	62022	09013	55508	11811	85629	87272	
Shawbury	414	82102	80022	08912	65407	09713	85616	84630	88270
Finningley	360	50000	68021	08411	35732	09811	83650	84075	
Spurn Point	396	13304	58011	08213	10971	12715	81360		
Leeming	257	41702	84011	08212	00901	08711	84075		
Tynemouth	262	52004	69022	07713	20934	08710	82358	85075	
Carlisle	222	81906	70022	07313	4567/	09711	84635	88462	
Valley	302	82017	65032	07712	4532/	10716	81707	84622	88465
Ringway	334	81904	70022	08713	45637	08714	84640	83362	88270
Squires Gate	318	82410	70032	08213	5561/	09715	82635	84645	88468
Ronaldsway	204	81202	59102	07111	852//	10715	81705	88650	
Mull of Galloway	131	82409	78032	06911	855//	10710	88625		
Eskdalemuir	162	81905	58212	07210	854//	09711	83713	88640	
Prestwick	135	81903	62606	06510	6547/	09810	81710	83615	85632
Abbotsinch	140	72204	68606	06110	7547/	09808	81712	83622	87645
Leuchars	171	82310	82026	05811	854//	09708	81615	84634	88645
Dyce	091	82205	65636	04810	6562/	09706	81630	86645	88459
Lerwick	005	62412	80018	02708	48431	08705	81710	84628	
Wick	075	62608	83018	04109	4843/	06001	83818	83635	85359
Sule Skerry	010	32807	81026	03409	31500	07104	83820		
Cape Wrath	049	63209	81808	04009	3342/	06102	83915	86460	
Stornoway	026	72605	86021	04506	5843/	05000	81813	85630	85360
Benbecula	022	53007	87011	04610	58400	06601	83818	83650	
Tiree	100	72505	70026	04509	784//	09705	81710	87635	
Aldergrove	917	82006	70616	06411	853//	10711	82708	85711	88622
Malin	980	82208	80606	05211	6547/	10712	82716	85640	88460
Belmullet	976	80503	66606	04711	7642/	10712	85716	85637	88458
Birr	965	00000	80011	20708	00900	06804			
Dublin	969	82602	70606	06513	854//	09717	83718	87635	
Shannon	962	82008	60615	05111	862//	10724	81705	84709	88620
Roches Point	952	82212	58606	06712	4732/	11628	84707	88556	
Valentia	953	82712	56616	06811	863//	11710	88709		

OBSERVATIONS at 06h. — 21 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	82010	70026	08511	3527/	10712	82705	85359	88462
862	82108	60206	09113	854//	12709	83710	88630	
797	72212	68021	09613	58371	11501	83708	84635	
776	82307	59602	09712	853//	11702	81708	86613	88635
775	72010	65601	08913	5867/	09803	81830	85645	87360
772	71909	75021	08913	65632	10704	82635	85650	86362
586	72311	63031	07912	656/8	09302	82632	85640	87275
590	72410	59031	08412	35534	10301	83629	83362	86075
497	62312	58011	07113	6097/	10602	86360		
502	82016	62625	04211	5537/	10641	83708	85620	88360
628	72209	75212	07512	6542/	10714	81710	84625	87459
715	82311	82216	07012	6547/	10614	82611	85618	88460
703	82428	64618	05512	6732/	11824	86708	88460	
827	72409	70026	08613	5547/	11710	82714	84630	87359
817	72110	80216	08412	3637/	09710	83708	87460	
804	72517	81026	09313	5647/	11610	85718	86360	
809	72614	70026	09113	783//	10611	83709	83815	87625
894	72115	58022	11012	761//	11708	82702	87703	
534	71908	65012	07011	28438	09809	81815	87270	
559	72310	63012	07812	45738	09603	84650	86363	87275
462	72410	70012	07212	45636	11703	84640	83360	87275
354	82108	60022	06712	6562/	10708	86630	88462	
414	81906	70212	05211	854//	10820	83615	88645	
360	81702	62032	05713	7567/	10711	83630	86650	88465
396	70000	62011	06012	3567/	10709	83635	86360	
257	81304	70021	05411	6562/	09712	86645	88465	
262	81602	69022	05112	40937	09712	84358	88275	
222	81504	62582	04012	5552/	11715	85627	88556	
302	81913	60616	03911	6722/	11717	81704	85706	88545
334	81707	62022	05612	7542/	10713	83618	87640	88460
318	81711	50602	04711	852//	11614	81703	84707	88630
204	82408	61632	03311	6722/	10715	82703	85710	88556
131	80000	60636	03710	874//	10714	88710		
162	81505	35616	04310	854//	09711	85710	88625	
135	81105	62636	03610	7547/	09612	84617	85630	88459
140	80902	58616	03611	853//	09610	82706	83624	88632
171	82302	57616	04211	4532/	09706	81709	84630	88460
091	80000	84606	03910	4567/	08601	81630	84645	88360
005	32309	82011	02809	28470	08303	82810		
075	62802	84022	04209	5853/	07305	81820	85645	
010	32708	84021	03109	32505	08501	83820		
049	32905	84028	03909	32540	06302	83820		
026	42702	89031	04009	48500	07701	81820	84640	
022	20105	89011	03910	28500	07400	81820		
100	63609	88021	03410	28401	08502	81815	85075	
917	81503	70616	03010	3537/	09612	81708	83618	88460
980	80109	84036	03311	7647/	10604	85712	86640	87459
976	83412	62106	03910	7647/	08603	85714	85636	88458
965	51704	75021	17108	15602	07818	81630	85070	
969	80000	65616	02511	5647/	10616	83712	83625	88462
962	83107	70506	03212	873//	11503	83707	86709	87715
952	82512	65616	04611	4632/	10502	82708	83634	88458
953	83009	60616	06211	5642/	09302	85712	88556	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97090	06	+	r_o
862	97110	10	d_o	r_od_o
797	97090	08	+	d_or_o
776	01101	06	+	$r_odrd_or_o$
775	92110	05	+	$r_orr_or_o$
772	91120	10	+	r_o
586	00111	09	+	+
590	97090	07	+	r_o
497				
502	03091	09	$d_or_oid_o$	$r_od_or_orpr_or_o$
628	97110	07	+	r_o–r_or_o
715	01111	08	+	ir_orir_o
703	04112	10		
827	94121	11	r_o	r_o
817	94110	10	r_or_o	r_or_o
804	95110	10	id_o	ir_o
809	93110	09	r_or_o	ir_o
894	97110	11	if	id_oif
534	97100	07	+	r_o
559	97100	07	+	ir_o
462	97121	10	+	r_o
354	97110	07	+	r_o
414	93101	06	+	r_or_o
360	97110	06	+	r_o
396			+	+
257	93091	06	+	ir_o
262	97110	09	+	ir_o
222	01111	09	+	d_or_o–$r_or_or_or_o$
302	03111	11	+	$ir_or_or_o$
334	91121	10	+	r_or_o
318	03111	10	+	r_orRir_o
204	02111	10	r_o	Rr_or_o
131	10091			
162	02101	08	r_o	r_or_o
135	04101	09	rr_or_o	r_or_or
140	04101	08	$r_or_oir_o$	r_or_or
171	01101	09	$r_od_or_or_or_o$	r_or_o
091	03091	08	$r_orr_or_o$	$r_or_oir_o$
005	91060	04	pr_o	+
075	00050	02	+	+
010	00081	04		
049	97071	05	pr_o	pr_o
026	00051	01	+	+
022	91061	50	+	pr_o
100	91071	03	r_oir_o	+
917	04091	09	$r_or_orr_o$	r_or_o
980	0410	09		
976	9409	09		
965				
969	0810	10		
962	0711	11		
952	0510	10		
953	1010	10		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_gT_gT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C														
L	99570	70203	21004	72908	98032	08909	784//	00807	83815	87640	0//03	11091	30902	23803
M	99659	10027	21004	81922	97608	96708	3847/	00610	81812	85540	0//08	10859	30503	24803
R	99470	70169	21004	72912	97032	17213	784//	00706	82813	86620	0//13	11412	30603	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_{app}	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_gT_gT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C														
L	99569	70206	21064	82715	97618	04707	3732/	71723	83708	88530	0//04	11108	30603	23803
M	99660	10030	21064	71817	98038	96408	79400	00202	81915	87620	0//07	10809	30503	20905
R	99470	70171	21064	72916	97022	15214	784//	00508	83813	85620	0//11	11420	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

No. 42581

Date of Issue THURSDAY 22 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 21 June 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	72320	86026	06717	62431	09708	83719	86826	
Hurn	862	72117	81016	08217	58532	09704	85825	83360	85075
Manston	797	72114	68026	08615	68472	12708	81810	84612	
Gatwick	776	82114	80036	08216	58437	11708	84816	88272	
Kew	775	72013	81216	07117	4867/	09709	83830	87465	
Heathrow	772	72111	80036	07118	53678	11709	81930	84360	87275
Honington	586	72013	81022	06516	38538	09709	82825	83650	85363
Wattisham	590	72117	75026	07116	785//	11709	83820	83630	87650
Gorleston	497	82113	66022	06617	6557/	09704	86625	88358	
Aberporth	502	72518	68806	03413	42432	10601	81710	84814	87075
Filton	628	72512	70606	06114	6833/	12504	81708	83812	86625
Rhoose	715	72417	82016	05814	5847/	10000	81710	84816	87462
Hartland Point	703	72720	66626	06211	5227/	11305	84705	85820	87360
Mount Batten	827	72318	70026	07815	69472	12607	81711	83815	81918
St.Mawgan	817	72415	75022	07315	48472	10705	82818	86360	
Scilly	804	72610	75022	08215	2243/	11707	82818	87360	
Culdrose	809	82413	60606	08013	5833/	12805	82708	84815	88360
Guernsey	894	72315	82605	10713	68272	11000	82703	85625	85460
Elmdon	534	72017	75218	04315	6847/	10713	85816	87360	
Cardington	559	72210	70258	05616	68538	11713	82825	85635	85275
Wittering	462	72212	80256	04915	785//	12715	84825	87656	
Watnall	354	82116	70606	03914	6852/	10717	86820	88460	
Shawbury	414	72113	80216	02714	3847/	11612	81710	87360	
Finningley	360	71909	70258	03213	5857/	11714	83820	83656	86460
Spurn Point	396	72008	68022	04116	52671	10712	85830	86360	87075
Leeming	257	71707	66216	02115	6841/	11720	82815	85620	87460
Tynemouth	262	81213	48606	03111	3742/	11710	83710	88556	
Carlisle	222	82606	65616	01813	4842/	12712	81715	84633	88558
Valley	302	82214	65606	01513	7722/	12605	87703	88558	
Ringway	334	82011	65616	02213	5532/	12719	81708	84618	88460
Squires Gate	318	81908	58626	01413	7837/	12718	81709	85812	85635
Ronaldsway	204	81107	63616	01411	7522/	11710	81704	83707	86620
Mull of Galloway	131	80000	80616	01811	5551/	10711	85620	88460	
Eskdalemuir	162	80000	35806	01911	893//	10613	83708	83916	
Prestwick	135	80000	80616	01213	4831/	09613	81708	83816	88460
Abbotsinch	140	80606	65616	01413	6841/	10713	81710	85650	88460
Leuchars	171	81011	70616	02812	6542/	09708	82710	85645	88460
Dyce	091	80807	80606	03511	853//	09704	82707	86709	85630
Lerwick	005	32208	86020	04312	22401	06207	82814		
Wick	075	71209	80151	04511	38561	06304	82820	85359	86075
Sule Skerry	010	32903	84020	04012	22502	08204	82820		
Cape Wrath	049	43402	84018	03912	22564	07604	82820	83360	
Stornoway	026	60708	80808	04111	684//	08400	81714	83818	85640
Benbecula	022	60107	89018	02913	42501	06809	84824	84075	
Tiree	100	73612	85012	02212	18508	07708	81822	87275	
Aldergrove	917	70602	70026	01612	753//	10706	81708	83710	87626
Malin	980	70212	88022	02712	58432	08703	81819	85650	85075
Belmullet	976	73310	82012	03812	6843/	08802	82718	84820	
Birr	965	72812	64806	02512	784//	11301	83716	86820	86630
Dublin	969	83202	80806	01215	884//	09703	86818	88640	
Shannon	962	53015	86015	03815	38502	07000	82826	83075	
Roches Point	952	72813	80028	04514	684/8	08602	86819	87275	
Valentia	953	52812	84036	05914	28502	09803	81823	85070	

OBSERVATIONS at 18h. 21 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	72115	81218	05113	5847/	10707	83814	84645	87459
862	82216	62616	05814	6142/	11711	82710	85812	88460
797	42019	82021	06115	18583	10711	81820	83358	
776	82213	72608	06313	4847/	11709	81712	83635	88462
775	72013	80022	05116	5867/	08705	83830	85650	87462
772	72014	75028	04817	4867/	09708	82830	83650	87360
586	32310	80028	04015	18532	10705	81828		
590	62015	80038	04117	68630	10610	82835	85657	
497	62510	66038	04316	3257/	10506	83825	84360	
502	72215	82018	02114	48432	08707	82818	83640	86360
628	72408	70806	04213	58331	11507	83708	83818	85360
715	72614	80218	03813	7847/	10709	81712	83628	86645
703	72227	77026	04013	42471	11711	84810	86360	87075
827	72508	70026	05014	4847/	11612	82815	83640	85360
817	72413	75218	05113	48372	11710	83709	87359	
804	72515	65258	06213	5847/	11711	84814	85360	
809	62613	70016	05714	58432	09711	82818	83359	
894	82115	62216	07212	851//	12717	83702	85703	88620
534	72316	70218	02414	38532	08708	81820	85360	
559	72313	64158	03915	785//	11609	83825	86640	
462	72315	82258	02913	58632	10502	85830	84360	
354	72212	70806	01913	68432	11704	86818		
414	72410	81808	01213	5857/	09604	82822	84650	87361
360	72013	80608	00614	2857/	10607	81822	87460	
396	52512	66018	01215	3367/	10508	83930	85360	
257	81906	75618	99113	6841/	11709	81815	86656	88460
262	81412	48606	98912	4742/	11721	84715	88556	
222	82703	67606	99013	2847/	10613	81714	88464	
302	72112	75028	00413	6827/	11705	82704	86650	
334	82213	66616	00513	4847/	11605	81710	83625	88462
318	72613	70258	99713	58332	11707	84708	83640	86070
204	72407	82026	99711	783//	10605	82708	86620	
131	62908	82016	99811	685//	11709	82825	86630	
162	72205	80618	98513	58478	09614	84819	83645	87362
135	72707	75616	99012	3847/	10711	81711	83656	85360
140	83205	60618	98512	7542/	10708	81710	83635	86650
171	81112	70616	99711	4512/	10716	81702	83650	88460
091	80607	40616	00910	872//	10815	82703	85704	87705
005	41406	86021	04411	12402	07000	81814	84075	
075	70909	86022	02811	58532	07710	81820	85656	87360
010	80707	84031	02812	32507	08707	83820	88270	
049	60509	84011	02410	32532	06711	83820	84360	86070
026	70416	89038	02010	38502	06609	81825	83635	86075
022	70614	89022	00812	38402	06609	82816	86075	
100	73511	89032	99512	4853/	09713	81822	83656	87359
917	70108	84216	99513	5547/	09807	81712	84626	86360
980	53411	89032	00611	48502	05811	83822	84075	
976	72704	86022	01712	5853/	06712	83820	83640	
965	72712	81028	01112	785//	06605	84820	86632	
969	73204	70218	99813	6347/	10708	82918	84635	85360
962	82912	84606	02112	3557/	07710	81622	83645	88459
952	82608	62616	02711	5742/	10607	82711	84714	88550
953	82806	70606	03311	3642/	08714	83718	88556	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	91190	046	pr$_o$	pr$_o$ir$_o$
862	97181	022	r$_o$	r$_o$r$_o$d$_o$r$_o$
797	97180	045	d$_o$r$_o$d$_o$	+
776	01181	034	d$_o$–d$_o$r$_o$r$_o$	pr$_o$r$_o$r$_o$
775	93190	044	r$_o$	r$_o$r
772	97210	040	r$_o$pr$_o$	r$_o$r$_o$
586	02181	042	pr$_o$pr	pr$_o$
590	92190	042	pr$_o$	r
497		050		
502	92151	037	ir$_o$pr$_o$	+
628	10171	018	r$_o$r$_o$rr$_o$pr$_o$	pr$_o$prpRpr
715	02150	003	r$_o$rr$_o$pr$_o$	pr$_o$ir$_o$
703	09132	014		
827	91161	016	r$_o$	r$_o$r
817	01171	021	+	pr$_o$r$_o$r
804	04161	025	+	prRr
809	02152	025	ir$_o$	pr$_o$
894	07141	009	r$_o$d$_o$r$_o$	drfrr$_o$r$_o$fff
534	01171	012	r$_o$pr$_o$prr$_o$rpr$_o$	pr$_o$r$_o$r$_o$pr$_o$
559	96190	021	ir$_o$pr$_o$	pr$_o$
462	01181	030	r$_o$pr$_o$	pr$_o$
354	02161	002	ir$_o$	pr$_o$prr$_o$r
414	95171	005	r$_o$r$_o$rpr$_o$pr	pr$_o$
360	01161	005	pr$_o$prr$_o$Rr	pr$_o$prr$_o$
396			ir$_o$	pr$_o$
257	09151	001	Rrpr$_o$prr$_o$	r$_o$r$_o$r
262	06141	000	r$_o$r$_o$rrir$_o$	ir$_o$r$_o$r$_o$
222	01141	001	r$_o$r$_o$r	rr$_o$r$_o$ir$_o$
302	92151	018	ir$_o$pr$_o$	pr$_o$ir$_o$
334	03141	000	r$_o$r$_o$rr$_o$r$_o$	r$_o$r$_o$
318	04151	021	r$_o$r$_o$ir$_o$Rrpr$_o$	rRr$_o$r$_o$pr$_o$
204	02131	013	drrr$_o$r$_o$	r$_o$
131	93131			
162	11131	000	r$_o$r$_o$pRprpr$_o$	pr$_o$r$_o$r$_o$
135	01141	000	rrr$_o$r$_o$	r$_o$r$_o$
140	05151	003	r$_o$r$_o$rpr$_o$	pr$_o$prr$_o$r$_o$
171	03131	000	r$_o$r$_o$rr$_o$r	rr$_o$r$_o$drr$_o$r$_o$
091	03121	000	r$_o$r$_o$ir$_o$	r$_o$r$_o$rr
005	00130	145	+	+
075	91120	054	+	r$_o$r$_o$
010	00131			
049	97120	140	pr$_o$	+
026	97121	095	pr$_o$	r$_o$
022	00151	104	+	+
100	91131	104	jp	d$_o$r$_o$
917	01141	001	r$_o$r$_o$rr$_o$	r$_o$
980	0013	059		
976	0014	029		
965	0315	005		
969	0315	006		
962	9116	025		
952	0215	007		
953	9414	035		

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

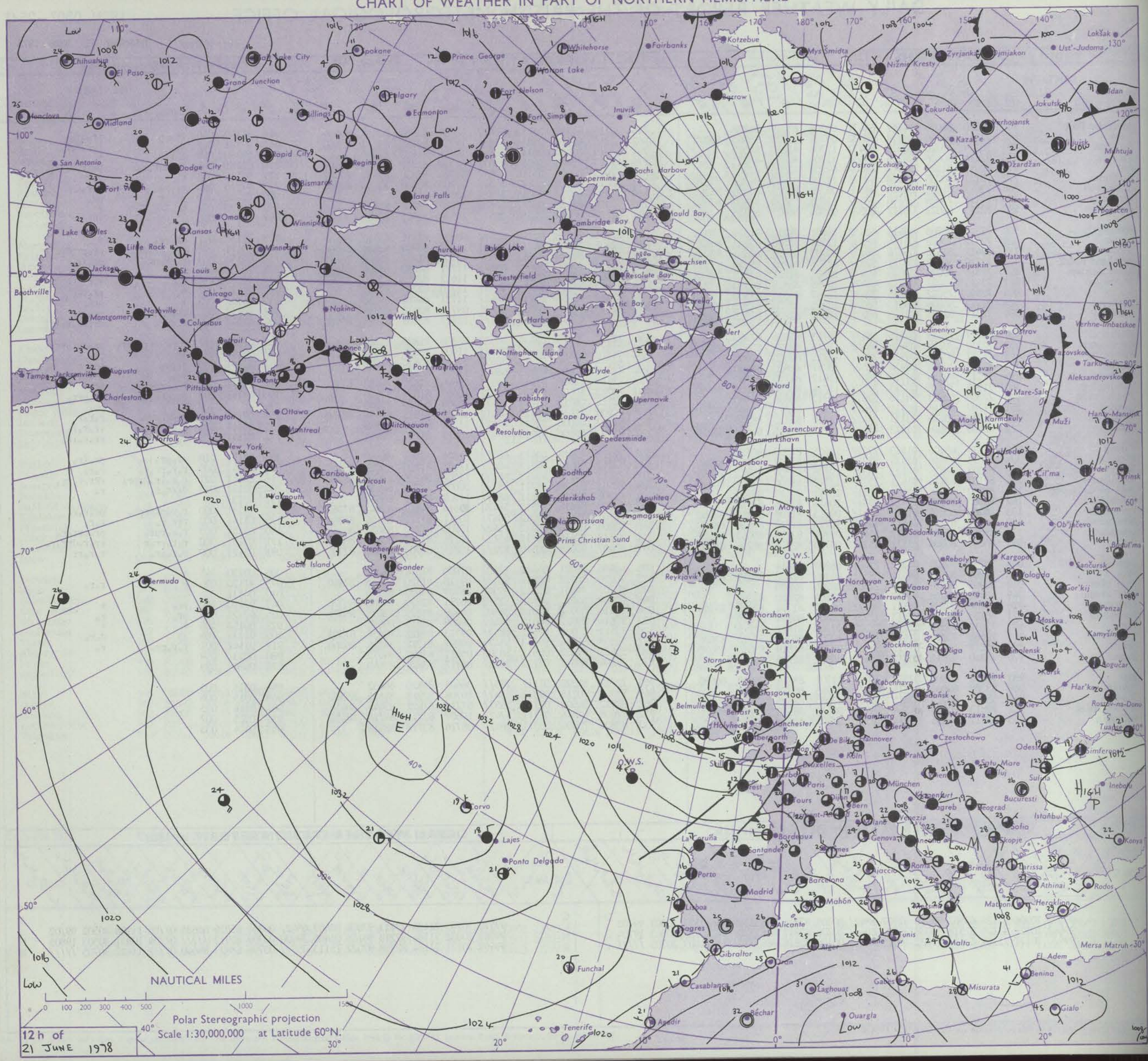
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99570	70206	21124	63507	98616	02707	5842/	00709	83816	84635	0//06	11137	30301	99/02
	99662	10029	21124	82518	98038	99406	884//	00320	82812	88625	0//05	10798	30503	19704
	99470	70171	21124	83117	97032	16013	884//	00104	82816	88635	0//11	11409	30705	/////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99570	70205	21184	73413	97808	02407	6842/	00304	85816	84635	0//06	11148	30502	99/02
	99663	10031	21184	32218	98158	01408	39400	00309	82912	/////	0//04	10831	30503	19805
	99469	70171	21184	82918	97022	15113	855//	00706	83823	88640	0//12	11427	30705	/////

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



18h of 21 JUNE 1978

00h of 22 JUNE 1978

06h of 22 JUNE 1978

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 22 JUNE 1978

During the past 24 hours a depression moved slowly northwards from Ireland to Scotland.

During the next 24 hours this depression is expected to remain over Scotland and deepen slightly. A further low, now just west of Ireland, will continue moving eastwards and be absorbed within the circulation of the Scottish depression.

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

Code FM 11.V **OBSERVATIONS at 00h.** 22 June 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	82111	70632	02811	854//	10713	85714	88642	
Hurn	862	82208	65606	03312	5532/	11713	83706	83625	88458
Manston	797	81812	75611	04313	852//	12819	82704	84706	88612
Gatwick	776	82210	65258	03512	853//	11718	82706	85712	88656
Kew									
Heathrow	772	82009	75216	02913	853//	12717	83709	88656	
Honington	586	71708	59028	02612	757//	11714	87650		
Wattisham	590	71909	62026	03311	757//	11812	87650		
Gorleston	497	81913	66616	03313	5553/	12806	85620	88358	
Aberporth	502	82007	58618	00309	854//	09715	82710	88616	
Filton	628	82109	60618	01811	854//	10816	83710	85628	88642
Rhoose	715	82107	68616	01411	7532/	10819	81708	87616	88459
Hartland Point	703	82622	74616	01011	874//	10723	88716		
Mount Batten	827	82315	65616	02312	4532/	11824	81707	83615	88559
St.Mawgan	817	81908	40596	01811	870//	11724	82701	88702	
Scilly	804	82620	72028	02912	5547/	11716	85614	88360	
Culdrose	809	82615	58608	02412	4732/	11723	81709	88458	
Guernsey	894	82219	50582	05512	870//	11816	85701	87702	
Elmdon	534	72008	80028	01211	755//	07809	87628		
Cardington	559	71909	63608	01712	756//	11718	86638	87650	
Wittering	462	72110	80218	01311	756//	09813	87640		
Watnall	354	72108	70028	00611	3557/	09811	83620	87359	
Shawbury	414	72006	81028	99911	38438	09709	81816	83645	87272
Finningley	360	71808	81028	99512	5567/	10712	85638	87460	
Spurn Point	396	51912	65022	00212	50970	10710	85360		
Leeming	257	51909	80016	98311	15531	08806	81625	85362	
Tynemouth	262	82509	61606	97811	7567/	10602	87630		
Carlisle	222	72204	70026	97510	784//	09712	81711	84624	87640
Valley	302	72209	70606	98611	6527/	10711	82705	86650	87362
Ringway	334	82112	70606	99111	856//	09712	86630	88650	
Squires Gate	318	82706	65628	98312	854//	10713	84711	86622	88645
Ronaldsway	204	81202	80601	97810	5547/	09713	81713	85650	88360
Mull of Galloway	131	73411	84031	98309	7566/	09711	37630		
Eskdalemuir	162	80000	62026	97409	6547/	09710	83710	84627	88360
Prestwick	135	60000	75016	97109	3843/	09813	81710	83635	86360
Abbotsinch	140	82404	60106	96711	5537/	10813	81708	84617	88460
Leuchars	171	80713	30636	97210	870//	10716	83701	88702	
Dyce	091	80707	20636	98010	870//	10817	82700	85701	88702
Lerwick	005	60511	86031	03009	38432	07711	82814	85362	
Wick	075	80710	58616	00509	873//	09714	84706	88713	
Sule Skerry	010	80717	59022	01310	685/7	08709	81820	86625	88270
Cape Wrath	049	81412	84032	00509	885//	07708	84820	88625	
Stornoway	026	70710	70808	99710	784//	07713	83818	87630	
Benbecula	022	70415	70408	98410	784//	08709	83816	86635	
Tiree	100	70106	82216	97010	754//	09716	82618	87633	
Aldergrove	917	73602	82026	98608	756//	06810	82635	87656	
Malin	980	73009	89012	98310	58532	06715	84822	85075	
Belmullet	976	72403	80022	99609	5543/	06714	81718	84640	
Birr	965	70000	70028	99808	784//	07813	82714	84820	
Dublin	969	82610	75618	98709	863//	08707	84706	85710	88645
Shannon	962	82805	75606	00010	855//	08713	82625	87640	
Roches Point	952	82604	75216	00610	864//	08812	82711	88721	
Valentia	953	71806	75256	00910	785//	09715	85820	86636	

OBSERVATIONS at 06h. 22 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	72210	72606	98711	68238	10615	85704	83813	87270
862	82210	62638	99512	6832/	11710	81708	85620	88550
797	81913	65626	01212	852//	11815	84705	87710	88640
776	82211	58636	99812	5742/	11721	85710	88540	
775	81804	65216	99012	6542/	11722	81710	86650	88458
772	81907	65216	99212	6547/	11720	82710	86645	87360
586	81810	64606	99411	4832/	10812	81706	83645	88460
590	81810	57606	99911	852//	11715	82705	85706	88616
497	71812	58026	99813	4557/	11709	84625	85358	
502	72608	89806	98109	3237/	08802	81707	83810	85357
628	72406	68216	98111	68432	10611	81710	85632	
715	72806	70038	98111	5837/	09606	81708	85650	87360
703	82718	66626	98411	874//	11810	88715		
827	82516	58656	99312	7522/	11711	82703	83708	88540
817	82413	60606	99111	852//	11710	87705	88620	
804	72820	70216	00511	5842/	11610	84815	87458	
809	82714	45628	99711	3322/	09612	81703	83705	81912
894	82419	56616	02612	871//	11610	83702	87703	
534	81808	60586	97311	852//	10719	82705	86708	88618
559	81806	62216	98211	4857/	11719	83825	85359	88462
462	71908	62606	98211	7537/	10714	86706	87612	
354	81907	56616	97610	7732/	10714	87706		
414	72205	57636	96810	2537/	10613	81706	87359	
360	71908	62606	96911	15678	10612	81645	86460	86275
396	71911	65026	97511	25678	10712	82630	83360	85275
257	81605	50216	95811	6542/	10712	86615	88462	
262	72003	69026	95610	7097/	09710	87358		
222	71502	70022	95111	6847/	09710	81715	84640	
302	72515	65606	96510	753//	09606	81706	84708	87650
334	72009	61616	96610	55332	09711	81708	85630	85360
318	82411	67808	95411	6847/	10711	81710	85815	88359
204	83312	58656	95208	853//	07608	81706	83715	88621
131	83409	80606	95808	4852/	08710	81820	83625	88458
162	70000	60052	95309	5847/	08708	83710	83630	86364
135	70000	82022	95310	18472	09608	81711	86360	
140	72404	56402	94909	28332	09707	81708	84360	87070
171	80607	40616	95010	871//	09607	82702	85703	86708
091	83604	40616	94910	872//	09611	86703	88704	
005	80422	40638	98509	870//	09722	83701	88703	
075	80412	65616	97209	854//	09715	85710	88615	
010	80715	81028	98410	3241/	09713	83815	88460	
049	80916	70606	97909	853//	08708	85708	88615	
026	80521	62618	97209	853//	07611	81707	86712	88620
022	80417	59636	95509	862//	09613	86705	88710	
100	70000	84148	94510	783/2	10610	81707	83710	86633
917	72705	80602	96609	6547/	07506	82712	84630	87459
980	73109	84256	95811	68532	07609	85820	85359	
976	73304	78808	97609	734//	07708	82718	85920	85640
965	72101	66012	97208	754//	07711	83716	87635	
969	72805	70616	97208	5637/	07802	82708	84715	87359
962	72004	57606	97610	783//	09710	83707	85711	86630
952	70000	65031	98509	784//	08710	81710	87635	
953	72405	75258	98611	735//	09607	87920		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	01101	10	r₀r	rir₀
862	01121	11	r₀R	r₀pr₀rRr₀r₀
797	03111	11	r₀r₀	rr₀r₀
776	06111	11	r₀r₀-pr	r₀r₀d₀r₀rR
775	02111	10	r₀rr₀r₀ir₀	rr₀Rir₀
772	02111	11	r₀rr₀r₀	r₀rRr₀r₀
586	03111	10	pr₀ir₀r₀	r₀rpr₀
590	08111	10	rR	r₀rd₀
497				
502	01091	07	pr₀r₀r₀	ir₀pr₀
628	02111	10	rr₀r₀	r₀r₀r-r₀rpr₀
715	08101	10	rr₀rrr₀r₀rr₀	r₀prrpr₀ir₀
703	09112	10		
827	05111	09	rr₀	r₀r₀rRrr₀
817	08111	09	r₀r₀dr	Rd₀r₀pr
804	07112	10	rrpr	irpr
809	13102	10	pr₀prir₀r₀r₀	r₀r₀irpr₀
894	08101	11	ird₀r₀dr	d₀r₀drr₀r₀ir
534	02101	09	pr₀r₀	r₀rd₀r₀-r₀r₀
559	01101	09	pr₀prr₀r	rr₀
462	94101	09	d₀r₀ir₀	r₀rr₀pr₀
354	02091	08	+	r₀r₀r
414	01101	09	pr₀r₀r₀	r₀r₀r
360	01101	09	r₀d₀r₀dr	r₀d₀r₀r
396			ir₀r₀r₀	ir₀
257	02101	08	r₀	r₀r₀
262	96101	08	r₀r₀ir₀	+
222	97091	07	+	r₀
302	01091	09	ir₀r₀r₀	ir₀r₀r₀
334	92101	08	r₀	r₀r₀
318	03111	10	pr₀r₀rRd₀	pr₀pr
204	07081	07	r₀r₀	rrR
131	02071			
162	91081	05	r₀r₀-r₀	+
135	97071	04	+	pr₀
140	93081	06	r₀r₀rir₀	jf
171	10102	10	r₀r₀Rrrr	r₀r₀
091	07091	10	rrRd₀r₀	d₀r₀r₀r₀ir₀
005	10082	06	pr₀	r₀r₀rr
075	03092	09	r₀r₀	r₀r₀
010	97091	08		
049	94081	07	ir₀	ir₀pr₀
026	05081	07	pr₀r₀	rrr₀r₀
022	06091	09	pr₀ir₀	rrr₀r₀
100	95091	08	d₀r₀ir₀rpr	pr₀
917	94071	05	r	r₀
980	0108	07		
976	0108	06		
965	9107	03		
969	0408	08		
962	0109	09		
952	0109	06		
953	0309	08		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99568	70204	22004	73415	98158	03609	48472	00107	82815	86460	0//03	11111	30703	28903
	99663	10033	22004	72112	98168	04206	69460	00122	84912	/////	0//05	10828	30402	19804
	99470	70169	22004	72824	97012	13113	785//	00715	82820	87640	0//12	11438	30705	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99568	70203	22064	53325	98038	04008	48430	00501	83815	/////	0//04	11083	30704	99/03
	99665	10034	22064	72213	99028	05906	78400	00110	81818	87628	0//02	10818	30302	20804
	99470	70170	22064	82825	97012	10414	884//	00710	81815	88630	0//12	11410	30705	/////

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. 42582

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

Date of Issue FRIDAY 23 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 22 June 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	72506	58806	98111	3942/	10502	81710	83925	87459
Hurn	862	62217	70018	98416	68530	11705	86822		
Manston	797	72123	75256	98815	62472	11809	81710	86813	
Gatwick	776	72218	61806	98614	58468	11705	84814	83657	86268
Kew	775	72211	70256	97714	5337/	10705	81708	82914	83816
Heathrow	772	52114	80806	97515	39430	10807	81915	83362	
Honington	586	72011	82808	96515	68422	10711	85815	83628	86072
Wattisham	590	72212	70256	97014	42503	13808	84825	86070	
Gorleston	497	82314	66606	97113	2242/	12711	82818	88550	
Aberporth	502	72908	86038	97813	68432	09703	83818	85645	86075
Filton	628	62511	81028	97516	48530	11705	83820	85360	
Rhoose	715	62710	81016	98015	3843/	09101	82818	85359	
Hartland Point	703	72712	86028	99013	7853/	10003	84820	87645	
Mount Batten	827	72512	57808	99613	69463	10303	81710	85912	
St.Mawgan	817	62417	80258	99613	53362	11104	81708	82912	84820
Scilly	804	52617	80158	01415	32432	11203	83815	83075	
Culdrose	809	52714	80018	00614	58430	12302	81818	84625	
Guernsey	894	52420	80016	02114	58330	12701	81708	84812	
Elmdon	534	72610	82028	96414	785//	07802	83820	86635	
Cardington	559	72810	66808	96515	785//	10605	84820	86635	
Wittering	462	52812	82038	96016	48502	09707	82820	83635	
Watnall	354	72911	82256	96014	62531	08503	86825		
Shawbury	414	72511	83026	96113	785//	08602	84822	85650	
Finningley	360	72413	72256	95113	6857/	08606	82824	85640	
Spurn Point	396	82509	67808	95212	6467/	11610	84830	87360	
Leeming	257	72508	86216	94213	6857/	08606	82825	86656	87360
Tynemouth	262	83502	61616	94211	5552/	09506	85625	88556	
Carlisle	222	82802	68616	93612	3842/	10708	81710	88459	
Valley	302	72512	82028	97013	6843/	07000	81814	85820	86359
Ringway	334	72813	70026	96212	7853/	07303	82820	86640	85362
Squires Gate	318	72714	80018	96312	6843/	07310	85815	86359	
Ronaldsway	204	72913	84216	95711	4843/	06103	81714	83818	87362
Mull of Galloway	131	83013	58636	95409	2742/	09400	82710	88525	
Eskdalemuir	162	71902	67802	93013	68578	09710	86824		
Prestwick	135	72608	82028	94114	38572	06706	82820	85365	
Abbotsinch	140	73406	82022	93413	6857/	06608	81820	83828	85642
Leuchars	171	81104	64216	93911	852//	10707	83705	83618	87645
Dyce	091	73005	82026	93114	4247/	10808	81715	84822	87359
Lerwick	005	81110	30616	95311	870//	10711	85701	88703	
Wick	075	70114	60606	94810	7523/	10711	81705	83708	86640
Sule Skerry	010	80227	72205	96310	864//	08711	88710		
Cape Wrath	049	80520	70028	95909	853//	07713	82706	88615	
Stornoway	026	80619	75216	97211	854//	08400	81712	85617	88628
Benbecula	022	80422	72606	95610	4837/	09303	81709	83618	88460
Tiree	100	51007	86012	94014	38402	09701	83818	83072	
Aldergrove	917	83509	70806	95410	6847/	07505	81714	85632	88459
Malin	980	62814	86038	94813	38506	06704	82820	85270	
Belmullet	976	53011	86018	97312	43532	07704	83922		
Birr	965	73301	84022	96113	785//	07712	86822	86634	
Dublin	969	72405	82256	96113	735//	06707	85822	81922	
Shannon	962	70304	70806	95911	734//	09610	82712	86920	
Roches Point	952	72113	70808	96314	794/2	11713	86919	83635	
Valentia	953	72910	75818	98112	59403	09301	85918	83070	

OBSERVATIONS at 18h. 22 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	52406	84018	97713	48502	10605	83820	83075	
862	72218	75018	98514	52402	10502	82718	85822	87070
797	72117	82158	98415	684/1	09103	85818		
776	72510	62258	98713	734/3	09203	81710	82915	85628
775	72109	78258	97613	685/1	09601	82820	86650	
772	72109	75258	97614	59463	10501	81812	81920	85650
586	71910	64619	96712	3847/	10104	81816	83636	87360
590	82411	62608	97412	6557/	10205	86628	88460	
497	82404	66808	96912	5343/	10701	85918	88360	
502	72612	78158	95313	73402	08614	82915	83818	
628	52713	82038	97015	48530	09705	83820	83645	
715	62614	82258	96713	694//	08710	81815	81925	86656
703	52625	82158	96812	49570	09712	84925	85360	
827	72318	63158	98314	43462	10811	83916	83359	85075
817	72415	80158	98013	5247/	11712	85811	86360	
804	72616	65218	99212	784//	09713	83815	87623	
809	82614	62808	98712	883//	10714	82709	83814	88645
894	72418	80031	01213	53333	11709	81707	81915	85360
534	62810	68252	95515	685//	07605	84825	84640	
559	72108	30959	96611	793//	10306	83709	86915	85830
462	72610	80031	95516	79562	07703	82925	86656	
354	52707	70032	95315	32633	08505	83830	83067	
414	62510	80152	94814	58501	07611	83828	84645	
360	42507	80018	94715	28602	07803	82830	83075	
396	62608	66018	95014	32671	08101	83830	85360	86075
257	62512	80012	94113	58632	05501	81830	85650	
262	72605	69028	93111	4357/	10400	84925	87358	
222	82512	75806	93010	883//	08802	82709	84815	88640
302	52212	84022	95013	18436	08715	81814	84075	
334	62607	75012	94813	38531	06710	81825	83650	85075
318	42910	84011	94913	18531	07709	81825	83075	
204	72310	86018	94611	684/2	08609	82814	86640	85075
131	82414	80616	94509	4851/	08706	81820	83625	88460
162	83602	58618	92609	854//	08604	82712	88640	
135	82511	67216	93111	884//	09400	81712	83816	86622
140	82908	60618	92211	6832/	10705	81707	83630	86645
171	80802	62606	92211	4532/	09707	82707	84640	88461
091	83402	22636	92311	871//	10501	81702	86704	88706
005	80913	30106	94411	872//	10101	86703	88705	
075	73405	68056	92311	784//	09609	81712	83815	87635
010	83632	16516	93909	873//	08713	88708		
049	80526	58505	94708	873//	08712	88708		
026	70221	78606	97009	753//	07500	81707	85709	87624
022	80318	70806	96210	7837/	08205	82708	83815	86618
100	70117	84018	93612	58431	10702	81712	84640	
917	73303	81028	93911	5857/	07707	82822	85650	87460
980	72910	88022	93613	28508	08704	82820	87270	
976	72915	81258	96212	6347/	08707	81717	85820	82920
965	72606	66808	95310	734//	09103	85712	86920	86632
969	72205	68258	94411	734//	09706	81716	84825	82925
962	73515	82258	95913	535/3	08103	83922	83640	
952	72902	80278	96111	734//	08602	87918	83636	
953	73310	82258	98012	63402	08203	86918	85070	

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	10141	023	r$_o$r$_o$pr$_o$pr	pr$_o$pr
862	01171	067	r$_o$r$_o$pr$_o$	pr$_o$prpR
797	95171	031	r$_o$rr$_o$pr$_o$	jp
776	02161	031	rr$_o$r$_o$pr$_o$	pr$_o$pr
775	03161	034	ipr$_o$pRpr r$_o$	pr$_o$pr
772	05171	013	r$_o$r$_o$rpr$_o$pR	pr$_o$
586	08151	008	prtl$_o$r–tl$_o$HR	pr$_o$rr$_o$r$_o$–ir$_o$
590	06151	005	r$_o$pr$_o$pRpr	pr$_o$r$_o$
497		013		
502	96151	093	+	pr$_o$pr
628	01171	063	pr$_o$	pr$_o$pRpr$_o$
715	94150	065	ir$_o$pr$_o$	pr$_o$
703	02141	056		
827	03151	061	pr$_o$prpR	pr$_o$pr
817	01151	057	prpr$_o$	pr
804	02151	083	pr	irpr
809	01141	060	pr$_o$	pr$_o$
894	91141	076	+	ir$_o$r$_o$
534	97161	018	pr$_o$	pr$_o$
559	06171	021	r$_o$pr$_o$pr$_o$	pr$_o$tlRtl$_o$r$_o$
462	97171	061	pr$_o$	pr$_o$
354	01161	059	pr$_o$	pr$_o$
414	97160	049	+	pr$_o$
360	05161	040	r$_o$rpr$_o$pRpr	+
396			pr$_o$	+
257	97151	035	ir$_o$	+
262	11141	010	r$_o$r$_o$RR	r$_o$r$_o$pR
222	09131	001	r$_o$rRr$_o$r$_o$pr$_o$	pr$_o$r$_o$r$_o$rr
302	91140	069	pr$_o$	+
334	00140	037	+	+
318	00141	091	+	+
204	92121	008	r$_o$r$_o$pr$_o$	pr$_o$
131	09091			
162	05131	002	pr$_o$r$_o$r$_o$	ir$_o$rr
135	03151	020	+	d$_o$r$_o$r$_o$r$_o$rr
140	04151	011	pr$_o$r	rr$_o$r$_o$rr$_o$
171	03132	000	r$_o$r$_o$ir$_o$	ir$_o$r$_o$r$_o$rr
091	10151	001	r$_o$r$_o$	r$_o$r$_o$r–rrRd$_o$r$_o$
005	06111	000	r$_o$r$_o$	r$_o$r$_o$d$_o$d$_o$irr
075	91121	001	ir$_o$	+
010	93112			
049	03092	000	id$_o$	id$_o$rr
026	91111	002	r$_o$r$_o$d$_o$r$_o$	r$_o$ir$_o$d$_o$ir$_o$
022	96121	002	r$_o$r$_o$	pr$_o$
100	97151	045	+	pr$_o$r$_o$
917	02121	001	r$_o$pRpr$_o$	pr$_o$
980	9714	102		
976	9214	037		
965	0714	011		
969	0115	032		
962	0615	036		
952	0615	042		
953	0214	063		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

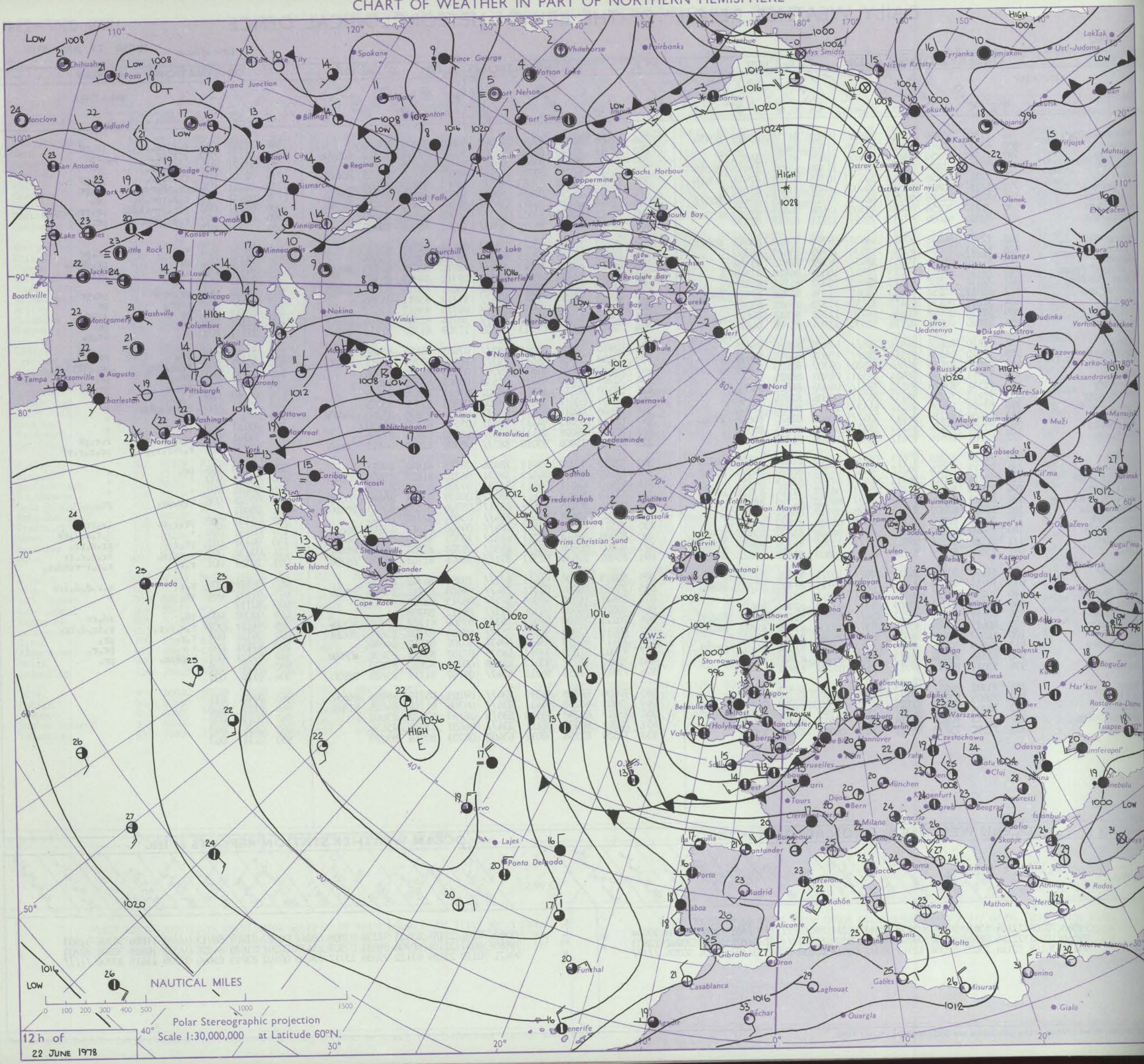
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99568	70203	22124	63610	97801	05808	58461	00211	84813	/////	0//05	11065	30602	30804
	99666	10035	22124	82306	98032	07407	855//	00205	88631	/////	0//01	10822	30201	22803
	99470	70169	22124	73025	97038	12913	785//	00214	83820	87640	0//09	11404	30706	/////

OCEAN WEATHER STATION REPORTS at 18h.

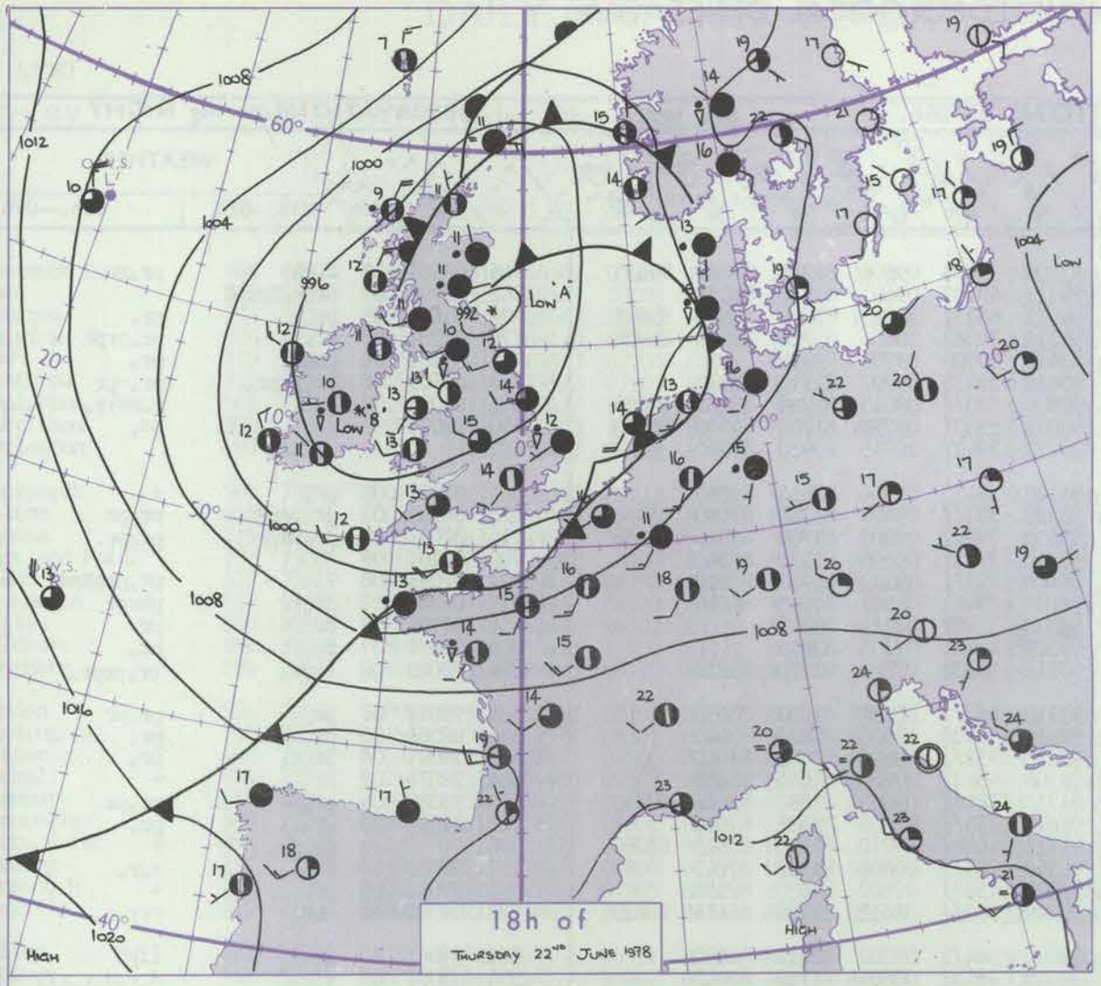
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99567	70202	22184	63523	98158	07809	693//	00307	81707	86913	0//05	11086	30704	31803
	99666	10037	22184	60706	98031	07507	15675	00501	81635	84358	0//02	10885	30201	99/03
	99471	70170	22184	63122	97038	13712	68400	00102	83815	85640	0//09	11419	30706	/////

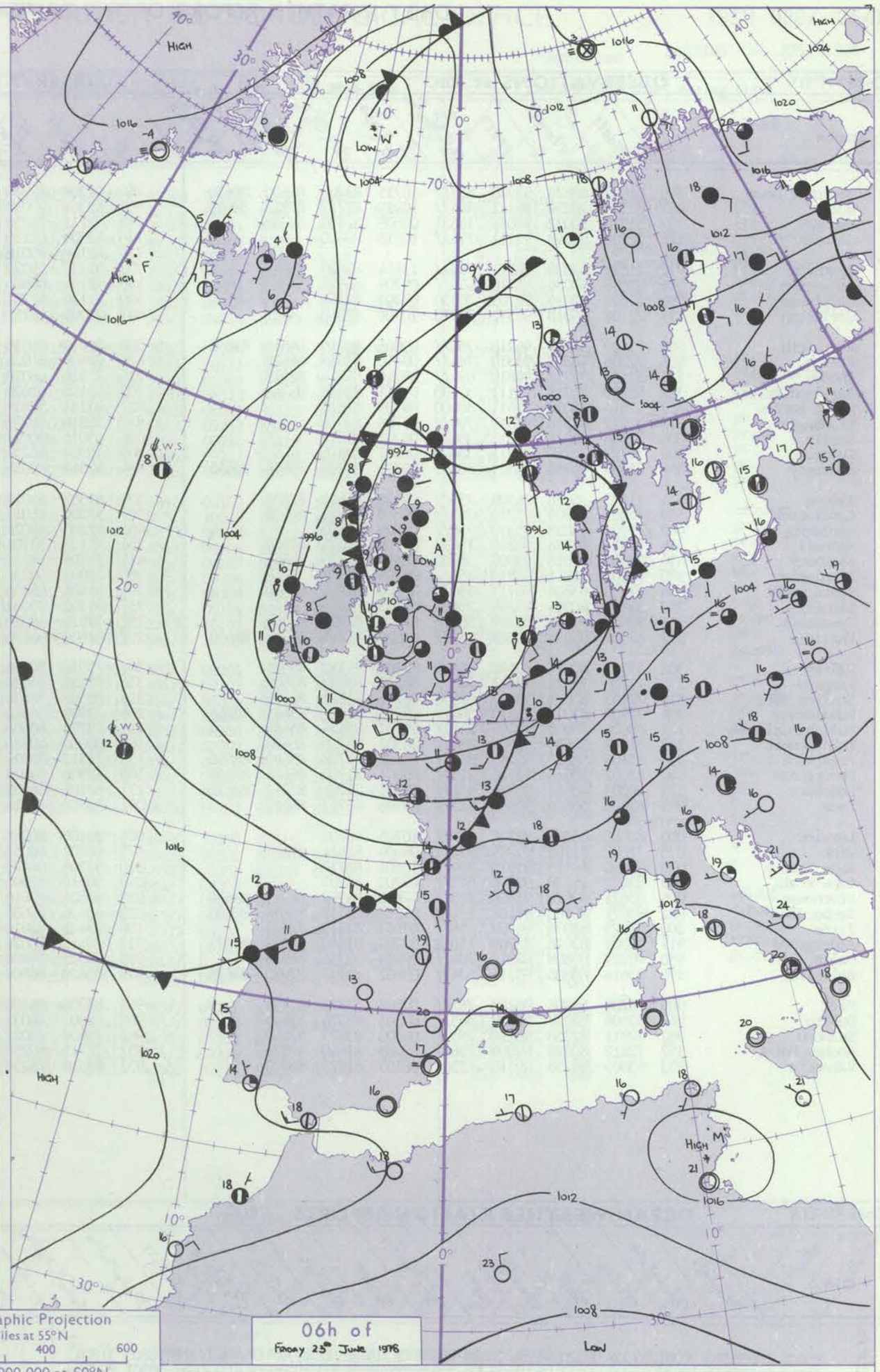
times of observation printed in this publication are GREENWICH MEAN TIME.

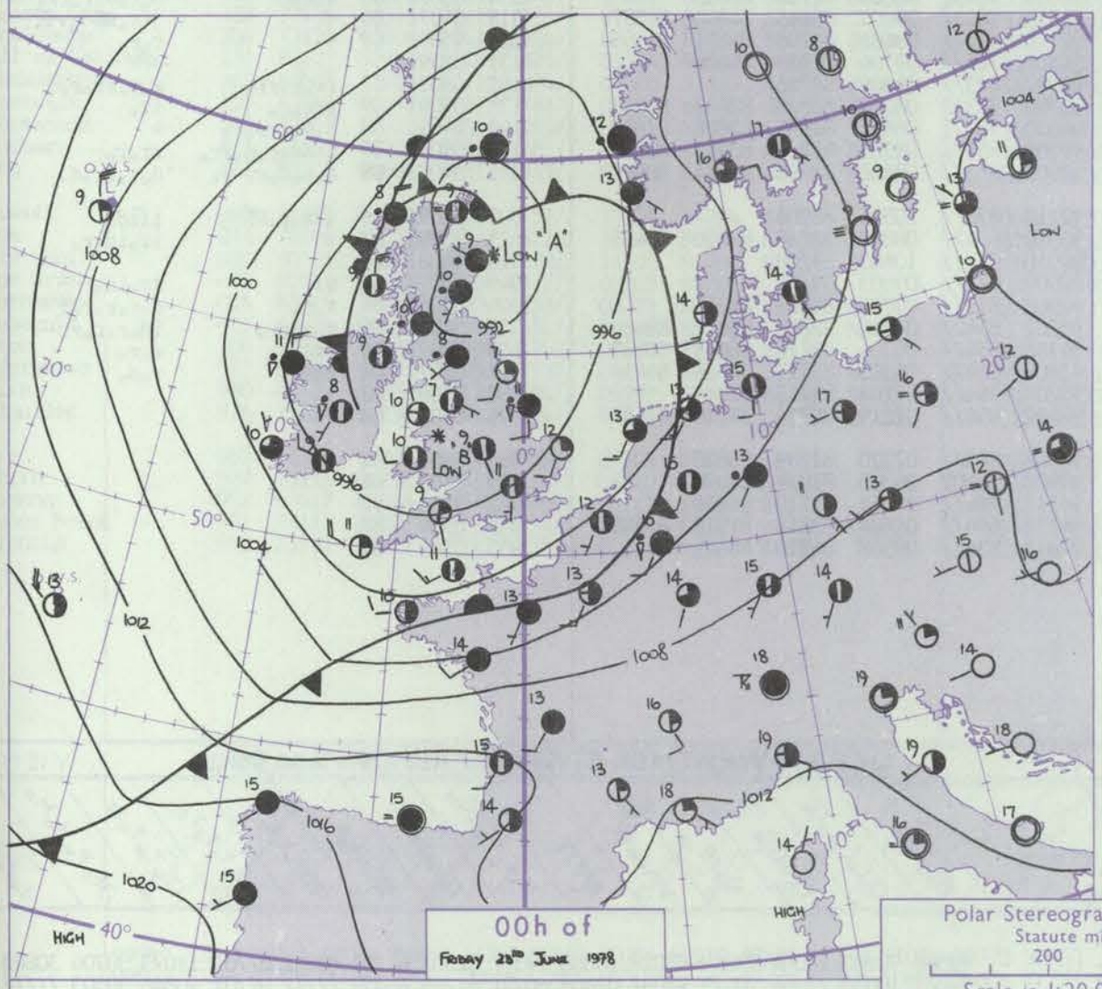
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 23 JUNE 1978

During the past 24 hours a stationary depression over eastern Scotland deepened a little and troughs of low pressure moved eastwards over England and Wales.

Little general change is expected during the next 24 hours.

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

Code FM 11.V

OBSERVATIONS at 00h. 23 June 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	81907	58628	95910	853//	10715	83708	85630	88650
Hurn	862	82308	70256	96111	884//	10719	82712	85815	88643
Manston	797	51910	80022	98011	18631	09809	81830	83358	
Gatwick	776	72008	59048	97111	756//	10818	86640		
Kew									
Heathrow	772	71806	68038	96511	785//	11814	81820	86657	
Honington	586	62008	60036	96310	656//	09709	86645		
Wattisham	590	21909	62016	96709	20930	09707	82360		
Gorleston	497	22108	66018	96512	20970	10706	82360		
Aberporth	502	72509	84028	94210	784//	09805	81710	84815	87645
Filton	628	72306	78808	95310	784//	09810	83818	86626	
Rhoose	715	62508	75258	94810	694//	09714	85814	82918	
Hartland Point	703	52720	86258	95111	39430	09611	83918	85360	
Mount Batten	827	32614	75028	96611	38400	09709	82816		
St.Mawgan	817	72512	40818	96410	794//	09708	87910		
Scilly	804	32819	80018	97911	38400	08707	83818		
Culdrose	809	32713	70258	97311	38400	08707	82818		
Guernsey	894	72414	70258	98311	68332	10715	81709	83816	85645
Elmdon	534	71602	70028	94709	755//	09810	81620	87632	
Cardington	559	72009	66809	95510	785//	09810	83825	86650	
Wittering	462	72104	75028	95310	756//	09809	87640		
Watnall	354	71906	62028	94809	1563/	09708	81635	87359	
Shawbury	414	52205	80018	93809	55600	08810	82630	84645	
Finningley	360	81702	60211	94210	856//	08705	88640		
Spurn Point	396	81810	65806	94711	834//	09804	84915	88630	
Leeming	257	31907	80011	93708	35630	05605	83645		
Tynemouth	262	72010	81258	92809	3357/	07400	83925	87358	
Carlisle	222	82304	64636	93008	5522/	08803	81705	83709	88459
Valley	302	53502	80012	93510	16432	09706	81710	85075	
Ringway	334	71706	70022	93811	785//	08709	83820	87632	
Squires Gate	318	71103	82031	93907	68531	06706	81822	86635	
Ronaldsway	204	72702	82022	93410	3847/	09707	81712	83645	87358
Mull of Galloway	131	80000	78606	93409	2552/	09707	82625	88458	
Eskdalemuir	162	81602	50636	92807	854//	06302	86710	88620	
Prestwick	135	83406	58616	92210	853//	10606	81708	83620	88650
Abbotsinch	140	83002	70616	92110	7537/	09801	81708	86626	87650
Leuchars	171	80003	48616	91710	852//	09705	81705	85712	88622
Dyce	091	83006	56606	91609	853//	09706	81707	88625	
Lerwick	005	80000	03606	93210	870//	10705	88701		
Wick	075	72002	62102	91709	754//	08604	85614	87627	
Sule Skerry	010	83616	48515	91910	874//	10606	88710		
Cape Wrath	049	83622	16636	92708	873//	07705	88707		
Stornoway	026	83621	80616	95808	853//	07810	84707	84711	88620
Benbecula	022	83621	80208	97108	854//	07203	81710	85616	88620
Tiree	100	73623	81036	94709	754//	07603	83613	87633	
Aldergrove	917	70202	82028	93909	15642	07701	81640	85362	87075
Malin	980	70227	80808	94311	784//	09204	82714	86818	
Belmullet	976	83614	68808	95511	6347/	09602	84717	82920	84638
Birr	965	72206	66808	95108	785//	07808	85821	87634	
Dublin	969	52606	82028	94209	585//	07301	81824	85645	
Shannon	962	72911	82258	96210	785//	08803	83825	87650	
Roches Point	952	72812	80028	97009	15602	07005	81640	87074	
Valentia	953	63305	84258	99510	12502	06105	81823	86070	

OBSERVATIONS at 06h. 23 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	62208	82036	93809	59463	09606	81711	81920	84635
862	52309	80018	94111	49433	09607	81912	83635	
797	72111	75258	94011	68332	10616	81708	83810	85645
776	62309	62158	94211	39383	10806	81708	82915	85070
775	32106	75018	93610	39400	09709	82915		
772	32107	75028	93611	29433	09707	81712	81915	
586	72106	68606	92809	783//	09615	81707	85635	86650
590	72110	62251	93011	5833/	09716	81706	84650	86360
497	72008	66151	93212	3947/	10719	83910	87360	
502	72912	84018	94110	58432	08306	83815	84645	
628	72409	81028	93210	783//	09605	81708	87640	
715	72910	66028	93610	793/2	09302	81708	81915	86656
703	53108	82028	95310	39531	06306	83920	85360	
827	73111	57818	96009	793//	08311	81707	87918	
817	72818	80258	96011	79463	08307	81910	86814	
804	43015	80018	98511	32402	07211	83818		
809	42907	66258	97309	49403	07308	83916		
894	32519	80018	97111	39332	07503	81708	83916	
534	62307	64012	92110	683//	08608	81707	83635	
559	52206	66018	92811	48530	10608	82825	83645	
462	72205	80028	92410	752//	09609	82705	87640	
354	72105	35101	92209	4563/	09708	84645	86359	
414	72505	78252	91710	784//	09605	81812	83626	87650
360	72003	60036	91611	755//	08609	81626	87640	
396	81906	66038	91911	4646/	09710	84715	83825	88360
257	71702	70031	91508	785//	06608	81825	87645	
262	72010	69028	90909	4567/	07607	84630	87358	
222	81603	64636	90709	853//	08612	81709	86616	88627
302	73010	80034	92910	684/2	09302	81812	86650	
334	72105	65026	92010	7843/	08604	81710	86635	
318	80502	58636	91810	4842/	09607	82815	84640	88557
204	72908	66612	92110	4837/	09601	82708	83814	87358
131	73222	80606	91809	785//	09706	83820	84630	
162	80000	40636	90907	873//	06504	88706		
135	73312	70026	90709	78332	08706	81708	83630	87645
140	72906	84026	90510	78471	08605	81816	83628	87640
171	83102	56636	90209	851//	08705	81702	83710	88617
091	83208	70616	89909	853//	08606	81706	86614	88622
005	81108	20286	92210	870//	10504	88701		
075	80802	60052	90510	6542/	08803	82618	86630	88458
010	93206	04475	90910	9////	10603	89/00		
049	90510	02606	90909	9////	09603	89/00		
026	83524	60616	92908	853//	07710	85709	88615	
022	83426	66636	95207	6542/	07710	82710	86616	88460
100	83426	62616	94108	854//	06704	81710	86615	88630
917	73415	70026	93809	65472	06305	83712	85618	86459
980	73525	58808	95209	784//	07204	82715	87818	
976	83620	66808	98810	834//	07219	85716	84920	87638
965	83308	56108	96008	863//	07320	87709	86630	
969	62807	84031	93907	28402	06303	81818	86070	
962	73609	83022	96111	784//	09311	82710	84818	
952	72715	80258	96110	694/2	07604	83818	81918	84640
953	83316	75258	97811	834//	09508	86919	88645	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	02061	04	r_0rR	pr_0
862	03091	05	pr_0r_0RprpR	+
797	95100	08	pr_0	pr_0
776	02091	08	pr_0	pr_0prpR
775	01101	06	$prpr_0$	pr_0
772	02101	08	pr_0pRpr_0	pr_0-pr
586	03091	08	r_0	r_0rRir_0
590	96091	07	+	pr_0
497				
502	97091	08	pr_0	+
628	06091	07	pr_0prpR	pr_0pr
715	07091	08	pr_0pRpr	pr_0pr
703	02101	08		
827	07091	08	+	$pr_0prpRpHR$
817	08081	07	pr_0pr	phrpr
804	02101	08	pr	pr
809	03091	07	pr_0	pr_0
894	03082	08	$irpr_0$	pr_0prpr_0
534	95091	07	pr_0	pr_0pr
559	92081	05	pr_0	pr_0
462	93091	08	pr_0r_0	pr_0
354	97071	02	pr_0	+
414	93080	05	pr_0	pr_0pr
360	91091	05	ir_0	pr_0
396			ir_0pr_0	+
257	95061	03	+	r_0r_0
262	97081	06	pr_0	+
222	09081	08	rrr_0	rrr_0r_0
302	01061	00	if	ifpR
334	03091	08	r_0r	$d_0r_0d_0r_0rr_0$
318	04071	04	+	jfr_0 [illegible] r_0rR
204	95091	07	+	r_0r_0
131	02091			
162	08071	07	$rr_0r_0rr_0$	$r_0r_0rr_0r_0$
135	05091	09	rrr_0r_0	ir_0
140	04091	08	$r_0r_0rrr_0r_0$	+
171	09092	09	$rrRr_0r_0d_0r_0$	rr_0r_0
091	04081	08	$d_0r_0d_0r_0$-r_0	$d_0r_0rr_0d_0$
005	01091	09	irr_0r_0FF	$ifid_0$
075	93091	07	+	$ir_0id_0r_0$
010	94081	08		
049	05071	07	rr	ir_0id_0
026	04061	06	r_0r_0	$d_0r_0r_0r_0r$
022	04061	06	$r_0r_0pr_0$	$id_0r_0r_0rr$
100	01071	06	ir_0	r_0r_0
917	02071	04	pr_0pr	r_0d_0
980	9708	08		
976	0408	08		
965	0107	04		
969	9105	04		
962	9210	07		
952	0209	07		
953	0509	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99567	70201	23004	33524	96168	10409	39460	81215	82912	/////	0//06	11100	30805	31804
	99666	10036	23004	70613	98016	06708	50978	00706	84360	85270	0//07	10862	30301	99/02
	99470	70169	23004	43123	97038	15312	48500	00803	81820	84640	0//09	11439	30806	/////

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99569	70203	23064	73219	98018	10808	793//	81301	81709	83912	0//05	11073	30704	30803
	99661	10033	23064	70423	98031	02408	60931	51725	86359	/////	0//07	10846	30503	/////
	99471	70170	23064	73113	97258	13912	5857/	00711	81820	85633	0//08	11390	30000	31807

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. 42583

Date of Issue SATURDAY 24 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 23 June 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	62814	84028	94516	49502	07208	83825	81928	86075
Hurn	862	62516	80258	95515	69401	08008	81718	83920	
Manston	797	52113	80258	93712	29463	08501	81815	81925	83067
Gatwick	776	62716	58258	94611	694/3	08308	82815	84920	
Kew	775	62609	70258	93314	695/3	07204	81920	84825	
Heathrow	772	72513	70258	93414	795/3	07205	83924	83640	
Honington	586	72208	75299	92112	794//	09102	84913	83817	
Wattisham	590	72311	59809	92113	59403	10702	82815	84918	85070
Gorleston	497	72715	66022	91912	794//	08701	87915		
Aberporth	502	73210	82022	96011	68532	09212	83820	84650	
Filton	628	42815	83038	94614	49501	09005	81920	83828	
Rhoose	715	52614	84031	95114	49501	09208	84820	81920	
Hartland Point	703	73005	83162	96712	52461	10109	85810	86360	87075
Mount Batten	827	72617	60808	97611	694/3	08104	81710	84914	85640
St.Mawgan	817	62519	75258	97313	684//	09103	83816	85630	
Scilly	804	82825	58628	99112	4242/	09501	83710	83818	88456
Culdrose	809	52622	75808	98714	43433	10203	81912	84820	
Guernsey	894	22521	82028	99714	29403	09115	81818	81920	
Elmdon	534	72907	66808	92513	53462	08105	81915	84817	87072
Cardington	559	72513	70158	92314	59572	08302	83920	84830	85070
Wittering	462	72912	70032	91614	794//	08500	82918	83822	86650
Watnall	354	62712	70258	92312	59403	07303	82914	84820	85070
Shawbury	414	82910	70808	93312	6841/	10110	81712	83818	85630
Finningley	360	72710	65258	91213	785//	08501	84820	87650	
Spurn Point	396	72606	66132	90713	5357/	07705	85925	87360	
Leeming	257	71805	82806	90211	784//	09809	81712	84818	87640
Tynemouth	262	72004	80022	90112	4557/	07805	84625	87358	
Carlisle	222	82807	68806	90212	884//	10503	81711	84820	88645
Valley	302	73217	81028	94812	68542	06311	83820	86645	
Ringway	334	82712	57806	92311	6837/	10002	82708	84815	88460
Squires Gate	318	73116	70016	92112	784/1	07304	83815	86620	
Ronaldsway	204	73120	65806	93410	724//	06307	81711	83816	86820
Mull of Galloway	131	83425	80026	92709	885//	09204	83820	88625	
Eskdalemuir	162	83603	72606	90210	884//	07500	81714	85819	87640
Prestwick	135	83216	80022	91111	7847/	08301	81714	83634	87650
Abbotsinch	140	72907	82022	90313	785//	07802	82824	87645	
Leuchars	171	71105	75216	90311	782//	09400	81705	84822	87650
Dyce	091	80202	60606	89811	853//	09500	81706	83708	85710
Lerwick	005	71209	40102	93012	752//	10205	83704	86620	
Wick	075	70706	50056	90912	6523/	11400	82704	86630	
Sule Skerry	010	80502	09606	91011	870//	11602	84700	88701	
Cape Wrath	049	90512	02535	91308	9////	08203	89/00		
Stornoway	026	83519	59636	92908	853//	08301	82706	85712	88620
Benbecula	022	83424	66616	94608	6547/	07602	82710	86616	88459
Tiree	100	83322	61636	93909	5742/	08500	85714	88535	
Aldergrove	917	73320	61605	95209	7537/	06106	82709	84716	87622
Malin	980	83426	62808	96110	884//	06202	82715	85819	86638
Belmullet	976	73321	76258	01612	734//	07210	81716	85820	82920
Birr	965	73316	70806	98312	785//	07306	85820	86633	
Dublin	969	73113	86258	96311	684/2	05210	85818	86640	
Shannon	962	63417	86018	00014	48502	05115	84828	85070	
Roches Point	952	73117	80808	99212	734/2	09219	83818	81918	87637
Valentia	953	73518	75022	02213	735//	07216	85921	86636	

OBSERVATIONS at 18h. 23 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	72315	70158	96011	69563	08206	81822	86940	
862	72513	70038	96813	6853/	08206	84825	86640	87360
797	62410	80259	95713	28503	09311	81822	85066	
776	52516	65809	95812	49503	06104	82820	83925	
775	72006	56929	95611	795//	09316	84922	84830	
772	72110	57959	95411	795/3	09214	83924	83832	
586	72611	68809	93712	784/3	09306	83815	85645	
590	52414	75029	94113	39433	09208	82814	81920	83075
497	82712	66818	93413	5957/	09214	85920	88458	
502	73010	82152	97611	785/1	07206	81820	83630	87650
628	72704	60259	96213	7953/	10111	84925	83656	
715	53111	84018	96513	59401	05309	81818	81925	85645
703	73010	82028	98611	78501	08313	83820	87630	
827	63112	80158	98013	48432	08311	84815	83636	
817	73113	82028	99112	68432	09217	83814	85635	
804	63115	70808	01712	48472	08216	83818		
809	73216	58258	00012	59463	07217	83910	83070	
894	72523	70258	99211	78432	09709	85812	84630	
534	73010	64258	94711	684/1	07109	82713	83818	85640
559	82508	56808	94411	895//	10205	83920	83825	
462	52814	80018	93313	48532	08103	82822	83650	
354	62614	70018	93811	48431	06208	83818	83645	
414	63015	81018	94511	685//	06107	82823	83630	85645
360	72512	81018	91912	785//	07206	82826	83632	87645
396	82720	66258	91312	885//	08308	83825	88640	
257	72710	70258	90412	785//	08104	82820	87650	
262	52002	69028	90112	23538	10102	82925	85358	
222	83102	65808	90712	883//	10205	81709	85815	88630
302	83014	81158	95911	885//	08204	83820	83645	88656
334	72812	70258	93710	784//	07307	82715	85822	87645
318	73017	75258	93111	784//	08305	81712	85818	87635
204	73220	80808	94011	784//	06202	81716	83633	85650
131	73430	81016	93411	5853/	08206	82820	85625	
162	82806	70026	90611	884//	07302	81710	88630	
135	83219	80602	91810	854//	07308	81712	83615	85618
140	63013	82012	90513	594/2	05303	81918	83824	
171	71002	64602	90311	783//	09400	81706	83815	87645
091	61304	70026	90412	68330	09203	82708	84812	
005	41207	68031	94212	38440	10206	82815		
075	51208	81022	91511	28431	10206	81810	83360	
010	50204	70016	91411	48570	10301	81820	84630	
049	83602	32105	91710	863//	09203	88708		
026	83002	62806	91710	883//	08505	81707	83818	88620
022	83125	75806	93508	883//	06810	81708	85813	88620
100	63219	64216	94209	58372	08102	81707	83712	
917	83517	62258	95809	6843/	06104	82710	84713	86816
980	83229	75808	96910	6847/	07205	83817	86640	88458
976	63319	75258	02612	635//	06203	84920	83638	
965	73118	82038	00312	785//	05211	85821	84636	
969	73213	84258	97412	785//	05208	83824	86635	
962	53317	84028	02012	48502	05308	83826		
952	73213	82258	01312	634/2	07314	85817	81917	83638
953	63417	80158	05013	43502	07214	84922	85070	

OBSERVATIONS during DAY

iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	02161	077	pr₀prph	pr₀
862	02161	092	pr₀pr	prpr₀
797	03171	046	pr₀tl₀Rtl₀r₀	tl₀pr₀prr₀
776	06161	082	prpRpr₀TLHRr₀	TLpr₀
775	07161	055	pr₀prpHR	tl₀r₀prrRr₀
772	06171	048	pr₀pRpr₀	tlr₀pRtlr₀
586	06151	045	prpr₀tl₀R	pr₀tl₀r₀-r₀pr
590	01151	060	pr₀prtlr₀	pr₀tlr₀tlr-rr₀
497		046		
502	96131	046	+	pr₀
628	05161	057	prpRpr₀tl₀	tl₀r₀rr₀rpr₀
715	91150	103	jp	pr₀
703	07131	054		
827	05141	052	pr₀prpR	pr
817	03141	058	pr₀pR	pr₀pR
804	05142	096	RR	pr
809	01151	086	pr₀	pr₀
894	91141	101	pr₀	pr₀
534	02131	009	prpr₀	pr₀prpr₀
559	09161	049	pr₀	pr₀pr
462	01151	047	pr₀pr	pr₀
354	02131	015	pr₀pr	pr₀
414	05141	012	pr₀prpRr₀	pr₀
360	01151	015	pr₀r₀r₀prpR	+
396			pr₀	pr₀
257	03141	002	r₀r₀pr₀	pr₀pr
262	01121	006	+	pr
222	01141	000	rr₀r₀pr₀	pr₀pr
302	95131	036	pr₀	pr₀ir₀
334	03121	001	rRr₀pr₀	pr₀r₀
318	01121	002	r₀r₀r	pr₀
204	01111	025	pr₀	pr₀pr
131	01111			
162	91111	000	r₀r₀	ir₀
135	97131	003	+	ir₀
140	00151	024	jp	jp
171	91121	008	r₀r₀d₀r₀ir₀	r₀
091	96121	008	d₀d₀r₀r₀	r₀
005	00131	044	+	+
075	02131	050	ir₀rr	+
010	02121			
049	97101	000	ddff	ddid₀f
026	05101	000	rrir₀	r₀r₀d₀pr₀
022	02101	001	r₀r₀r	pr₀r₀r₀
100	03091	002	r₀r₀rr	rrRr₀pr₀
917	01101	001	d₀r₀pr₀	pr₀pr
980	0210	001		
976	0113	061		
965	0114	051		
969	9713	031		
962	0115	071		
952	9615	061		
953	0314	058		

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

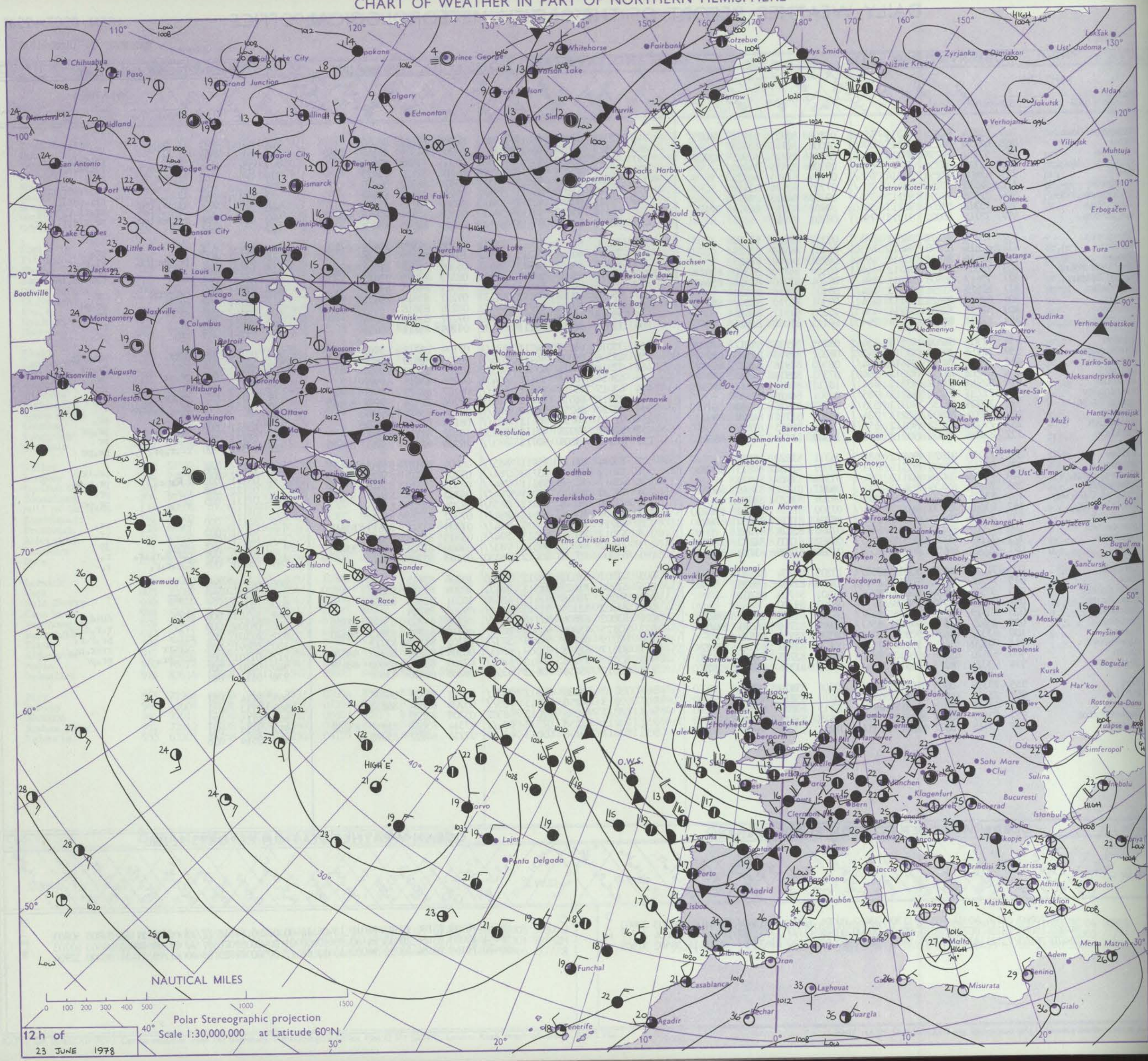
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99569	70203	23124	40314	98150	11709	33463	00304	81912	82815	0//03	11086	30703	30803
	99660	10034	23124	00714	96101	00609	00900	00509	/////	/////	0//09	10846	30604	/////
	99470	70169	23124	83311	97025	14410	885//	00400	81820	88633	0//10	11416	30502	31905

OCEAN WEATHER STATION REPORTS at 18h.

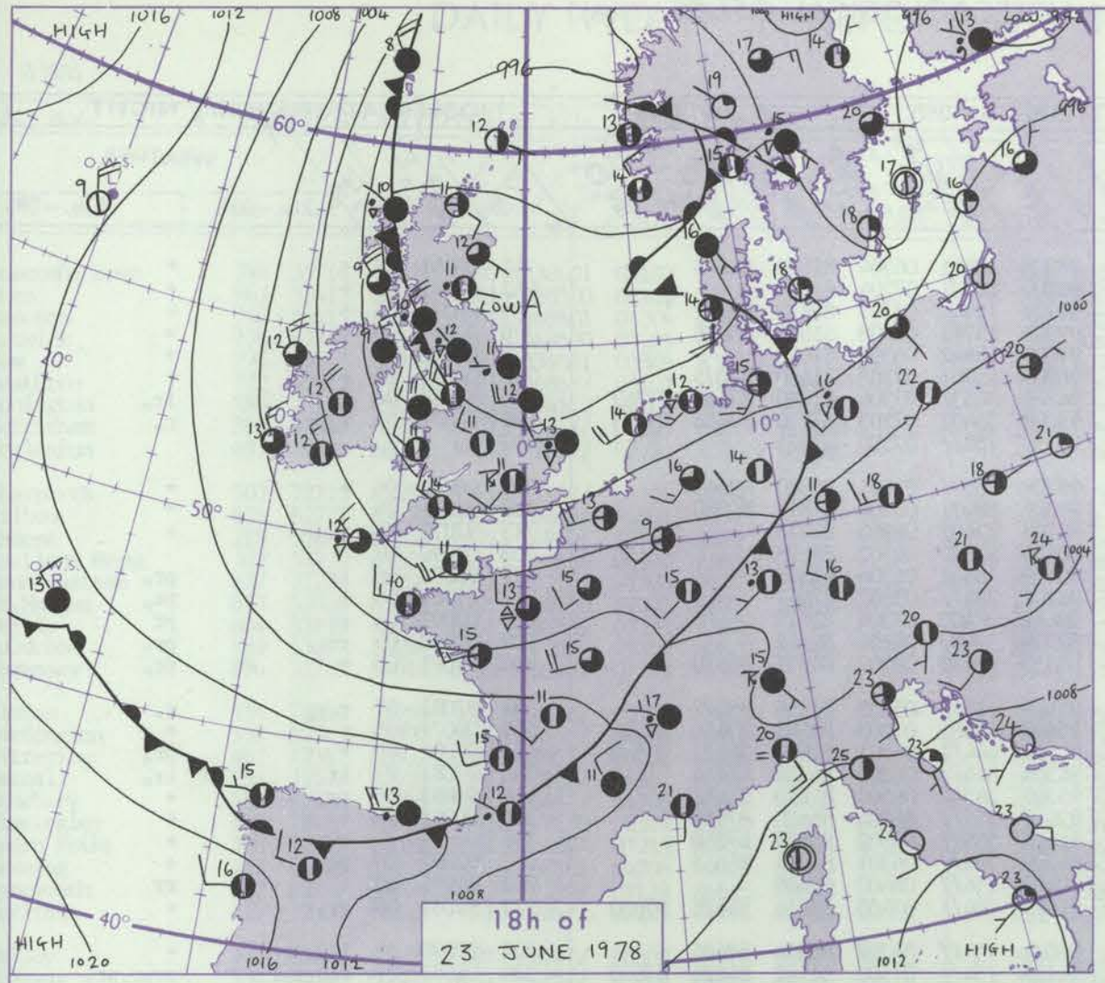
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99568	70202	23184	13522	98010	13409	11400	00205	81818	/////	0//05	11115	30808	30803
	99661	10033	23184	10915	96100	99610	00901	00400	81070	/////	0//09	10852	30503	03703
	99470	70169	23184	83212	98032	13412	885//	00500	81820	88640	0//09	11418	30000	32904

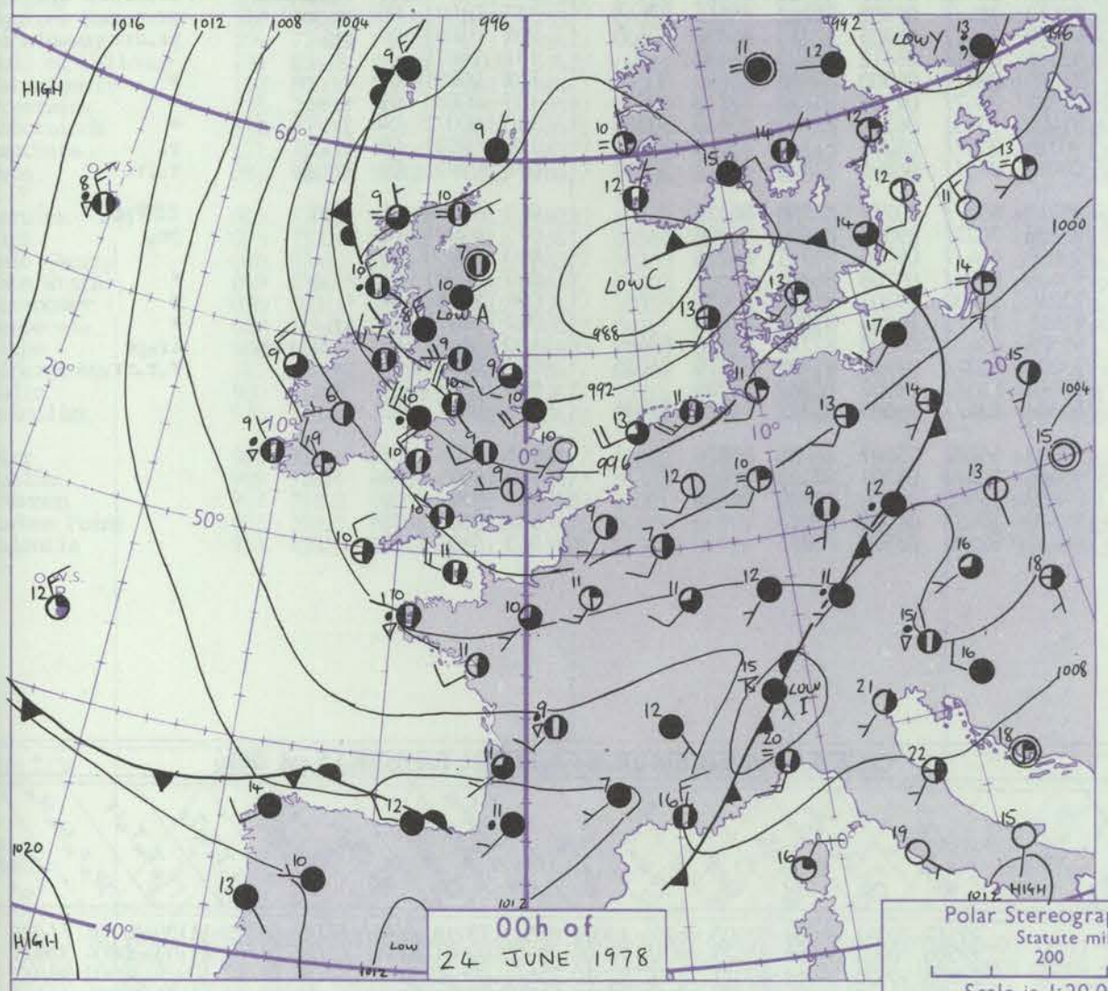
All times of observation printed in this publication are GREENWICH MEAN TIME.

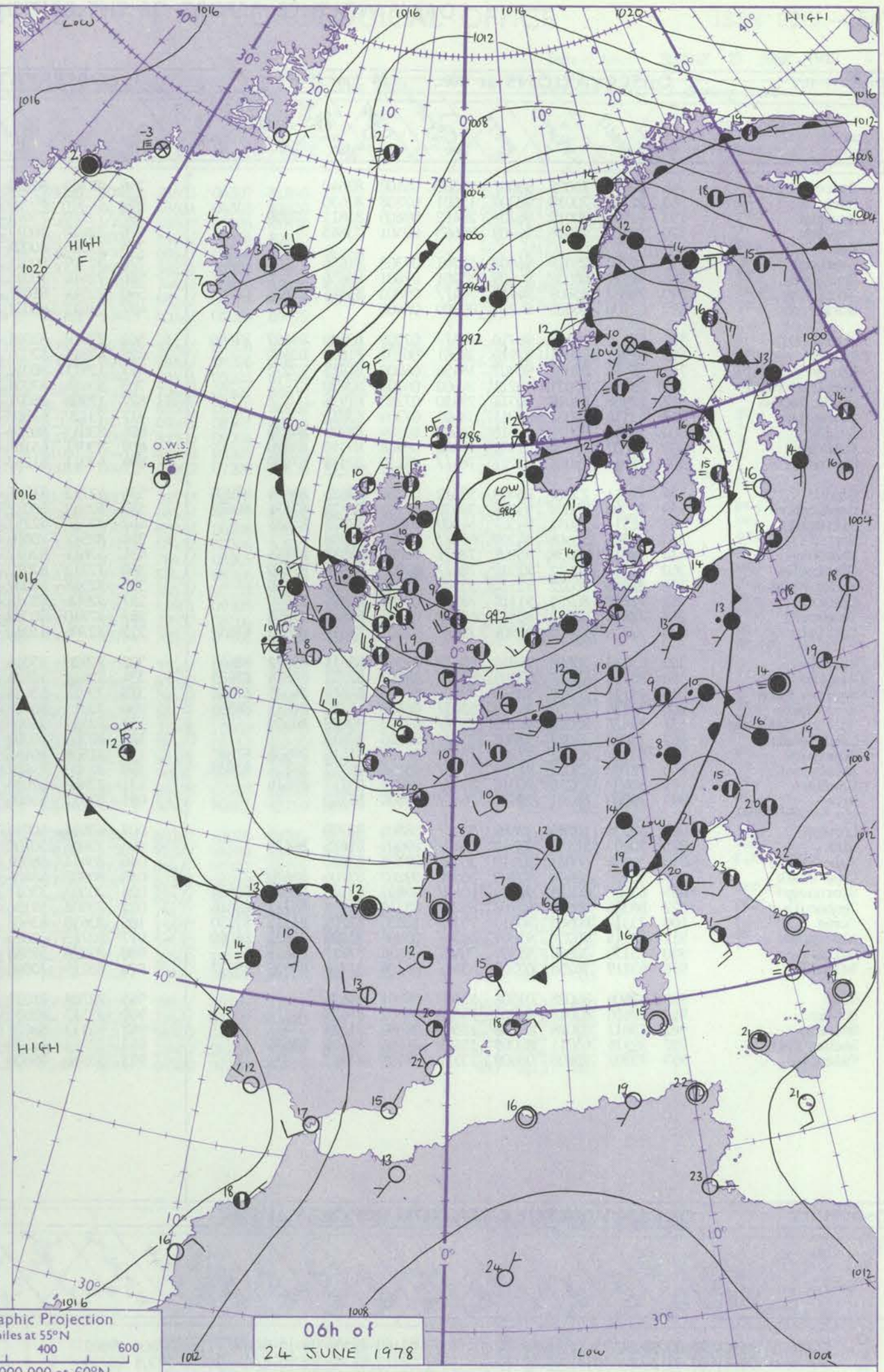
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WESTERN EUROPE







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **SATURDAY** 24 JUNE 1978

During the past 24 hours a depression over east Scotland and the North Sea has remained almost stationary. Troughs of low pressure moved southeastwards over England and Wales.

During the next 24 hours the depression is expected to move north to the Norwegian Sea with further troughs affecting the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. — 24 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	22606	75028	98007	25600	06108	82640		
Hurn	862	22709	70018	98309	15601	07208	81630		
Manston	797	42109	80018	96209	28472	09605	81815	83359	
Gatwick	776	52707	75018	96909	35663	08501	83645		
Kew									
Heathrow	772	12707	75019	96609	15701	07303	81656		
Honington	586	32512	68038	94609	35701	07801	83650		
Wattisham	590	72409	65809	94910	784//	09803	83815	87626	
Gorleston	497	02106	66028	94210	00900	08400			
Aberporth	502	73120	82038	98710	785//	07202	83820	84627	87650
Filton	628	42912	82011	97910	38601	06102	81830	83650	
Rhoose	715	73006	82038	98307	18436	06002	81815	87275	
Hartland Point	703	23512	87021	00211	24600	06106	82630		
Mount Batten	827	22908	82018	00511	29430	07203	81916		
St.Mawgan	817	43114	80038	01011	38401	07304	83818		
Scilly	804	53412	80028	03010	58400	07304	83818	84630	
Culdrose	809	63007	58258	02109	59460	06208	84910	83820	
Guernsey	894	72914	83031	01011	784//	08110	82814	87650	
Elmdon	534	72611	75028	95409	55512	06804	83625	83639	87070
Cardington	559	72508	65038	95308	38532	07101	81820	83645	86078
Wittering	462	52511	83031	94509	54500	07803	82625	85635	
Watnall	354	82509	70608	94209	863//	07705	88708		
Shawbury	414	72812	80038	95209	784//	06002	83818	87645	
Finningley	360	72511	80012	92310	784//	07804	82816	87650	
Spurn Point	396	82418	66022	91510	5557/	07806	85625	88360	
Leeming	257	72909	80252	91110	785//	07101	82826	87640	
Tynemouth	262	72810	66022	90510	4567/	09400	84630	87358	
Carlisle	222	72706	75028	91809	784//	07007	83817	85630	87650
Valley	302	83018	70608	96910	854//	07001	83615	85622	88645
Ringway	334	82913	65218	93809	853//	07802	82707	86616	88635
Squires Gate	318	73121	70258	93510	784//	07000	84818	84635	87650
Ronaldsway	204	72916	75258	94709	6243/	06803	81710	86815	86358
Mull of Galloway	131	73328	82022	94208	785//	07102	83820	84630	
Eskdalemuir	162	73003	75022	91808	756//	06205	87635		
Prestwick	135	83314	80026	92708	7547/	06104	81616	84630	87650
Abbotsinch	140	82708	75032	91709	854//	05104	81712	84624	87633
Leuchars	171	80402	66216	90810	854//	08000	83712	88616	
Dyce	091	70000	50281	90807	764//	07804	87710		
Lerwick	005	80206	10284	93809	860//	08806	88700		
Wick	075	70604	56101	92510	6543/	09003	81618	86635	
Sule Skerry	010	30208	66011	93110	38500	09108	83820		
Cape Wrath	049	50908	58404	92309	55300	09202	83706	85620	
Stornoway	026	63503	60108	92609	654//	09801	82710	83618	86635
Benbecula	022	80306	70608	92708	852//	08216	81705	84712	88618
Tiree	100	73314	60608	90610	753//	10630	83709	86712	87630
Aldergrove	917	72914	80258	95807	5834/	05806	81708	84622	86360
Malin	980	73130	70808	95209	784//	06816	87817	85645	
Belmullet	976	63219	76258	02209	634//	04706	81718	84920	85637
Birr	965	42606	80028	01506	45600	05801	84636		
Dublin	969	12610	82018	98307	15600	04802	81635		
Shannon	962	13011	82028	03008	18500	06000	81825		
Roches Point	952	32916	65011	03009	15602	06105	81640	83074	
Valentia	953	73307	75808	05409	735//	07801	87923		

OBSERVATIONS at 06h. — 24 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	42709	82021	98308	15601	06304	81630	84075	
Hurn	862	22507	80031	98809	18501	07204	81820		
Manston	797	72510	75021	96709	12448	07307	81815	87272	
Gatwick	776	52610	80011	97908	15742	07208	81650	85075	
Kew	775	22305	80021	97009	15642	06304	81640		
Heathrow	772	32509	80011	96909	15741	07203	81650	83075	
Honington	586	72414	70216	94709	3853/	07304	81820	83645	87362
Wattisham	590	72514	81016	95008	35402	07203	81710	83656	87075
Gorleston	497	71612	66031	93710	755//	07500	87625		
Aberporth	502	72918	82031	98708	6853/	05601	85820	83645	
Filton	628	42811	82031	98309	18401	06304	81815	84080	
Rhoose	715	12911	80011	98708	12402	06305	81818		
Hartland Point	703	53414	87031	00510	52500	04302	85825		
Mount Batten	827	12908	86021	00910	18441	06304	81818		
St.Mawgan	817	73120	62808	01209	734//	07302	87917		
Scilly	804	33015	80258	03611	38400	07304	82818		
Culdrose	809	33011	65168	02309	39400	06104	82912		
Guernsey	894	63011	81258	01310	59433	08302	84812	83920	
Elmdon	534	42713	81016	95509	11442	05302	81816	83072	
Cardington	559	62512	80012	95608	45682	07203	82645	83656	85075
Wittering	462	72714	82252	94409	644/1	06301	82818	84625	85640
Watnall	354	82512	70606	94508	854//	06305	86710	88614	
Shawbury	414	52611	82012	95309	38542	06500	81820	83645	
Finningley	360	72712	82022	92610	755//	06304	85620	87650	
Spurn Point	396	72518	68032	91410	5557/	07302	85625	87360	
Leeming	257	72906	82018	91109	784//	06301	81714	86645	
Tynemouth	262	72710	80022	90109	756//	08400	87630		
Carlisle	222	72706	81012	91609	784//	07400	83816	84628	87650
Valley	302	72920	75026	96009	754//	06707	85614	87635	
Ringway	334	72611	58626	94109	754//	07500	81712	84626	87640
Squires Gate	318	72918	65618	93410	784//	07502	82712	85815	87645
Ronaldsway	204	72815	80028	93509	784//	05709	81714	84820	87630
Mull of Galloway	131	82517	74028	92408	6551/	08712	86625	88458	
Eskdalemuir	162	82305	70022	91309	884//	06500	84818	88640	
Prestwick	135	71504	80152	91509	7647/	07504	81712	87713	87360
Abbotsinch	140	72302	84032	91409	7543/	06301	81710	85630	87656
Leuchars	171	72802	62026	90710	3547/	08301	81712	83618	87362
Dyce	091	82912	65606	90009	853//	08801	81706	83614	88640
Lerwick	005	63415	60014	90510	653//	10717	82708	86628	
Wick	075	73608	50102	92109	7623/	09501	82704	86708	
Sule Skerry	010	83411	66021	93009	664/7	09500	86715	88270	
Cape Wrath	049	80908	48404	93409	853//	09208	86706	88615	
Stornoway	026	30307	75011	93210	38430	09307	81816	83635	
Benbecula	022	73508	59106	92910	753//	10304	83707	87645	
Tiree	100	73610	83608	92309	4547/	08208	82712	83640	87460
Aldergrove	917	82713	62616	93008	6537/	07714	81708	86710	86625
Malin	980	83228	59588	93010	863//	09502	85707	88709	
Belmullet	976	83219	70808	00909	834//	06604	85717	84920	87637
Birr	965	72709	81031	99907	656/2	05607	86636	83070	
Dublin	969	72513	82031	96406	754//	04709	83713	87640	
Shannon	962	53113	86031	01609	18502	05604	81820	84075	
Roches Point	952	12715	67030	02508	18402	05501	81818		
Valentia	953	53516	75808	04410	52500	06504	85825		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Boscombe Down	746	00061	02	+	+
Hurn	862	00071	06	+	+
Manston	797	00071	05	+	+
Gatwick	776	97061	03	pr_o	+
Kew	775	00081	05	+	+
Heathrow	772	00071	05	+	+
Honington	586	97081	06	ir_o	ir_o
Wattisham	590	94071	05	r_opr_o	r_o
Gorleston	497				
Aberporth	502	00080	06	+	+
Filton	628	91081	05	+	+
Rhoose	715	97070	04	pr_o	+
Hartland Point	703	00090	07		
Mount Batten	827	93091	06	pr	pr_o
St.Mawgan	817	01081	05	+	pr_o
Scilly	804	03091	06	pr	pr
Culdrose	809	02070	05	pr_o	pr_o
Guernsey	894	97091	05	+	pr_o
Elmdon	534	97081	07	r_or_o	r_o
Cardington	559	00071	05	+	+
Wittering	462	97081	06	+	pr_o
Watnall	354	97081	07	ir_o	ir_o
Shawbury	414	91081	05	pr_o	+
Finningley	360	00091	09	+	+
Spurn Point	396			+	+
Leeming	257	92091	08	pr_o	+
Tynemouth	262	01091	08	+	rr
Carlisle	222	97081	08	pr_o	+
Valley	302	97090	07	ir_o	+
Ringway	334	01081	07	$r_od_or_or$	$rr_or_opr_o$
Squires Gate	318	01091	08	pr_opr	$pr_or_or_o$
Ronaldsway	204	01081	07	pr_o	pr_odrr
Mull of Galloway	131	94071			
Eskdalemuir	162	00081	05	+	+
Prestwick	135	00080	07	+	+
Abbotsinch	140	00071	04	jp	+
Leuchars	171	92091	09	ir_or_o	r_o
Dyce	091	01051	00	ifr_oR	r_oir_o
Lerwick	005	97081	07	ifff	$fffFpr_o$
Wick	075	97091	05	+	pr_o
Sule Skerry	010	00050	05		
Cape Wrath	049	00081	07	+	+
Stornoway	026	92081	07	+	+
Benbecula	022	92071	02	ir_o	+
Tiree	100	01081	07	$d_od_oir_opr_o$	ir_opr
Aldergrove	917	02071	06	pr_o	$r_or_orr_o$
Malin	980	0308	07		
Belmullet	976	0207	06		
Birr	965	9705	03		
Dublin	969	9305	04		
Shannon	962	9707	04		
Roches Point	952	9607	05		
Valentia	953	0408	05		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99568	70203	24004	73417	98808	14407	793//	00103	82708	84912	0//04	11108	30804	29802
	99661	10033	24004	50512	97021	97610	10941	00822	81362	84070	0//08	10841	30301	03703
	99470	70169	24004	23417	98011	14412	28500	00004	81820	/////	0//08	11404	30604	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99517	70351	24061	82405	96286	13011	855//	73715	/////	/////	00112	11139	3//01	///03
	99566	70202	24064	23523	99018	14009	29400	00601	81912	/////	0//03	11103	30804	32803
	99655	10036	24064	80311	97602	92510	2567/	00630	82635	87458	0//10	10979	30302	99/02
	99470	70168	24064	53317	98031	13912	58500	00301	82820	84640	0//08	11431	30704	/////

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

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

ISSN 0307–2541

No. 42584

Date of Issue SUNDAY 25 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 24 June 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	32714	84021	98914	38601	04103	83835		
Hurn	862	52412	84258	00014	58500	04102	84822		
Manston	797	52415	81021	98016	48601	04304	83835		
Gatwick	776	42714	88021	99013	48600	03206	83832		
Kew	775	42511	82020	98314	34601	03306	83830		
Heathrow	772	62512	82031	98314	686//	03107	83833	83640	
Honington	586	72514	83026	96514	745/2	04108	81826	87645	
Wattisham	590	72518	82016	97013	785//	07209	82824	86645	
Gorleston	497	72414	66022	96013	785//	07214	83820	87630	
Aberporth	502	72722	82252	98910	785//	06302	86820		
Filton	628	62717	82021	99013	68531	06001	83820	84645	
Rhoose	715	52718	82158	99213	48501	05101	84822		
Hartland Point	703	52922	85022	01113	52600	06202	85830		
Mount Batten	827	72710	84258	02013	52502	07303	85825	83075	
St.Mawgan	817	52816	82028	02212	59400	07305	81917	85820	
Scilly	804	33113	84018	04613	32502	07205	83820		
Culdrose	809	53017	70258	03213	42502	05302	82820	83825	
Guernsey	894	32718	84018	03213	39431	07209	81915		
Elmdon	534	72614	82258	96612	7453/	05306	83825	85635	
Cardington	559	62515	83022	96715	685//	06204	84828	86645	
Wittering	462	72517	80802	96111	785//	06308	85828	87645	
Watnall	354	72513	82028	95911	785//	06307	85820	86640	
Shawbury	414	62716	82258	96012	684//	08206	85818	85630	
Finningley	360	72417	80028	94412	785/8	06309	83822	84630	87650
Spurn Point	396	72517	62012	93912	5857/	07212	82825	83630	87360
Leeming	257	62815	89022	92315	68501	04206	82825	86650	
Tynemouth	262	82712	69026	92211	4557/	08114	84625	88358	
Carlisle	222	72606	82022	92413	784//	08205	81715	85823	87645
Valley	302	82720	65616	96010	854//	08302	83710	85615	88620
Ringway	334	72615	65806	95211	785//	06206	83820	87650	
Squires Gate	318	72716	62588	94111	753//	09203	82708	85712	87625
Ronaldsway	204	72913	65218	93711	784//	09305	82710	84814	87640
Mull of Galloway	131	83418	70616	93009	5742/	09311	85710	88458	
Eskdalemuir	162	80000	80606	92411	884//	07208	81710	88635	
Prestwick	135	72908	80022	92913	2857/	07213	81825	85360	
Abbotsinch	140	73106	86022	92314	785/1	06304	82828	86650	
Leuchars	171	73107	72022	91315	5857/	07303	82828	84640	87462
Dyce	091	83120	80026	90213	7841/	07304	81710	83814	86625
Lerwick	005	73319	68028	87913	68332	10507	81709	86640	
Wick	075	73316	65158	91811	784//	09302	81710	85814	87630
Sule Skerry	010	83412	58022	93111	863//	10302	88708		
Cape Wrath	049	83604	57032	94310	864//	09203	88710		
Stornoway	026	70311	81031	95412	724//	10310	81714	87821	
Benbecula	022	70114	80152	95212	784//	08215	81710	84815	86630
Tiree	100	23412	64018	94012	28400	11208	32818		
Aldergrove	917	73408	70156	94811	784//	08213	82712	85818	86630
Malin	980	73118	70038	95112	724//	10211	81712	87820	
Belmullet	976	73021	74808	01011	734//	08701	82717	84920	85638
Birr	965	73016	81256	99811	785//	05702	85820	85634	
Dublin	969	72916	86256	96313	785//	06303	85820	86640	
Shannon	962	73222	82258	01813	43502	04201	84822	81922	86075
Roches Point	952	73025	81258	02311	634/2	04101	86819	82919	86074
Valentia	953	43317	82018	04813	43501	07301	84925		

OBSERVATIONS at 18h. 24 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	32713	89020	00413	28603	06307	81840		
862	42711	81158	01215	48631	04303	83830		
797	22217	84011	99414	18602	05305	81830		
776	32414	86011	00014	34602	05306	82830		
775	62709	83021	99414	686//	04308	81840	86656	
772	62611	82038	99315	58631	04207	82840	84656	
586	72412	82258	97914	746//	06206	82830	86645	
590	62612	82252	98313	685//	09308	82828	85650	
497	62410	66022	97415	655//	05208	86625		
502	82516	70608	00310	854//	08206	81712	86630	88650
628	72609	80028	00411	785//	08206	84820	85645	
715	72818	75152	00412	63431	05206	81918	84820	
703	72820	74808	02011	72640	07101	85830	83360	
827	62819	84258	03113	68533	06210	84828	84640	
817	42718	82168	03112	49462	08301	82915	83818	
804	33018	82020	05613	32500	09204	83820		
809	42815	81031	04412	42660	03305	84830		
894	32717	84011	04412	29502	07208	81820	81922	83075
534	72515	83258	98012	7853/	06308	83820	87650	
559	62514	70808	98611	685//	07212	83820	84650	
462	62616	82028	97412	686//	06108	82830	85650	
354	72512	82018	97111	6843/	07304	82817	83635	85650
414	72513	82258	97612	784//	08205	84818	86640	
360	82414	82032	95712	884//	08206	85818	85630	88650
396	72418	62028	95113	3857/	07103	82820	83630	87360
257	50602	86252	93415	42601	09205	84835	84070	
262	82809	69022	93015	22537	08104	82825	88275	
222	72708	83022	93714	785//	09208	82827	86650	
302	73014	82606	97712	754//	09207	81618	84630	87645
334	82611	57608	96610	853//	09205	83707	85615	88640
318	72814	80016	95812	784//	08209	85813	87640	
204	52811	84021	96213	18431	08211	81818	85075	
131	53420	82026	95412	23501	10209	82920	85075	
162	72203	80028	93812	785//	08112	83820	87650	
135	63312	82158	94214	48531	07107	82825	84650	
140	72810	80802	93315	7863/	08207	84830	86656	
171	73210	80038	91916	28678	07303	82835	83462	87270
091	83015	62616	90811	3742/	10305	83710	88458	
005	83513	57052	88412	862//	10210	85705	88710	
075	83320	59606	92209	853//	09109	83708	87712	88635
010	83423	60022	92909	864//	09301	88710		
049	83210	60636	95009	873//	08202	88706		
026	83415	64808	96710	883//	08207	82709	83814	85618
022	73515	65602	97711	754//	09214	82712	84616	87642
100	53416	62031	96413	15652	11212	81640	85359	
917	63312	70032	96713	58532	07210	84822	83633	
980	23114	64101	97712	28500	10113	82820		
976	72918	78258	01211	734//	08501	84717	84820	81920
965	73015	83028	01311	785//	06310	83821	86638	
969	72812	84038	98213	785//	07208	83820	86635	
962	53120	82038	02812	38502	07303	83825	83075	
952	73022	80023	02912	23402	04205	82817	81917	86070
953	63214	82808	05811	63500	07302	86922		

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	96151	141	+	pr_o
862	97161	112	pr_o	pr_o
797	00170	130	+	+
776	97161	103	+	pr_o
775	00160	110	+	+
772	97171	099	pr_o	pr_o
586	97161	052	pr_o	pr_o
590	97151	079	+	pr_o
497		043		
502	91111	002	pr_o	ir_o
628	01151	085	pr_o	pr_o
715	95140	127	pr_o	pr_o
703	01131	101		
827	01151	119	$pr_oph_or_opR$	pr_o
817	97131	131	pr_o	+
804	00151	135	+	+
809	01140	128	pr_o	+
894	00141	129	+	+
534	92140	046	pr_o	pr_o
559	95161	095	pr_o	pr_o
462	97141	037	pr_o	pr_o
354	97130	003	pr_o	pr_o
414	97131	035	pr_o	pr_o
360	97141	006	pr_o	pr_o
396			+	pr_o
257	97171	048	+	pr_o
262	97151	000	+	pr_o
222	93161	044	+	pr_opr
302	02131	001	$r_or_orir_o$	ir_or
334	02111	005	pr_o	pr_orr_o
318	01131	006	$pr_oprd_or_orR$	ir_o
204	01131	035	r_or_o	+
131	02131			
162	96151	016	rr_opr_o	pr_o
135	97160	072	pr_o	jp
140	97181	040	+	pr_o
171	97171	003	pr_o	pr_o
091	93141	002	+	$r_od_ord_or_od_or_o$
005	01141	052	+	r_or_o
075	94131	009	pr_o	$r_or_oir_oid_or_o$
010	00110			
049	01111	013	+	irr_or_o
026	93131	053	pr_o	pr_or_o
022	97151	044	+	r_o
100	00141	075	+	jp
917	00151	031	+	+
980	0513	071		
976	0113	033		
965	0113	020		
969	9714	013		
962	9214	083		
952	9314	117		
953	0113	097		

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

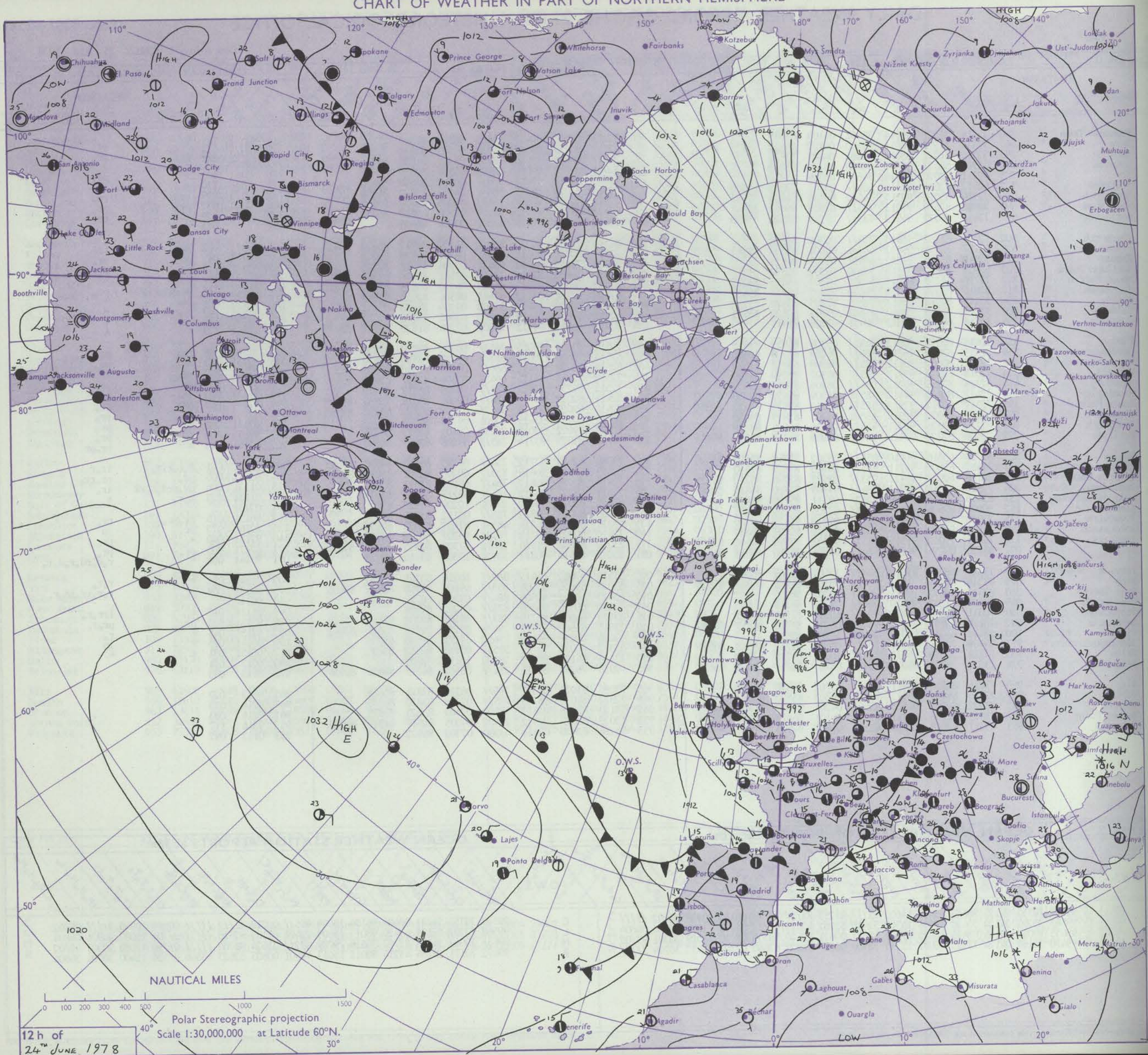
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24121	90607	93455	14609	9////	83213	/////	/////	00110	10938	30402	/////
L	99567	70202	24124	53430	98028	14509	52400	82102	85818	/////	0//04	11104	30906	04804
M	99655	10037	24124	83414	96636	87509	3562/	00821	82640	88556	0//10	11019	30301	99/02
R	99470	70169	24124	73215	98031	15213	78500	00207	81820	87640	0//07	11452	30704	/////

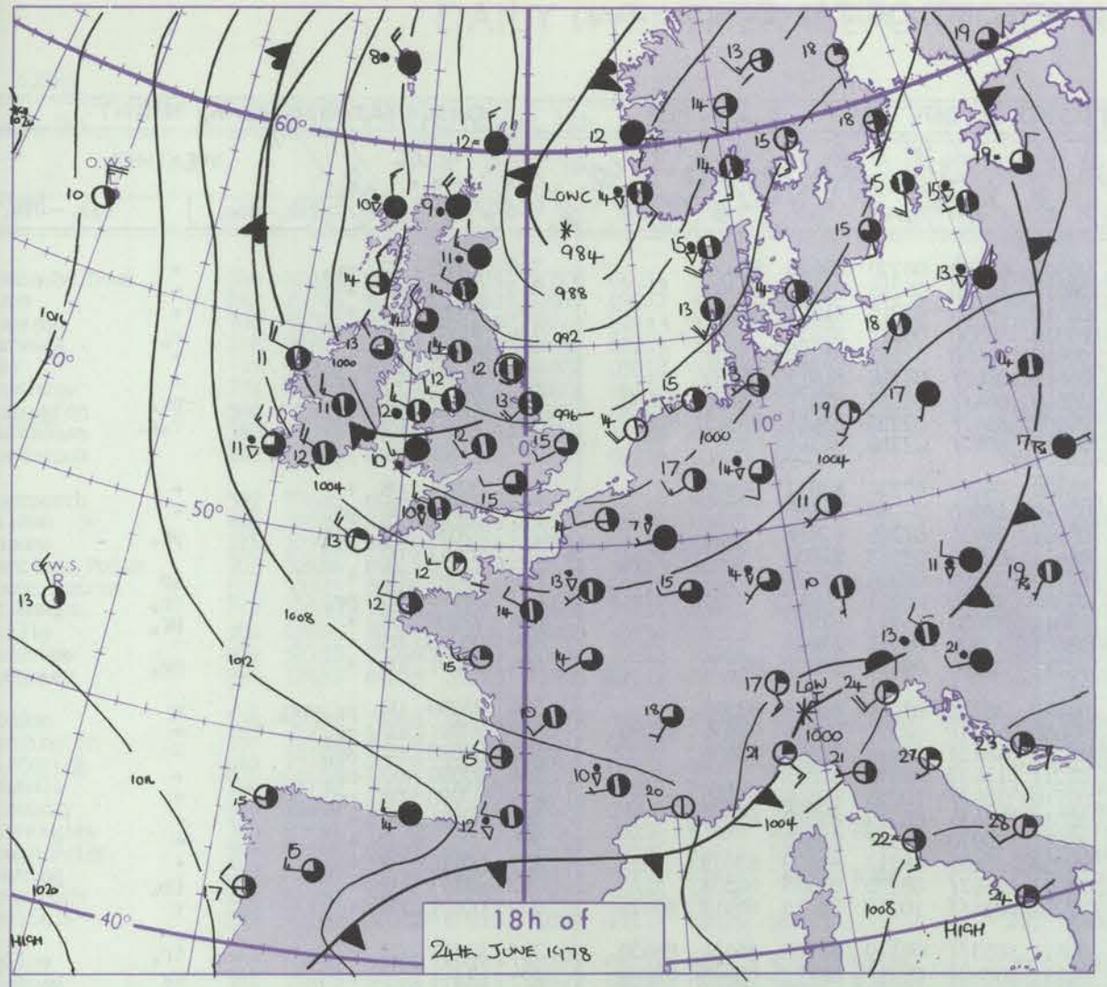
OCEAN WEATHER STATION REPORTS at 18h.

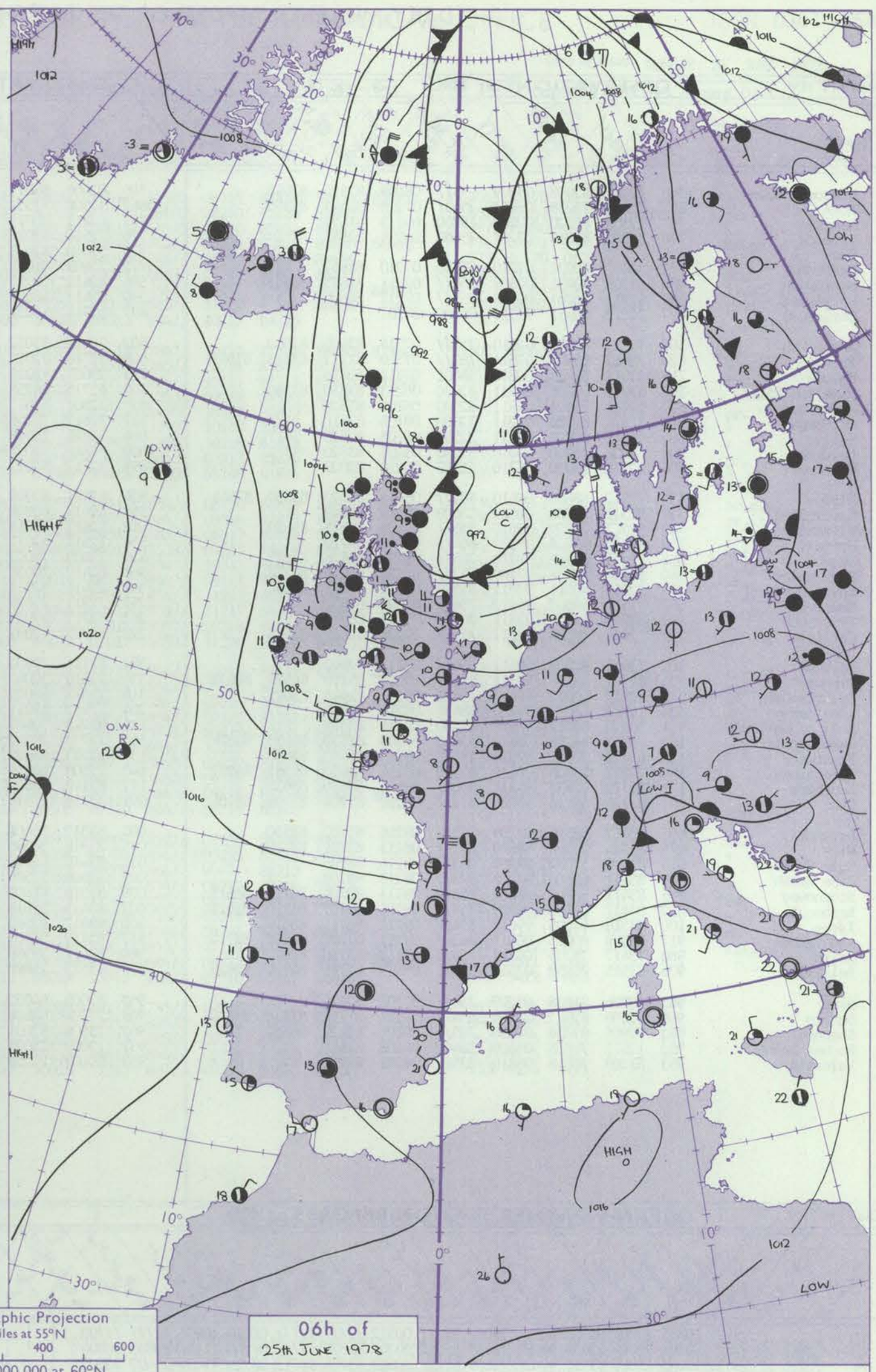
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	24181	80404	96104	18009	855//	00212	/////	/////	00009	10955	3////	05802
L	99568	70202	24184	43426	98011	15609	22401	81103	82818	/////	0//04	11097	30906	04804
M	99651	10043	24184	82707	96616	79709	872//	31624	88704	/////	0//10	11059	30301	99/02
R	99472	70171	24184	43214	98011	15013	48501	00803	82823	83640	0//06	11400	30704	36804

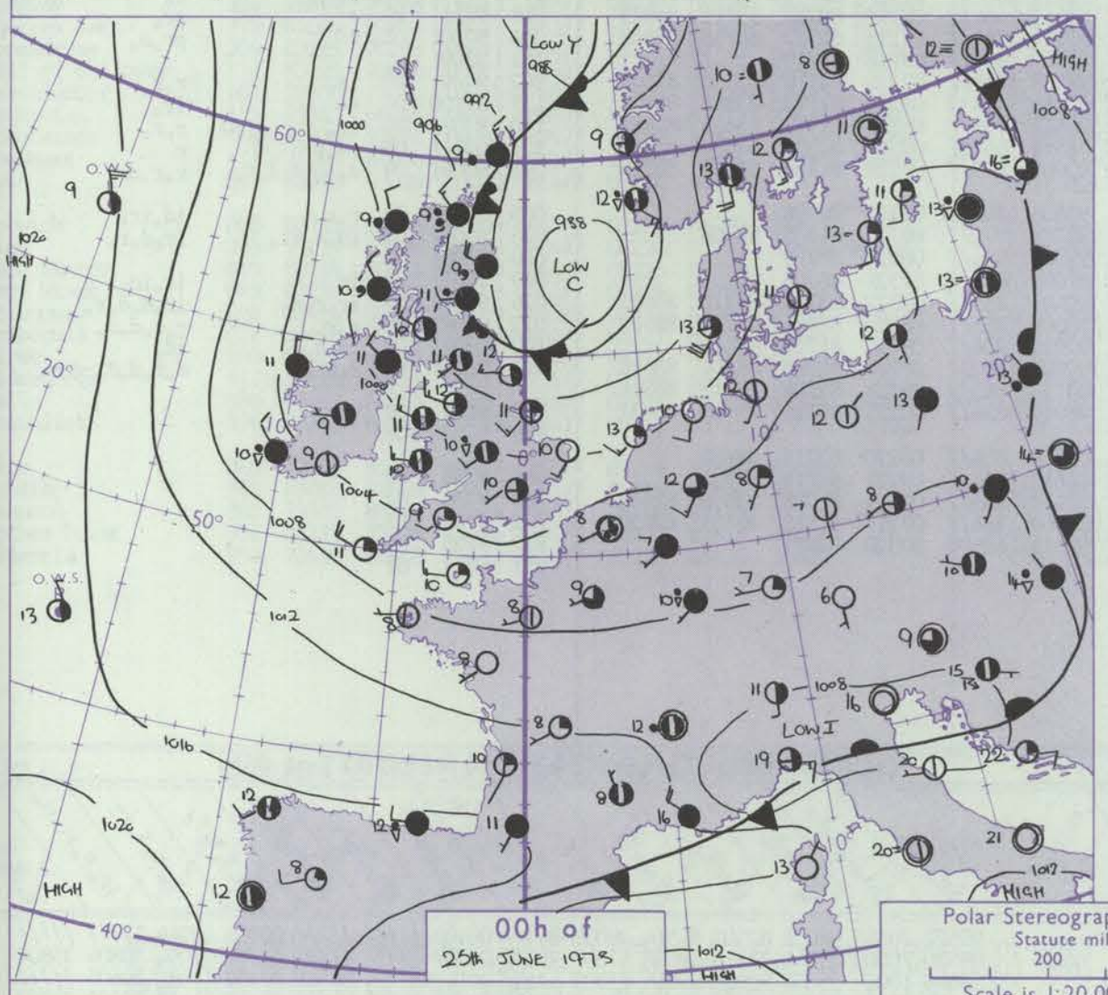
Times of observation printed in this publication are GREENWICH MEAN TIME.

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 25 JUNE 1978

A complex depression over Scandinavia and the northern North Sea has maintained an unstable northwest airstream over the British Isles. One associated low centre has moved to the west of Norway whilst another off southwest Norway has moved slowly south or southeast.

During the next 24 hours the low off west Norway will move northwest to the vicinity of Jan Mayen whilst the low over the northern North Sea will gradually fill up. The unstable northwest airstream will continue to predominate over the British Isles in which a cold frontal trough is expected to move steadily southeast into southern England by tomorrow morning.

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

Code FM 11.V — **OBSERVATIONS at 00h.** 25 June 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	72409	82028	03109	755//	08208	82625	87642	
Hurn	862	72609	75038	03811	2563/	07210	82645	86360	
Manston	797	12309	81020	02408	15700	06113	81650		
Gatwick	776	32308	84018	03207	35600	05214	83645		
Kew									
Heathrow	772	52407	80031	02010	55830	07210	85657		
Honington	586	62209	70031	00309	656//	07211	81635	86645	
Wattisham	590	62311	75031	00908	657//	07211	86650		
Gorleston	497	02212	66011	99510	00900	07207			
Aberporth	502	72716	83036	02810	755//	07214	83620	87640	
Filton	628	72813	80258	02811	784//	07210	81712	83820	87645
Rhoose	715	33011	80038	02810	38401	07311	82818		
Hartland Point	703	62915	79028	04211	32630	06213	83830	85360	
Mount Batten	827	12711	82021	04911	12500	08105	81820		
St.Mawgan	817	32814	82031	05211	32400	08106	83818		
Scilly	804	23019	80020	07411	22500	06208	82820		
Culdrose	809	32908	70020	06310	32500	05206	83820		
Guernsey	894	22713	82020	06710	22500	06210	82820		
Elmdon	534	72412	68808	00610	785//	08211	81820	83630	87645
Cardington	559	52311	64038	00509	55600	08210	85648		
Wittering	462	52513	75022	99610	556/1	07109	82635	85650	
Watnall	354	82410	75028	99310	864//	08308	88710		
Shawbury	414	72507	80028	99710	785//	08208	83826	86635	
Finningley	360	62208	70038	97509	1575/	07206	81656	86358	
Spurn Point	396	32315	66011	97011	15570	08216	81625	83360	
Leeming	257	72810	89032	96012	756//	08009	87647		
Tynemouth	262	82714	69028	95311	00907	09213	88275		
Carlisle	222	72405	70038	95711	785//	10208	82825	87649	
Valley	302	73017	80026	00511	756//	09113	87640		
Ringway	334	82507	45106	99111	854//	10212	85710	86622	88630
Squires Gate	318	52913	70012	98612	15601	09211	81645	85075	
Ronaldsway	204	12912	65021	99110	16431	08214	81710		
Mull of Galloway	131	33322	66011	98610	35500	09214	83625		
Eskdalemuir	162	72807	66016	96110	45602	07208	81630	84650	87074
Prestwick	135	43113	70021	97010	15772	08215	81650	83080	
Abbotsinch	140	72807	75028	96110	15778	07214	81650	84362	86272
Leuchars	171	82710	62638	94311	886//	09109	82830	88650	
Dyce	091	83120	56516	93009	872//	08210	81704	83706	88708
Lerwick	005	83417	58616	92209	5732/	09216	85707	88530	
Wick	075	83214	56586	94609	873//	08213	83707	88710	
Sule Skerry	010	83420	57022	95709	863//	08216	88708		
Cape Wrath	049	83211	66606	97708	873//	08213	88708		
Stornoway	026	83411	60606	99009	853//	09311	82706	86710	88615
Benbecula	022	83417	60506	99709	853//	08206	84707	85710	88615
Tiree	100	83316	64505	99610	854//	09214	86712	88618	
Aldergrove	917	83209	60026	00011	863//	09211	83707	85709	88714
Malin	980	73417	75205	00711	754//	09112	83710	87621	
Belmullet	976	83515	70258	03611	834//	09219	82716	84920	86638
Birr	965	72706	81038	03209	756//	07108	87636		
Dublin	969	62609	82012	01409	654//	07214	81715	83630	85650
Shannon	962	72906	82038	04010	785//	08105	82824	86650	
Roches Point	952	12511	75028	05109	18402	06208	81817		
Valentia	953	83208	70818	05810	835//	09701	88920		

OBSERVATIONS at 06h. 25 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	62406	84012	05909	65500	08220	83620	85650	
862	32508	83021	06510	18530	06218	81825	83360	
797	62411	80011	04510	68500	07215	81820	86640	
776	22514	82016	05310	28530	08317	81825		
775	52408	82021	04610	18430	07317	81710	85358	
772	52409	81018	04610	2847/	08218	81815	85359	
586	82412	70252	02610	884//	08218	81817	83630	88650
590	82413	58602	03109	854//	09218	83614	85625	88645
497	62314	66031	01611	6097/	07216	86360		
502	72412	83032	05109	784//	07214	84812	86620	
628	12710	82021	05610	18500	07218	81820		
715	23007	81018	05511	28431	07316	82818		
703	62715	86258	06411	62600	08213	86830		
827	32807	82011	07510	28500	08314	81825		
817	52812	70258	07310	58400	08211	84812		
804	32816	78028	09011	38402	05212	81818		
809	32810	81021	08411	32500	06213	83826		
894	32712	83021	08711	33500	06214	82820	81922	
534	62511	82018	03410	38431	07219	81815	83360	
559	62413	60058	03010	4853/	08217	81828	84656	85359
462	52611	75018	02210	4843/	08219	81818	83650	
354	12511	62011	02211	11432	09318	81812		
414	72603	75022	02710	784//	10220	82816	87645	
360	62410	70031	00512	31434	08219	83819	85075	
396	22416	62011	99611	20970	08317	82360		
257	72911	75022	99212	15601	08217	81640	87073	
262	82712	69022	98211	4567/	08220	84635	88358	
222	82705	70032	99211	854//	10219	81712	84618	86625
302	83111	70602	03611	853//	09119	81707	84634	88650
334	72810	50042	02111	68402	09217	81712	85628	87070
318	73013	68022	01612	684/2	09218	82710	85815	86075
204	72912	81011	02211	784//	07218	82712	85818	87630
131	83215	70606	01509	874//	09218	88710		
162	72703	70216	99409	754//	07221	82716	83630	87640
135	73213	68021	00010	45432	08219	81712	83645	86360
140	72808	68616	99411	7547/	09323	81713	83625	87642
171	83110	65622	98311	6552/	09226	81620	84630	85650
091	83116	70516	97609	873//	07228	81706	83708	88710
005	83312	56606	95808	863//	07322	88706		
075	83316	56586	98709	872//	08222	84705	88708	
010	83416	62022	99308	864//	08224	88710		
049	83608	57506	01008	873//	07321	88706		
026	83510	61606	02409	853//	08322	83708	86710	88622
022	83415	58616	03009	853//	08220	83706	84709	88616
100	83417	63505	02210	854//	09220	81710	88614	
917	83112	56508	02909	852//	08214	82705	86707	88618
980	83417	59586	04110	863//	09221	82709	83712	88716
976	83513	76808	08010	834//	06225	84716	85920	86637
965	83005	64032	06509	854//	08220	83718	88636	
969	72708	64606	04610	754//	09221	84714	87635	
962	73506	82031	07110	753//	09224	82708	83620	85650
952	73009	75031	06909	784//	07217	81818	83635	87650
953	60109	70256	08011	62500	10320	86822		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	91081	07	pr$_o$	+
862	00090	07	+	+
797	00060	04	+	+
776	97071	03	r$_o$	r$_o$
775	00090	06	+	+
772	97091	07	pr$_o$	+
586	97091	07	+	pr$_o$
590	91071	05	+	r$_o$r$_o$
497				
502	00091	08	+	+
628	97091	06	pr$_o$	+
715	97080	05	pr$_o$	pr$_o$
703	95111	07		
827	00091	07	+	jp
817	91091	05	pr$_o$	pr$_o$
804	97100	07	+	pr$_o$
809	00090	05	+	+
894	97091	06	+	pr$_o$
534	93090	09	pr$_o$prr$_o$	+
559	97091	07	pr$_o$	+
462	97090	07	pr$_o$	+
354	97090	07	pr$_o$	+
414	97090	06	pr$_o$	+
360	00091	06	+	+
396			+	+
257	00110	09	+	+
262	97111	09	+	ir$_o$
222	00101	08	+	+
302	91101	07	r	ir$_o$
334	91101	09	r$_o$	r$_o$
318	97111	10	+	pr$_o$
204	97101	08	+	pr$_o$d$_o$
131	93091			
162	94091	06	ir$_o$	r$_o$r$_o$r
135	97100	07	+	ir$_o$
140	97091	07	ir$_o$	r$_o$r$_o$
171	05111	09	pr$_o$r	r
091	97091	09	d$_o$r$_o$id$_o$d$_o$d$_o$	r$_o$r$_o$d$_o$
005	02082	08	r$_o$r$_o$	id$_o$ir$_o$
075	95081	08	id$_o$r$_o$ir$_o$	ir$_o$d$_o$r$_o$
010	97081	07		
049	91071	07	ir$_o$	ir$_o$id$_o$
026	96081	08	ir$_o$r$_o$r$_o$	ir$_o$d$_o$d$_o$r$_o$
022	97091	08	r$_o$r$_o$	r$_o$r$_o$d$_o$d$_o$
100	97091	09	id$_o$d$_o$d$_o$	id$_o$
917	91091	07	r$_o$pr$_o$	d$_o$r$_o$d$_o$d$_o$–d$_o$r$_o$
980	9109	09		
976	0709	08		
965	9708	05		
969	9708	07		
962	9708	03		
952	9708	05		
953	0709	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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	25001	93202	93514	19609	9////	00312	/////	/////	00010	10955	3////	///02
	99570	70203	25004	43424	98251	16509	48562	00207	84826	/////	0//03	11104	30805	30804
	99650	10045	25004	81920	97616	79609	6822/	00803	83705	86812	0//10	11039	30402	32803
	99471	70170	25004	43410	98031	16512	48500	00210	82823	83640	0//09	11415	30703	01804

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	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	25061	82502	94514	20009	863//	00400	/////	/////	00009	10944	3////	/////
	99570	70202	25064	73118	98038	17309	756//	00207	87634	/////	0//01	11094	30804	35804
	99646	10049	25064	82028	97616	85309	6722/	00142	86706	88545	0//09	11030	30605	/////
	99470	70170	25064	50310	98031	17112	58500	00206	81823	84640	0//08	11413	30000	33703

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. 42585

Date of Issue MONDAY 26 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 25 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	42614	84158	08714	48500	06214	82822		
Hurn	862	72716	62818	09611	734//	09217	84915	84825	
Manston	797	52314	83251	07617	58501	07113	81820	83830	
Gatwick	776	72709	75251	08712	64601	08215	83830	86650	
Kew	775	52310	83021	07815	54631	05213	83835	83645	
Heathrow	772	62509	83031	07816	58601	06113	82838	83650	
Honington	586	72413	75252	06014	6853/	08115	83820	85650	
Wattisham	590	72713	70256	06314	785//	10216	85822	85650	
Gorleston	497	62718	64032	05316	685//	07216	83820	86625	
Aberporth	502	72810	80032	09413	784//	10219	82816	87635	
Filton	628	52612	82031	08615	58500	08214	83825		
Rhoose	715	22713	86020	08814	23531	07113	81920		
Hartland Point	703	52814	86018	10313	42531	09113	84820		
Mount Batten	827	52515	80808	10214	59500	09213	81920	84825	
St.Mawgan	817	52513	75258	10715	58401	11215	83814	83635	
Scilly	804	42816	80251	11914	48400	10216	84818		
Culdrose	809	52513	70258	11213	58432	10113	84818		
Guernsey	894	12417	84018	12113	12500	07215	81820		
Elmdon	534	82613	75158	06914	845//	08218	83820	83630	88640
Cardington	559	72612	80258	06715	785//	08116	85828	87650	
Wittering	462	72713	70028	06015	6857/	09218	84825	83645	87357
Watnall	354	72712	70021	05814	62532	08217	86824		
Shawbury	414	72809	78028	06814	784//	09216	83818	87650	
Finningley	360	82911	75032	05113	885//	08224	83820	85626	88645
Spurn Point	396	82718	62021	04015	6241/	09221	86815	88460	
Leeming	257	82710	82216	03714	6857/	09221	81825	86630	88462
Tynemouth	262	83510	61616	03910	8062/	10229	88530		
Carlisle	222	72709	80022	03715	7553/	11117	82620	86625	
Valley	302	83114	80026	08113	884//	09221	84813	87640	88656
Ringway	334	72814	75026	06213	785//	08220	84820	83632	87650
Squires Gate	318	83014	63808	06411	883//	10221	82709	86812	88630
Ronaldsway	204	83215	70218	06611	854//	08221	82710	87713	88640
Mull of Galloway	131	83225	78028	05211	3642/	10213	83710	88525	
Eskdalemuir	162	72806	75022	03315	785//	10220	84820	87645	
Prestwick	135	73317	66216	04812	6847/	09122	81713	83635	85645
Abbotsinch	140	72910	75216	04014	6847/	11120	81818	83635	86656
Leuchars	171	71207	81036	02914	785//	10220	82824	85828	87645
Dyce	091	83116	65026	03010	864//	08124	88710		
Lerwick	005	83112	58206	00309	853//	07223	86707	88614	
Wick	075	73217	65806	03510	6847/	08224	81710	85814	86635
Sule Skerry	010	83214	70025	03509	864//	08225	88710		
Cape Wrath	049	83212	60025	05508	863//	06225	88708		
Stornoway	026	83414	62206	07109	853//	08222	82706	83610	88618
Benbecula	022	83418	70026	08010	854//	08221	84710	88616	
Tiree	100	83417	66205	07310	854//	09223	87615	88635	
Aldergrove	917	73213	80215	07612	754//	08230	82710	87614	
Malin	980	83417	64586	09110	863//	09226	85708	85712	88718
Belmullet	976	83313	67258	12111	7347/	09223	83715	83820	81920
Birr	965	73305	81258	10612	785//	09219	85820	85636	
Dublin	969	83011	82026	08413	885//	07218	85824	84640	
Shannon	962	73313	86158	11514	785//	08219	83822	86635	86650
Roches Point	952	73111	75258	11214	784//	08222	82818	87646	
Valentia	953	73416	80808	13612	785//	10226	86820	86635	

OBSERVATIONS at 18h. 25 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	62411	84031	11314	58502	08215	82828	84650	85075
Hurn	862	62512	84038	11914	58602	08210	81830	83640	
Manston	797	72414	84038	09815	685/1	09310	82828	85642	
Gatwick	776	72310	82252	10914	745//	08212	82825	83640	86650
Kew	775	72508	82022	10016	786//	06211	83840	87656	
Heathrow	772	72609	82022	10017	6863/	07211	81840	86657	
Honington	586	82614	75608	08914	7567/	08214	83640	86650	88360
Wattisham	590	82510	75258	09213	885//	11212	81825	88656	
Gorleston	497	82508	60616	08313	874//	10217	88715		
Aberporth	502	72810	70022	12412	7847/	10112	81818	86650	87360
Filton	628	72812	82028	11514	785//	10214	83825	87645	
Rhoose	715	72714	82031	11713	784//	10111	82712	84635	87650
Hartland Point	703	62810	86031	13213	12531	09112	81820	85360	
Mount Batten	827	62511	86018	12813	68501	10207	85822		
St.Mawgan	817	42910	86021	13313	32401	10110	83812		
Scilly	804	13112	84020	14915	12500	10216	81822		
Culdrose	809	33413	82018	13814	38531	07213	82826		
Guernsey	894	12517	83020	14413	18403	09108	81816		
Elmdon	534	83012	68258	10512	884//	08220	84818	88645	
Cardington	559	83007	65608	09814	884//	09316	81815	88630	
Wittering	462	83014	75608	09313	885//	08217	82828	88645	
Watnall	354	82609	60602	09911	853//	09215	85709	88613	
Shawbury	414	82706	81028	10412	854//	10313	84616	88618	
Finningley	360	82711	70016	08213	854//	09111	83617	85626	88650
Spurn Point	396	82816	58616	07812	854//	11215	84715	88625	
Leeming	257	81402	45046	07413	852//	11212	84705	88625	
Tynemouth	262	80000	69026	08011	8097/	09218	88358		
Carlisle	222	72808	68022	07017	58532	11216	82820	84625	87362
Valley	302	82911	82026	11713	844//	10215	81615	86622	88628
Ringway	334	82912	59218	10011	864//	09214	88711		
Squires Gate	318	83114	65028	09812	884//	09216	85816	85630	88656
Ronaldsway	204	83216	75022	10511	854//	07222	81712	88619	
Mull of Galloway	131	83324	81022	09911	3551/	03218	83625	88460	
Eskdalemuir	162	82911	70252	07414	885//	10215	84825	88650	
Prestwick	135	73118	72032	08713	58431	09220	81818	85632	
Abbotsinch	140	72913	70012	07514	18532	09318	81820	87070	
Leuchars	171	81409	81032	07113	5847/	09218	81710	84824	86360
Dyce	091	83114	70505	07110	864//	08219	88710		
Lerwick	005	83114	58506	05007	852//	07226	86705	88615	
Wick	075	83318	70058	07709	854//	05220	83715	88625	
Sule Skerry	010	83219	66022	08009	864//	06221	88710		
Cape Wrath	049	83212	69022	09508	854//	06219	82710	88615	
Stornoway	026	83413	82025	11309	855//	05219	83622	88630	
Benbecula	022	73315	80035	12210	755//	05216	87625		
Tiree	100	73319	68025	11810	784//	08221	82816	84628	85650
Aldergrove	917	83314	65216	11811	853//	07219	82708	86712	88618
Malin	980	63322	75018	13411	684//	06222	83715	83820	85640
Belmullet	976	73317	68018	15912	764//	07216	85718	86640	
Birr	965	73210	80028	14212	785//	09218	85820	86634	
Dublin	969	83111	84022	12213	885//	08217	84625	88638	
Shannon	962	83314	82028	15213	885//	09219	84820	88640	
Roches Point	952	83013	70258	14613	884//	09215	83816	88637	
Valentia	953	83412	70018	17312	885//	09313	84820	88635	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	97170	111	pr$_o$	+
Hurn	862	02161	067	pr$_o$prpR	pr$_o$
Manston	797	97180	090	pr$_o$	+
Gatwick	776	02171	077	pr$_o$pr	pr$_o$pr
Kew	775	00170	062	+	+
Heathrow	772	97181	054	+	pr$_o$
Honington	586	95161	023	pr$_o$	ir$_o$r$_o$
Wattisham	590	02161	035	pr$_o$pr	pr$_o$r$_o$
Gorleston	497		040		
Aberporth	502	00141	031	+	jp
Filton	628	97160	076	pr$_o$	+
Rhoose	715	97150	099	+	ir$_o$
Hartland Point	703	00130	084		
Mount Batten	827	01151	103	prpr$_o$	pr$_o$
St.Mawgan	817	92150	124	prpr$_o$	+
Scilly	804	94160	133	pr	+
Culdrose	809	92151	118	pr$_o$	pr$_o$
Guernsey	894	00141	147	+	+
Elmdon	534	97161	024	pr$_o$	pr$_o$r$_o$r$_o$
Cardington	559	97170	033	pr$_o$	pr$_o$ir$_o$r$_o$
Wittering	462	97161	021	pr$_o$r$_o$	pr$_o$r$_o$
Watnall	354	97150	043	+	r$_o$r$_o$
Shawbury	414	97140	000	pr$_o$r$_o$	r$_o$ir$_o$
Finningley	360	97150	010	ir$_o$	ir$_o$
Spurn Point	396			ir$_o$r$_o$r$_o$	r$_o$r$_o$ir$_o$id$_o$
Leeming	257	93141	001	ir$_o$	d$_o$–r$_o$
Tynemouth	262	02121	000	ir$_o$r$_o$r$_o$	+
Carlisle	222	00171	007	+	+
Valley	302	97141	012	ir$_o$r$_o$r$_o$	r$_o$r$_o$id$_o$
Ringway	334	92131	004	pr$_o$r$_o$	r$_o$r$_o$
Squires Gate	318	97121	000	pr$_o$	+
Ronaldsway	204	97120	000	id$_o$r$_o$	+
Mull of Galloway	131	00121			
Eskdalemuir	162	97161	005	+	pr$_o$
Prestwick	135	92141	036	d$_o$r$_o$r$_o$	+
Abbotsinch	140	97171	028	r$_o$r$_o$ir$_o$	+
Leuchars	171	00151	020	+	+
Dyce	091	97111	000	id$_o$	id$_o$d$_o$d$_o$
Lerwick	005	97091	000	ir$_o$id$_o$	id$_o$
Wick	075	91111	000	ir$_o$pr$_o$	+
Sule Skerry	010	00101			
Cape Wrath	049	00091	000	+	+
Stornoway	026	97101	001	id$_o$	id$_o$
Benbecula	022	97111	004	id$_o$	+
Tiree	100	97111	011	id$_o$	d$_o$
Aldergrove	917	97121	000	d$_o$–r$_o$	r$_o$r$_o$
Malin	980	0311	014		
Belmullet	976	9412	003		
Birr	965	9714	004		
Dublin	969	9714	013		
Shannon	962	9715	015		
Roches Point	952	9715	025		
Valentia	953	9214	015		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

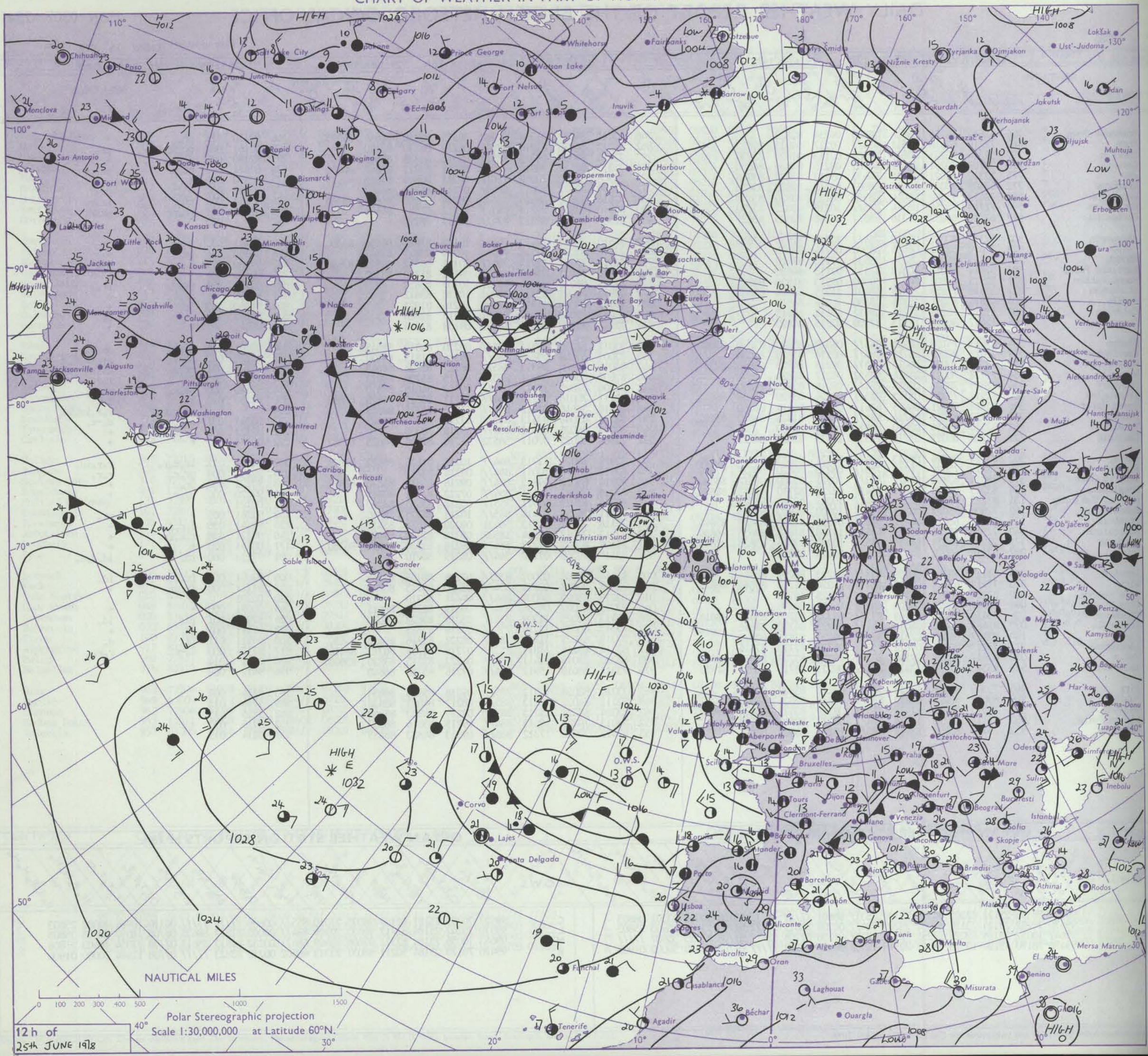
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25121	82205	94514	21109	863//	00601	/////	/////	05109	10961	30301	08803
L	99570	70202	25124	73114	98032	19209	784//	00209	82817	84622	0//03	11081	30803	35803
M	99647	10052	25124	82029	97256	92109	7927/	41230	82706	82912	0//08	11013	30807	/////
R	99470	70170	25124	10310	98011	20813	12502	00216	81823	/////	0//08	11410	30000	01905

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vs_app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	25181	82107	98025	21010	855//	00606	/////	/////	00110	10964	30302	25803
L	99570	70202	25184	82717	98032	20109	884//	00002	81817	88635	0//04	11097	30803	35803
M	99643	10056	25184	82321	97606	98409	6847/	00232	81812	85615	0//08	11054	30403	21806
R	99470	70170	25184	50211	98031	23313	48502	00210	83823	/////	0//08	11444	30000	01904

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE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HIGH E 1032
HIGH F 1024
LOW F 1016
HIGH 1016
HIGH 1016
Chihuahua
El Paso
Monclova
San Antonio
Fort Worth
Del Rio
Jackson
Montgomery
Tampa
Jacksonville
Augusta
Charleston
Norfolk
Washington
Pittsburgh
Toronto
Ottawa
Montreal
New York
Caribou
Anticosti
Yarmouth
Sable Island
Bermuda
Stephenville
Gander
Cape Race
Grand Junction
Salt Lake City
Spokane
Prince George
Calgary
Edmonton
Billings
Rapid City
Regina
Bismarck
Winnipeg
Omaha
Kansas City
Minneapolis
Little Rock
St. Louis
Chicago
Nashville
Memphis
Detroit
Milwaukee
Whitehorse
Watson Lake
Fort Nelson
Fort Smith
Fort Simpson
Fairbanks
Inuvik
Barrow
Coppermine
Island Falls
Sachs Harbour
Cambridge Bay
Mould Bay
Churchill
Baker Lake
Chesterfield
Resolute Bay
Eureka
Alert
Arctic Bay
Nottingham Island
Port Harrison
Thule
Clyde
Frobisher
Cape Dyer
Resolution
Egedesminde
Upernavik
Frederikshab
Narssarssuaq
Prins Christian Sund
Angmagssalik
Kap Tobin
Jan Mayen
Reykjavik
Thorshavn
Lerwick
Stornoway
Glasgow
Belmullet
Aberporth
Valentia
Scilly
Brest
Paris
Tours
Dijon
Clermont-Ferrand
Bordeaux
Santander
Porto
Lisboa
Sagres
Gibraltar
Alicante
Barcelona
Mahón
Alger
Oran
Tunis
Malta
Casablanca
Agadir
Laghouat
Béchar
Ouargla
Misurata
Benina
Mersa Matruh
Tenerife
Lajes
Ponta Delgada
Corvo
Funchal
Bodø
Tromsø
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Warszawa
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Bruxelles
Frankfurt
Klagenfurt
Venezia
Genova
Milano
Roma
Ancona
Brindisi
Beograd
Sofia
Skopje
Athinai
Rodos
Istanbul
Bucuresti
Odessa
Simferopol
Sevastopol
Inebolu
Tuapse
Rostov-na-Donu
Har'kov
Kursk
Kiev
Minsk
Smolensk
Kamyšin
Penza
Kazan'
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Saratov
Vologda
Gor'kij
Perm'
Ob"jačevo
Syktyvkar
Archangel'sk
Kargopol'
Onega
Petrozavodsk
Murmansk
Nikel'
Kandalaksa
Kemi
Oulu
Sodankylä
Ostersund
Östersund
Luleå
Umeå
Sundsvall
Gävle
Stockholm
Visby
Karlskrona
Göteborg
Malmö
Aalborg
Esbjerg
Skagen
Thorshavn
Lerwick
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Benina
Mersa Matruh
Tenerife
Lajes
Ponta Delgada
Corvo
Funchal
Bodø
Tromsø
Sodankylä
Ostersund
Oslo
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Helsinki
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Bremen
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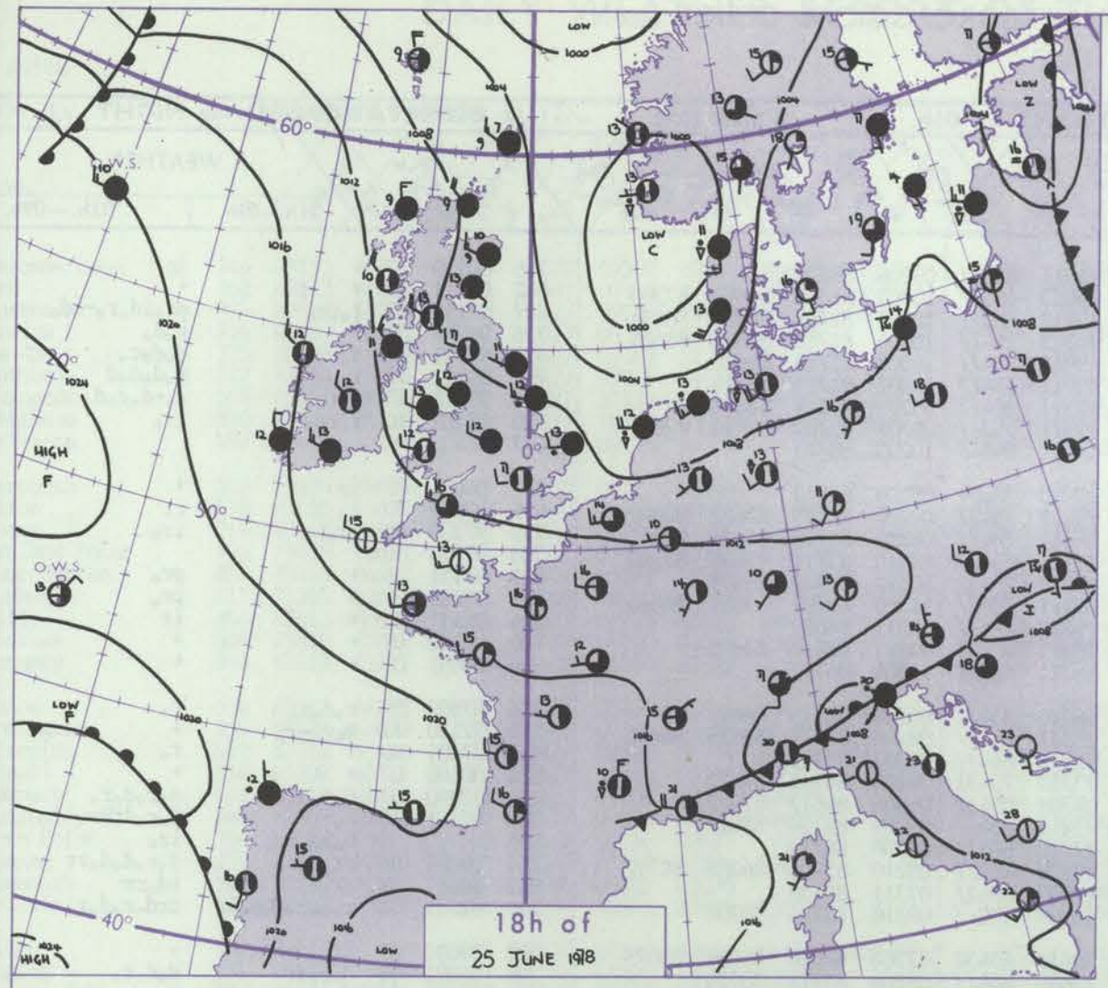
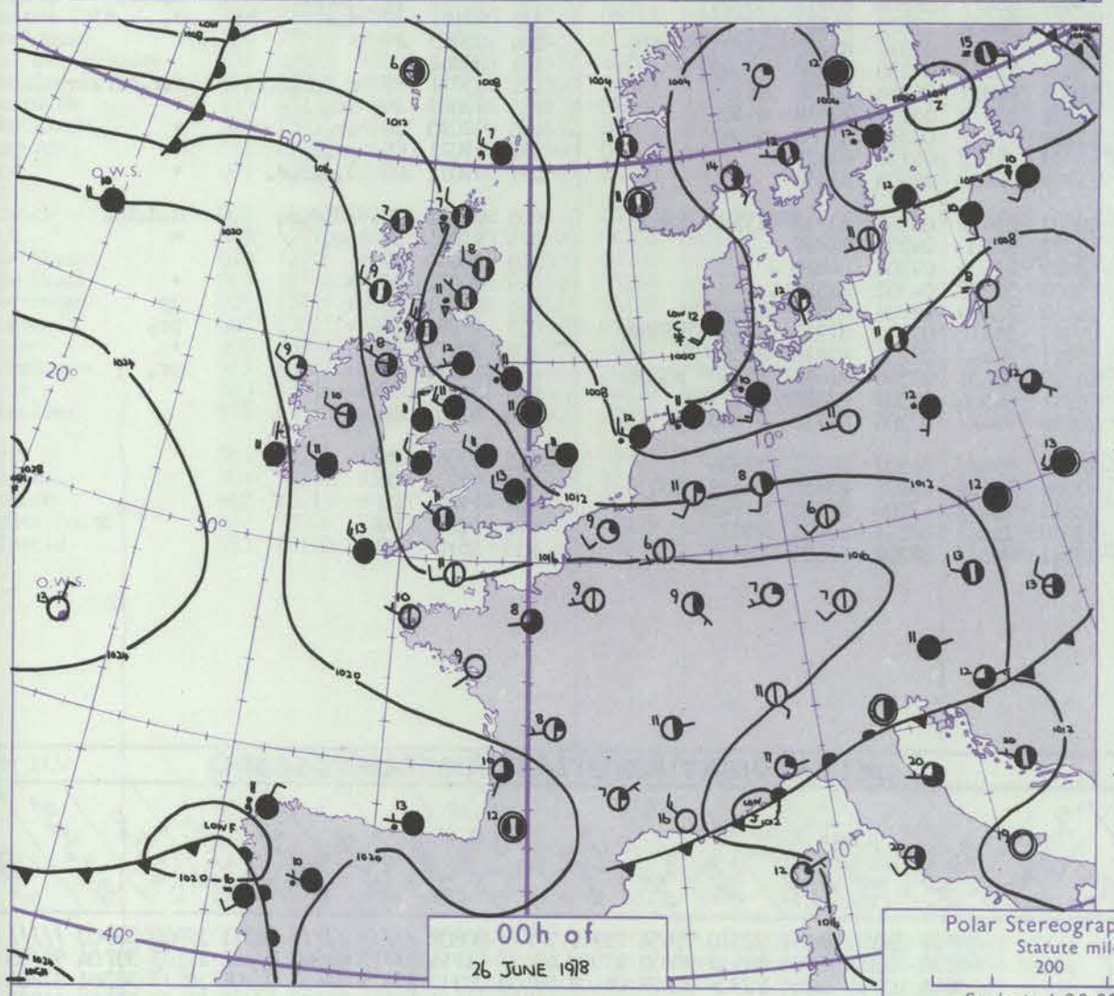
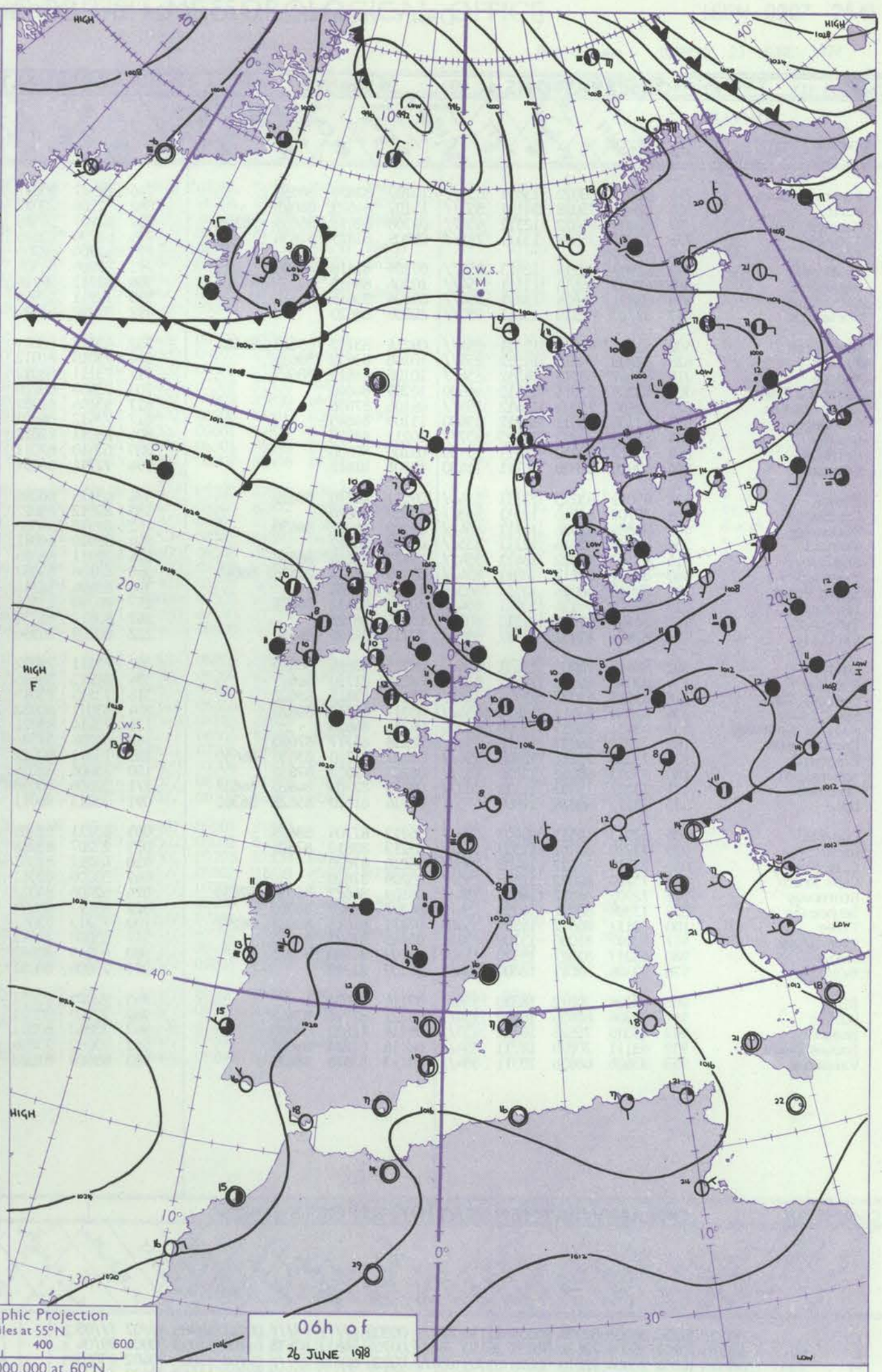
Praha
Bruxelles
Frankfurt
Klagenfurt
Venezia
Genova
Milano
Roma
Ancona
Brindisi
Beograd
Sofia
Skopje
Athinai
Rodos
Istanbul
Bucuresti
Odessa
Simferopol
Sevastopol
Inebolu
Tuapse
Rostov-na-Donu
Har'kov
Kursk
Kiev
Minsk
Smolensk
Kamyšin
Penza
Kazan'
Volgograd
Saratov
Vologda
Gor'kij
Perm'
Ob"jačevo
Syktyvkar
Archangel'sk
Kargopol'
Onega
Petrozavodsk
Murmansk
Nikel'
Kandalaksa
Kemi
Oulu
Ostrov Zelenyj
Ostrov Kotel'nyj
Ostrov Zohova
Mys Šmidta
Nižnie Kresty
Verhojansk
Oimjakon
Ust'-Judoma
Jakutsk
Ojmjakon
Tiksi
Ostrov Bol'šoj Ljahovskij
Mys Celjuskin
Russkaja Gavan'
Dikson Ostrov
Ostrov Uedmenija
Nord
Danmarkshavn
Barencburg
Bjornoya
Jan Mayen
Reykjavik

CHARTS OF WEATHER IN WESTERN EUROPE







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday MONDAY 26 JUNE 1978

During the past 24 hours a slow-moving depression over the North Sea maintained a north-westerly airstream over the British Isles.

During the next 24 hours the depression over the North Sea is expected to move away eastwards whilst frontal troughs move east over northwestern districts.

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

Code FM 11.V — OBSERVATIONS at 00h. 26 June 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	82807	70022	13811	855//	10107	82626	88650	
Hurn	862	82606	75028	14111	855//	10107	84625	88645	
Manston	797	82408	81022	12312	6547/	09108	82618	86635	88359
Gatwick	776	72507	75028	13411	785//	09209	81825	87650	
Kew									
Heathrow	772	82909	80218	12813	854//	09109	81618	88648	
Honington	586	82509	56616	11511	854//	10206	88615		
Wattisham	590	82811	56616	11811	854//	09108	88615		
Gorleston	497	82710	62216	10811	855//	10208	88620		
Aberporth	502	83312	66012	15311	854//	09214	83712	85618	88628
Filton	628	82903	74212	14312	855//	10108	83626	88635	
Rhoose	715	83107	65016	14312	854//	10108	81615	88645	
Hartland Point	703	43309	82011	15512	44600	10209	84640		
Mount Batten	827	72904	75031	15412	757//	09106	87656		
St.Mawgan	817	42806	75011	16212	45600	11109	84645		
Scilly	804	83213	80031	17513	857//	10211	88650		
Culdrose	809	33213	62050	16711	25730	09109	82650		
Guernsey	894	12610	82020	16111	11430	10106	81812		
Elmdon	534	83011	63215	13111	854//	09211	82710	88619	
Cardington	559	82709	62216	12411	855//	10309	88620		
Wittering	462	82809	62026	11711	854//	09108	86712	88630	
Watnall	354	82808	62016	12211	855//	08108	88629		
Shawbury	414	83107	75022	13411	854//	09113	82616	88618	
Finningley	360	82811	65212	10811	854//	09109	82614	85628	88645
Spurn Point	396	80000	50026	10511	863//	11209	88708		
Leeming	257	83405	40216	10611	854//	10115	85612	88621	
Tynemouth	262	80109	61616	11210	8052/	10216	88525		
Carlisle	222	82607	62032	10712	855//	10117	84624	88643	
Valley	302	83415	70026	15011	854//	08215	83614	88620	
Ringway	334	83010	62586	12911	854//	08213	81710	88615	
Squires Gate	318	83115	63022	12711	884//	09113	83815	88622	
Ronaldsway	204	62508	66012	13810	654//	05217	81713	86620	
Mull of Galloway	131	43421	80011	13708	45500	06216	84620		
Eskdalemuir	162	70203	68022	11110	754//	08218	85717	87640	
Prestwick	135	73213	70211	12909	754//	06221	81710	83630	86650
Abbotsinch	140	73013	80022	12010	755//	06223	82622	87634	
Leuchars	171	73207	75802	11111	7837/	09216	82709	84820	86632
Dyce	091	73112	80016	11008	6553/	04214	81620	85625	86360
Lerwick	005	83013	56515	08407	852//	06213	87704	88618	
Wick	075	73210	82802	11507	784//	03213	82819	87628	
Sule Skerry	010	73216	74022	11408	755//	05216	87620		
Cape Wrath	049	73210	80022	12508	755//	03209	87620		
Stornoway	026	72902	86022	14007	7541/	06109	84613	86630	87656
Benbecula	022	73308	80012	14509	15472	06107	81618	86070	
Tiree	100	73111	80012	14809	35406	07211	81616	83624	86272
Aldergrove	917	53107	81036	15708	25541	05115	81621	84075	
Malin	980	53217	82021	15910	11502	07109	81820	85075	
Belmullet	976	23108	80011	18809	28402	07109	81718		
Birr	965	53108	70012	18310	556//	07114	85634		
Dublin	969	72906	80026	16609	754//	06221	82718	87645	
Shannon	962	83310	75028	19211	855//	08214	82622	88630	
Roches Point	952	83111	70028	18711	854//	08116	81714	88630	
Valentia	953	83606	68038	20511	884//	09113	83818	88633	

OBSERVATIONS at 06h. 26 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	82907	80022	14611	855//	09206	88620		
862	72706	70022	15013	4857/	10305	81825	84640	87360
797	82907	56588	13112	883//	10205	82708	85812	88635
776	82706	62026	14312	854//	10306	81712	86618	88625
775	82904	62205	13911	854//	10307	81712	88625	
772	83206	58506	13911	874//	10307	81711	88714	
586	82711	57216	12311	854//	09205	87615	88640	
590	72911	57056	12511	753//	09305	82709	83614	87626
497	83010	48022	11211	864//	10203	88715		
502	43317	66011	17010	38401	08209	83812		
628	73010	81012	15412	754//	09209	83615	85622	87640
715	73111	68012	15811	784//	08210	81710	84626	87645
703	73409	80216	17511	5547/	09110	83712	85635	87360
827	53106	61052	16712	25432	10310	81712	85075	
817	73412	64801	17711	783//	11210	82707	83817	86640
804	83311	72022	19412	855//	10211	88625		
809	63410	67011	18312	48431	10211	81818	83635	
894	72711	66031	16711	6613/	11304	86702		
534	83115	68026	14210	854//	06206	86615	88618	
559	83012	65022	13311	854//	08206	81715	86625	88640
462	82910	59026	12811	864//	08307	88712		
354	82810	66012	13310	75431	08106	86711	87622	
414	72911	68026	14709	55432	06306	84617	87072	
360	83108	65032	12211	854//	09309	86710	88617	
396	83406	58216	11910	864//	09208	88710		
257	80310	25586	12509	862//	09210	83703	86706	88712
262	83617	61636	12909	8062/	07311	88530		
222	80209	26596	13308	872//	08318	83703	88705	
302	73111	75022	16610	45432	07206	81618	84628	85075
334	82912	58616	13809	854//	08206	83712	88620	
318	73115	75015	14011	58408	07309	84817	87272	
204	83011	80032	15610	58447	07317	81712	83823	88275
131	73414	81021	15409	2251/	07210	82820	87460	
162	80208	57586	14007	873//	06214	83708	88713	
135	73311	80022	14709	25472	05307	81618	84360	
140	73006	82026	14109	2567/	04312	81630	86360	
171	32806	86018	13710	18572	05212	81825		
091	33013	86011	12709	18432	04208	81818		
005	83111	62205	10507	854//	05208	83710	85712	88620
075	23207	83018	13207	28400	04208	81818		
010	43212	81031	12909	41500	07204	84820		
049	33208	82011	13609	28530	04202	81820		
026	62406	84022	14410	68430	08801	82818	84635	
022	83112	80038	15310	2547/	07304	81712	84360	88362
100	73213	83012	15711	3845/	09204	82816	87362	
917	63008	75011	16709	38431	07206	81615	83360	85080
980	63215	80032	16911	38506	08307	82820	85275	
976	73006	80031	20110	754//	07304	81718	87640	
965	72905	75031	19708	754//	06207	82714	87634	
969	72709	80021	17907	35732	05206	83650	84359	86070
962	73010	83021	20811	754//	08208	81718	87645	
952	73012	75026	21010	756/2	07311	87634	83073	
953	83508	81028	22411	885//	08209	81820	88635	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	00110	10	+	jp
862	00111	10	+	+
797	92111	10	r_opr_o	$pr_oid_or_o$-id_o
776	97101	08	+	r_od_o
775	91111	11	r_o	$d_od_or_o$
772	97111	11	r_o	$r_od_od_od$
586	95111	10	r_or_o	r_o-$d_or_od_o$
590	96101	10	r_ord_o	ir_o
497				
502	00091	09	jp	+
628	97110	10	r_o	r_o
715	97100	09	ir_o	ir_o
703	97110	10		
827	97111	06	+	pr_o
817	92101	07	+	pr_o
804	94111	10	+	ir
809	00090	07	+	+
894	00091	05	+	+
534	97100	09	$r_od_or_o$	r_o
559	97110	11	r_o-r_o	+
462	97101	09	+	r_o
354	00100	07	+	+
414	97090	07	$d_or_od_or_o$	$d_or_od_or_o$
360	02101	10	r_o	d_or_odrRr
396			$d_oid_oir_o$	ir_o
257	06081	08	$rr_od_or_o$	$d_or_od_od_orr$
262	04082	07	$rrid_o$	id_orr
222	02081	08	$r_od_or_o$dr	$drd_or_od_or_o$
302	97090	07	ir_o	+
334	91091	08	d_or_odr	$d_od_or_o$
318	97101	10	d_od_o	d_o
204	00090	07	+	+
131	00081			
162	93071	08	$r_od_or_od_or_o$	$d_or_od_or_o$
135	97080	06	ir_o	+
140	97080	06	ir_o	+
171	97071	05	pr_o	+
091	97071	05	$d_od_od_or_o$	+
005	92061	05	$id_od_od_o$	$d_od_oid_o$
075	97051	03	pr_o	+
010	00090	07		
049	00071	05	+	+
026	00051	03	+	jp
022	97091	06	+	pr_o
100	00071	05	+	+
917	97071	05	+	pr_o
980	0010	08		
976	9708	06		
965	9706	04		
969	9707	06		
962	9708	03		
952	9110	08		
953	9510	09		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26001	82208	94106	21110	864//	00308	/////	/////	00211	10986	3//02	///03
L	99570	70201	26004	72620	98038	20110	784//	00705	84817	87635	0//06	11090	30904	99/04
M	99643	10057	26004	82013	98028	03309	854//	00220	88614	/////	0//08	11003	30402	23803
R	99470	70170	26004	00109	98011	26413	00900	00216	/////	/////	0//09	11443	30103	/////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGIw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$0T_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	26061	92310	91454	19911	9////	00808	/////	/////	00311	10960	30503	/////
L	99570	70202	26064	82518	98032	17910	4542/	61714	81712	84640	0//08	11103	30704	99/03
M	99644	10048	26064	52908	99028	06108	58400	00317	83815	84625	0//06	10977	30301	31804
R	99470	70170	26064	30109	98030	27613	15502	00306	81620	83075	0//09	11431	30000	01003

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. 42586

Date of Issue TUESDAY 27 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 26 June 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	83112	80032	16315	58507	07207	82828	84650	88270
Hurn	862	83813	80012	16516	5851/	07105	81825	85628	88460
Manston	797	82811	58215	14513	884//	09206	81812	83614	88640
Gatwick	776	83209	60025	16111	854//	09311	82713	88616	
Kew	775	83007	65206	15713	854//	07109	81710	88625	
Heathrow	772	83010	68025	15813	884//	07209	81818	86628	88645
Honington	586	82811	24536	14210	872//	10110	83703	84705	88707
Wattisham	590	82913	35516	14310	852//	10210	83703	86705	88611
Gorleston	497	83614	40636	13911	862//	09214	88703		
Aberporth	502	73116	80021	19611	724/2	08111	87818		
Filton	628	83210	82026	17314	45537	07209	83625	88270	
Rhoose	715	73113	81026	17714	48532	05109	83828	85075	
Hartland Point	703	73418	69031	20011	2257/	07109	82825	87360	
Mount Batten	827	73416	84038	19515	21506	05211	82825	85075	
St.Mawgan	817	73315	82028	20613	48402	08212	84816	87070	
Scilly	804	83413	80026	22514	885//	09213	82822	88638	
Culdrose	809	73516	70022	21114	784//	06210	84818	85650	
Guernsey	894	63213	75021	19014	58402	11310	83812		
Elmdon	534	83117	68022	16013	3852/	05109	81820	83630	88459
Cardington	559	83110	68022	15212	855//	07110	81625	86630	88645
Wittering	462	83212	65606	15011	854//	08211	82714	84618	88630
Watnall	354	83109	60616	16011	854//	08316	81710	88614	
Shawbury	414	73117	81012	16513	3852/	07108	82822	87463	
Finningley	360	83607	82606	15610	854//	08218	84712	88620	
Spurn Point	396	83411	65012	14510	854//	08016	88615		
Leeming	257	73307	72016	15812	785//	07112	83826	87640	
Tynemouth	262	20220	81026	15511	25600	05209	82630		
Carlisle	222	62903	75016	15814	6853/	10106	83823	85640	
Valley	302	73117	80022	18613	5843/	07107	83818	84640	86362
Ringway	334	43113	75016	15913	48531	05208	81820	83625	
Squires Gate	318	73114	75032	16613	685/1	08213	83822	86645	
Ronaldsway	204	73212	70012	17712	5843/	07209	81713	83816	87359
Mull of Galloway	131	73325	81022	17213	5853/	10209	84820	87360	
Eskdalemuir	162	53007	82026	15113	52500	04203	85825		
Prestwick	135	43119	82021	16614	28632	06307	82830		
Abbotsinch	140	23014	84021	15316	21632	09203	82830		
Leuchars	171	42802	84030	14614	41600	05400	84840		
Dyce	091	43216	89021	14014	45600	03203	84630		
Lerwick	005	83012	82205	12408	854//	04107	83618	88640	
Wick	075	43315	82011	14213	42400	06204	84818		
Sule Skerry	010	12709	81010	14513	11500	09206	81820		
Cape Wrath	049	32714	82011	15211	38500	07207	82820		
Stornoway	026	73112	82032	16212	784//	06107	84818	86636	
Benbecula	022	53011	82252	17412	58532	09109	84824		
Tiree	100	53014	83012	17813	48530	10209	81820	84645	
Aldergrove	917	83211	80038	18712	6857/	06308	83825	85635	88460
Malin	980	63114	82258	19312	685//	08210	84820	85645	
Belmullet	976	43013	81018	22013	38502	09207	81820		
Birr	965	73213	83022	21014	785//	05301	83822	87637	
Dublin	969	73111	82028	19314	785//	05107	85826	86640	
Shannon	962	73115	84022	22514	785//	07305	82822	87648	
Roches Point	952	73016	72022	22213	784/1	05205	82818	87640	
Valentia	953	83110	83022	24213	885//	08208	82822	83637	

OBSERVATIONS at 18h. 26 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	73308	82012	17513	785//	07205	81828	84634	86656
862	73312	80032	17515	3867/	06304	81835	83645	86359
797	83112	28632	15611	852//	10202	82705	86707	88620
776	73308	70016	16513	755//	06203	81628	87650	
775	83103	60216	16414	5562/	06103	82630	84650	88460
772	73109	68216	16315	4867/	06101	81830	84650	86360
586	83410	60616	16609	854//	07212	81710	88645	
590	83513	62616	16209	854//	08310	81710	85622	88635
497	33215	66016	15511	31500	05208	83820		
502	73110	82012	20212	3843/	08500	81818	86360	
628	53605	82012	18014	58500	06103	83825	84640	
715	53113	80012	18514	28632	05302	81835	83359	
703	63310	82012	21012	4863/	07302	81830	84640	86360
827	73216	84022	20614	7863/	07303	85830	84645	
817	63115	82012	21313	38432	08400	81816	83645	85070
804	73213	80022	23013	3853/	09601	82822	87360	
809	63315	75012	22014	41402	06301	84815	84068	
894	73017	81022	19513	2575/	08302	82656	87362	
534	73214	68036	17114	786//	05205	82830	87645	
559	80406	65036	16911	884//	09308	82812	83820	88640
462	83305	62506	17010	853//	09206	81706	88625	
354	43405	60016	17412	12530	08105	81820	84359	
414	63415	80032	17812	64500	06305	82825	85645	
360	22606	68016	16214	22500	08502	82828		
396	33515	70031	16012	15501	05205	81625	83070	
257	20505	80011	15414	28600	07503	81830		
262	11104	80020	16111	10930	07400	81359		
222	72908	84032	15316	786//	08400	81832	87650	
302	63310	81012	19613	2843/	08203	81818	85362	
334	63013	80021	17213	68500	06204	81820	83625	
318	23116	80021	17513	18531	09202	81825		
204	53313	80031	18712	38541	06303	82822	83359	
131	33527	83011	18412	28540	08105	81820		
162	62816	84022	15413	646//	06305	83830	85638	
135	33120	84021	17313	28631	07206	81835		
140	43015	84011	15914	38630	07306	81835	83640	
171	73014	84031	14716	785//	06303	81825	83638	87650
091	73411	89021	14713	785//	06309	82825	86635	
005	22713	84031	12410	28431	04501	81813		
075	23316	82011	15012	18502	05002	81825		
010	52912	81011	14711	48501	09703	81820	84625	
049	72717	82031	15110	5857/	06602	82820	85625	87360
026	72711	86022	16612	785//	07201	83822	87640	
022	72711	74801	17810	784//	09400	81710	83816	87645
100	72911	89141	18511	785//	07202	81822	87637	
917	73310	82808	19812	784//	07207	83818	84822	87635
980	72714	65258	19911	735//	08400	85920	83640	
976	72814	82801	22512	635/2	07801	83920	85640	
965	73305	83022	22113	785//	07306	85821	86635	
969	73113	84022	20013	785//	06301	83827	87645	
962	23216	86011	23014	18532	07303	81827		
952	73013	84022	22713	784//	06500	83818	87645	
953	33210	84011	25013	38402	09204	82819		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	00150	006	jp	+
862	00170	003	+	+
797	06131	000	ir_o	$r_orRd_or_o$
776	97130	000	d_o–r_o	r_o
775	97140	000	d_oid_o	r_o
772	97151	001	d_o	d_o–r_o
586	01121	000	d_od_od–drd_or_o	r_or_o
590	01111	000	$r_ord_or_od_od_o$	r_or_or
497		029		
502	00141	032	+	+
628	00150	029	+	+
715	00160	043	+	+
703	00130	080		
827	00151	086	+	+
817	00151	064	+	+
804	00150	012	+	+
809	00140	037	+	+
894	00150	072	+	+
534	97150	039	r_o	+
559	93130	003	r	ir_o
462	01111	003	$r_ord_or_o$	$d_or_od_o$
354	97130	007	r_or_o	+
414	00140	053	+	+
360	03141	030	$r_or_orRd_or_o$	+
396			$ir_or_or_o$	+
257	00151	044	+	+
262	00121	064	+	+
222	97161	053	$d_or_od_or_o$	+
302	00140	024	+	+
334	00141	035	+	+
318	00151	072	+	+
204	00150	041	+	+
131	00141			
162	00161	065	+	+
135	00160	108	+	+
140	00170	116	+	+
171	00160	113	+	+
091	00160	111	+	+
005	97101	041	id_o	+
075	00140	142	+	+
010	00130			
049	00111	108	+	+
026	97131	046	+	d_o
022	96131	063	pr_o	pr_o
100	00140	052	+	jp
917	97141	002	pr_o	pr_o
980	9212	037		
976	0114	050		
965	0014	003		
969	9714	006		
962	0015	036		
952	0014	009		
953	0014	031		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

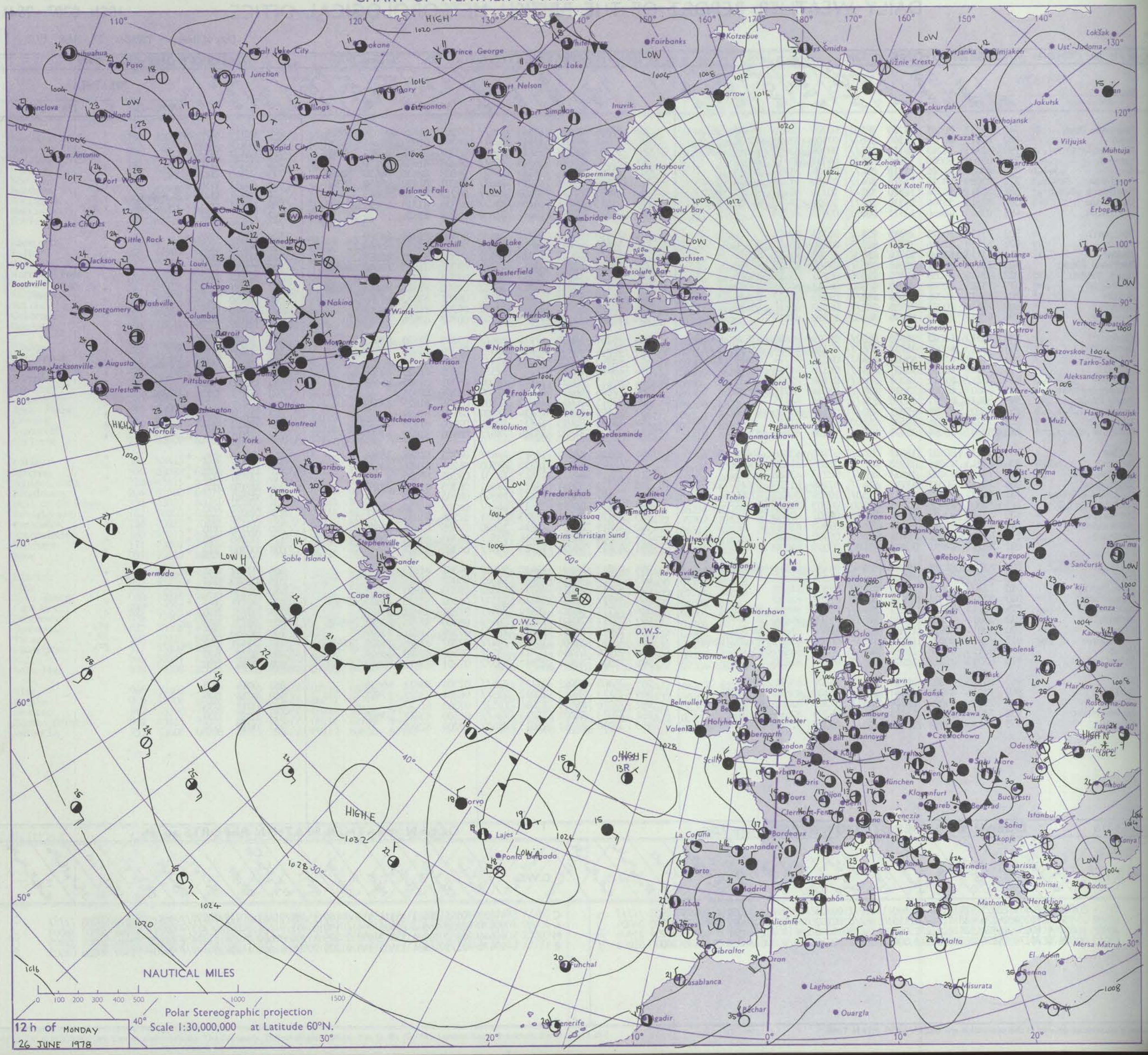
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26121	92010	93455	19611	9////	00704	/////	/////	00411	10955	30503	/////
	99570	70204	26124	82317	96206	15510	862//	00705	83704	88708	0//10	11108	30703	28004
	99646	10050	26124	53410	98252	08108	59400	00206	83910	/////	0//06	11006	30201	31906
	99470	70170	26124	40206	98011	30113	11542	00211	81820	84073	0//08	11435	30000	01003

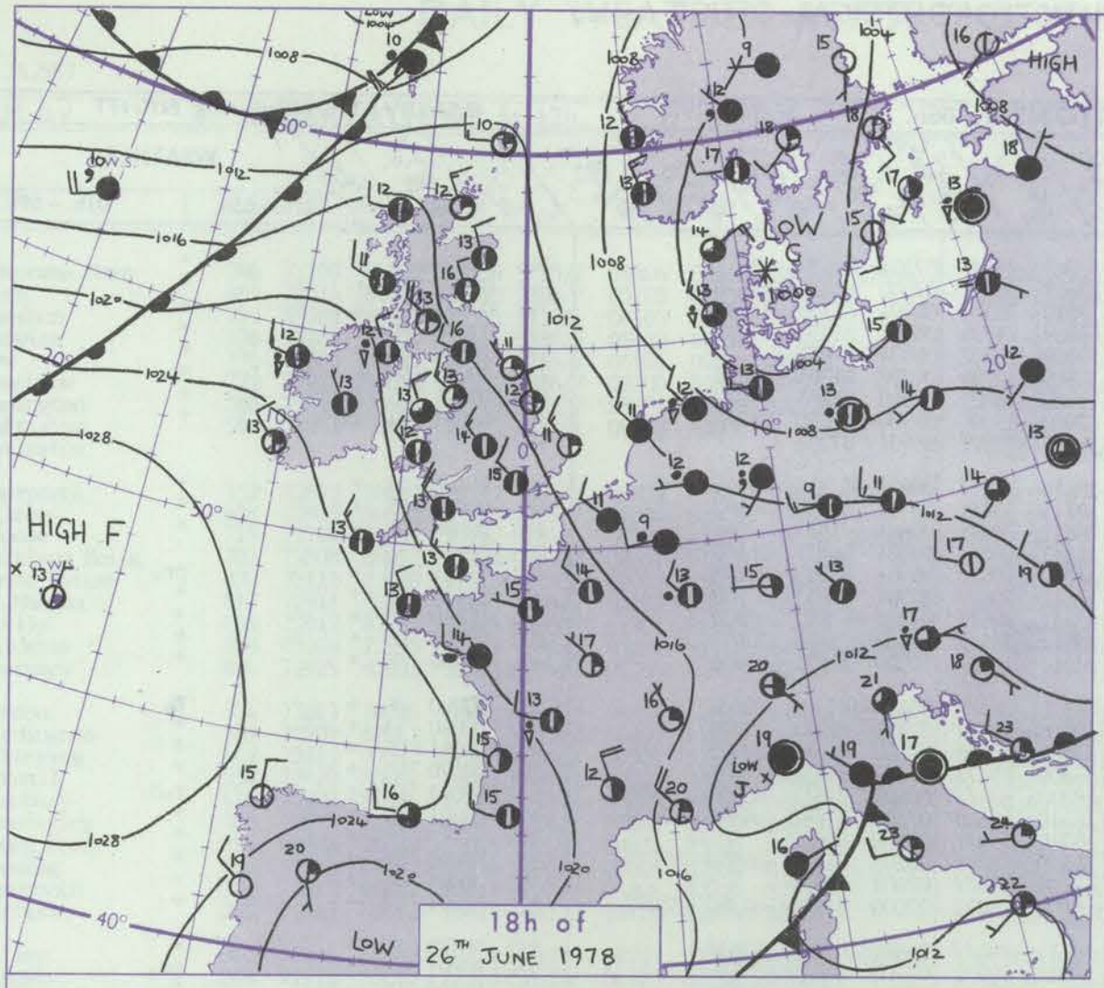
OCEAN WEATHER STATION REPORTS at 18h.

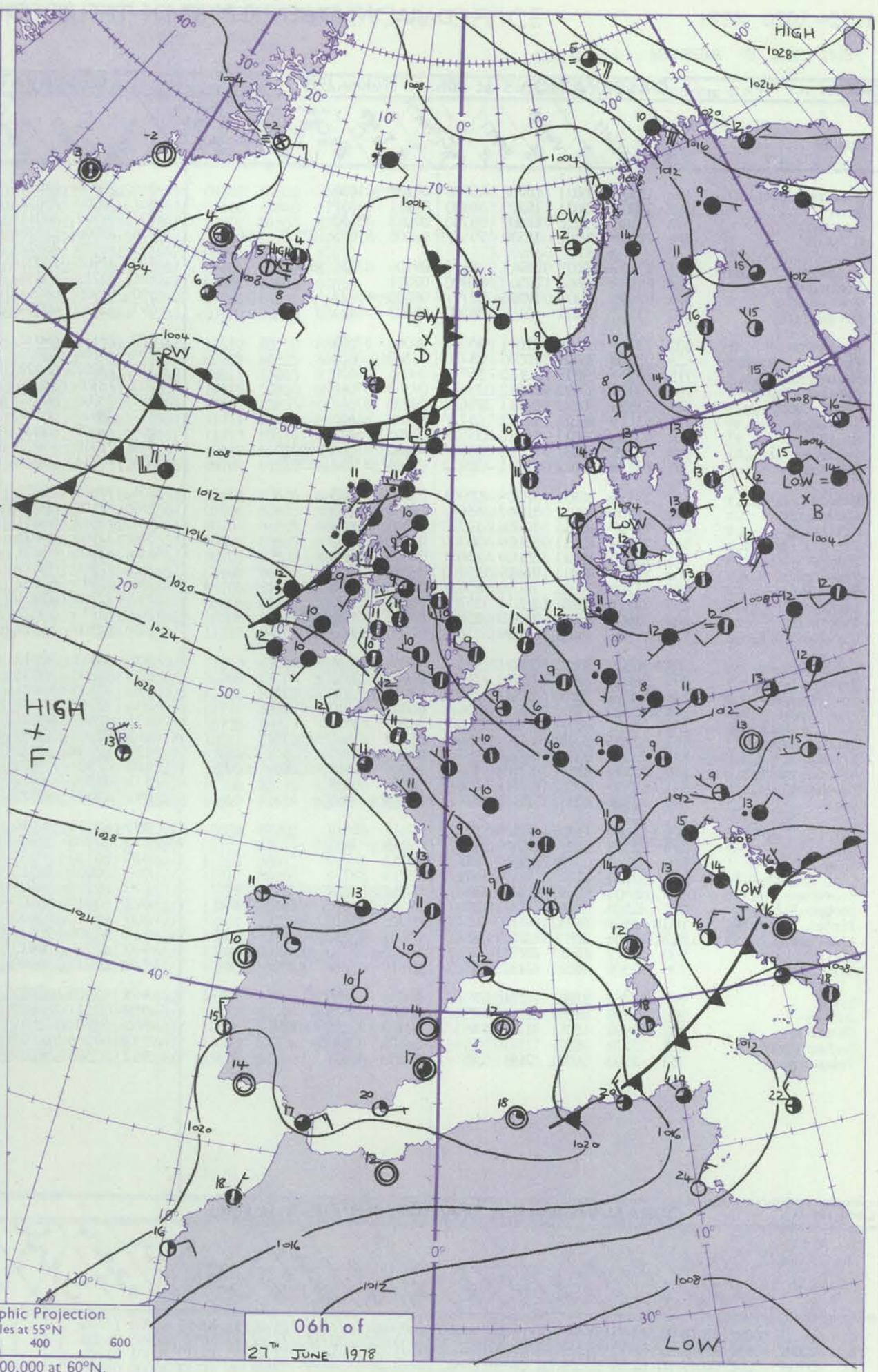
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	26181	82114	95104	16712	855//	00716	/////	/////	00512	10970	30705	/////
	99570	70203	26184	82420	95516	13010	872//	00612	88704	/////	0//11	11107	30803	28003
	99646	10052	26184	73412	99032	08508	78400	00102	83312	87627	0//06	11018	30301	31905
	99470	70171	26184	13605	98020	30513	18502	00801	81820	/////	0//08	11509	30000	01003

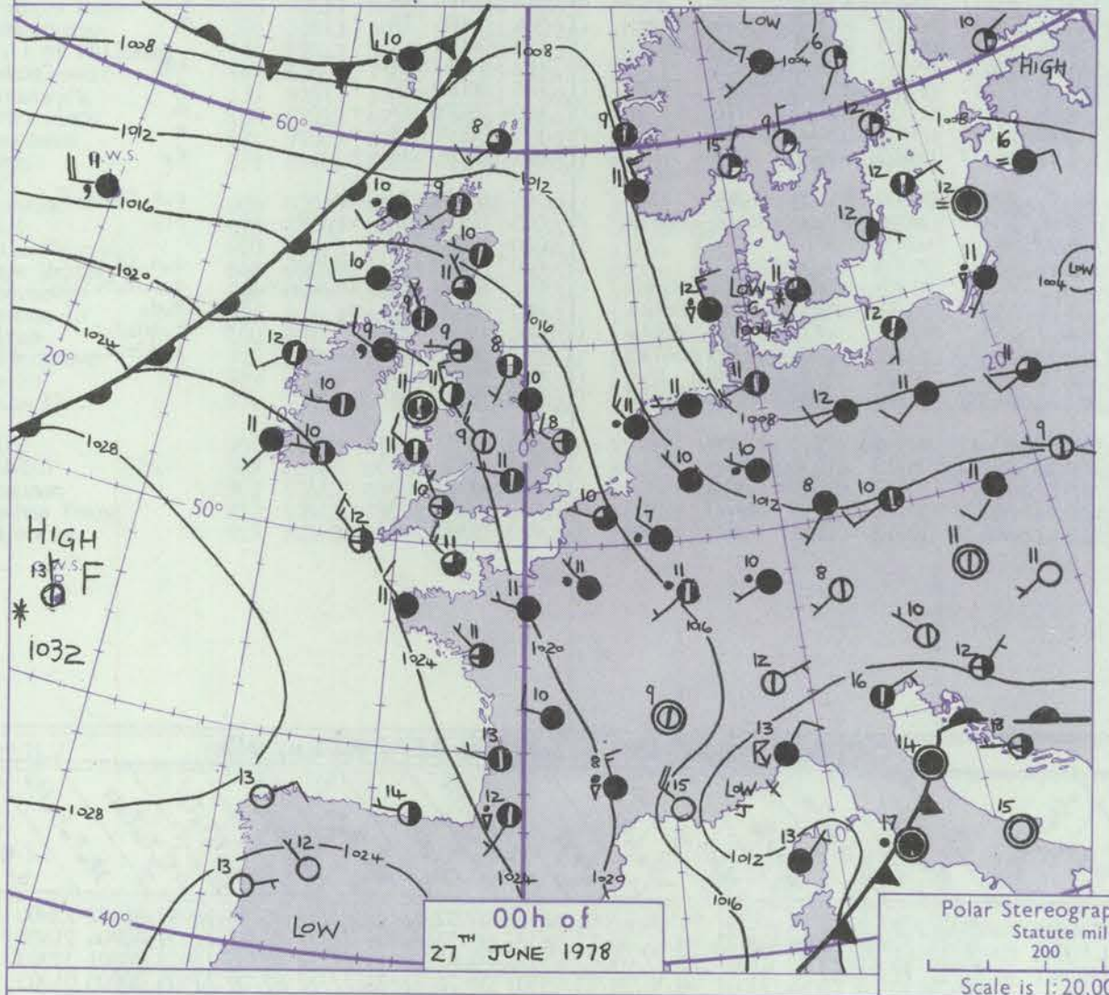
Times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
Fairbanks
Kotzebue
Prince George
Watson Lake
Fort Nelson
Fort Simpson
Inuvik
Tuktoyaktuk
Edmonton
Calgary
Whitehorse
Yellowknife
Island Falls
Winnipeg
Churchill
Baker Lake
Coppermine
Sachs Harbour
Cambridge Bay
Resolute Bay
Eureka
Arctic Bay
Nanisivik
Nottingham Island
Port Harrison
Wakeham Bay
Frobisher
Cape Dyer
Fort Chimo
Resolution
Nakina
Wiarton
Ottawa
Montreal
Toronto
Detroit
Chicago
Pittsburgh
Washington
Norfolk
New York
Caribou
Yarmouth
Stephenville
Sable Island
Cape Race
Bermuda
Goose
Angmagssalik
Prins Christian Sund
Frederikshab
Godthab
Narssarssuaq
Reykjavik
Kap Tobin
Jan Mayen
Thorshavn
Lerwick
Stornoway
Glasgow
Belmullet
Holyhead
Valentia
Scilly
Jersey
Cherbourg
Paris
Tours
Clermont-Ferrand
Bordeaux
La Coruña
Santander
Porto
Madrid
Lisboa
Gibraltar
Casablanca
Agadir
Funchal
Tenerife
Lajes
Ponta Delgada
Barentsburg
Danmarkshavn
Danborg
Bear Island
Tromsø
Oslo
Stockholm
Helsinki
Murmansk
Arkhangel'sk
Nordoyan
Ostersund
Reboly
Kargopol
Sanchursk
Vologda
Moskva
Kalinin
Penza
Smolensk
Bogučar
Kursk
Har'kov
Rostov-na-Donu
Warszawa
Gdańsk
Hamburg
Hannover
Berlin
Amsterdam
Manchester
Birmingham
London
Aberporth
Czestochowa
Praha
Odessa
Suhum
Sulina
Bucharest
Sofia
Istanbul
Skopje
Beograd
Zagreb
Klagenfurt
München
Venezia
Genova
Roma
Napoli
Brindisi
Larissa
Athinai
Rodos
Herakleion
Mathoni
Barcelona
Palma
Alicante
Malaga
Oran
Alger
Tunis
Malta
Laghouat
Ouargla
Misurata
Gabès
Béchar
Mersa Matruh
El Adem
Benina
Tarko-Sale
Aleksandrovskoe
Mare-Sale
Hanty-Mansijsk
Muži
Tobol'sk
Tjumen'
Jakutsk
Verchojansk
Viljujsk
Muhtuja
Olenek
Erbogačen
Ust'-Judoma
Lokšak
Ostrov Zohova
Ostrov Kotel'nyj
Ostrov Celjuskin
Ostrov Uedineniya
Ostrov Russkaja
Matanga
Tiksi
Verhne-Kolymsk
Nižnie Kresty
Zyrjanka
Ust'-Omčug
Kazač'e
Tokurdah
Nordvik
Dikson Ostrov
Sazovskoe
Maye Karmakuly







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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday TUESDAY 27 JUNE 1978

During the past 24 hours slow-moving depressions over Scandinavia gradually filled while pressure remained high to the southwest of the British Isles. A northwesterly airstream gradually backed to westerly in the north later ahead of a warm front which moved to the west coasts of Scotland and Northern Ireland in association with a weak depression which moved eastsoutheast over Iceland.

During the next 24 hours, the weak depression to the east of Iceland is expected to move steadily eastsoutheast towards Norway while high pressure maintains to the southwest of the British Isles. A warm front is expected to move southeast to the English Channel while slow-moving troughs of low pressure affect north Scotland.

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

Code FM 11.V — OBSERVATIONS at 00h. 27 June 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	13105	80021	19708	15700	06109	81650		
Hurn	862	43007	75011	19710	40830	07111	84357		
Manston	797	33106	75016	17609	35700	07003	83650		
Gatwick	776	72902	56102	18509	755//	08006	81625	83632	86645
Kew									
Heathrow	772	72804	60022	18411	756//	09106	83634	86645	
Honington	586	02507	05466	17307	00900	07801			
Wattisham	590	92806	02476	17606	9////	06003	89///		
Gorleston	497	52910	66031	16408	55500	05103	85625		
Aberporth	502	73111	82022	21011	756//	08002	87635		
Filton	628	33206	70021	20310	35700	07107	83650		
Rhoose	715	63107	81012	20610	55730	08006	85650		
Hartland Point	703	73310	87022	21812	756//	09303	87646		
Mount Batten	827	72906	80022	21811	756//	09003	87647		
St.Mawgan	817	63111	80021	22312	657//	11002	86656		
Scilly	804	53114	80011	24012	555//	09203	85622		
Culdrose	809	73210	75031	23111	1563/	08400	81635	86360	
Guernsey	894	63116	83022	21211	30932	09106	83362	85075	
Elmdon	534	13113	75031	18709	00901	05203	81075		
Cardington	559	62506	62012	18107	656//	07001	86635		
Wittering	462	12710	60015	17508	15700	07801	81650		
Watnall	354	23006	65011	18009	25700	07001	82650		
Shawbury	414	22908	80021	19009	15601	06003	81640		
Finningley	360	12708	65011	16409	15700	07801	81650		
Spurn Point	396	81705	70021	16010	856//	07806	88640		
Leeming	257	32711	70031	15811	35700	06000	83650		
Tynemouth	262	51605	69021	16110	25630	08400	82630	85358	
Carlisle	222	52706	75021	17209	55601	07106	85643		
Valley	302	70000	80022	20411	755//	09004	84624	87645	
Ringway	334	22405	70021	18609	21400	07104	82818		
Squires Gate	318	43316	75030	18511	11531	07005	81820	83075	
Ronaldsway	204	73014	83021	19410	754//	06003	81710	87645	
Mull of Galloway	131	33312	81011	19509	35600	08207	83630		
Eskdalemuir	162	62913	80011	16708	15601	05103	81640	86075	
Prestwick	135	73306	80031	18309	28532	07003	81825	83360	86075
Abbotsinch	140	72507	82021	17508	15632	06005	81640	83365	85075
Leuchars	171	63306	86012	15911	656//	06004	86630		
Dyce	091	72806	82032	15110	756//	06804	87640		
Lerwick	005	62413	75031	11108	654//	07811	86618		
Wick	075	72305	82021	14109	756//	07810	87635		
Sule Skerry	010	82713	58506	13010	874//	10712	88710		
Cape Wrath	049	82320	04515	13509	872//	09713	88704		
Stornoway	026	82408	62605	15010	853//	09812	82707	84616	88625
Benbecula	022	82409	80038	16311	854//	09707	81710	83616	88640
Tiree	100	82508	84032	17710	854//	09708	85617	88630	
Aldergrove	917	82908	80508	20309	854//	07801	83712	86620	88632
Malin	980	72712	85012	19511	784//	08805	83718	85628	85640
Belmullet	976	72309	80028	21312	7543/	09810	82718	86640	85359
Birr	965	72703	81022	22710	756//	07001	87635		
Dublin	969	72809	84032	21110	754//	07003	87619		
Shannon	962	62903	82011	23211	655//	08803	82625	85645	
Roches Point	952	72706	82022	23910	756//	08000	87643		
Valentia	953	82203	84021	24911	855//	09802	88627		

OBSERVATIONS at 06h. 27 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
746	70000	74031	19807	756//	07301	84630	87645	
862	70000	75031	19807	786//	07500	83830	87640	
797	52907	58011	17510	38331	08501	81708	83075	
776	73008	81026	18909	15734	06302	81656	87080	
775	72605	78022	18509	00902	06501	87072		
772	72908	75031	18509	10934	06202	81365	87080	
586	72712	60034	16908	18204	07500	81705	87078	
590	62908	58054	17009	25704	08500	82650	86075	
497	72910	40054	15909	7097/	08601	87358		
502	73112	84022	20810	784//	08001	82815	87645	
628	83104	70021	19711	856//	08602	84635	88642	
715	73007	80022	19811	784//	06601	81815	87645	
703	73308	80022	21311	684//	09301	84815	86650	
827	73008	80012	21212	784//	09501	81818	87645	
817	73010	80022	21812	784//	10301	83811	87650	
804	73309	83022	23412	785//	08302	83823	87633	
809	73310	75022	22511	785//	08500	81820	87635	
894	73211	80021	21011	785//	10000	81822	87656	
534	72807	65021	18310	685/2	06400	81820	86634	
559	72606	62031	18008	10934	07301	81362	87075	
462	73012	66021	17009	15636	07500	81640	87275	
354	72903	80021	17809	15772	06202	81650	87075	
414	82605	83031	18310	884//	08603	82818	83634	88645
360	72910	70021	16510	15648	07301	81640	84363	87275
396	82915	60032	15710	854//	08400	88612		
257	72702	82031	16410	48531	06205	81825	84650	87075
262	82712	80022	15709	6567/	07601	86635		
222	62502	81011	16709	28432	07000	81715	84360	85072
302	73111	82012	19611	784//	08602	82815	87635	
334	72803	70251	18010	784/2	07703	82818	87638	
318	73115	80021	17811	784//	07704	83818	87636	
204	72707	84032	18410	3543/	07804	81711	83645	87360
131	72607	83021	17909	5851/	09305	81820	85630	87458
162	72807	82032	16408	754//	05801	81714	87635	
135	82709	80022	16611	7547/	08809	81710	83620	85624
140	82509	70022	15611	854//	08810	81713	85716	87619
171	72309	84022	14609	25672	05707	82640	84362	85073
091	82403	84022	13410	855//	06605	88622		
005	82713	30216	08210	870//	09607	83700	88702	
075	82706	82606	11711	55677	09709	81640	84656	86359
010	82720	60205	10810	864//	10707	88710		
049	82024	32515	11609	873//	09703	88706		
026	82207	64606	12311	853//	10715	85706	86614	88622
022	82012	58505	12911	853//	10716	82708	85710	88615
100	82111	62602	14411	852//	10717	84703	87707	88618
917	81906	70035	18009	863//	07712	81706	83710	86713
980	82214	58615	15811	864//	10721	86716	87632	
976	82216	56586	16512	6637/	11726	83706	83717	88459
965	82109	81022	20110	854//	08714	82712	88634	
969	72611	84022	19109	756//	06713	81635	87645	
962	72709	82012	20912	785//	10611	81820	87645	
952	82106	80022	22210	6547/	08707	81715	86643	88460
953	82508	80022	22512	4842/	10712	81818	84635	88460

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	00050	51	+	+
862	00050	00	+	+
797	01071	05	$d_or_orr_o$	+
776	97050	00	r_o	+
775	00070	01	+	+
772	00070	04	+	+
586	00071	05	ff	+
590	00051	01	ff	+
497				
502	00100	09	+	+
628	00090	05	+	+
715	00090	06	+	+
703	00110	10		
827	97111	09	+	pr_o
817	00110	09	+	+
804	00110	10	+	+
809	00090	06	+	+
894	00100	08	+	+
534	97080	06	+	r_o
559	00040	51	+	+
462	00061	04	+	+
354	00070	01	+	+
414	97071	03	+	r_od_o
360	00091	07	+	+
396			+	+
257	00090	06	+	+
262	00091	05	+	+
222	00071	05	+	+
302	00110	09	+	+
334	97071	05	+	pr_o
318	00100	08	+	+
204	00090	04	+	+
131	94081			
162	97041	50	+	id_o
135	00080	03	+	+
140	97070	04	+	d_o
171	00070	06	+	+
091	97070	04	+	r_o
005	04072	04	ir_o	$r_or_offd_od_oF$
075	97080	07	ir_o	ir_o
010	97101	10		
049	97081	08	$id_od_od_o$	$d_od_oid_o$
026	91091	09	$id_odir_or_or_o$	$r_or_od_or_o$
022	94111	10	d_o	d_od_o
100	01101	09	+	$r_or_od_or_o$
917	96091	08	id_od_o	$r_od_or_or_o$
980	9310	09		
976	9210	07		
965	0008	06		
969	0008	07		
962	0010	08		
952	0010	08		
953	9710	09		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_ssapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	27001	92309	92456	17810	9////	00605	/////	/////	00211	10966	3//03	///04
	99571	70203	27004	82522	93515	13510	872//	00105	88703	/////	0//11	11098	30905	21803
	99646	10052	27004	83312	98038	06708	854//	71710	88618	/////	0//05	11012	30301	31904
	99470	70169	27004	13305	98020	31013	12502	00005	81820	/////	0//08	11523	30000	01003

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_ssapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	27061	82307	96516	17409	864//	00002	/////	/////	00010	10999	30402	22804
	99571	70201	27064	82423	96015	10911	863//	00713	88706	/////	0//11	11101	30904	21803
	99649	10041	27064	83007	98022	05107	854//	00802	88614	/////	0//05	11021	30301	31903
	99470	70170	27064	33008	98030	29713	28501	00610	81823	/////	0//09	11505	30000	01003

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. 42587

Date of Issue WEDNESDAY 28 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 27 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	73109	84022	19214	785//	06804	82828	84645	87656
Hurn	862	73014	81012	19615	786//	05703	81835	87650	
Manston	797	53009	80012	17815	12601	08103	81830	85075	
Gatwick	776	73108	82022	18614	786//	05400	83830	87650	
Kew	775	72806	82022	18514	785//	06101	84825	87650	
Heathrow	772	72911	80022	18514	786//	07000	82830	87650	
Honington	586	72809	78022	17114	6853/	08801	83825	84650	
Wattisham	590	52811	70012	16915	58501	08000	83820		
Gorleston									
Aberporth	502	82612	84032	20312	5857/	08802	81825	85656	87359
Filton	628	72910	84032	19514	785//	07804	84825	87640	
Rhoose	715	72714	84022	20112	784//	08000	81818	83630	87640
Hartland Point	703	72808	88022	21614	1853/	08101	81825	87360	
Mount Batten	827	73111	89028	21515	7853/	07002	85828	87648	
St.Mawgan	817	72911	82022	22213	784//	08102	83815	86645	
Scilly	804	72812	82022	23215	4853/	11301	81822	84635	87360
Culdrose	809	83209	75258	22713	884//	08001	81710	84820	86630
Guernsey	894	72915	82022	22013	784//	09205	82815	87650	
Elmdon	534	73013	70026	18412	785//	06601	82822	85630	87640
Cardington	559	72909	67012	17913	785//	07400	81825	84635	87640
Wittering	462	73112	83022	17313	746//	06301	81830	87640	
Watnall	354	72810	80022	17613	68531	07001	83820	86640	
Shawbury	414	72908	81026	17813	785//	07808	83822	85640	87656
Finningley	360	72610	82022	16015	786//	07803	83830	86645	
Spurn Point	396	62706	70032	16015	52571	09801	85825	86360	
Leeming	257	72710	89022	15516	786/1	07604	82834	87645	
Tynemouth	262	72612	80022	15113	785//	09505	82825	87630	
Carlisle	222	72613	83012	15415	68532	10709	82824	85632	
Valley	302	82415	68602	18712	7537/	09707	81709	85618	88460
Ringway	334	72911	83028	17513	7853/	06703	83826	87640	
Squires Gate	318	72813	83022	17414	38431	09706	81818	83650	85362
Ronaldsway	204	82412	50582	16911	872//	10709	81703	88704	
Mull of Galloway	131	82418	58506	16310	862//	10710	88705		
Eskdalemuir	162	62409	75015	14215	48432	07811	83818	85075	
Prestwick	135	82413	57582	15211	852//	10708	81704	83706	85714
Abbotsinch	140	82313	62585	14112	854//	10707	83712	86715	
Leuchars	171	72309	88012	12516	58572	09711	83822	83628	85362
Dyce	091	81406	86036	11416	885//	09710	81820	84626	88650
Lerwick	005	82616	08516	08210	870//	10204	88701		
Wick	075	71405	89026	10515	55532	09806	83625	84645	85360
Sule Skerry	010	82513	62205	09812	864//	11804	88715		
Cape Wrath	049	72024	75015	10111	6557/	09708	86620	87360	
Stornoway	026	81912	64156	09912	853//	11714	82709	86615	88620
Benbecula	022	82112	64015	10112	862//	11712	85704	87707	88712
Tiree	100	82114	18536	11612	860//	12611	84701	88702	
Aldergrove	917	82010	58216	15312	861//	11716	83702	86704	88708
Malin	980	82418	70505	13513	863//	12709	83708	88715	
Belmullet	976	82612	40215	15914	862//	13601	86704	88711	
Birr	965	82413	62502	18013	7647/	12709	86712	83630	88458
Dublin	969	82510	80026	17114	854//	10613	82718	88624	
Shannon	962	82613	63606	18614	863//	12612	83707	88711	
Roches Point	952	82412	72032	20314	864//	10707	88715		
Valentia	953	82513	40616	20413	862//	13710	88704		

OBSERVATIONS at 18h. 27 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
746	72810	83022	18215	58532	08707	82827	85645	85359
862	73010	73032	18616	2167/	07607	82840	87359	
797	72407	65021	17714	786//	07801	81835	87650	
776	72707	84012	17915	786//	05705	82832	87656	
775	72805	82022	17515	746//	06706	83635	87650	
772	72807	82022	17616	786//	06606	81835	87650	
586	72711	75022	16514	786//	07605	82830	87650	
590	72910	62032	16814	58501	07703	81825	85645	85075
497	83405	66022	16014	2257/	07705	82825	88458	
502	82414	65602	17812	854//	11612	83710	88650	
628	72512	84012	18613	785//	09608	81825	84640	87656
715	72714	80026	18614	5843/	10611	85815	87359	
703	82720	80032	19313	885//	10715	82820	88630	
827	72913	86022	20215	31631	08509	83835	86360	
817	72515	70038	20613	753//	11711	83706	87616	
804	82716	66025	21814	854//	11713	85714	88625	
809	72713	62505	21213	3847/	10610	81712	83622	85461
894	72816	82022	21212	68432	09704	81811	84645	85656
534	82712	68612	17114	3552/	08608	83624	88462	
559	82806	82022	17214	886//	08806	82835	88656	
462	82710	81022	16514	885//	08708	81825	86632	88645
354	82510	75602	16413	7557/	09808	83625	87650	88360
414	82304	60218	16811	855//	09705	82623	88645	
360	82610	80032	15314	54577	08608	84624	83359	86365
396	82813	70022	14915	4847/	09706	81818	84630	88360
257	82410	84032	14213	3547/	09606	81617	83360	85362
262	72709	70022	13114	4567/	10608	84630	87358	
222	82209	62616	13912	853//	11713	86706	88625	
302	82216	50506	16111	852//	11613	85704	88612	
334	82410	30516	16511	852//	10705	81704	83710	88625
318	82514	45588	15911	872//	11711	82703	84705	88707
204	82212	18536	14111	870//	11716	88701		
131	92116	02505	13211	9////	10720	89///		
162	82010	40616	13210	871//	10611	85702	88708	
135	82106	50636	12112	852//	12616	81704	84706	86710
140	82310	50596	11313	872//	12715	81705	88707	
171	82510	59586	10913	854//	11706	85710	88650	
091	82510	80032	08617	6547/	10515	81618	83625	85650
005	82410	12105	08110	871//	10000	88702		
075	71206	81022	08711	5567/	09713	82635	85650	87460
010	82010	81022	07711	864//	11713	88615		
049	92320	02512	07311	9////	11717	89/00		
026	81810	70026	07511	6532/	11711	81708	85625	88460
022	82508	59216	08312	862//	12708	82704	86707	88710
100	92511	03506	10112	9////	12607	89/00		
917	82410	70586	13014	862//	13709	82705	88707	
980	82417	09506	12413	861//	12606	88701		
976	82314	07506	16313	861//	12503	88702		
965	72710	81016	16717	6642/	14702	83716	85633	
969	82612	62206	14315	863//	14612	85706	86714	
962	82812	30506	18314	862//	14501	82703	85705	88708
952	72812	75018	18516	7647/	13603	87714	85359	
953	82708	15505	20313	861//	13601	88702		

OBSERVATIONS during DAY

iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
746	91161	013	+	r_o
862	00171	020	+	+
797	00170	101	+	+
776	00160	062	+	+
775	00160	049	+	+
772	97170	043	+	r_o
586	00171	056	+	+
590	00170	084	+	+
497		047		
502	91141	019	+	ir_o
628	93151	002	+	$r_od_or_o$
715	92151	009	+	$r_od_or_oir_or_o$
703	91141	026		
827	97161	031	pr_o	r_or_o
817	97151	035	+	$pr_od_od_o$
804	97160	014	id_o	ff
809	97150	024	pr_o	$id_od_od_o$
894	00140	012	+	+
534	92151	001	r_o	r_or_o–r_or_o
559	97150	043	+	r_o
462	91161	048	+	r_or_o
354	91150	025	+	$r_od_od_or_o$
414	91151	002	$d_opr_or_o$	r_or_o
360	01171	049	+	r_or_or
396			+	+
257	01161	031	+	r_or
262	01172	043	+	rr
222	02151	016	r_o	$d_or_od_or_orr_or_o$
302	02131	002	$ir_oirid_od_od_o$	$r_or_oid_od_od_odr$
334	93151	003	pr_or_o	$r_or_od_od_o$
318	02141	006	$pr_or_or_ord_or_o$	$d_or_od_or_or_oR$
204	06121	000	r_or_oRdr	d_od_odr
131	02111			
162	02161	014	ir_o	$ir_or_or_or$
135	05131	005	d_or_o	$d_or_or_or_oRrrdr$
140	03141	003	$id_od_or_o$	$d_or_odrd_or_o$
171	96191	032	+	$d_or_or_or_od_o$
091	97171	002	+	r_or_o
005	94111	000	ffd_od_oF	FFd_od_o
075	97161	000	+	ir_o
010	93132			
049	97111	000	id_o	$id_od_od_off$
026	97121	000	$d_or_oir_o$	$r_or_oid_o$
022	02121	000	$d_od_or_o$	$r_or_od_od_o$
100	06131	000	d_odddrR	$ddd_offd_od_o$
917	04151	000	$r_or_ord_or_od_od_o$	$ir_ord_or_odr$
980	0314	000		
976	0114	000		
965	0117	002		
969	9216	000		
962	9416	000		
952	9717	004		
953	0314	000		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

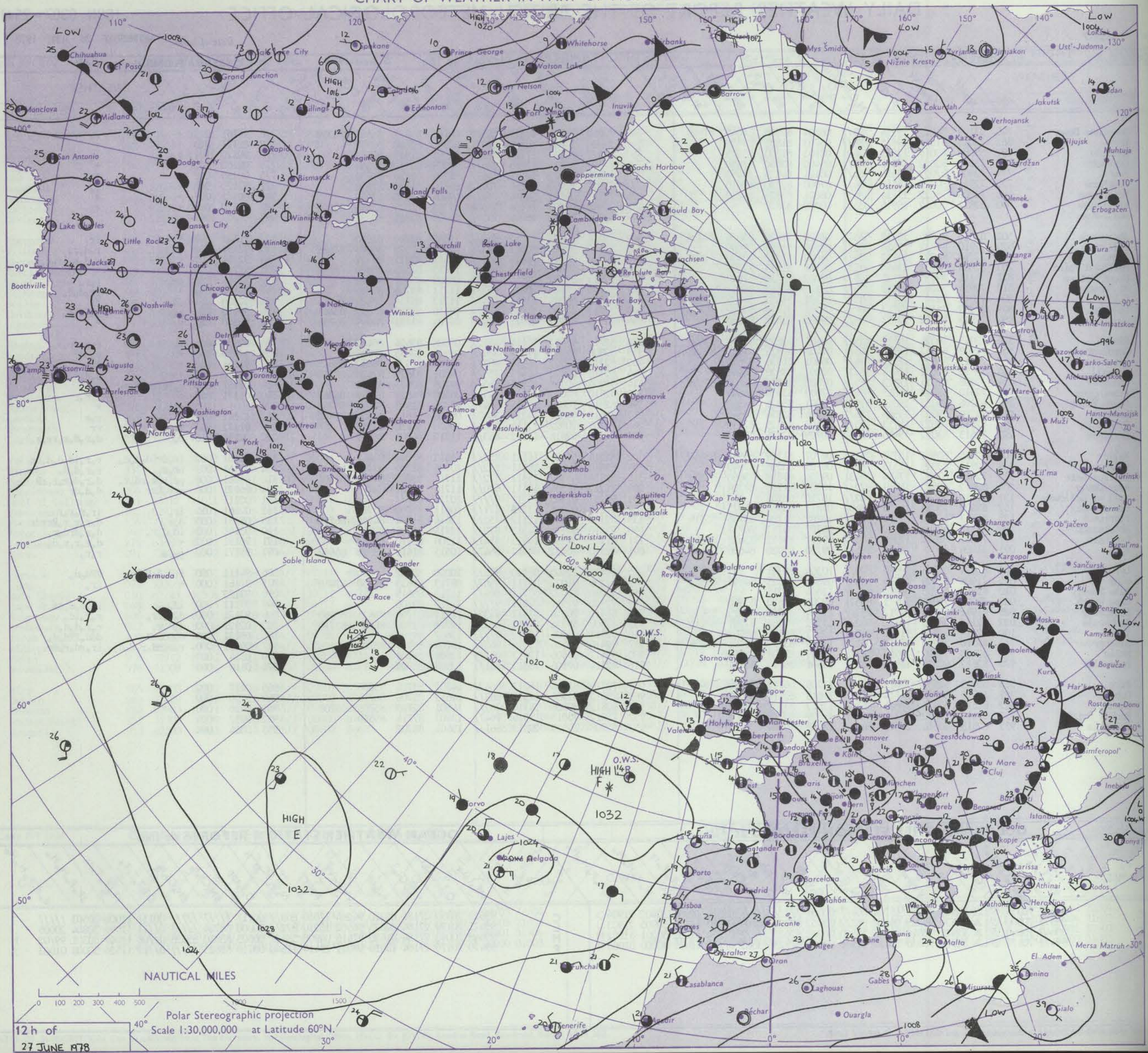
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	27121	82407	96285	18709	864//	00004	/////	/////	05010	10986	30402	21904
	99571	70200	27124	82530	97205	09410	862//	00502	87704	88709	0//10	11107	30905	21903
	99649	10040	27124	72411	98012	04908	75500	00202	87622	/////	0//04	11032	30201	31802
	99471	70171	27124	32709	98030	30114	11541	00301	81823	83365	0//11	11491	30000	01003

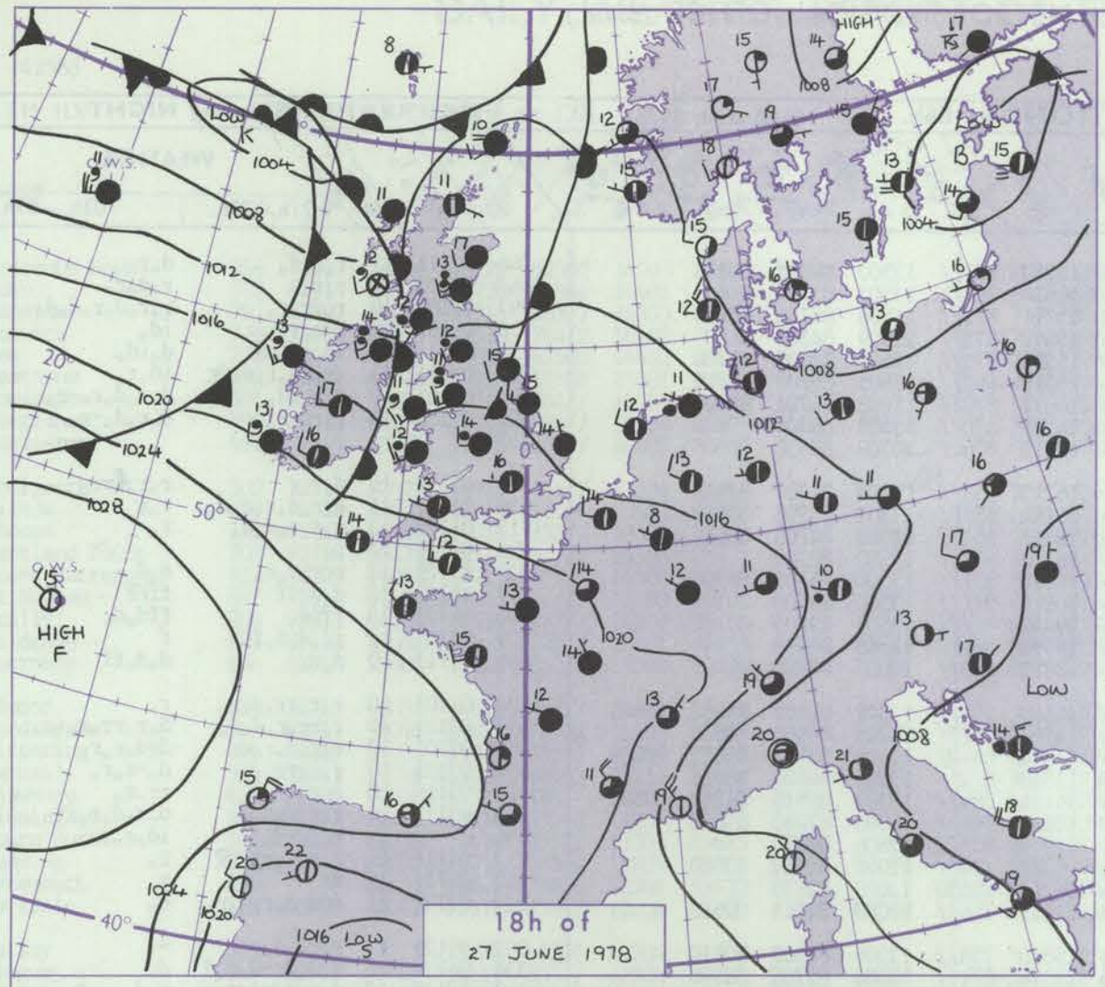
OCEAN WEATHER STATION REPORTS at 18h.

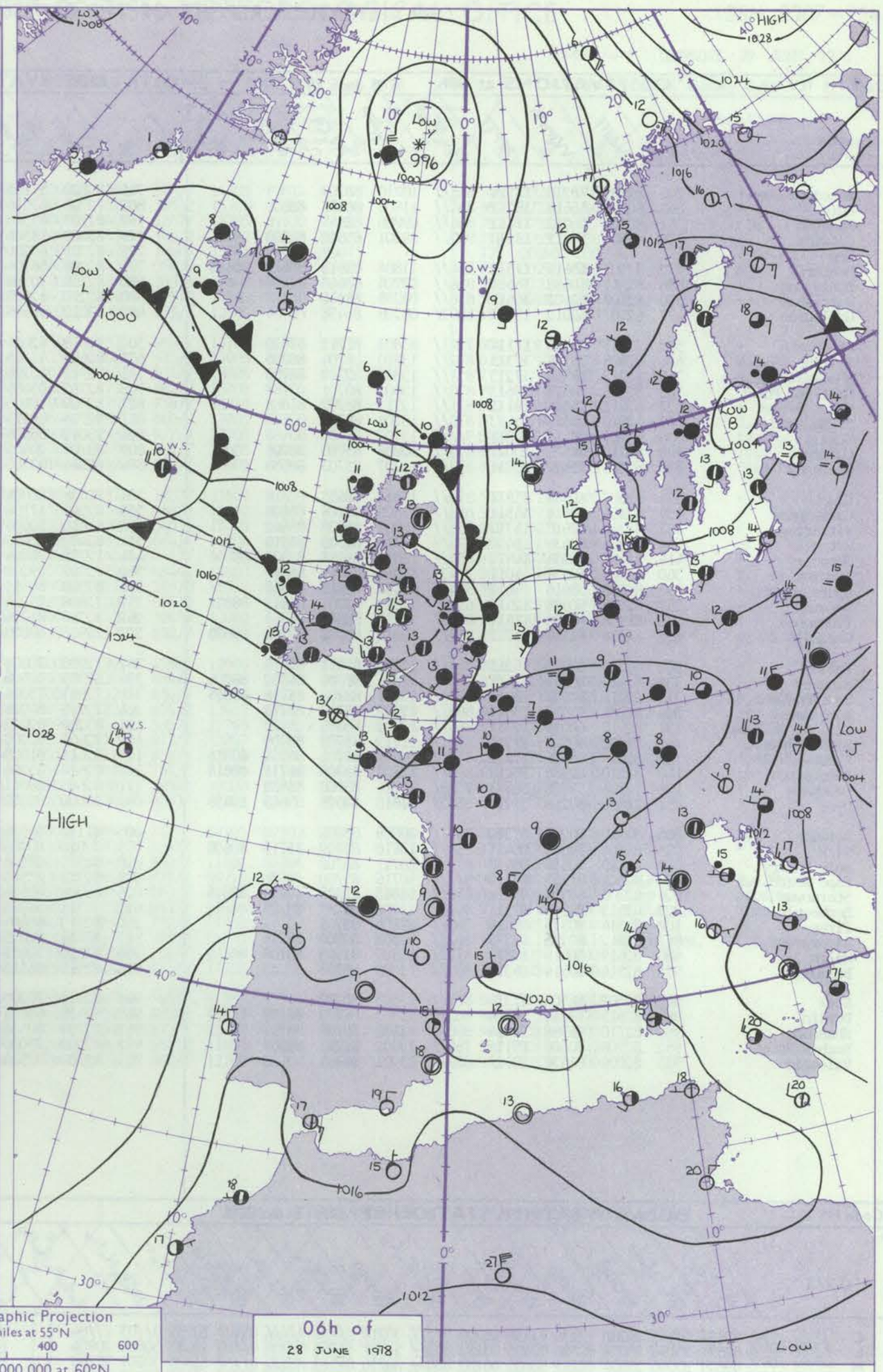
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	27181	82210	94284	17010	863//	00717	/////	/////	00111	11006	30503	/////
	99571	70199	27184	82625	96502	10210	872//	00000	88704	/////	0//11	11096	30804	20005
	99648	10043	27184	81620	97616	04908	5842/	00805	83810	85628	0//08	11047	30301	99/02
	99470	70170	27184	13010	98011	29414	11540	00710	81823	/////	0//12	11526	30000	01003

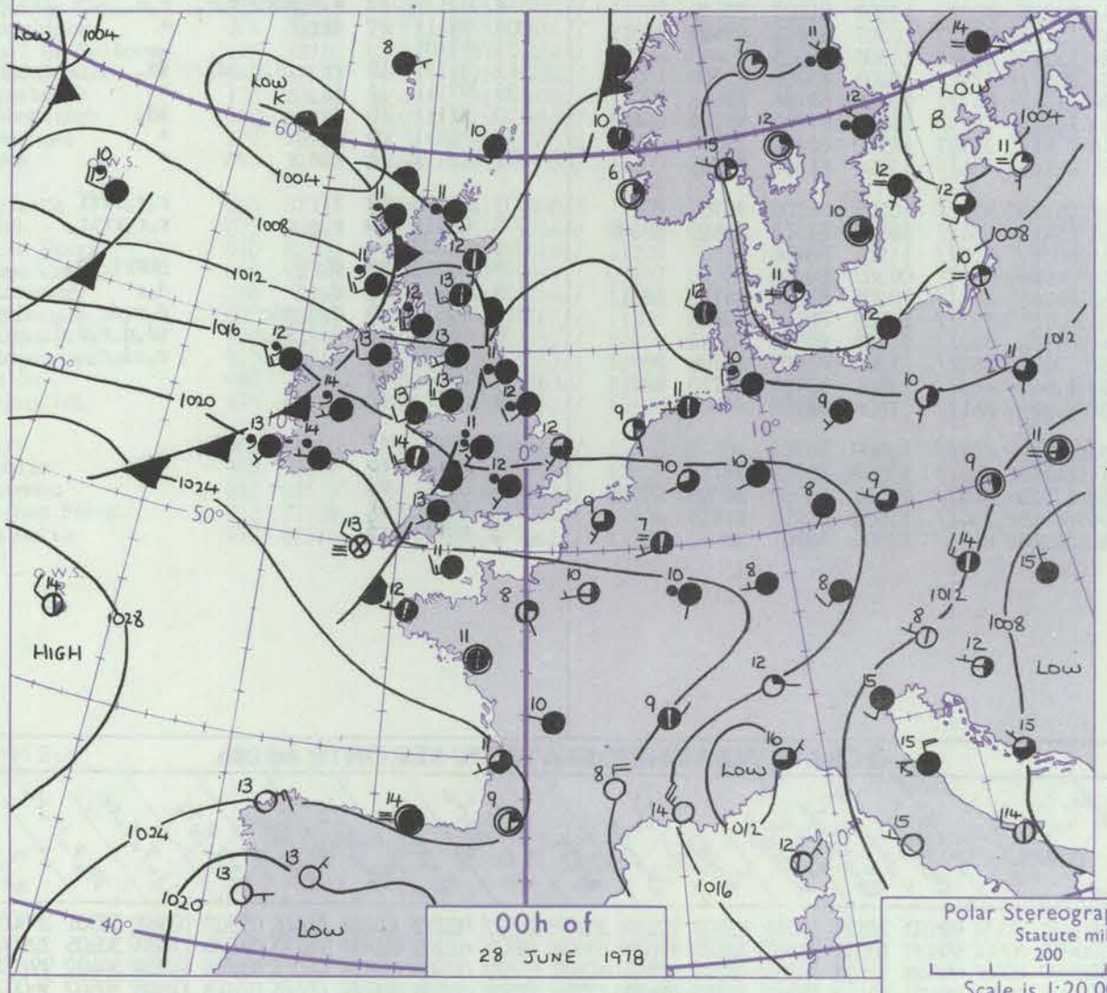
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday WEDNESDAY 28 JUNE 1978

During the past 24 hours a complex low pressure area has persisted to the north of the British Isles while associated troughs moved east across all districts. Pressure remained high to the southwest.

During the next 24 hours a depression south of Iceland will move towards north Scotland and a shallow wave depression is expected to move east across southern districts of England and Wales.

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

Code FM 11.V — OBSERVATIONS at 00h. — 28 June 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	82209	70216	17511	863//	10710	88709		
Hurn	862	82306	65616	18212	854//	11808	86618	88630	
Manston	797	82206	66022	17412	856//	09806	88645		
Gatwick	776	82104	57612	18210	855//	09801	85622	88640	
Kew									
Heathrow	772	82207	65616	17512	854//	11804	83613	85622	88656
Honington	586	82511	60616	16611	856//	10704	88643		
Wattisham	590	82608	62602	16611	856//	09706	88644		
Gorleston	497	62207	62012	15912	6092/	08705	86458		
Aberporth	502	72513	62016	17114	754//	13801	81712	87620	
Filton	628	82608	58506	17313	872//	13810	86704	88706	
Rhoose	715	82712	26516	17213	871//	13807	82702	88703	
Hartland Point	703	82618	30516	18613	870//	13802	88701		
Mount Batten	827	82412	25516	19112	871//	12712	88702		
St.Mawgan	817	82510	03515	19413	870//	13708	88700		
Scilly	804	92911	08454	20813	9////	13703	89/00		
Culdrose	809	82710	04505	20012	870//	12808	85700	88701	
Guernsey	894	82615	75022	20811	852//	11707	85703	88650	
Elmdon	534	82307	60586	15811	854//	10813	88613		
Cardington	559	82106	58616	16511	853//	11808	85707	88624	
Wittering	462	82310	62616	15710	855//	10809	86626	88642	
Watnall	354	82206	40636	15410	872//	10712	82703	88710	
Shawbury	414	82407	66036	14812	854//	11810	81617	83630	88640
Finningley	360	82108	50636	14011	3742/	11812	83712	88540	
Spurn Point	396	82308	58616	14612	5741/	11706	85715	88460	
Leeming	257	81508	50586	12512	6502/	11813	83701	86615	88527
Tynemouth	262	81908	56636	11612	8052/	12711	88520		
Carlisle	222	82406	59216	11713	852//	13812	83704	83707	88620
Valley	302	82510	65025	15213	854//	12806	85611	88616	
Ringway	334	82109	30585	14411	870//	11811	81701	84702	88704
Squires Gate	318	82714	60206	13413	853//	13611	83706	85710	88625
Ronaldsway	204	82708	75036	13613	864//	12702	81710	88712	
Mull of Galloway	131	82715	60025	12913	864//	12802	88715		
Eskdalemuir	162	81806	30586	11211	872//	11712	85703	88706	
Prestwick	135	82614	58506	11512	850//	12807	81701	84702	87616
Abbotsinch	140	82410	62586	10113	853//	12807	83706	86711	88618
Leuchars	171	72508	59026	08513	7533/	11716	83708	86632	
Dyce	091	71805	80216	07212	6552/	11813	82625	85645	87459
Lerwick	005	81910	20204	07310	861//	10809	88702		
Wick	075	81504	59606	06411	853//	10716	83709	85715	88620
Sule Skerry	010	81610	20626	05410	873//	10717	88708		
Cape Wrath	049	92321	01555	05110	9////	10716	89/00		
Stornoway	026	82008	62506	05711	852//	11813	82705	84617	88625
Benbecula	022	82513	30516	07311	861//	11706	85702	88705	
Tiree	100	82514	30515	09411	860//	11604	88701		
Aldergrove	917	82612	80216	13313	862//	12803	82704	88706	
Malin	980	82619	50615	12812	872//	12302	82703	83706	86710
Belmullet	976	82514	20516	16312	862//	11000	88703		
Birr	965	82502	56506	17314	864//	13803	88710		
Dublin	969	82615	70216	14814	863//	13803	84706	86709	87630
Shannon	962	82710	25586	18614	860//	13400	84701	88703	
Roches Point	952	82706	70606	19114	7647/	13002	87711	88359	
Valentia	953	82004	06534	20613	860//	13201	88701		

OBSERVATIONS at 06h. — 28 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	82808	57105	16213	861//	13500	84702	88703	
862	72706	67016	16614	763/1	13503	87709		
797	82107	45516	15711	872//	11506	84704	88706	
776	82409	18506	15612	872//	12609	88703		
775	82205	60206	15213	872//	12608	83703	88704	
772	82407	58206	15313	862//	13505	82703	88704	
586	82108	20586	14011	870//	11608	84701	88704	
590	82210	12506	14211	870//	11609	88701		
497	82010	56616	13412	8062/	10709	88530		
502	72613	62016	16713	752//	13302	81704	87618	
628	82609	45215	16114	853//	13302	85706	88618	
715	82711	40216	16413	852//	13502	84703	88640	
703	82712	05465	18113	871//	13500	88702		
827	82306	50105	18113	871//	13500	85702	88704	
817	92709	00475	18913	9////	13500	89/00		
804	93012	08505	19713	9////	13503	89/00		
809	83109	20405	19313	861//	13500	88702		
894	82614	03505	18912	870//	12603	88700		
534	72408	68026	14113	754//	12501	82618	83622	86645
559	82509	17106	14113	6577/	13703	86650	88358	
462	82610	50606	13412	6542/	12605	83711	86632	88459
354	82409	30616	13313	872//	13603	86704	88711	
414	72708	78026	14114	784//	13304	82815	84620	87632
360	72407	59216	11614	754//	14606	82710	87618	
396	82308	50615	11912	874//	12606	88710		
257	72808	75216	10715	754//	12502	82712	87620	
262	32714	81026	09714	25530	12603	82620		
222	72906	80025	11613	754//	11209	82711	87618	
302	72908	70026	15313	753//	12304	81707	87614	
334	82915	50506	13514	871//	13304	82702	88704	
318	72913	75016	13313	753//	12209	81707	87625	
204	72915	84026	13713	65432	10307	82711	85622	86075
131	83210	82022	13212	855//	11308	88625		
162	72606	60206	10911	773//	10303	83706	87710	
135	82611	81035	11612	853//	11305	81706	87613	
140	72614	65206	10112	7523/	11304	81705	83709	86618
171	42605	80011	07413	28332	11500	81708	83070	
091	70000	89026	06113	754//	12302	81715	87625	
005	81110	56636	05310	871//	10708	84702	88705	
075	72810	80016	05412	6542/	11500	81715	83620	85640
010	82510	08506	03711	873//	11501	88706		
049	92318	01555	04910	9////	09307	89/00		
026	82308	60616	06011	853//	10205	83706	84710	88617
022	72511	58205	07711	753//	10205	85706	87620	
100	82512	60605	09911	853//	11305	85708	88612	
917	82711	82025	13512	862//	11203	82705	85706	88707
980	82516	50615	12412	863//	12601	83707	86710	88715
976	82211	08516	14812	861//	11606	88702		
965	82611	70205	16514	864//	12602	88712		
969	82616	65035	14713	863//	12202	85708	85712	
962	82709	50516	17513	862//	13503	82703	86705	87708
952	72209	75036	18313	754//	13602	81713	87635	
953	82708	07514	19213	860//	13504	88701		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.—03h.	WEATHER 03h.—09h.
746	92111	11	$r_od_od_o$	d_or
862	92120	12	r_or_o	$r_od_or_o$
797	01101	10	$r_oir_or_o$	$r_or_od_or_od_od_o$
776	01101	09	$r_or_ord_o$	id_o
775	02111	11	id_o-r_orR	d_oid_o
772	02111	11	$ir_ord_or_odrdr$	id_or_o
586	02101	10	$r_or_ord_o$	$d_or_od_or_o-r_o$
590	02101	10	$r_ord_or_o$	$d_or_od_o-r_o$
497				
502	02121	12	d_or_or	$r_or_ofrr_o$
628	01121	11	$d_or_od_or_od_od_o$	r_or
715	01120	12	$r_od_or_od_od_o$	r_o
703	01121	12		
827	97121	12	$r_or_od_od_o$	d_od_o
817	96121	12	d_od_off	$ffFF$
804	94121	13	$ffid_o$	ffd_od_o
809	93121	12	$id_od_od_of$	f
894	97111	10	d_od_o	d_od_off
534	01101	10	$r_or_orr_od_or_o$	r_o
559	02111	10	$r_orr_or_od_or_o$	$d_or_orr_or_oir_o$
462	02101	10	$r_or_od_or_odr$	$drd_or_or_o$
354	03101	10	r_or_orr	$d_o-r_or_o$
414	93110	10	r_or_o	rr_or_o
360	03111	10	$r_or_orrd_or_o$	$d_or_od_or_oir_o$
396			$r_or_oid_o$	$id_or_or_o$
257	04111	11	$r_or_od_or_orR$	r_o
262	05111	11	rr	+
222	02121	11	$drdrd_or_od_or_o$	d_o
302	95121	12	$r_or_oid_o$	+
334	96111	11	$d_od_odr-d_or_od$	dd_o
318	02121	12	$d_or_oddrdrr_or_o$	r_od_o
204	95111	11	drr_o	+
131	93101			
162	01111	10	$rr_or_od_or_oid_o$	id_o
135	97111	11	id_o	+
140	91111	10	d_or_o	id_o
171	91111	10	d_o	+
091	01121	11	r_or_or	+
005	04092	09	ff	r_or_orrff
075	03111	10	r_or_or	$r_or_orrir_o$
010	07102	10		
049	07082	10	$DDFF$	$DDFFirFF$
026	01101	10	d_or	d_or
022	02111	10	d_od_oddr	$d_or_od_o$
100	96111	10	$d_od_oid_o$	$id_od_or_od_od_o$
917	01121	11	r_oid_o	$r_ord_or_o$
980	02112	11		
976	96111	11		
965	97113	13		
969	91112	10		
962	01113	13		
952	97113	11		
953	03112	13		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_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	28001	92908	93456	18209	9////	00212	/////	/////	05109	10984	3//03	///04
L	99572	70198	28004	82720	97505	10110	872//	51501	83704	88708	0//09	11083	30804	20904
M	99649	10040	28004	82213	98806	06208	884//	00216	84812	88620	0//07	11035	30301	99/03
R	99471	70170	28004	12912	98010	28914	11500	00805	81826	/////	0//12	11462	30000	02003

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
C	99527	70355	28061	82905	97024	20307	855//	00212	/////	/////	05507	10961	30301	29803
L	99570	70203	28064	72720	97035	10009	783//	61202	82708	87630	0//06	11088	30805	22904
M	99649	10043	28064	81912	98028	08509	855//	00308	88620	/////	0//04	11034	30402	99/03
R	99470	70170	28064	22813	98030	27214	21501	00606	82826	/////	0//13	11503	30502	36002

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. 42588

Date of Issue THURSDAY 29 JUNE 1978

Code FM 11.V **OBSERVATIONS at 12h.** 28 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Boscombe Down	746	72810	66036	16120	52502	14203	85822	86075	
Hurn	862	62914	67016	16720	61501	14601	86822		
Manston	797	82807	50056	15516	863//	14303	88709		
Gatwick	776	72609	64025	15518	784/2	16802	84816	85645	
Kew	775	72407	65025	15020	42502	14802	84820	86072	
Heathrow	772	42607	65016	15120	11508	15801	81822	84275	
Honington	586	72813	59026	13718	784//	14203	83816	87635	
Wattisham	590	83013	62036	14117	884//	14303	83815	84625	88645
Gorleston	497	82810	58026	13416	855//	14400	88625		
Aberporth	502	72514	72022	16915	784//	13204	81710	83815	87622
Filton	628	72618	65032	16219	11506	15603	81825	87275	
Rhoose	715	82712	66032	17016	852//	13001	81703	85707	88615
Hartland Point	703	92716	00474	18514	9////	14503	89///		
Mount Batten	827	72209	74012	18715	755//	14000	87624		
St.Mawgan	817	92610	01474	19513	9////	13400	89/00		
Scilly	804	92812	04454	20514	9////	14802	89/00		
Culdrose	809	82610	58054	19615	852//	13801	82705	84707	88612
Guernsey	894	82616	25405	19913	860//	13305	83700	87701	
Elmdon	534	72712	68032	14619	785//	12102	83822	86628	
Cardington	559	62911	70016	14621	58531	14103	83825	83830	85080
Wittering	462	63116	68036	14019	48531	12207	83825		
Watnall	354	72711	59016	15016	68432	12212	83814	86640	
Shawbury	414	72408	80032	14318	784//	14802	84818	86630	
Finningley	360	62817	75022	13518	42542	11209	84822	86075	
Spurn Point	396	72814	62036	12616	5557/	13305	85625	87360	
Leeming	257	72717	80032	12318	58502	12209	82824	83640	86070
Tynemouth	262	72718	81031	10817	32648	12308	83830	87275	
Carlisle	222	82508	80012	12514	853//	12206	83709	85617	88630
Valley	302	62013	81012	15415	65301	13704	81707	86656	
Ringway	334	82911	59025	14815	853//	12204	83708	86712	88640
Squires Gate	318	82813	62606	14713	873//	12103	84707	88711	
Ronaldsway	204	82211	75012	14113	854//	12301	83710	88616	
Mull of Galloway	131	72710	68016	12914	4563/	13606	84630	87360	
Eskdalemuir	162	72513	70025	11713	784//	10001	83713	87625	
Prestwick	135	82410	50515	11913	870//	12000	82701	84703	87708
Abbotsinch	140	82610	65025	11114	863//	12102	82708	86710	88715
Leuchars	171	72718	80031	08918	58532	10306	81825	85650	
Dyce	091	72907	86038	07218	6253/	11103	81820	86825	
Lerwick	005	82311	15286	05411	860//	11209	88701		
Wick	075	72613	80026	06514	754//	10105	82714	85625	87640
Sule Skerry	010	82509	74026	05011	6641/	11209	86715	87458	
Cape Wrath	049	92318	01516	05610	9////	09107	89/00		
Stornoway	026	72515	80026	06413	754//	11303	85715	87625	
Benbecula	022	82415	50516	07911	862//	11301	82703	86708	88711
Tiree	100	82314	62506	09613	852//	12601	82703	86707	88617
Aldergrove	917	82510	70026	12715	863//	13804	85709	88710	
Malin	980	72417	50506	11714	763//	13802	85706	86712	
Belmullet	976	82413	35206	14013	862//	13801	85704	88710	
Birr	965	82310	30506	15815	863//	14602	87708	87636	
Dublin	969	72617	84012	14018	7547/	12605	82718	87620	86462
Shannon	962	82615	40505	16614	862//	14505	82704	86706	88709
Roches Point	952	72709	75022	17318	764/1	13704	87714		
Valentia	953	82514	20205	18614	861//	13703	88702		

OBSERVATIONS at 18h. 28 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{app}	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
	746	72910	83022	15918	784//	14705	85814	87618	
	862	63011	70022	16220	58532	15703	83825	83630	
	797	82205	60032	14021	1867/	15705	81830	88465	
	776	62615	70031	14521	18632	15602	81835	85075	
	775	52613	75012	14220	18602	13301	81835	85075	
	772	72511	68031	14320	38635	14500	81830	86275	
	586	72907	72022	13320	38536	14803	81825	83656	87275
	590	83103	64022	13619	15777	14703	81650	85465	88275
	497	83107	60022	13618	855//	12400	88625		
	502	72416	75032	15216	6843/	13708	81818	83635	85650
	628	82613	62502	16015	873//	14606	88708		
	715	82814	50505	16314	871//	13806	83702	88703	
	703	82719	56034	17313	862//	13708	88704		
	827	72510	70022	17615	754//	13710	83618	87625	
	817	82512	05464	18713	860//	13705	88700		
	804	92713	02474	19514	9////	13705	89/00		
	809	82813	57052	18914	861//	13605	82702	84703	88704
	894	82613	01464	19213	860//	13605	88700		
	534	82712	81038	13719	18577	11605	81825	88270	
	559	72510	65052	13421	48638	15607	83835	87275	
	462	62709	75032	13020	54631	15708	82835	84656	
	354	72507	60258	13517	6841/	15708	82816	84620	85650
	414	82412	72022	14016	4557/	14804	83620	88465	
	360	72906	65012	12917	48442	13803	81817	83650	86075
	396	52712	60022	12717	38570	13302	82825	83630	85360
	257	72603	82021	12017	65572	12803	86620		
	262	52812	80022	11317	32638	13002	83830	85275	
	222	82507	65586	11714	852//	13805	83704	86709	88615
	302	72210	80032	13914	15506	12606	81623	87275	
	334	82608	64032	13218	684/2	13806	85817	86650	
	318	82510	70216	13215	854//	13607	83715	88624	
	204	72511	68036	12214	684/2	13612	81710	86650	86073
	131	72414	60216	11712	5357/	12705	82925	84630	85358
	162	82107	50586	11013	873//	12807	85708	88712	
	135	82407	40505	11212	852//	12604	82703	83706	85709
	140	72612	75025	10115	7543/	11601	81714	84617	86622
	171	52513	75031	08817	38542	10000	83825	83075	
	091	60703	82022	07615	6853/	12301	81820	83645	85650
	005	72211	80028	06611	782//	10105	82703	83630	87640
	075	72203	82022	07213	5547/	10102	81715	85635	87362
	010	82316	12105	05011	863//	11801	88706		
	049	82324	57025	04510	872//	09710	88705		
	026	82311	59258	06511	883//	11801	85707	86815	88630
	022	82411	64016	07911	863//	11400	85706	88710	
	100	72611	70205	09711	752//	11501	81705	83708	87620
	917	72811	80156	11715	784//	12605	81715	83820	85640
	980	82615	75025	11812	862//	11001	83703	88712	
	976	82510	62505	13713	863//	11703	84706	88709	
	965	82607	64505	14714	6647/	12705	85715	88458	
	969	72715	84026	12617	48508	11707	83824	87270	
	962	82814	30505	15413	873//	13707	82706	86708	87711
	952	82515	82032	16017	58477	11603	85819	88275	
	953	82606	62606	17113	863//	12709	83707	88627	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	746	00210	049	+	+
	862	97230	056	d_o	+
	797	07212	017	d_od_o-d_or_o	tlR
	776	00230	058	+	+
	775	00240	059	+	+
	772	00250	061	+	+
	586	97211	010	r_o	+
	590	97201	008	d_or_o	+
	497		000		
	502	00171	022	+	+
	628	97201	073	+	d_od_o
	715	97171	005	id_o	$d_od_ofd_od_o$
	703	97141	004		
	827	00181	003	+	+
	817	97140	000	FF	d_od_off
	804	00150	000	ff	ff
	809	97161	001	if	$ifid_o$
	894	97140	000	ifjf	$ffid_oFF$
	534	97220	025	pr_o	+
	559	97230	057	ir_o	+
	462	00211	061	+	+
	354	01191	028	+	pr
	414	00200	020	+	+
	360	97181	035	+	r_o
	396			+	+
	257	00190	068	+	+
	262	00181	094	+	+
	222	96141	000	r_o	$r_odrd_or_od_or_o$
	302	00160	049	+	+
	334	91181	004	d_o	r_o
	318	01151	001	ir_o	$r_od_or_o$rR
	204	03151	006	$r_od_or_odr$	pr_o
	131	02141			
	162	94151	000	pr_o	$r_od_or_od_or_o$
	135	92141	000	d_o-d_od_o	$d_odd_oid_o$
	140	97171	002	id_o	jp
	171	00190	125	+	+
	091	97190	041	pr_o	+
	005	92121	004	$Fffr_or_o$	pr_o
	075	01151	007	$ir_or_or_o$	+
	010	03112			
	049	01112	000	d_od_oFF	d_od_oFF
	026	92131	001	id_ojp	$pr_od_or_o$
	022	91121	000	$id_od_od_od_or_o$	d_od_o
	100	92131	000	$d_od_oid_o$	id_o
	917	01171	015	$d_or_oid_odrd_o$	$d_or_oir_o$
	980	9214	000		
	976	0214	000		
	965	9717	001		
	969	9719	020		
	962	9215	000		
	952	0019	032		
	953	9215	000		

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

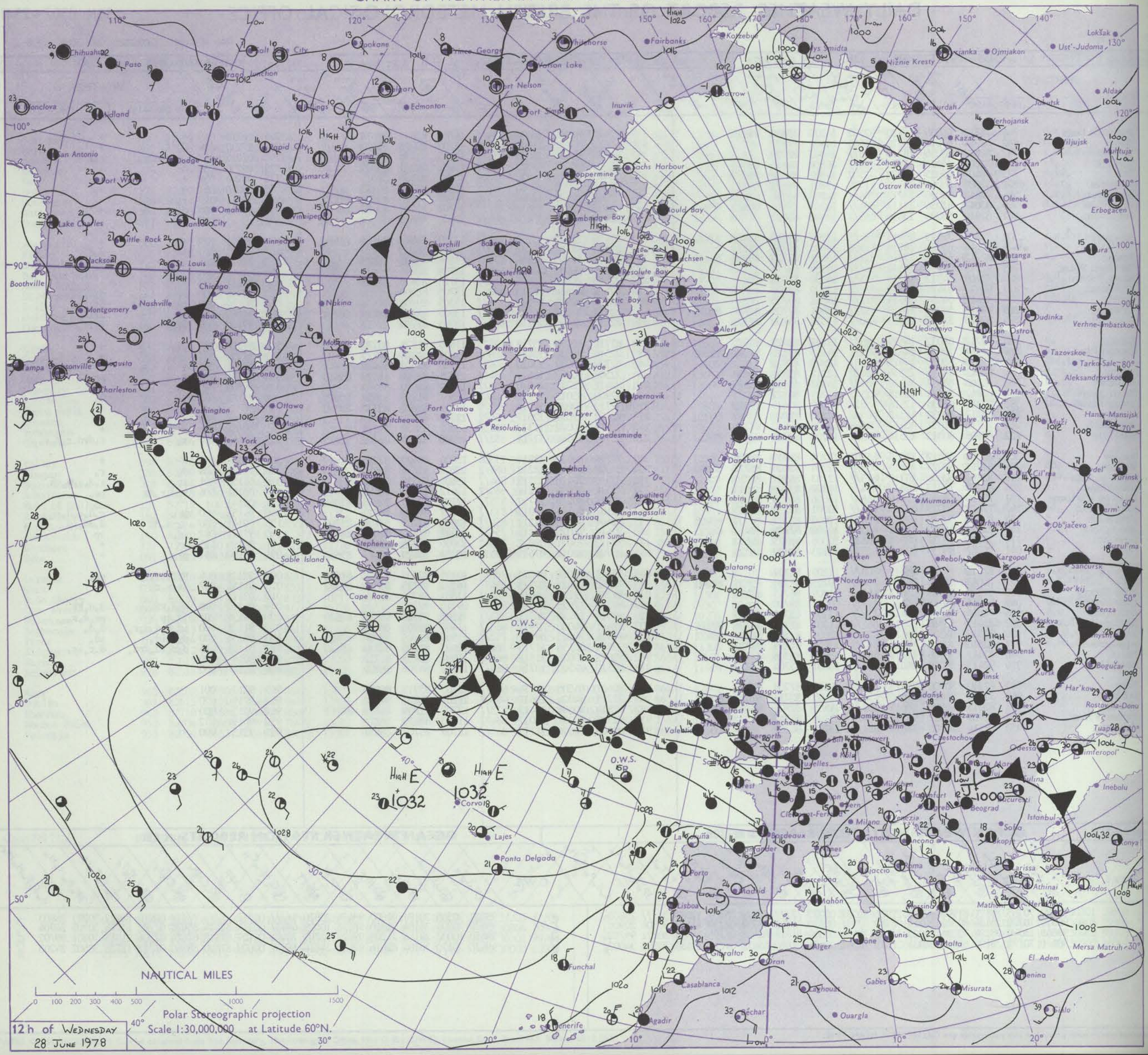
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28121	81903	97022	22706	855//	00205	/////	/////	05707	11028	3////	29803
	99570	70202	28124	82314	96515	08710	871//	00710	86702	88707	0//10	11103	30804	20904
	99649	10040	28124	72204	99022	11209	78400	00309	81818	87623	0//05	10991	30201	99/02
	99470	70171	28124	62614	98031	26815	11542	00604	81820	85075	0//13	11485	30502	34003

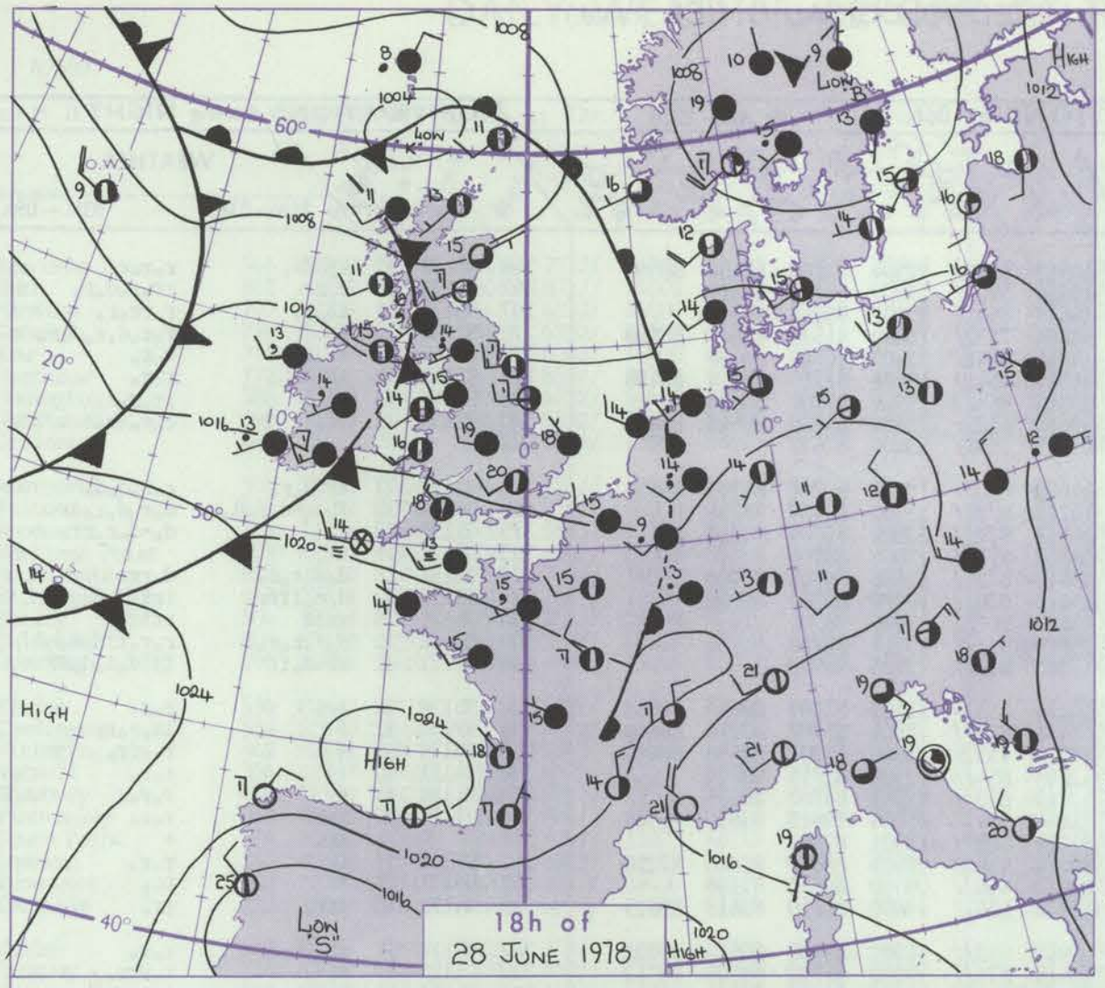
OCEAN WEATHER STATION REPORTS at 18h.

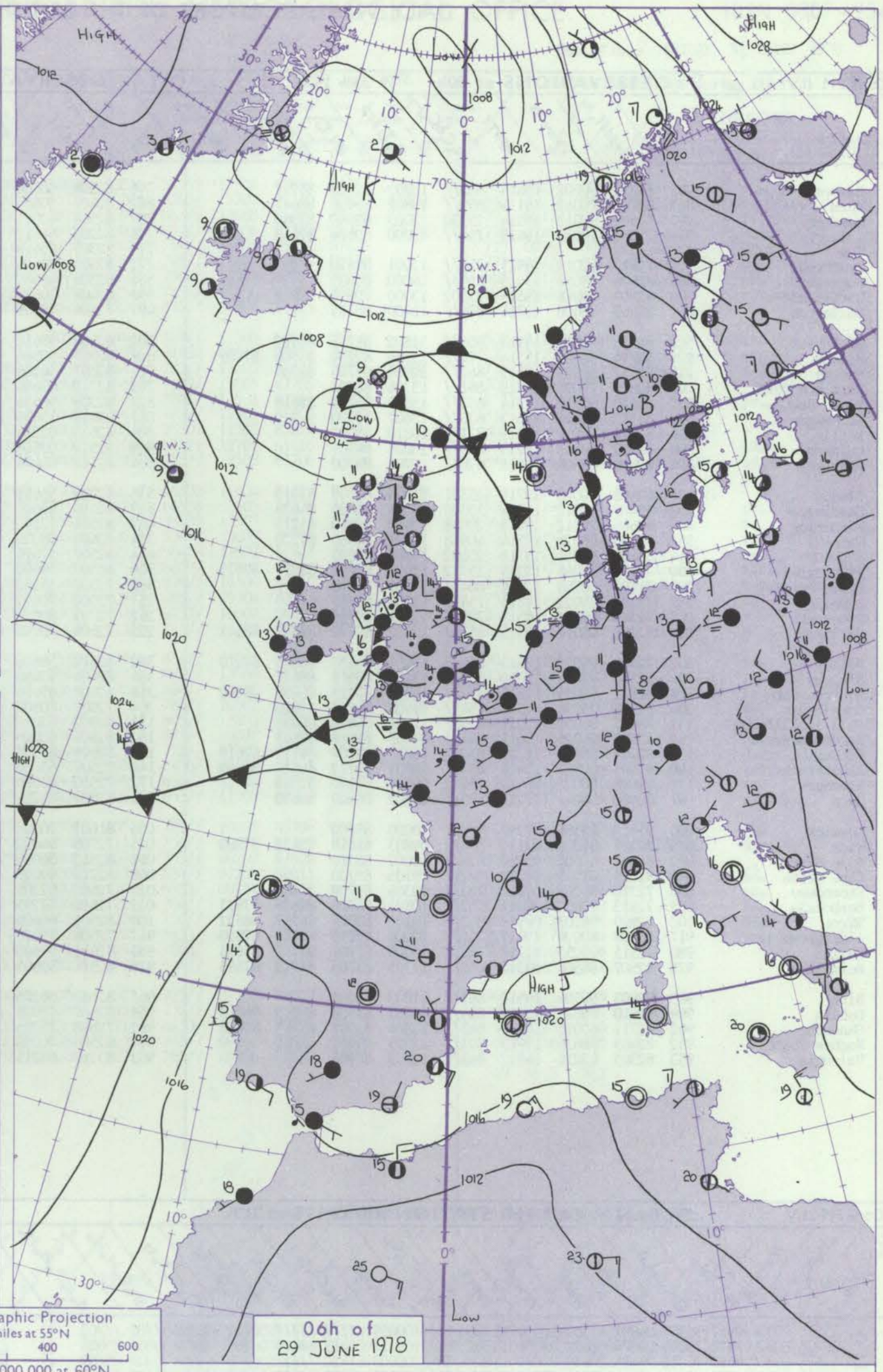
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_vsapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	28181	91607	93474	20810	9////	00712	/////	/////	00010	11022	30201	26803
	99570	70201	28184	72820	98155	10009	6843/	00214	83814	85630	0//07	11074	30905	24904
	99653	10032	28184	71209	99022	12709	78401	00107	81818	87624	0//06	11015	30201	99/02
	99470	70170	28184	82616	97602	24814	1857/	00609	81820	88360	0//13	11528	30502	34203

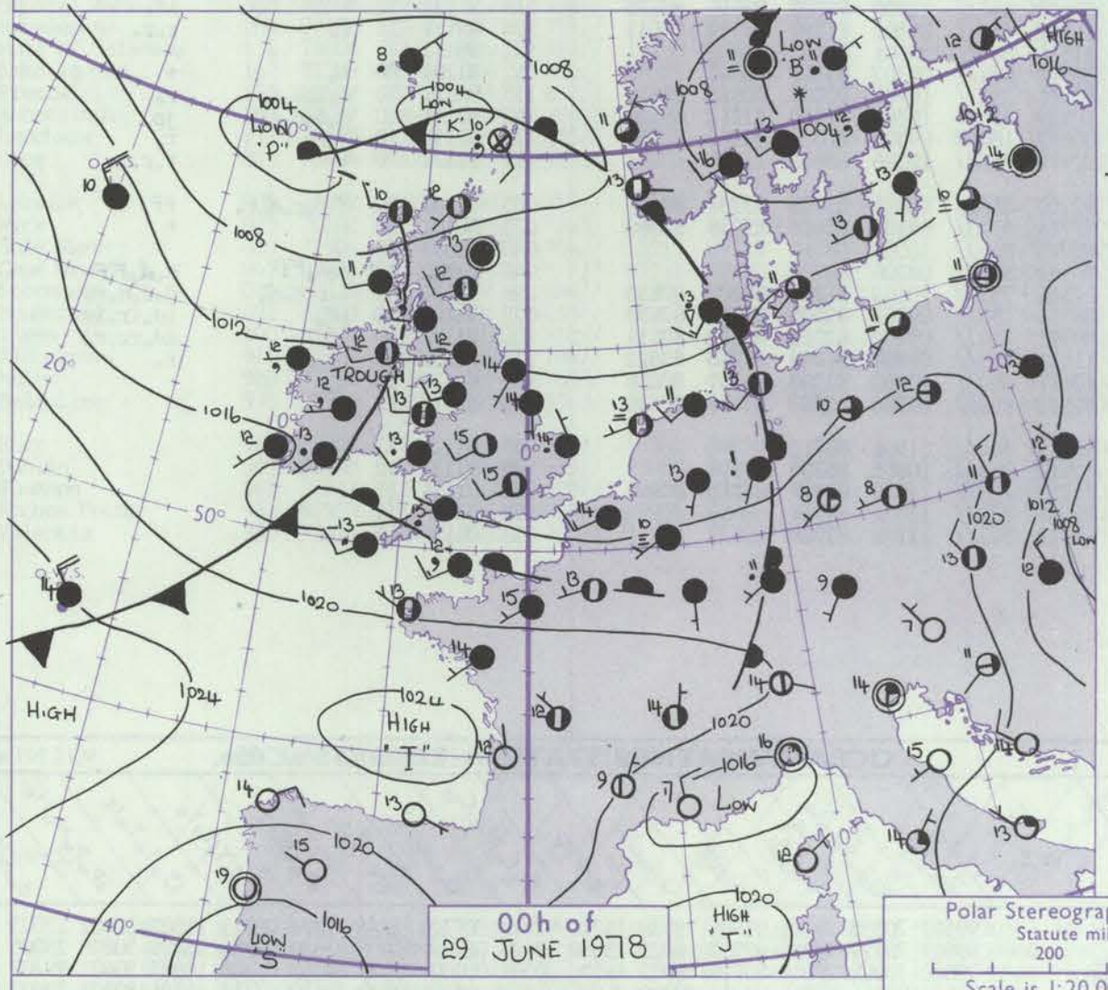
All times of observation printed in this publication are GREENWICH MEAN TIME.

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE









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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday THURSDAY 29 JUNE 1978

A complex low pressure area from the southwest of Iceland across Shetland to the Baltic has persisted although pressure is recovering temporarily near Iceland. Associated frontal troughs have moved east across the British Isles and there are now indications of a wave development over southwest England on a cold front which extends across the Hebrides to southwest England, thence southwestwards.

During the next 24 hours the low pressure complex will be maintained from the south of Iceland to the northern North Sea and the unsettled west to northwest airstream will continue across the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. 29 June 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	82710	80602	15814	863//	13803	82708	88711	
Hurn	862	82705	70012	16116	855//	13801	85626	88647	
Manston	797	42509	60019	14514	25730	13003	82650	83360	
Gatwick	776	72707	70032	15415	754//	13000	82614	87618	
Kew									
Heathrow	772	72510	62012	14915	755//	12001	87620		
Honington	586	62406	58058	13415	656//	14002	86635		
Wattisham	590	42709	60018	13515	25502	13000	82626	83075	
Gorleston	497	83505	58606	13714	874//	13400	88715		
Aberporth	502	82612	66602	14913	854//	11802	81715	88622	
Filton	628	72714	56205	15514	772//	12806	82704	85706	87709
Rhoose	715	82712	62025	15513	862//	12806	83704	88705	
Hartland Point	703	82620	77022	16313	861//	13706	88702		
Mount Batten	827	82610	62515	17314	853//	13805	85709	88616	
St.Mawgan	817	82513	09446	17613	870//	13807	88700		
Scilly	804	82511	20636	18213	871//	13810	88702		
Culdrose	809	82709	10605	18213	870//	13808	88701		
Guernsey	894	82616	03505	18612	870//	12706	88700		
Elmdon	534	42408	60018	13715	35301	13805	82709	83075	
Cardington	559	52409	60012	14214	55500	13003	83624	84638	
Wittering	462	52606	70012	13413	20938	12400	82360	85275	
Watnall	354	72506	60022	13514	40938	13801	84360	87270	
Shawbury	414	32408	66011	13713	25602	13801	82635		
Finningley	360	72507	59046	12214	35732	13803	83650	83359	87075
Spurn Point	396	81805	60258	12214	864//	13705	88718		
Leeming	257	72103	84022	11815	754//	13304	87615		
Tynemouth	262	72503	69022	10515	7097/	12101	87358		
Carlisle	222	82708	62016	10913	853//	12000	82709	85627	88645
Valley	302	72710	75022	13613	656/8	11001	84630	86645	87270
Ringway	334	82506	45606	13014	854//	14602	85615	88637	
Squires Gate	318	82611	62036	12513	854//	12801	83713	85620	88640
Ronaldsway	204	72506	75038	12312	754//	11400	81712	87620	
Mull of Galloway	131	83405	84032	12211	4552/	11101	84620	88458	
Eskdalemuir	162	72509	65026	10611	784//	09803	82818	87645	
Prestwick	135	82709	65516	11211	852//	11002	82704	84715	87619
Abbotsinch	140	82509	60585	10411	854//	10801	83712	86624	88640
Leuchars	171	72608	68022	08412	25642	09805	82630	87363	
Dyce	091	80000	58041	07213	855//	11801	86622	88650	
Lerwick	005	91612	01584	07210	9////	10000	89/00		
Wick	075	72107	81022	07112	5547/	09803	81618	85632	87360
Sule Skerry	010	82314	60505	05210	874//	10002	88710		
Cape Wrath	049	92319	01515	05710	9////	09105	89/00		
Stornoway	026	72710	65206	07310	753//	10305	81708	87624	
Benbecula	022	72613	77032	08011	753//	10801	84706	85626	87635
Tiree	100	82509	66205	09911	852//	10102	83705	86709	88622
Aldergrove	917	72608	80026	12412	754//	10000	82712	83715	87620
Malin	980	72515	75255	11711	783//	10000	81707	84712	85628
Belmullet	976	82507	56506	13312	862//	11705	83705	86712	87635
Birr	965	82603	50506	14512	863//	11803	88706		
Dublin	969	82610	75022	13213	863//	10003	85708	85712	86718
Shannon	962	82711	62026	14913	863//	12804	83707	85713	87620
Roches Point	952	82405	58636	15913	873//	12703	84707	88711	
Valentia	953	82305	62216	16512	863//	12803	88706		

Code FM 11.V — OBSERVATIONS at 06h. 29 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
	746	82308	60606	14813	5532/	12504	82708	85630	88550
	862	82407	50616	15214	5722/	13602	85705	88515	
	797	82508	62021	14415	854//	13301	88614		
	776	82206	64612	14814	7552/	13400	81620	87645	88560
	775	82305	65616	14314	6742/	12400	86710	88458	
	772	82205	68616	14314	4542/	13001	82710	83614	88458
	586	82308	48602	13314	853//	13301	87707	88630	
	590	82408	30616	13614	6522/	13302	85705	85640	88459
	497	72606	48056	12715	755//	13400	87620		
	502	82508	58616	14012	850//	12604	81701	83703	86625
	628	82507	50586	14713	872//	13502	86704	88706	
	715	82807	56586	14513	872//	12501	85704	88710	
	703	82712	63626	14813	872//	13606	88705		
	827	82308	50636	15413	872//	13606	86703	88706	
	817	82410	15636	15213	870//	13710	86700	88701	
	804	82613	62216	16113	862//	13606	88705		
	809	92512	03616	15813	9////	13711	89/00		
	894	82512	01445	17012	870//	12705	88700		
	534	82309	56611	13114	4537/	13502	83707	83650	88462
	559	82410	45606	13414	853//	13501	85707	87712	88640
	462	82511	57102	12714	7532/	13500	83706	87650	88462
	354	82405	58022	12813	854//	12501	83716	88626	
	414	82507	57616	12713	853//	12503	83707	88635	
	360	81502	59602	11814	55477	13304	82615	85650	86465
	396	72507	35102	11414	7097/	13301	87360		
	257	73002	70602	10714	65448	11501	83617	86640	87270
	262	72705	80022	10113	4563/	09400	84630	87358	
	222	72606	70022	10712	6547/	11400	81710	83618	85625
	302	82610	58606	12912	853//	11502	83708	86614	88622
	334	82606	32636	12413	871//	13500	81702	86705	88712
	318	82608	65606	12113	853//	12500	81709	83618	88630
	204	72909	80602	11812	754//	09301	81710	85623	87633
	131	82907	82032	11511	885//	10601	81825	88630	
	162	82606	65026	10711	884//	09302	85818	88640	
	135	82609	65026	10711	7527/	10701	81705	83618	87635
	140	72507	65026	10112	6547/	10301	81710	83712	86626
	171	72510	83016	08612	18448	09302	81818	84362	87270
	091	82804	86216	07912	855//	10206	88622		
	005	81607	70026	07210	850//	10303	83701	83707	88635
	075	72705	84022	07711	6543/	09105	83618	85635	87360
	010	82312	66025	05910	864//	10208	88710		
	049	82715	69025	07109	863//	08206	88709		
	026	72607	62205	07911	752//	10102	81703	83707	87630
	022	72610	72205	08511	752//	09501	82705	83615	87630
	100	82506	66605	09511	6547/	09702	82710	86622	88459
	917	72506	75026	11611	753//	09703	81708	83710	87622
	980	82411	59608	10811	862//	10705	83703	84707	88630
	976	82511	59605	12512	863//	11500	82707	85716	87638
	965	82610	66205	13312	864//	11501	88712		
	969	82607	75026	12512	863//	10801	85709	88714	
	962	72813	75205	14213	763//	12305	83707	86713	87640
	952	82506	70026	15213	854//	11301	83714	88636	
	953	83210	65215	15713	863//	11103	85708	88633	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
	746	03121	12	$r_or_od_o$	r_or_or
	862	02131	13	r_or	$rr_or_od_or_o$
	797	93131	11	tl_or_o	$r_orr_or_o$
	776	92131	13	+	$r_or_od_or_od_or_o$
	775	92141	13	+	r_or_o
	772	93141	13	+	r_or_o
	586	97141	13	pr_o	$ir_or_or_o$
	590	92131	11	pr_ol	$r_or_oir_o$
	497				
	502	01111	11	$ir_od_or_o$	$r_or_od_od_o$
	628	01131	13	d_od_o-$d_or_od_or_o$	$d_or_od_or_odr$
	715	01131	13	d_o	d_o-$d_or_orr_o$
	703	08122	12		
	827	03131	13	$d_od_or_or_o$	d_orr
	817	12122	12	d_od_offrr	$rrffd_od_o$
	804	06131	13	rrff	rrff
	809	06122	12	$d_od_or_or_o$	$r_or_offd_od_o$
	894	97121	12	FFid$_o$ff	ffid$_o$d$_o$d$_o$FF
	534	96131	10	pr_o	r_or_o
	559	97130	12	+	$ir_or_or_o$
	462	94131	09	+	r_orir_o
	354	94131	10	+	r_or_o
	414	01131	11	+	r_or_or
	360	01121	10	r_or	r_or_o
	396			pr_o	+
	257	97140	11	+	r_or_o
	262	97131	11	+	pr_o
	222	94111	10	irr_o	pr_o
	302	95111	10	r_o	r_or_o
	334	01121	12	r_o .	r_orrr_o
	318	91131	12	+	ir_o
	204	94111	11	r_o	r_or_o
	131	95101			
	162	91101	08	r_o	+
	135	96111	10	$d_or_od_od_o$	r_o
	140	97111	10	$d_od_od_or_o$	jp
	171	97110	10	+	r_o
	091	91121	10	+	$r_or_oir_o$
	005	02101	10	$ffd_or_od_or_o$	ff
	075	00101	09	+	+
	010	01091	10		
	049	01082	09	d_od_oFF	d_od_oFF
	026	92101	09	$d_or_od_od_o$	$d_od_od_or_o$
	022	96101	10	id_o	id_oir_oir
	100	01101	09	id_o	$id_orr_or_o$
	917	91101	10	ir_od_o	r_o
	980	0111	10		
	976	0111	11		
	965	0112	11		
	969	9712	12		
	962	0112	12		
	952	0312	11		
	953	0612	12		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT_T$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	29001	81307	96514	18710	863//	00809	/////	/////	00111	11028	3//02	///03
	99570	70199	29004	83027	97038	14210	884//	00117	83815	88625	0//06	11070	30805	25005
	99653	10032	29004	20612	98011	13409	15541	00003	81620	/////	0//08	10994	30301	99/02
	99471	70169	29004	83218	97036	24014	885//	00602	84820	84630	0//13	11534	30402	33003

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_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	29061	91806	92514	14710	9////	00712	/////	/////	00111	11007	30402	17803
	99569	70197	29064	62923	98022	15609	38431	00212	81816	83630	0//06	11079	30805	25005
	99656	10024	29064	60716	98021	14108	25571	00107	82625	84358	0//06	10937	30402	99/02
	99470	70168	29064	83313	97022	24014	885//	00500	83820	85630	0//13	11526	30502	33003

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. 42589

Date of Issue FRIDAY 30 JUNE 1978

Code FM 11.V

OBSERVATIONS at 12h. 29 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	82309	35596	14514	7722/	14802	85703	86706	88550
Hurn	862	82212	30586	15015	872//	14802	84704	86706	88712
Manston	797	82209	62606	14617	4832/	14000	81709	83656	88460
Gatwick	776	82108	57616	15015	6732/	14802	85706	84711	88459
Kew	775	82107	62636	14515	6742/	14400	86710	88550	
Heathrow	772	82108	62616	14316	853//	14701	82709	85712	88650
Honington	586	82210	56616	13115	4732/	14602	82708	83710	88458
Wattisham	590	82310	57616	13615	6532/	14400	82709	86613	88557
Gorleston	497	82112	58026	12818	855//	13802	88625		
Aberporth	502	72610	75016	14414	754//	12001	83712	86640	
Filton	628	82707	63506	14415	854//	14000	87712	88625	
Rhoose	715	72911	68016	14515	58431	13303	83811	84656	87075
Hartland Point	703	82910	63036	15913	884//	13208	82810	88612	
Mount Batten	827	72410	65216	15515	783//	14002	82707	83814	85625
St.Mawgan	817	72811	70016	16414	760//	12209	81701	85702	86708
Scilly	804	72711	81026	17915	755//	13208	87625		
Culdrose	809	83113	62506	16914	853//	14108	82708	88620	
Guernsey	894	82414	56105	17813	860//	13205	85701	87702	
Elmdon	534	82408	62216	13115	854//	13601	83700	84618	88622
Cardington	559	82410	56616	13416	5852/	14501	84820	84630	88459
Wittering	462	82611	63616	12915	7842/	14500	83810	86622	88540
Watnall	354	82807	56636	12914	852//	13301	86705	88625	
Shawbury	414	72510	80216	13015	5847/	12302	81816	85650	87359
Finningley	360	82809	65606	11817	884//	13701	83816	84640	88656
Spurn Point	396	80000	40618	12015	874//	13203	88715		
Leeming	257	82607	62636	11415	6842/	12203	83812	86657	88460
Tynemouth	262	72706	80028	10816	4357/	09400	84925	87358	
Carlisle	222	82607	75218	11214	6847/	11303	81710	83818	85645
Valley	302	82209	62026	13213	852//	12801	81703	83715	88620
Ringway	334	83009	50616	12814	852//	12304	82705	86707	88640
Squires Gate	318	82808	56586	12812	852//	11204	84703	87707	88620
Ronaldsway	204	72108	65016	12112	751//	11000	81702	84704	87650
Mull of Galloway	131	72408	80022	12013	785//	12203	83820	84630	
Eskdalemuir	162	82309	80216	10812	885//	09301	85820	88645	
Prestwick	135	82507	60506	11212	852//	11400	82704	84706	86645
Abbotsinch	140	82207	68606	10512	7842/	10303	81711	85617	87635
Leuchars	171	70809	86022	09115	585/2	09201	83824	84635	86070
Dyce	091	73404	82036	09215	7843/	10205	83815	85622	87645
Lerwick	005	72112	80032	09011	753//	10211	81706	86709	87620
Wick	075	70802	80206	09113	6843/	11207	82715	83622	86630
Sule Skerry	010	72906	81025	08711	764//	10215	87715		
Cape Wrath	049	92311	01505	09410	9////	09211	89/00		
Stornoway	026	82410	65158	09613	884//	11310	86816	88625	
Benbecula	022	82803	75616	09811	6537/	10207	82709	85620	88465
Tiree	100	81706	57606	09911	852//	11301	83703	85615	88630
Aldergrove	917	72407	70152	10915	784//	10804	82816	84820	87632
Malin	980	72714	75506	10713	7833/	13500	85709	83713	87359
Belmullet	976	72916	80028	14514	5343/	10209	81718	84820	82920
Birr	965	72709	75036	14313	785//	10307	84820	87634	
Dublin	969	72408	84258	12016	735//	12807	85820	81920	85640
Shannon	962	73117	82808	15714	735//	10210	85820	81920	83645
Roches Point	952	62920	82018	15615	585/2	09205	85820	83074	
Valentia	953	73314	70808	18212	734//	11210	82711	87920	

OBSERVATIONS at 18h. 29 June 1978

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Boscombe Down	746	72813	82026	13816	38552	12501	82820	86362	
Hurn	862	73108	75216	14316	3243/	15703	81710	83818	87360
Manston	797	82213	59216	13914	863//	13608	81706	88708	
Gatwick	776	82110	58586	13915	853//	14608	83707	86709	88656
Kew	775	72105	62216	13216	754//	15607	85712	87625	
Heathrow	772	72206	65216	12917	785//	15608	83820	87650	
Honington	586	83307	30958	12015	7942/	13509	87914	88458	
Wattisham	590	72209	70216	12515	783//	13708	81707	87650	
Gorleston	497	82005	58258	12316	835//	14704	88925		
Aberporth	502	72513	80212	14413	784//	11500	83814	86635	
Filton	628	72713	80025	14215	31532	12501	83828	87359	
Rhoose	715	72612	75012	14414	783//	12603	81708	83710	87628
Hartland Point	703	82815	66022	15513	7623/	13605	87705		
Mount Batten	827	72815	81022	16015	784//	11501	82818	87625	
St.Mawgan	817	72813	70022	16613	783//	12501	84806	87625	
Scilly	804	53018	80022	18314	28502	11202	82822	85075	
Culdrose	809	63018	65015	17014	48421	12704	81810	83630	
Guernsey	894	72716	80025	17213	753//	12503	81706	87620	
Elmdon	534	72609	75028	12217	48532	11604	81822	83645	87070
Cardington	559	72607	77158	12217	68538	13505	81820	84825	
Wittering	462	72908	75026	12216	38432	12503	81818	83650	86075
Watnall	354	72402	62216	12614	5847/	13603	81814	85622	87359
Shawbury	414	72714	80158	12115	58478	11603	81818	85650	86359
Finningley	360	72507	60216	11615	6857/	12702	82820	83626	87362
Spurn Point	396	82811	25606	11714	874//	14504	88710		
Leeming	257	82710	82026	10915	885//	09704	83828	88638	
Tynemouth	262	73206	69026	10715	4257/	10602	84825	87358	
Carlisle	222	72706	80016	11113	785//	11202	82822	87645	
Valley	302	83007	75216	12914	6547/	11702	81715	86630	88359
Ringway	334	82606	30816	12214	882//	13504	81704	83707	86815
Squires Gate	318	82807	62616	12013	884//	13706	83710	84625	88645
Ronaldsway	204	72708	81026	11613	783//	10501	81707	83632	87650
Mull of Galloway	131	83214	74606	11312	885//	12803	82820	88625	
Eskdalemuir	162	82405	58616	11212	883//	10302	83708	84816	88630
Prestwick	135	72709	63215	11212	752//	11301	81703	83620	87650
Abbotsinch	140	73106	70256	10515	7836/	11500	81706	83816	86650
Leuchars	171	82906	70606	09914	854//	11302	82618	85630	88656
Dyce	091	81803	58518	10512	853//	11308	81708	85624	86635
Lerwick	005	72505	65028	10511	783//	10209	85706	87812	
Wick	075	73306	75028	11111	754//	10210	82712	87628	
Sule Skerry	010	72909	81032	10710	755//	08207	87620		
Cape Wrath	049	82308	82025	11310	854//	07209	88615		
Stornoway	026	73210	80028	12011	6553/	08214	83624	86640	
Benbecula	022	73311	80026	12212	784//	11213	84710	85618	
Tiree	100	73507	64216	12012	750//	11315	81701	85705	87612
Aldergrove	917	73206	70258	12212	5933/	10008	81707	83916	85360
Malin	980	73319	80256	12412	7843/	11312	83712	85817	86645
Belmullet	976	63017	78258	16711	634//	10211	81718	84920	
Birr	965	73014	80018	15213	725//	07203	87820		
Dublin	969	72710	70808	13212	734//	10307	85819	82919	87533
Shannon	962	53221	82258	17114	4853/	10307	83825	83645	
Roches Point	952	73025	80808	16714	785//	09206	85820	87640	
Valentia	953	73213	82018	19713	785//	08206	82820	86638	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Boscombe Down	746	08171	008	$rr_or_Rdrir_or$	+
Hurn	862	03171	003	$r_or_od_or_o$	$r_or_Rd_or_o$
Manston	797	02171	002	$r_oir_or_or$	$rr_or_or_o$
Gatwick	776	02161	002	$d_or_or_or_or$	$d_or_or_or_o$
Kew	775	09161	000	r_or_oRr-rr	Rr_or
Heathrow	772	06171	001	r_or_odr	$d_o-r_orpr_o$
Honington	586	13171	002	r_oir_orrR	$pr_otl_oRr_or_o$
Wattisham	590	08161	003	r_or_orr	$r_or_orrpr_oprpR$
Gorleston	497		002		
Aberporth	502	97161	012	+	ir_o
Filton	628	01191	015	$d_odrr_odrd_o$	+
Rhoose	715	93170	030	$r_od_or_oir_o$	+
Hartland Point	703	97141	003		
Mount Batten	827	91171	004	r_od_o	pr_o
St.Mawgan	817	01151	005	ddff	+
Scilly	804	00150	036	+	+
Culdrose	809	01150	013	$fd_od_oid_o$	id_o
Guernsey	894	97141	000	$d_od_oFFid_ofF$	id_o
Elmdon	534	01181	011	$r_or_orr_or_opr_o$	+
Cardington	559	03191	005	$r_or_oRr_or_o$	pr_o
Wittering	462	01171	001	$r_or_orr_o$	+
Watnall	354	04151	000	r_or_oR	r_or
Shawbury	414	97170	002	$r_or_opr_o$	pr_o
Finningley	360	94171	001	$r_or_oir_or_or_o$	$r_or_oir_o$
Spurn Point	396			$pr_or_or_orr$	$r_or_oir_o$
Leeming	257	01161	002	r_or_or	r_o
Tynemouth	262	91171	006	ir_o	+
Carlisle	222	97151	000	$r_or_oir_o$	+
Valley	302	01151	006	id_oir_o	ir_o
Ringway	334	03141	000	$rr_or_od_or_od_or_o$	pr_oprr
Squires Gate	318	93141	002	$ir_or_or_od_or_oR$	r_or_o
Ronaldsway	204	92151	006	ir_o	r_o
Mull of Galloway	131	02141			
Eskdalemuir	162	04141	000	$r_od_or_o$	$d_or_odrr_or_or$
Prestwick	135	93141	003	$r_od_od_o$	$d_or_or_o$
Abbotsinch	140	01151	008	$d_or_or_or_o$	r_orpr_o
Leuchars	171	01161	005	r_oir_o	ir_o
Dyce	091	93151	001	pr_o	$d_od_or_o$
Lerwick	005	97131	017	+	pr_o
Wick	075	01131	000	$ir_od_od_opr_o$	$d_or_oir_o$
Sule Skerry	010	00120			
Cape Wrath	049	97101	000	id_oFF	id_o
Stornoway	026	95141	002	pr_o	pr_o
Benbecula	022	96131	003	$rr_or_oir_o$	id_o
Tiree	100	02121	004	ir_o	DRdr
Aldergrove	917	05171	026	$prpr_o$	pr_opr
Malin	980	0414	008		
Belmullet	976	9615	042		
Birr	965	0115	008		
Dublin	969	0317	020		
Shannon	962	9216	050		
Roches Point	952	9716	038		
Valentia	953	9115	033		

Code FM 21.V

OCEAN WEATHER STATION REPORTS at 12h.

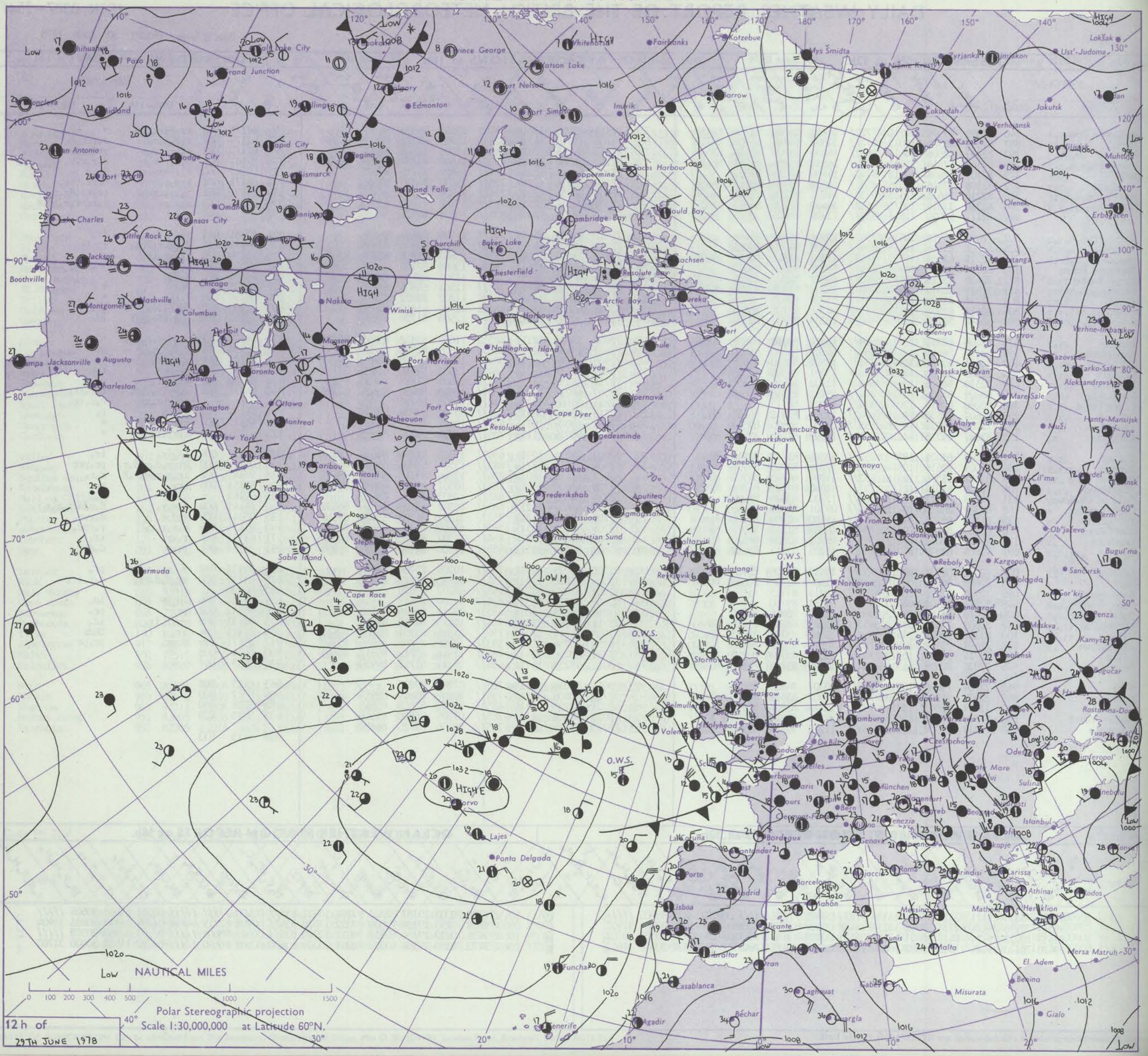
O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	29121	92210	93455	14110	9////	00801	/////	/////	00010	11012	30503	/////
	99569	70196	29124	62711	98012	18210	28438	00207	82817	85272	0//07	11081	30904	31905
	99657	10022	29124	70417	98031	13608	35431	00703	83610	85359	0//05	10932	30503	99/02
	99470	70170	29124	73312	98032	26014	785//	00308	81820	87640	0//10	11537	30000	31603

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$1T_wT_wT_wT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	29181	82311	97104	14311	855//	00400	/////	/////	00311	11005	30604	/////
	99569	70195	29184	72010	98212	17610	5547/	00708	82715	84656	0//09	11117	30803	31904
	99656	10015	29184	80117	98022	12708	853//	00807	88609	/////	0//07	10985	30503	/////
	99470	70169	29184	63207	98011	26314	65600	00602	86640	/////	0//10	11555	30000	31702

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

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Low
HIGH
Edmonton
Calgary
Regina
Winnipeg
Churchill
Baker Lake
Resolute Bay
Inuvik
Barrow
Kotzebue
Fairbanks
Whitehorse
Watson Lake
Fort Nelson
Prince George
Grand Junction
Salt Lake City
Rapid City
Bismarck
Minot
Omaha
Kansas City
Minneapolis
Chicago
Nakina
Winisk
Moosonee
Detroit
Columbus
Nashville
Pittsburgh
Toronto
Ottawa
Montreal
Washington
New York
Norfolk
Charleston
Augusta
Jacksonville
Tampa
Jackson
Boothville
Lake Charles
Little Rock
San Antonio
Midland
El Paso
Chihuahua
Monclova
Fort Worth
Oklahoma City
Albuquerque
Denver
Cheyenne
Billings
Great Falls
Havre
Medicine Hat
Lethbridge
Saskatoon
Prince Albert
Thompson
Churchill
Chesterfield
Nottingham Island
Port Harrison
Cape Dyer
Resolution
Fort Chimo
Wakeham Bay
Lake Harbour
Arctic Bay
Cambridge Bay
Coppermine
Sachs Harbour
Gould Bay
Eureka
Alert
Hall Beach
Clyde
Pond Inlet
Lerwick
Stornoway
Belmullet
Valentia
Holyhead
Shannon
Scilly
Brest
Cherbourg
Paris
Tours
Clermont-Ferrand
Bordeaux
Biarritz
Santander
La Coruña
Porto
Lisboa
Madrid
Barcelona
Palma de Mallorca
Alicante
Gibraltar
Oran
Casablanca
Agadir
Tenerife
Funchal
Ponta Delgada
Lajes
Bermuda
Sable Island
Yarmouth
Gander
Cape Race
Stephenville
Goose
Anticosti
Caribou
Thule
Godthab
Frederikshab
Julianehaab
Egedesminde
Jakobshavn
Aputiteq
Prins Christian Sund
Reykjavik
Keflavik
Vestmannaeyjar
Jan Mayen
Kap Tobin
Ivigtut
Narsarssuaq
Narsarmarssuk
Sondrestrom
Danmarkshavn
Barencburg
Hopen
Bjornoya
Tromso
Vardo
Kirkenes
Murmansk
Arkhangel'sk
Nar'jan-Mar
Ukhta
Pechora
Vorkuta
Salekhard
Dikson
Jeniseja
Ostrov Kotel'nyj
Ostrov Bol'shoj Ljachovskij
Tiksi
Kjusjur
Olenek
Tuora-Sis
Ust'-Judoma
Lokšak
Nižnie Kresty
Tyrjanka
Jumjakon
Jakutsk
Verhojansk
Kazačje
Okhotsk
Magadan
Petropavlovsk-Kamchatskij
Ostrov Beringa
Ostrov Mednyj
Ostrov Atka
Ostrov Adak
Ostrov Attu
Mys Šmidta
Ostrov Vrangelja
Ostrov Kotel'nyj
Ostrov Bol'shoj Ljachovskij

18h of 29 JUNE 1978

00h of 30 JUNE 1978

06h of 30 JUNE 1978

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

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday FRIDAY 30 JUNE 1978

During the past 24 hours a depression to the north of Scotland became almost stationary and a shallow low which formed over eastern Scotland moved slowly east as an associated frontal trough moved southeast over the British Isles.

During the next 24 hours the depressions to the north of Scotland and over the North Sea are expected to move slowly east whilst a low over the North Atlantic moves steadily eastwards towards Scotland and associated frontal troughs move into western districts of the British Isles.

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

Code FM 11.V — OBSERVATIONS at 00h. 30 June 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	72710	75022	15212	757//	10001	87650		
Hurn	862	52606	70016	15713	55600	11001	85647		
Manston	797	82211	57106	14013	853//	13803	82706	88645	
Gatwick	776	62208	58106	14813	65600	12801	83630	85650	
Kew									
Heathrow	772	32207	65018	14213	15630	11201	81640	83362	
Honington	586	82002	20119	12413	855//	13802	84628	88657	
Wattisham	590	82207	35108	12913	852//	13805	85705	88633	
Gorleston	497	82206	58606	12614	2152/	13802	82820	88458	
Aberporth	502	73014	80016	16511	754//	10212	82618	87637	
Filton	628	72708	62041	15413	755//	11205	83625	86645	
Rhoose	715	62910	68031	15312	657//	10104	86650		
Hartland Point	703	73105	88012	17613	7854/	09109	81825	86638	
Mount Batten	827	72911	75028	17613	756//	11207	87647		
St.Mawgan	817	63013	80012	18413	684//	10109	81812	86630	
Scilly	804	23113	82011	20013	25500	11107	82625		
Culdrose	809	53112	70031	19212	553//	10208	81708	85620	
Guernsey	894	32714	81011	18511	36200	10601	82704		
Elmdon	534	72707	65618	13812	5547/	11307	82711	84618	87358
Cardington	559	72408	62132	13213	795//	12400	82920	85633	87650
Wittering	462	82507	50919	12613	4577/	12804	84650	85360	88462
Watnall	354	83007	59626	13212	7542/	11000	83615	87630	88460
Shawbury	414	62908	75218	13911	25532	10111	81625	83360	86070
Finningley	360	82807	37656	12412	884//	12202	82818	88650	
Spurn Point	396	72203	50106	12113	7097/	12702	87360		
Leeming	257	72902	70022	11913	756//	11105	87630		
Tynemouth	262	73205	69022	12412	7097/	10207	87358		
Carlisle	222	72703	68252	12712	784//	11311	82710	83822	87637
Valley	302	72912	80026	15311	784//	10210	85814	87635	
Ringway	334	82808	20638	13412	852//	11107	85704	88625	
Squires Gate	318	83114	65618	13512	854//	11109	86710	88622	
Ronaldsway	204	63107	80012	14411	3843/	09115	81710	86358	
Mull of Galloway	131	83420	82038	14210	6552/	10215	86625	88458	
Eskdalemuir	162	70000	50106	13010	783//	09111	84706	87625	
Prestwick	135	73107	65256	13611	783//	11213	81708	83630	85645
Abbotsinch	140	72805	75258	13112	754//	11213	81714	84635	87645
Leuchars	171	80205	57026	12811	852//	10213	83703	85711	88630
Dyce	091	80102	40106	13011	862//	11111	82703	85705	88709
Lerwick	005	82506	80022	12409	852//	08209	83705	88625	
Wick	075	83207	80026	13609	855//	07211	85720	88628	
Sule Skerry	010	82710	66152	13509	864//	09215	88715		
Cape Wrath	049	72710	70142	14109	753//	07209	83709	87615	
Stornoway	026	82704	70032	15209	854//	09214	83616	88625	
Benbecula	022	73112	86025	15810	785//	06214	87620		
Tiree	100	73315	80031	15910	754//	08222	86616	87640	
Aldergrove	917	73313	65258	15811	782//	10220	81705	84707	87816
Malin	980	83213	70258	16411	864//	10219	85715	87640	
Belmullet	976	73010	75038	19710	784//	09213	81717	87640	
Birr	965	62909	75028	19110	35602	09117	83632	84070	
Dublin	969	42910	80018	16211	25430	09112	81717	83359	
Shannon	962	63209	80028	20311	685//	09315	81820	85640	
Roches Point	952	42913	75018	20511	36401	09115	82717		
Valentia	953	83309	80012	22312	785//	08111	83820	87638	

OBSERVATIONS at 06h. 30 June 1978

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
746	62807	82026	16111	656//	09311	86645		
862	13009	75011	16512	18400	10310	81815		
797	82507	62032	14113	854//	11304	84711	88650	
776	72807	64256	15312	784//	10306	81812	83616	86645
775	62906	70216	15113	654//	10307	82712	85650	
772	52807	66018	15013	58400	11310	81713	84650	
586	62611	58038	13011	682//	10306	82705	85640	
590	72912	65029	13211	783//	10304	86707		
497	62404	58219	12113	4648/	12104	84715	84358	
502	73222	70036	17911	754//	09210	82714	85618	87640
628	72913	81602	16512	784//	09307	81816	87632	
715	73108	68028	17211	784//	09309	82812	87650	
703	43318	69011	18912	22530	09207	82820	83360	
827	23211	65025	18813	18342	09309	81709		
817	63211	82021	19811	52432	08309	85812	84072	
804	53314	80021	21012	38402	09204	83818	85075	
809	63411	75018	20112	28402	09207	82814	86072	
894	43112	80011	18812	38202	11306	81705	83650	
534	72809	63216	14811	784//	09307	82810	85625	86640
559	62811	70018	14111	685//	10309	82825	84640	86650
462	82911	57629	13411	6632/	10209	86708	88459	
354	82705	56106	13911	853//	10207	85707	88616	
414	72809	80608	15311	6543/	10309	86615		
360	83108	25646	13012	4522/	11310	82705	83621	88556
396	82910	30516	12112	8072/	12303	88450		
257	73308	62022	13413	754//	11314	83712	87630	
262	73510	69216	13511	4557/	11309	84620	87358	
222	72803	64022	14112	785//	11311	81820	85630	87650
302	73215	75026	17212	754//	10313	83710	87622	
334	83008	45636	14612	852//	11211	83703	87705	88615
318	63314	72016	15012	58341	11312	83706		
204	73217	80022	16211	783/2	09210	82706	85708	
131	63420	80031	16410	685//	10215	81820	86625	
162	73406	70028	14411	784//	10210	83712	86820	85635
135	73316	75022	15711	6843/	08213	81710	83630	86645
140	72907	82022	14912	784//	09211	81712	84628	85612
171	72802	62025	14712	6537R	10210	82708	85620	
091	73207	70216	14710	7523/	09209	81705	83708	86616
005	72704	82022	12810	754//	06304	81710	87657	
075	82810	75035	14210	854//	08304	86710	88620	
010	82910	40205	13410	864//	09203	88710		
049	82716	58165	14109	863//	08101	88706		
026	82707	80505	15809	853//	08206	82708	85616	88625
022	82805	82032	16710	854//	08306	82712	88616	
100	73306	84022	17410	754//	08207	83617	87633	
917	73311	70018	18310	783//	08215	82707	86818	
980	72910	70258	18411	784//	09308	83818	87638	
976	52806	78012	20111	484/2	09301	81717	84640	
965	72908	81022	20811	756//	09309	87632		
969	72912	82011	18511	764//	09212	85714	85630	
962	72907	82012	21712	785//	09308	81820	87640	
952	72908	80031	21711	654/2	08311	81718	86640	
953	13307	80011	23011	11500	09307	81820		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
746	97111	08	r_o	r_o
862	97111	09	r_o	+
797	94131	11	rr_o	pr_o
776	97111	10	+	pr_o
775	97121	10	+	r_o
772	97121	11	+	pr_o
586	92111	10	$r_or_olpr_o$	r_o
590	03111	10	prtlr	r_opr_o
497				
502	91100	10	ir_o	ir_o
628	97121	10	+	r_o
715	97090	07	pr_o	+
703	00120	11		
827	97121	10	id_o	jp
817	00111	09	+	+
804	00110	10	+	+
809	97111	09	+	pr_o
894	00110	09	+	+
534	01101	08	pr_oprrr_o	$r_orr_od_or_o$
559	97111	10	lpr_o	pr_oir_o
462	01101	09	tlRrr$_o$	rRr_or_o
354	06101	10	rr_oir_oRrr	$rrr_opr_or_o$
414	04101	08	$pr_or_orRr_or_o$	$r_or_opr_o$
360	05111	11	$r_ord_or_o-r_or_oR$	r_oRrpr_o
396			+	ir_orrd_o
257	97121	11	+	pr_o
262	06111	11	rrd_od_o	d_od_orr
222	97111	10	pr_o	+
302	92111	09	r_o	d_o
334	06111	10	$irrrdrr_o$	$r_or_orr_opr_o$
318	01121	11	$pr_oprr_or_o$	r_o
204	00101	09	+	+
131	97091			
162	97091	07	pr_of	fpr_o
135	97101	09	pr_o	+
140	92111	10	pr_o	+
171	97111	11	ir_o	d_o
091	01091	09	r_odr	rd_o-r_o
005	00080	06	+	+
075	97081	07	id_o	id_opr_o
010	97091	09		
049	92082	08	FFdd	$ddid_o$
026	97091	08	d_o	d_o
022	00091	09	+	+
100	97091	09	+	id_o
917	96091	09	pr_o	d_opr_o
980	0110	09		
976	9410	08		
965	9510	08		
969	9710	09		
962	9711	08		
952	9710	08		
953	0009	05		

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

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30001	82213	97022	15512	855//	00202	/////	/////	00412	11040	3//05	///06
	99569	70194	30004	82120	97616	15110	3737/	00816	82708	86346	0//08	11072	30803	30903
	99655	10015	30004	83615	97216	11508	852//	00706	86705	88612	0//08	10967	30402	06603
	99470	70171	30004	83006	98032	27713	856//	00012	88640	/////	0//11	11567	30000	32802

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$99L_aL_aL_a$	$Q_cL_oL_oL_o$	YYGGiw	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$ITwTwTwTT$	$3P_wP_wH_wH_w$	$d_wd_wP_wH_wH_w$
CLMR	99527	70355	30061	82112	96284	13712	864//	00706	/////	/////	00412	11020	30705	23106
	99569	70202	30064	82225	96616	10411	872//	00614	83703	88707	0//11	11122	30804	25803
	99654	10013	30064	20408	97014	10909	25531	00400	82630	/////	0//09	10968	30301	03603
	99470	70171	30064	82210	98021	26114	856//	00709	88640	/////	0//12	11552	30000	32802

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