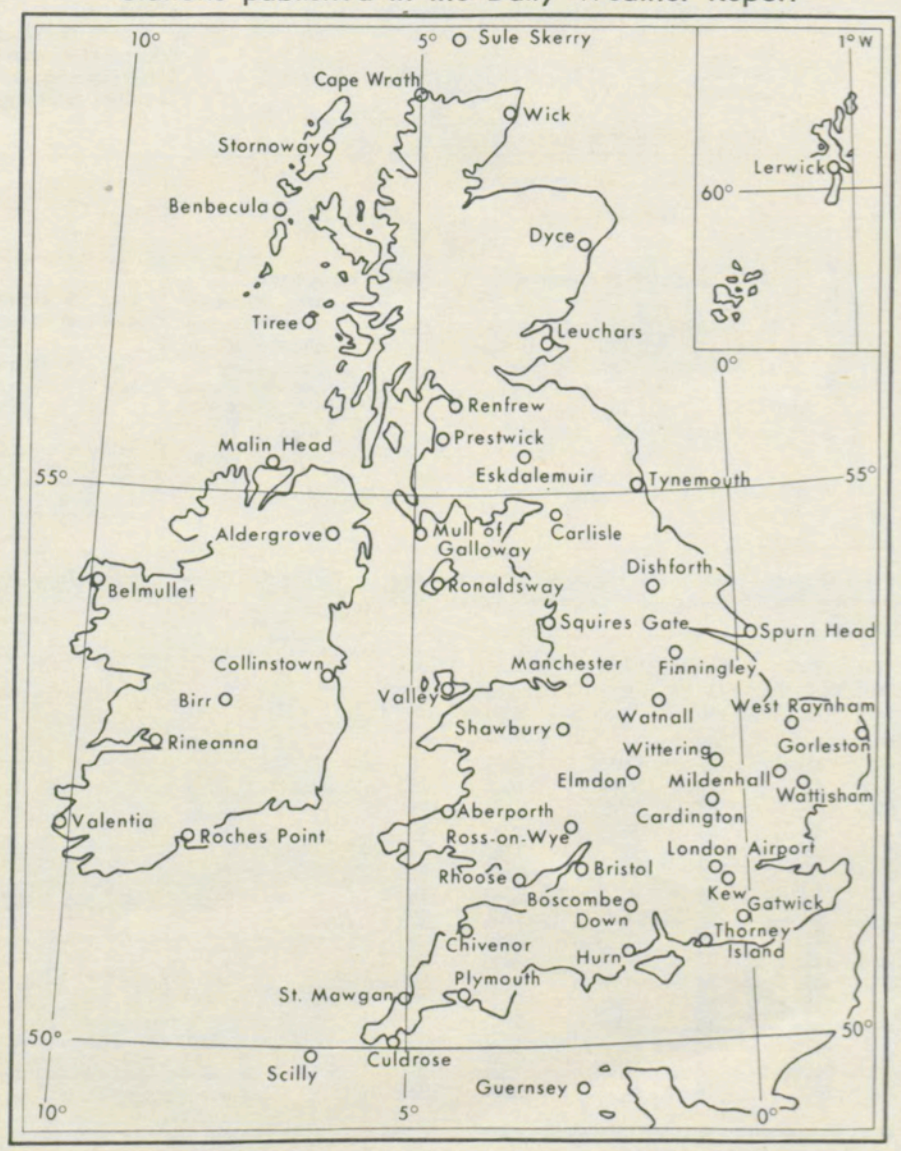
THE DAILY WEATHER REPORT

(INTRODUCTION)

1st January to 31st March, 1963

Stations published in the Daily Weather Report



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1. HISTORY

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

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 19), mainly describing precipitation, are given for each of the four six-hourly periods, together with reports of maximum and minimum temperature, sunshine, rainfall and state of ground (Table 13), in respect of the land stations listed. Explanations of the codes and specifications used are given below.

(ii) **Charts.**—Page 2 contains a chart of the weather in a large part of the northern hemisphere for mid-day of the previous day. Incorporated in this chart is a line joining the approximate locations of civil twilight (i.e., Sun 6° below horizon) at 1200 h. G.M.T. for the mid point of the month indicated. Page 3 contains charts of slightly larger scale, for the British Isles and Western Europe, for 1800 h. of the previous day and for 0000 h. and 0600 h. on the day of issue.

(iii) **General Synoptic Development, Forecast and Outlook.**—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 during the succeeding 24 hours. On the right of this statement is a forecast of the weather expected during a period of 24 hours from noon on the day of issue, followed by an outlook for a further period, the duration of which is normally 24 hours but may be longer in certain weather situations.

3. NOTES

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

(ii) **Rainfall.**—Tr. : = There has been precipitation, but amount less than 0·05 mm.

(iii) **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.

(iv) **Dew Point.**—The values of Dew Point are derived from the original readings of dry-bulb and wet-bulb temperature and are correct to 1° C. Prior to 1st January, 1949, values below 0° C. gave the "Hoar Frost Point" that is to say, the temperature for which the actual vapour pressure is equal to the saturation pressure over ice. Since January, 1949, the true Dew Point and not the Hoar Frost Point has been included in synoptic reports in circumstances where the actual vapour pressure is lower than the saturated water vapour pressure of 0° C.

(v) **Altitudes of stations.**—The altitudes of British stations are given below. These refer in each case to the datum level of the ground beneath or nearly beneath the thermometer screen.

	ft.		ft.		ft.		ft.
Kew	18	Bristol	192	Carlisle	86	Sule Skerry ...	43
Gatwick	196	Aberporth ...	376	Watnall	385	Lerwick	269
London Airport ...	82	Cardiff (Rhoose) ...	220	Spurn Head ...	29	Stornoway ...	10
Thorney Island ...	10	Plymouth	87	Finningley... ...	34	Benbecula... ...	22
Hurn	36	Chivenor	20	Dishforth	105	Tiree	32
Guernsey	340	St. Mawgan ...	337	Tynemouth ...	95	Aldergrove ...	217
Wattisham ...	292	Culdrose	268	Eskdalemuir ...	785	Malin Head ...	83
Gorleston... ...	5	Scilly	158	Mull of Galloway...	257	Belmullet	29
Mildenhall ...	15	Elmdon	319	Prestwick ...	33	Birr	231
Cardington ...	93	Shawbury ...	235	Renfrew	29	Collinstown ...	222
West Raynham ...	250	Manchester ...	251	Leuchars	35	Rineanna	15
Wittering... ...	216	Squires Gate ...	36	Dyce	193	Roches Point ...	131
Boscombe Down...	414	Valley	26	Wick	119	Valentia	29
Ross on Wye ...	223	Ronaldsway ...	58	Cape Wrath ...	346		

(vi) **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).

4. EXPLANATION OF CODES AND SPECIFICATIONS

CODE FM 11A—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.	N_h = Amount of cloud the height of which is given by h (Table 1). C_L = Form of low cloud (Table 6). h = Height above ground of base of 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 18) (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) (09h–21h) (21h–09h).

CODE FM 21A—Ships

YQ$L_aL_aL_a$	$L_oL_oL_oGG$	Followed by first four groups as in FM 11A above.	D_s v_s a pp	O T_sT_s T_dT_d	I d_wd_w P_w H_w
Y = Day of the week. Q = Octant of the Globe (0 = west, 3 = east). $L_aL_aL_a$ = Latitude in degrees and tenths.	$L_oL_oL_o$ = Longitude in degrees and tenths. GG = Actual time to the nearest whole hour G.M.T.		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 degrees 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.	I = Indicator figure. d_wd_w = Direction of waves to tens of degrees (Table 2). P_w = Period of waves (Table 16). H_w = Mean maximum height of waves (Table 17). When it is possible to make a clear distinction between sea and swell two I d_wd_w P_w H_w groups are reported. The first relates to wind waves, the second to waves of the predominant swell system. In the case of "no sea" with or without swell the first group is reported as 100 + 0.

Table 1.—Code for Cloud Amount (N, N_h, N_s) (Code 2700)

0 = None.

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

2 = 2 eighths of sky covered.

3 = 3 eighths of sky covered.

4 = 4 eighths of sky covered.

5 = 5 eighths of sky covered.

6 = 6 eighths of sky covered.

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

8 = 8 eighths (sky completely covered).

9 = Sky obscured or cloud amount cannot be estimated.

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

Table 2.—Degrees and Code Figures (dd and d_wd_w) corresponding to compass directions (Codes 0877 and 0885)

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

Waves confused, direction indeterminate (waves equal to or less than 4¾ metres) 49

Variable, direction indeterminate (waves greater then 4¾ metres) 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
					MILES					
5	3⅛	*	*	*	*	*	3¾	†	5	
6	6¼		7½		8¾		10		11¼	
7	12½		13¾		15		16¼		17½	
8	18¾		25		31¼		37½		43¾	Over 43¾
		YARDS								
9‡	<55	55	220	550	1,100	2,200	2½	6¼	12½	31 or over
					YARDS					
F	<11	11	22	33	44	55	66	77	88	99

In the range 01–50 the figures give actual visibility in tenths of kilometres, or half furlongs. This table gives the meanings of higher code figures. The decade F.0—F.9 is used, in this publication only, to give visibilities of less than 110 yards.

† 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.

5 = Drizzle.

6 = Rain.

7 = Snow, or rain and snow mixed.

8 = Shower(s)

9 = Thunderstorm(s) with or without precipitation.

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

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

00–19 No precipitation at the station at the time of observation.

- 00 Cloud development not observed. } Characteristic change of the state of the sky during the past hour.
- 01 Clouds generally dissolving or becoming less developed. } Characteristic change of the state of the sky during the past hour.
- 02 State of sky on the whole unchanged. } Characteristic change of the state of the sky during the past hour.
- 03 Clouds generally forming or developing. } Characteristic change of the state of the sky during the past hour.
- 04 Visibility reduced by smoke, e.g., veldt or forest fire, industrial smoke or volcanic ashes.
- 05 Haze
- 06 Widespread dust in suspension in the air, not raised by wind at or near the station at the time of observation
- 07 Dust or sand raised by wind at or near the station at the time of observation, but no well-developed dust whirl(s) or sand whirl(s), and no duststorm or sandstorm seen.
- 08 Well developed dust whirl(s) or sand whirl(s) seen at or near the station within the last hour, but no duststorm or sandstorm.
- 09 Duststorm or sandstorm within sight of the station or at the station during the last hour.
- 10 Mist.
- 11 Shallow fog or ice fog, in patches. } Fog not deeper than about 2 metres on land or 10 metres at sea.
- 12 Shallow fog or ice fog, more or less continuous. } Fog not deeper than about 2 metres on land or 10 metres at sea.
- 13 Lightning visible, no thunder heard.
- 14 Precipitation within sight, not reaching the ground or the surface of the sea.
- 15 Precipitation within sight, reaching the ground or the surface of the sea but distant (estimated to be more than 5 km.) from the station.
- 16 Precipitation within sight reaching the ground or the surface of the sea near to but not at the station.
- 17 Thunder heard but no precipitation at time of observation.
- 18 Squalls. } during the past hour.
- 19 Funnel cloud(s)† } during the past hour.

20–29 Precipitation, fog or thunderstorm at station in past hour but not at time of observation.

- 20 Drizzle (not freezing), or snow grains. } Not falling as shower(s).
- 21 Rain (not freezing). } Not falling as shower(s).
- 22 Snow. } Not falling as shower(s).
- 23 Rain and snow or ice pellets type (a). } Not falling as shower(s).
- 24 Freezing drizzle or freezing rain. } Not falling as shower(s).
- 25 Shower(s) of rain.
- 26 Shower(s) of snow, or of rain and snow.
- 27 Shower(s) of hail, or of hail and rain.
- 28 Fog or ice fog.
- 29 Thunderstorm (with or without precipitation).

30–39 Duststorms, Sandstorms, drifting or blowing snow.

- 30 Slight or moderate duststorm or sandstorm. has decreased during preceding hour.
- 31 Slight or moderate duststorm or sandstorm. no appreciable change during preceding hour.
- 32 Slight or moderate duststorm or sandstorm. has 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 increased during preceding hour.
- 36 Slight or moderate drifting snow. } generally low.
- 37 Heavy drifting snow. } generally low.
- 38 Slight or moderate blowing snow. } generally high.
- 39 Heavy blowing snow. } generally high.

40–49 Fog or ice fog at time of observation.

- 40 Fog or ice fog at a distance at the time of observation, but not at the station during the last hour, the fog or ice fog extending to a level above that of the observer.
- 41 Fog or ice fog in patches.
- 42 Fog or ice fog, sky discernible. } has become thinner during the preceding hour.
- 43 Fog or ice fog, sky not discernible. } has become thinner during the preceding hour.
- 44 Fog or ice fog, sky discernible. } no appreciable change during the preceding hour.
- 45 Fog or ice fog, sky not discernible. } no appreciable change during the preceding hour.
- 46 Fog or ice fog, sky discernible. } has begun, or has become thicker during the preceding hour.
- 47 Fog or ice fog, sky not discernible. } has begun, or has become thicker during the preceding hour.
- 48 Fog, depositing rime, sky discernible.
- 49 Fog, depositing rime, sky not discernible.

50–59 Drizzle at time of observation.

- 50 Drizzle, not freezing, intermittent. } slight at time of observation.
- 51 Drizzle, not freezing, continuous. } slight at time of observation.
- 52 Drizzle, not freezing, intermittent. } moderate at time of observation.
- 53 Drizzle, not freezing, continuous. } moderate at time of observation.
- 54 Drizzle, not freezing, intermittent. } heavy (dense) at time of observation.
- 55 Drizzle, not freezing, continuous. } heavy (dense) at time of observation.
- 56 Drizzle, freezing, slight.
- 57 Drizzle, freezing, moderate or heavy (dense).
- 58 Drizzle and rain, slight.
- 59 Drizzle and rain, moderate or heavy.

60–69 Rain at time of observation.

- 60 Rain, not freezing, intermittent. } slight at time of observation.
- 61 Rain, not freezing, continuous. } slight at time of observation.
- 62 Rain, not freezing, intermittent. } moderate at time of observation.
- 63 Rain, not freezing, continuous. } moderate at time of observation.
- 64 Rain, not freezing, intermittent. } heavy at time of observation.
- 65 Rain, not freezing, continuous. } heavy at time of observation.
- 66 Rain, freezing, slight.
- 67 Rain, freezing, moderate or heavy.
- 68 Rain or drizzle, and snow, slight.
- 69 Rain or drizzle and snow, moderate or heavy.

70–79 Solid precipitation not in showers.

- 70 Intermittent fall of snow flakes. } slight at time of observation.
- 71 Continuous fall of snow flakes. } slight at time of observation.
- 72 Intermittent fall of snow flakes. } moderate at time of observation.
- 73 Continuous fall of snow flakes. } moderate at time of observation.
- 74 Intermittent fall of snow flakes. } heavy at time of observation.
- 75 Continuous fall of snow flakes. } heavy at time of observation.
- 76 Ice prisms (with or without fog).
- 77 Snow grains (with or without fog).
- 78 Isolated starlike snow crystals (with or without fog).
- 79 Ice pellets type (a).

80–90 Showery precipitation

- 80 Rain shower(s), slight.
- 81 Rain shower(s), moderate or heavy.
- 82 Rain shower(s), violent.
- 83 Shower(s) of rain and snow, slight.
- 84 Shower(s) of rain and snow, moderate or heavy.
- 85 Snow shower(s), slight.
- 86 Snow shower(s), moderate or heavy.
- 87 Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. } slight
- 88 Shower(s), or snow pellets or ice pellets type (b) with or without rain or rain and snow mixed. } moderate or heavy.
- 89 Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. } slight.
- 90 Shower(s) of hail, with or without rain or rain and snow mixed, not associated with thunder. } moderate or heavy.

91–99 Precipitation with current or recent thunderstorm

- 91 Slight rain at time of observation. } thunderstorm during the preceding hour, but not at time of observation.
- 92 Moderate or heavy rain at time of observation. } thunderstorm during the preceding hour, but not at time of observation.
- 93 Slight snow, rain and snow mixed, or hail at time of observation. } thunderstorm during the preceding hour, but not at time of observation.
- 94 Moderate or heavy snow, rain and snow mixed or hail at time of observation. } thunderstorm during the preceding hour, but not at time of observation.
- 95 Thunderstorm, slight or moderate, without hail but with rain and/or snow at time of observation. } thunderstorm at time of observation.
- 96 Thunderstorm, slight or moderate, with hail at time of observation. } thunderstorm at time of observation.
- 97 Thunderstorm, heavy, without hail, but with rain and/or snow at time of observation. } thunderstorm at time of observation.
- 98 Thunderstorm combined with duststorm or sandstorm at time of observation. } thunderstorm at time of observation.
- 99 Thunderstorm, heavy, with hail at time of observation. } thunderstorm at time of observation.

The expression " at the station " refers to a land station or a ship.

† Tornado cloud or water spout.

* Ice pellets type (a)—Frozen raindrops or largely melted and refrozen snowflakes.

type (b)—Pellets of snow encased in a thin layer of ice.

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	feet
0	0–50	0–150
1	50–100	150–300
2	100–200	300–600
3	200–300	600–1,000
4	300–600	1,000–2,000
5	600–1,000	2,000–3,000
6	1,000–1,500	3,000–5,000
7	1,500–2,000	5,000–6,500
8	2,000–2,500	6,500–8,000
9	Above 2,500	Above 8,000
/	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. If the sky is not discernible owing to fog or other surface phenomena, figure 0 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.

When there is cloud at several levels below 8,000 ft., N_h and h refer to the lowest layer covering more than $\frac{1}{4}$ of the sky. If, however, there is no layer of more than $\frac{1}{4}$ then N_h and h refer to the lowest layer which is not exceeded by any other layer present. When the same form of cloud C_L is present at more than one level, N_h refers to the total amount of the cloud form reported for C_L at all levels, while h refers to the height of cloud form C_L at the lowest level.

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

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

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

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

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

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

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

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

Table 12.—Code for Height of Cloud (h_sh_s) (Code 1577)

Code figures 01–50 = cloud height in 100s of feet. Code figures 56–80, subtract 50 for cloud height in 1,000s of feet.

CODE FIGURES 81–89
81 = 35,000 feet
82 = 40,000 ,,
83 = 45,000 ,,
84 = 50,000 ,,
85 = 55,000 ,,
86 = 60,000 ,,
87 = 65,000 ,,
88 = 70,000 ,,
89 = above 70,000 feet

CODE FIGURES 90–99*
90 = less than 150 feet
91 = 150–300 ,,
92 = 300–600 ,,
93 = 600–1,000 ,,
94 = 1,000–2,000 ,,
95 = 2,000–3,000 ,,
96 = 3,000–5,000 ,,
97 = 5,000–6,500 ,,
98 = 6,500–8,000 ,,
99 = 8,000 feet or higher or no low 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 on ground but no snow or melting snow.
5 ... Ice, snow or melting snow covering less than one-half of ground.
6 ... Ice, snow or melting snow covering more than one-half of ground (but not completely).
7 ... Ice, snow or melting snow 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 =	1–3
2 =	4–6
3 =	7–9
4 =	10–12
5 =	13–15
6 =	16–18
7 =	19–21
8 =	22–24
9 =	>24

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

	sec.
2 =	<5
3 =	6 or 7
4 =	8 or 9
5 =	10 or 11
6 =	12 or 13
7 =	14 or 15
8 =	16 or 17
9 =	18 or 19
0 =	20 or 21
1 =	>21
/ =	Calm or period not determined.

Table 17.—Code for Mean Maximum Height of Waves (H_w) (Code 1555)

	m.	ft.	50 added to d_wd_w m.	ft.
0 =	<¼	<1	5	16
1 =	½	1½	5½	17½
2 =	1	3	6	19
3 =	1½	5	6½	21
4 =	2	6½	7	22½
5 =	2½	8	7½	24
6 =	3	9½	8	25½
7 =	3½	11	8½	27
8 =	4	13	9	29
9 =	4½	14	9½	30½
/ =	Height not determined.			

Notes :—

(i) The range of heights covered by a number is half a metre, e.g., number 3 applies to waves whose heights are between 1¼ m. and 1¾ m. (4 ft. and 5¾ ft.).

(ii) Waves whose heights are greater than 9¾ m. (31 ft.) are reported by coding H_w as 9 and adding after the code group the word WAVE and the actual height in metres or feet; e.g., Wave 40. (This additional information is not given in the Daily Weather Report due to shortage of space.)

(iii) If a wave height comes exactly midway between the heights corresponding to two code figures, the lower code figure is reported.

Table 18.—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
98	>400
99	Measurement impossible or inaccurate.

Table 19.—Explanation of Beaufort Letters (pages 1 and 4)

d = drizzle.
f = fog, visibility 220 yards. or more but less than 1,100 yards.
F = thick fog, visibility less than 220 yards.
h = hail.
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 weather symbol.

TEMPERATURE is given in degrees C., and is shown on the charts by means of figures alongside the Station circle.

CLOUD SYMBOLS

Clear sky. Sky 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.

WEATHER SYMBOLS

Rain. Drizzle. Snow. Rain and snow. Hail.
Shower. Thunderstorm. Fog. Mist.

FRONTS or boundaries between masses of air of different origin are indicated, wherever their characteristics are well pronounced, in the following way—

Warm Front on the surface.
Warm Front above the ground.
Cold Front on the surface.
Cold Front above the ground.
Stationary Front.
Axis of trough.
Occluded Front
Warm Occlusion.
Cold Occlusion.
Stationary Occlusion.
Lines of Frontogenesis.

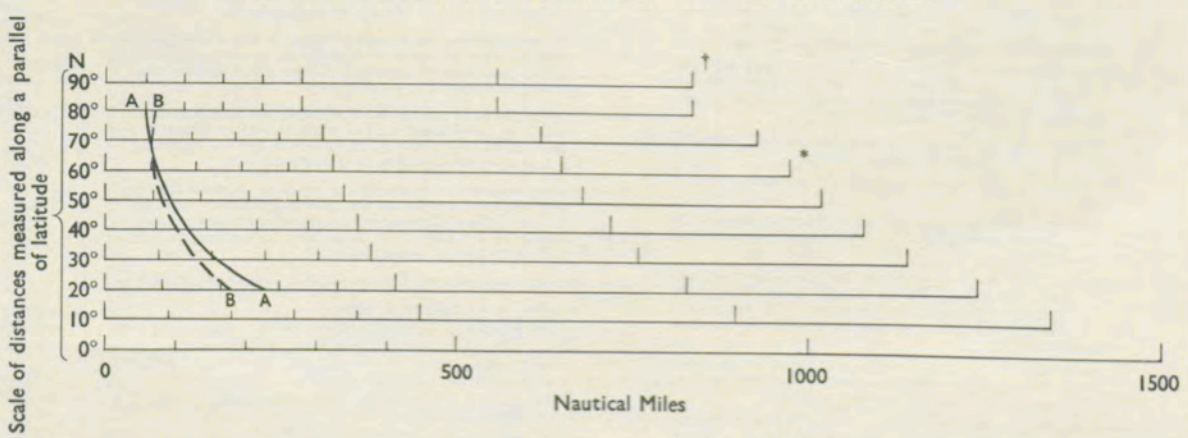
Short strokes across the frontal line indicate Frontolysis.

Note.—The symbols are placed on the side of the line towards which the front is moving. Identification letters are inserted on fronts and in systems.

N.B.—Readers of the Report who are unacquainted with the method of construction and the use of weather charts are recommended to read " The Weather Map. An introduction to Weather Forecasting " (Fourth edition Second impression 1959), which may be purchased from H.M. Stationery Office, York House, Kingsway, W.C.2, price 13s. 5d. post free.

6. COMBINED DISTANCE AND GEOSTROPHIC WIND SCALE

Equidistant azimuthal projection on the plane of 60°N. Scale 1 : 30,000,000



† Scale of distances measured along a meridian in latitude 80°–90° N.
* Scale of meridian in latitude 0°–80° N. (1 : 30,000,000).

For geostrophic wind speed of 20 knots, with surface pressure 1013·2 mb and temperature 50° F., the distance between consecutive 4 mb isobars is measured from the left hand extremity of the scale to AA for E–W motion and to BB for N–S motion.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 86

MONTHLY SUMMARY

For FEBRUARY 1963

ANOTHER COLD MONTH

Several troughs of low pressure moved southwards across Britain during the first few days, giving mainly moderate east to northeast winds, but with strong to gale northeasterlies for a time in southern England on the 3rd. A deep depression moved towards southern Ireland on the 5th and troughs moved northeast over Britain between the 5th and 8th with gales at times in the west and north. (Gust of 103 mph recorded at Isle of Man on the 6th). Another depression approached Southern Ireland on the 9th and moved past the Scilly Isles into Biscay by the 11th while its frontal system drifted north over southern England and France. A weak ridge over Scotland on the 12th reached England on the 13th while pressure remained low over the Continent. By the 14th a very vigorous low had moved rapidly east across the Atlantic to O.W.S. Juliet bringing a trough well into Britain with gales in western districts. By the 15th, however, a marked troughing eastwards into France resulted in a westward movement of the trough over England followed by a slow moving ridge which remained over Britain for the rest of the month. A trough over France was renewed on the 19th but ridging in Germany developed into an anticyclone on the 24th. This was maintained over the last days of the month with a ridge towards England and Atlantic troughs to the northwest gave gales in western Scotland on the 25th and 26th.

Weather remained very cold for the first four days with snow showers in many areas. Night frost was widespread and was severe in places with -14°C (7°F) at Edinburgh on the 4th. Much of England and Wales had frost all day.

During the 5th many western districts had outbreaks of snow but rain fell in the southwest with over 1 inch recorded at Scilly. Further rain or sleet occurred in many areas from the 6th to 8th with snow in central and eastern England on the 6th and in northeast England on the 7th.

Another outbreak of rain reached southwest England on the 9th giving over 1 inch at Penzance, and rain spread over much of southern England on the 10th with snow in places. From the 11th to 13th occasional sleet or snow fell in the east but gradually died away though leaving most areas very cold. The Midlands and East Anglia had some fog patches between the 11th and 13th.

Late on the 13th rain again reached southwest England and also parts of Northern Ireland, and spread to much of Britain on the 14th with some sleet or snow, giving considerable falls in Scotland and the Pennines.

Sleet or snow spread back westwards between the 15th and 16th and then mostly died away, though scattered snow showers were reported until the 23rd mainly in eastern districts of England. The rest of the month was generally dry.

From the 18th severe night frosts occurred somewhere in Britain nearly every night, and on some days in parts of east and south England it remained frosty all day. Freezing fog formed in East Anglia, the Midlands and north England on several nights and was slow to clear during the day over the period 21st to 27th.

Parts of northwest Scotland had prolonged sunshine on the 17th and 18th and much of the country was sunny for the last few days of the month with day temperatures rising to near average.

Rainfall averages for the month were mostly well below average and Stornoway had a record lowest total of only 10mm over the month.

Mean temperatures were all low especially the mean maxima. At Ross on Wye this was more than 5°C below the average to give the coldest February since 1947 and to contribute to the coldest winter since records began. Frosts were very frequent and several places had their greatest recorded number of days with air frosts. (e.g. Manchester, Watnall, Eskdalemuir, Cardington). Sunshine totals were well above average in western districts of England and in Scotland, but nearer the seasonal average elsewhere. Valley had its sunniest February since 1918.

PLACE	TEMPERATURE										SUNSHINE											RAINFALL													
																Highest and lowest totals on record for month											Highest and lowest totals on record for month								
	Mean maximum °C	Difference from average	Mean minimum °C	Difference from average	Highest maximum °C	Date	Lowest minimum °C	Date	No. of days with grass minimum below 0° C.	No. of air frosts	Days of no sunshine	Maximum duration Hrs.	Date	Total for month Hrs.	% of average	First year of record	Highest Hrs.	Year	Lowest Hrs.	Year	Days of no rainfall (0·1 mm. or less)	Maximum fall in 24 hrs. (Beginning 09 h.) mm.	Date	Total for month mm.	% of average	First year of record	Highest mm.	Year	Lowest mm.	Year	Days with thunder	Days with snow or sleet	Days with fog (Vis. < 220 yards at 09 h.)
Kew	02.2	-5.1	-01.4	-3.9	07.4	28	-06.4	25	23	20	09	09.3	28	071	116	1880	106	1949	019	1947	20	02	01	006	015	1866	127	1951	02	(a)	00	20	00
Thorney Island	02.8	-5.4	-02.3	-4.2	07.3	27	-07.0	25	25	22	10	09.7	28	082							20	15	14	034	065						00	15	01
Gorleston	01.1		-01.8		03.3	08	-07.5	05	28	24	10	09.4	28	078	110	1908	125	1949	018	1947	17	10	07	023	056	1915	089	1950	04	1959	00	16	03
Cardington	01.5		-03.1		05.4	28	-08.6	25	28	28	07	09.6	26	062							19	03	06	010	029						00	17	01
Boscombe Down	01.2	-5.9	-03.3	-4.5	05.3	28	-07.7	25	28	27	10	09.9	28	082	112	1933	115	1949	021	1940	21	09	14	021	040	1931	143	1951	02	1932	00	17	00
Ross-on-Wye	02.2	-5.2	-03.5	-5.6	07.3	08	-12.3	04	26	23	09	09.3	26	075	109	1915	119	1934	018	1940	20	15	14	041	080	1859	170	1923	0.3	1891	00	13	01
Rhoose (Cardiff)	02.0		-02.4		05.9	28	-06.4	02	24	24	08	09.1	27	082							19	10	15	033	054						00	14	01
Plymouth	04.6	-3.8	00.2	-3.9	08.8	a	-05.2	02	22	15	07	09.1	25	091	120	1921	136	1934	020	1947	16	17	05	079	100	1949	176	1950	06	1959	00	13	00
Elmdon	01.4	-5.4	-03.8	-5.0	05.5	28	-11.8	25	28	27	09	08.4	28	069	108	1928	109	1949	012	1940	17	09	06	019	040	1933	120	1950	02	1959	00	21	02
Valley	04.9	-2.8	-01.6	-5.5	11.4	27	-05.5	20	25	21	05	09.7	27	132	176	1913	108	1930	036	1918	17	03	06	012	021	1946	132	1958	17	1959	00	08	00
Manchester	02.6	-4.4	-02.7	-4.0	08.3	28	-06.7	03	27	28	07	09.6	27	095	194	1946	098	1949	036	1947	25	04	01	006	010	1929	121	1946	03	1932	00	16	00
Watnall	01.5	-4.9	-03.8	-4.8	05.1	28	-08.5	02	28	28	11	08.5	28	058	098	1934	096	1949	015	1940	22	05	06	013	025	1911	134	1916	05	1959	00	21	02
Dishforth	01.4	-5.2	-04.1	-5.5	05.3	08	-10.9	25	28	27	10	06.8	26	057	089	1945	105	1946	047	1954	13	11	14	035	078	1947	122	1958	04	1959	00	20	03
Tynemouth	02.0	-4.6	-01.7	-4.3	04.1	17	-07.4	25	25	21	10	08.6	25	054	084	1937	108	1943	029	1954	10	18	07	075	179	1864	155	1941	01	1891	00	20	01
Eskdalemuir	01.2	-3.7	-06.3	-5.9	06.4	28	-12.6	26	28	28	08	09.6	27	105	175	1910	106	1932	023	1918	18	10	06	041	035	1910	242	1915	05	1932	00	16	00
Renfrew	03.8	-2.9	-03.2	-4.6	08.7	28	-08.7	04	26	24	08	07.6	22	077	145	1921	087	1946	015	1959	21	06	07	011	014	1921	154	1945	0.8	1932	00	12	01
Leuchars	03.2	-3.5	-03.2	-4.5	08.0	27	-10.1	26	25	23	08	08.5	23	087	109	1922	120	(a)	033	1923	16	21	07	048	112	1922	105	1941	02	1932	00	15	00
Dyce	02.4	-3.6	-02.9	-3.6	07.0	22	-08.5	23	28	22	08	09.0	b	095	123	1925	119	1950	038	1947	10	18	07	040	067	1946	100	1958	07	1959	00	20	00
Stornoway	05.2	-1.7	00.0	-2.6	09.6	28	-06.2	17	22	12	06	07.5	17	076	133	1881	096	1955	022	1943	18	03	17	010*	015	1943	147	1943	11	1947	00	12	00
Aldergrove	03.7	-3.4	-01.9	-4.0	07.6	27	-06.8	04	25	21	09	08.4	19	083	136	1927	094	1957	033	1940	20	13	05	042	069	1927	100	1954	03	1932	00	13	00

(a) 06, 08

(a) 1946, 1960
(b) 23, 26
* New Record

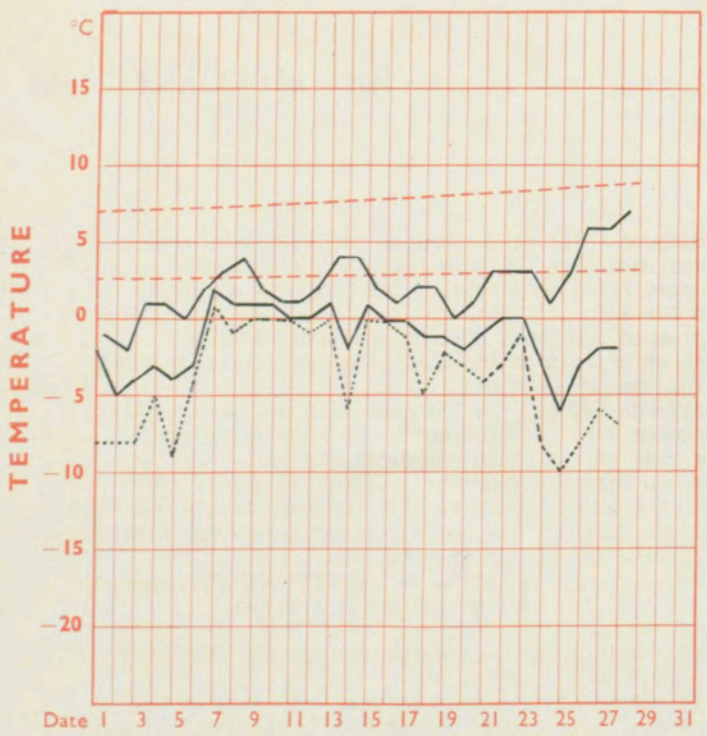
(a) 1895, 1959
* New Record

Corrections to Monthly Summary No. 85 JANUARY 1963
Dyce:- days with snow 22
Kew:- Number of air frosts 25 Elmdon:- total rainfall 025
Ross-on-Wye:- date of highest maximum 26
Gorleston:- total sunshine 050

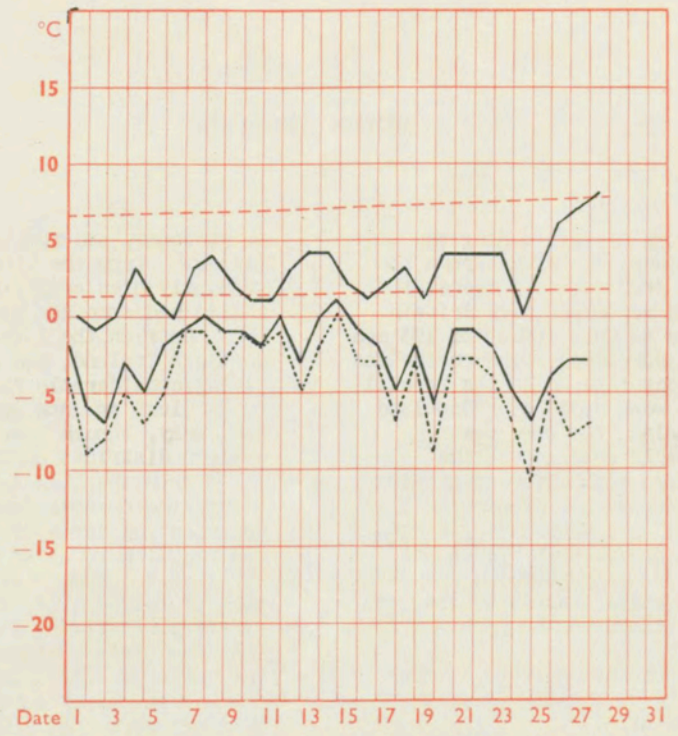
Corrections to Monthly Summary No. 83 NOVEMBER 1962
Ross-on-Wye:- total sunshine 044
Rhoose:- total sunshine 050
Stornoway:- lowest minimum -3.2 on 15
Tynemouth:- lowest minimum -4.1

Corrections to Monthly Summary No. 84 DECEMBER 1962
Elmdon:- lowest minimum -10.7
Tynemouth:- lowest minimum -6.2 on 25
Dyce:- highest maximum 10.0 on 03
Aldergrove:- total sunshine 035

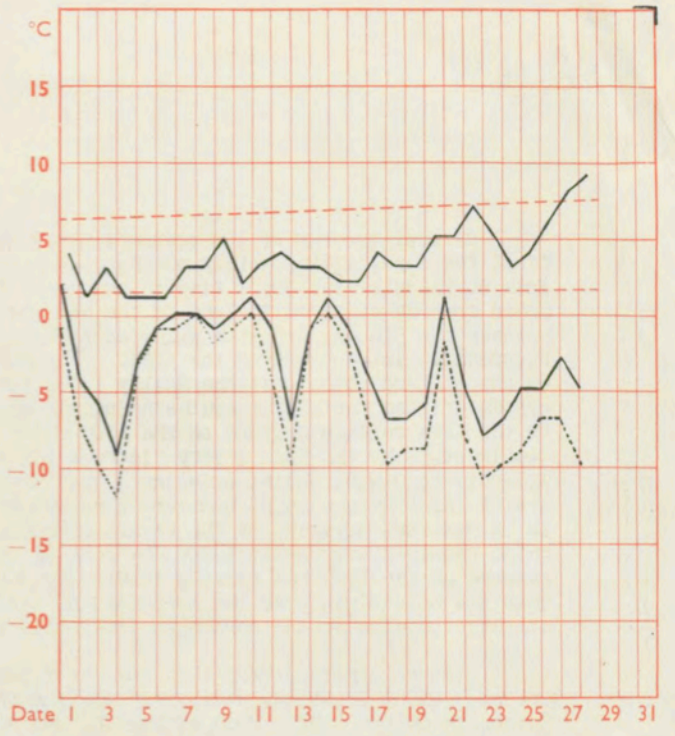
LONDON (Kew)



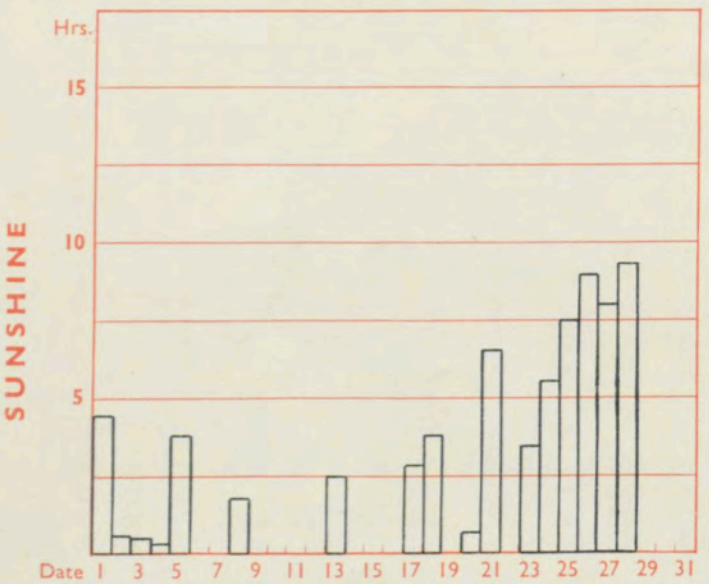
MANCHESTER (Airport)



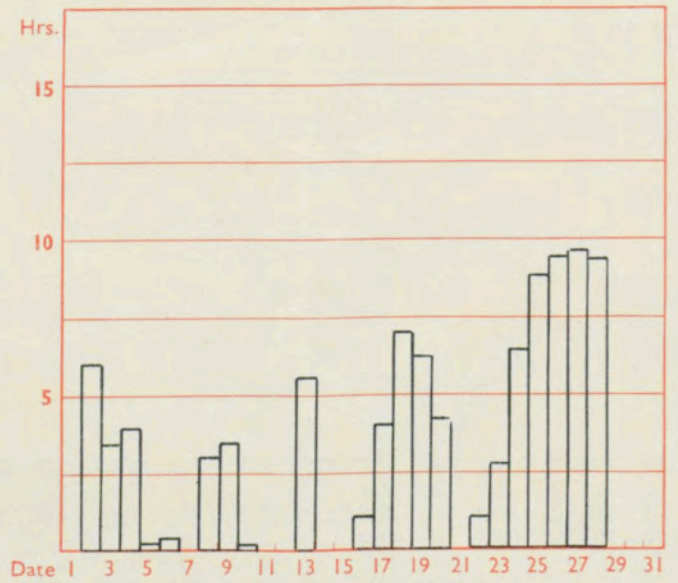
GLASGOW (Renfrew)



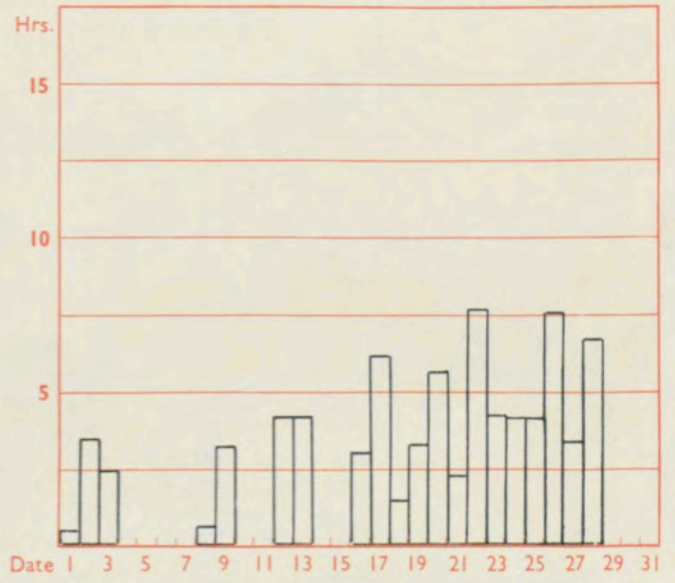
Maximum temperatures read at 21 h. G.M.T. daily, and minimum temperatures, read at 09 h. G.M.T. daily, are shown in full lines.
Grass minimum temperatures, read at 09 h. G.M.T. daily, are shown by a pecked line. Pecked lines in red show normal values.



Total for month 71 30 year (1921–1950) average 61 hrs.

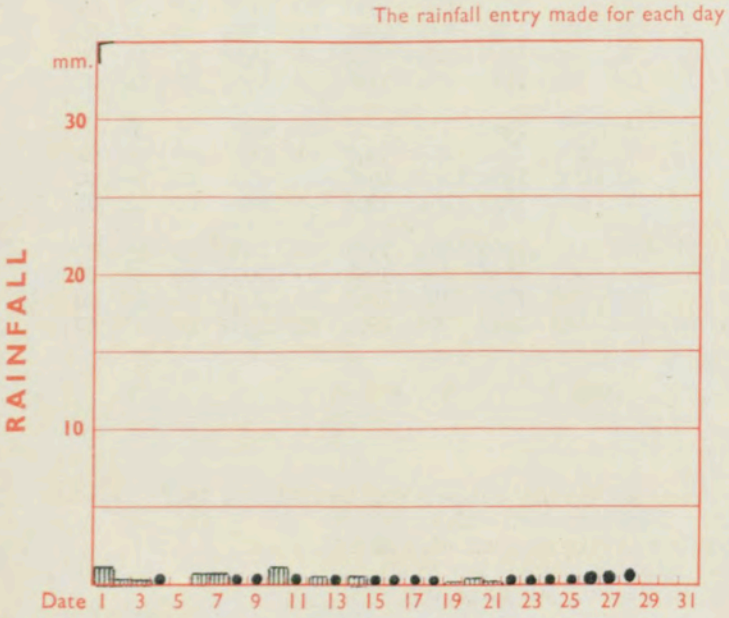


Total for month 95 30 year (1921–1950) average 49 hrs.



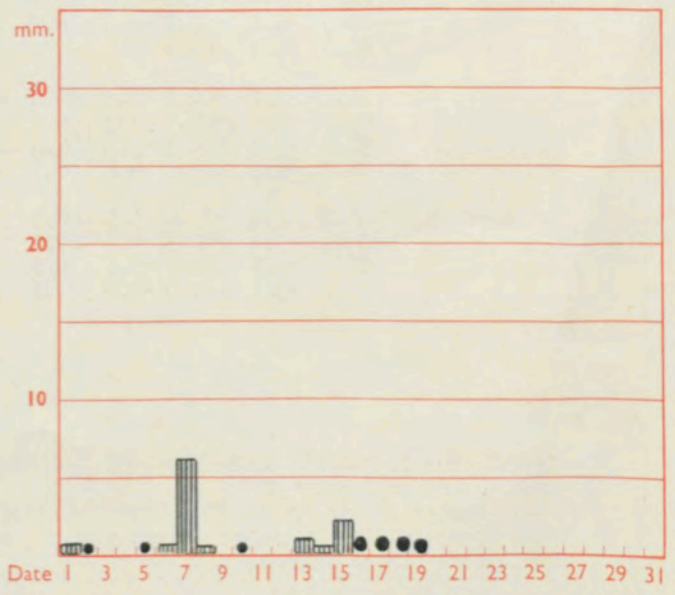
Total for month 77 30 year (1921–1950) average 53 hrs.

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 06 35 year (1916–1950) average 39 mm.

Total for month 06 35 year (1916–1950) average 60 mm.



Total for month 11 35 year (1916–1950) average 81 mm.

SIR GRAHAM SUTTON, C.B.E., D.Sc., LL.D., F.R.S., Director General, Meteorological Office, London Road, Bracknell, Berkshire.

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36961

Date of Issue Friday 1 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 31 January 1963

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
104	Kew	775	70105	60022	24501	784//	54810	82815	87630	
102	London Airport	772	73509	58042	24900	664//	52711	86715	88630	
100	Gatwick	776	50307	56027	24451	584//	54809	82815	84635	
99	Thorney Island	871	70108	59037	25250	756//	52706	87630		
97	Hurn	862	70212	66037	25200	784//	52803	83618	87625	
95	Guernsey	894	60518	66037	24100	68402	56302	81710	83818	85625
93	Wattisham	590	73406	34034	24551	755//	52712	84705	87624	
91	Gorleston	497	81706	48227	24600	7742/	52708	87711	88458	
90	Mildenhall	578	82904	32708	24400	855//	50715	83705	86620	88635
88	Cardington	559	82504	48707	24900	864//	51716	88710		
86	West Raynham	485	82806	19717	23800	872//	50717	84705	88710	
84	Wittering	462	83506	07737	25000	862//	51713	88705		
82	Boscombe Down	746	70206	61227	26251	755//	53705	82708	83620	86628
81	Ross-on-Wye	627	83502	17717	26150	863//	51813	88707		
79	Bristol	628	70000	37707	27001	756//	51707	87632		
77	Aberporth	502	70607	62701	28101	756//	52815	81635	84640	87650
75	Rhoose (Cardiff)	715	43003	58227	26800	4500	51808	81625	84640	
73	Plymouth	827	70414	61227	26301	6553/	53704	86622	86362	
72	Chivenor	707	70407	56227	27402	754//	53802	81615	87640	
70	St. Mawgan	817	40417	64011	27301	485//	53002	81820	84635	
68	Culdrose	809	40519	60051	26501	32631	54502	83820		
66	Scilly	804	40621	69011	26302	41400	53804	84816		
64	Elmdon	534	83508	14717	25800	861//	52715	88702		
63	Shawbury	414	73410	28048	27301	766//	50607	84630	87656	
61	Manchester	334	30213	40047	26803	38400	51712	81815	83656	
59	Squires Gate	318	30214	58047	28503	18541	51705	81820		
57	Valley	302	70213	66016	29204	757//	01711	81708	87650	
55	Ronaldsway	204	50119	85031	31003	58501	51103	83820		
54	Carlisle	222	50110	74268	31302	38431	01806	82818		
52	Watnall	354	73608	48017	25702	756//	50708	83630	87650	
50	Spurn Head	396	50514	59268	24702	53500	01710	83920	84630	
48	Finningley	360	73613	62022	25804	7563/	00707	83640	87358	
46	Dishforth	261	60113	61268	27103	68500	00804	81712	83820	83650
45	Tynemouth	262	80527	61158	28702	835//	50705	88924		
43	Eskdalemuir	162	70214	64707	32501	756//	52703	84710	88632	
41	Mull of Galloway	131	60520	80022	32403	685//	00206	83820	85630	
39	Prestwick	135	30312	62041	32903	28542	52400	81822		
37	Renfrew	141	50414	58041	33904	4853/	53803	81822	84640	
36	Leuchars	171	50215	80018	32702	58500	51706	82825	84650	
34	Dyce	091	90113	11868	34001	9/0//	50804	89/04		
32	Wick	075	60220	56268	35701	634//	01709	83910	85630	
30	Cape Wrath	049	73618	81877	37502	755//	51202	87720		
28	Sule Skerry	010	80213	66898	37403	864//	00400	88715		
27	Lerwick	005	80210	69878	35801	6341/	52805	81915	84622	88635
25	Stornoway	026	70116	82268	39003	785//	50802	83820	87630	
23	Benbecula	022	70213	82152	38303	785//	52501	83822	87635	
21	Tiree	100	70212	89031	36605	785//	00102	82822	87628	
19	Aldergrove	917	60512	74258	33403	6857/	51203	82820	85635	
18	Malin Head	980	60422	89268	35205	685//	53003	83825	86656	
16	Belmullet	976	70511	82038	35205	6853/	03204	82820	86637	87359
14	Birr	965	70208	62268	32802	785//	01804	81820	87635	
12	Collinstown	969	70317	74217	31604	4853/	51202	83821	84656	87358
10	Rineanna	962	63405	48107	32800	35632	00801	83645	85362	86070
9	Roches Point	952	30111	69011	30803	25601	51802	81630	83072	
7	Valentia	953	50911	74031	32004	55600	54104	85635		

OBSERVATIONS at 18h. 31 January 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
775	82402	08717	21900	7722/	51709	87705	88515	
772	82504	13717	22000	854//	51714	84706	88612	
776	80000	30717	22051	854//	52710	88612		
871	70000	28052	22600	755//	52709	83620	87635	
862	83106	48027	22500	654//	50610	86618	88625	
894	70415	61028	23000	784//	56302	83815	86625	
590	81307	17717	22052	862//	52505	86704	88707	
497	81210	48707	23351	855//	53305	88620		
578	70305	28687	21301	771//	51510	85702	87706	
559	73511	56217	22102	754//	50710	83708	87616	
485	80207	32707	21901	854//	00302	86707	88613	
462	80215	48687	22601	854//	52505	84705	88615	
746	83403	17717	23300	863//	51711	88708		
627	83611	48502	24002	864//	51605	88710		
628	73508	32047	24102	755//	51607	84712	87620	
502	70116	66037	26402	756//	51605	83630	86650	
715	20214	48020	23801	25500	52607	82620		
827	73510	23047	24202	755//	51707	82715	87620	
707	50113	48017	24603	25630	51704	82635	83360	
817	70212	58021	25001	3567/	51608	83635	88358	
809	60208	62052	24301	5563/	51704	85630	86358	
804	70517	79031	24504	825//	01706	88822		
534	80111	37047	23602	854//	51801	88614		
414	83613	40858	25801	824//	51702	88818		
334	60212	33041	25502	4553/	53500	82622	86360	
318	20114	37041	27001	28501	52505	81822		
302	70215	66022	27603	755//	00708	82625	87640	
204	72018	74031	29902	6853/	52704	83822	85640	
222	60110	80038	30201	5843/	51801	83818	83640	
354	70313	57017	24601	784//	50203	85812	86640	
396	60516	59258	24201	65500	51308	86625		
360	73507	61268	25501	784//	00208	83714	83818	87626
261	70210	59058	26102	785//	50202	82820	87656	
262	70130	61028	27103	755//	52605	87625		
162	73613	62387	30800	755//	53610	83712	87629	
131	30220	80022	30103	35600	00704	83630		
135	70108	62041	31802	756//	53802	87640		
141	70312	58041	32703	785//	53500	83825	85635	
171	60112	74018	31902	685//	52400	81825	86650	
091	73415	66278	32801	784//	50804	82815	84628	85650
075	70213	80028	34702	755//	50006	87626		
049	63618	81158	35903	674//	51706	86715		
010	60213	81018	33603	684//	01704	84815	86620	
005	80112	82028	34601	834//	53704	81914	83818	88635
026	60415	66268	37703	634//	51803	86917		
022	70113	85022	37202	785//	51601	83825	87632	
100	70311	89022	35303	785//	52801	83820	86635	
917	70111	89028	32303	785//	52705	82820	86640	
980	20317	83011	34204	15601	53603	81630		
976	80516	74808	34603	834//	01500	84919	88640	
965	60109	74022	31701	685//	51202	81820	86635	
969	80217	74022	30403	865//	52703	82720	87640	88656
962	70109	74021	31802	785//	51000	81820	87640	
952	20112	66038	29602	28500	51400	81820		
953	30607	69031	31602	38500	51500	82822	83640	

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	01017	004	$is_os_os_o$	$s_os_offssSS$
772	96017	002	s_os_o	$s_os_or_os_os_o$
776	01007	021	$is_os_os_o$	sss_os_o
871	91016	019	+	s_os_o
862	97016	///	+	$is_os_os_ois_o$
894	95015	007	is_ops_o	+
590	01007	///	s_os_of	$s_os_ois_o$
497	91017	000	$is_os_os_o$	$is_os_os_o$
578	01016	001	$ps_os_os_ossf$	$s_os_ossfd_od_or_os_o$
559	96027	000	s_os_ois	$ir_os_oir_o$
485	01017	000	s_os_oss	$s_os_or_os_ois_o$
462	01025	000	s_os_ossf	$r_os_oir_os_o$
746	97016	001	s_os_o	$s_os_oir_os_o$
627	96027	000	$is_os_os_o$	is_o
628	93026	000	$s_os_or_os_o$	r_os_o
502	97025	001	is_o	is_o
715	94027	010	is_oisssh	is_o
827	97031	043	is_o	$is_oir_os_o$
707	97035	016	$is_os_os_o$	is_o
817	97023	052	+	ir_os_o
809	97021	067	+	ir_os_o
804	00041	040	+	+
534	01027	000	s_os_oSS	+
414	97027	018	ps_o	ps_o
334	01035	019	is_off	ps_o
318	97045	053	s_os_o	+
302	93051	019	ir_o	+
204	00045	047	+	+
222	93033	025	ps_o	$pr_os_ops_o$
354	94036	000	s_os_oss	$ir_os_ops_o$
396	96031	012	$r_os_opr_os_o$	pr_oprs
360	97045	002	pr_o	ps_o
261	97045	023	$pr_opr_os_o$	pr_o
262	96041	012	prs	pr_os_o
162	04029	000	$ssis_oksiS$	SSksis
131	00031	///	/	/
135	00043	051	+	+
141	00043	038	+	+
171	97041	032	ps_o	+
091	01025	010	ps_opsph_o	$ps_oph_ops_o$
075	01031	001	pr_ops	$ph_opr_os_opr_o$
049	95031	///	ph	ph
010	92052	///	/	/
005	91025	001	$is_ops_oh_o$	ps_o
026	02042	000	$pr_os_opr_o$	$pr_oh_opr_os_o$
022	00041	011	jp	+
100	00051	006	+	+
917	97045	025	pr_oph_o	ps_o
980	9705/	011	/	/
976	9406/	016	/	/
965	9704/	022	/	/
969	9704/	012	/	/
962	9705/	022	/	/
952	9104/	053	/	/
953	9704/	063	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33012	71617	76022	42006	755//	00401	/////	/////	00004	11645	1////
B	50565	51012	41813	65021	30853	45500	00217	84625	/////	06357	1////	1////
C	50528	35512	71120	69022	34308	756//	00230	87637	/////	00306	11247	1////
D	50440	41012	83633	65808	20610	825//	06703	88820	/////	05608	13449	1////
I	50590	18912	70212	98031	47306	756//	00500	86635	/////	05601	10222	10734
J	50525	19912	30520	90011	36109	32560	00113	83825	/////	05203	10633	10459
K	50447	16112	40728	80018	14410	48502	11311	83820	/////	05506	10844	10456
M	53658	01912	73608	70022	35801	75500	81604	87630	/////	06057	13532	1////

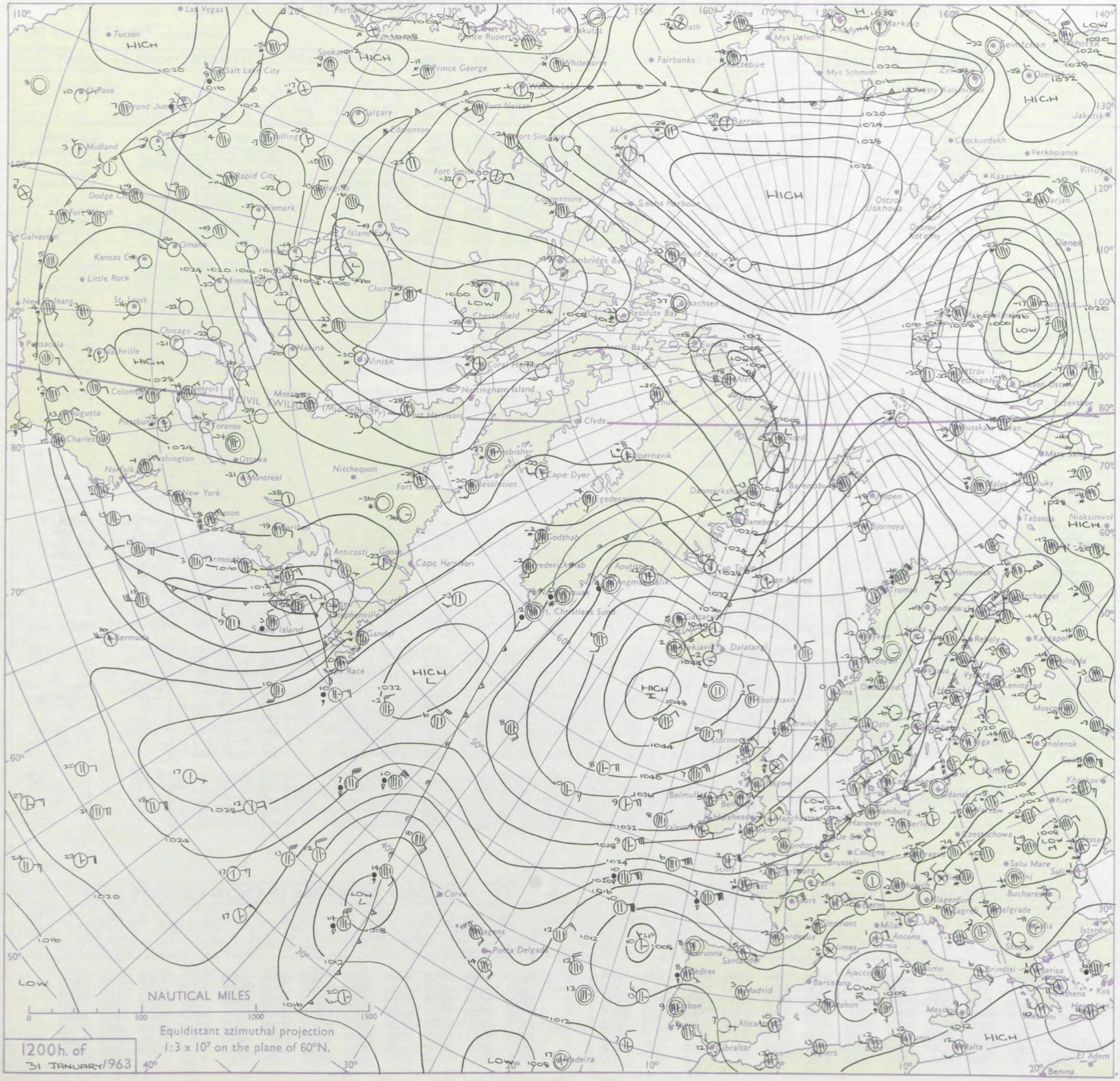
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33018	61720	80022	41706	51640	00705	/////	/////	00204	11745	1////
B	50564	51018	61818	03021	31950	64500	00103	86625	/////	06852	11822	1////
C	50528	35518	71124	90226	30308	756//	00208	87645	/////	00305	11247	1////
D	50440	41018	83636	61618	18814	67421	00500	86895	88525	05213	18501	1////
I	50590	19018	70112	98022	46406	756//	00706	87630	/////	05602	10234	11912
J	50524	20018	60727	97818	34909	69500	00604	82920	83820	05303	10636	10458
K	50449	16018	50532	70258	16810	59400	11209	83915	/////	05606	10457	10843
M	53660	01818	80000	70022	33501	855//	00707	/////	88630	05955	10010	13531

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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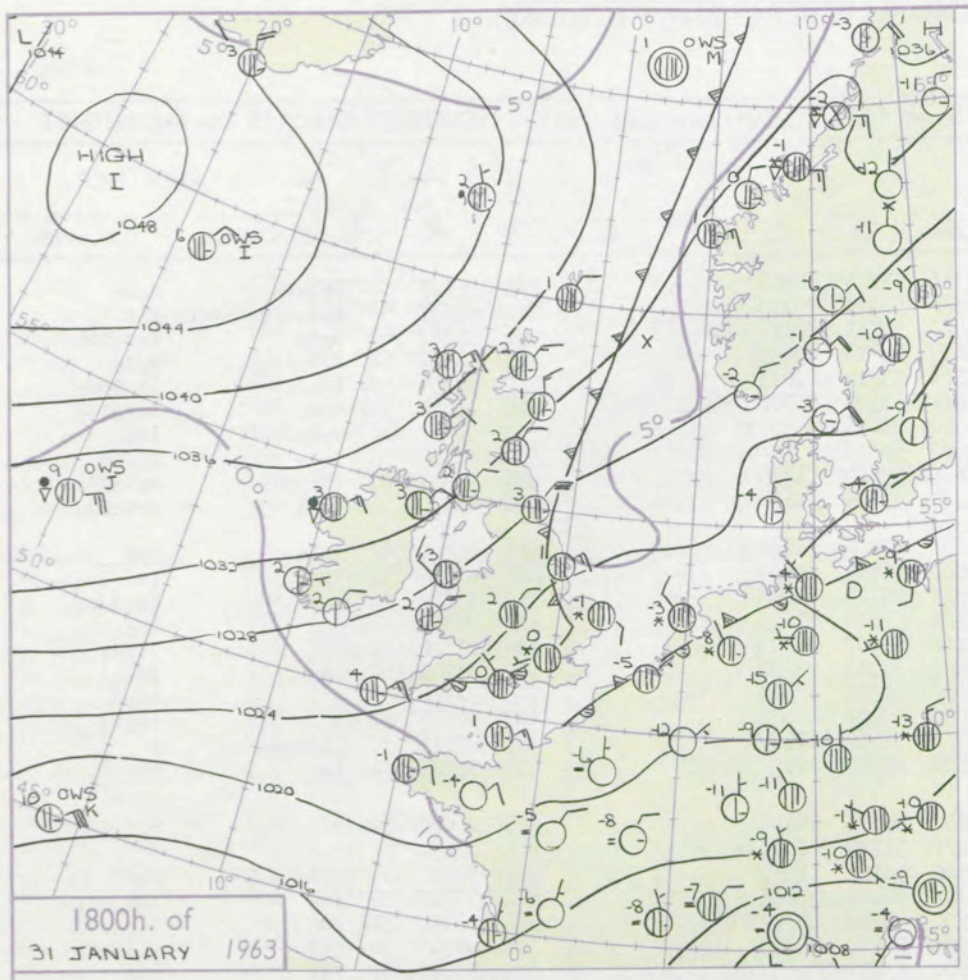

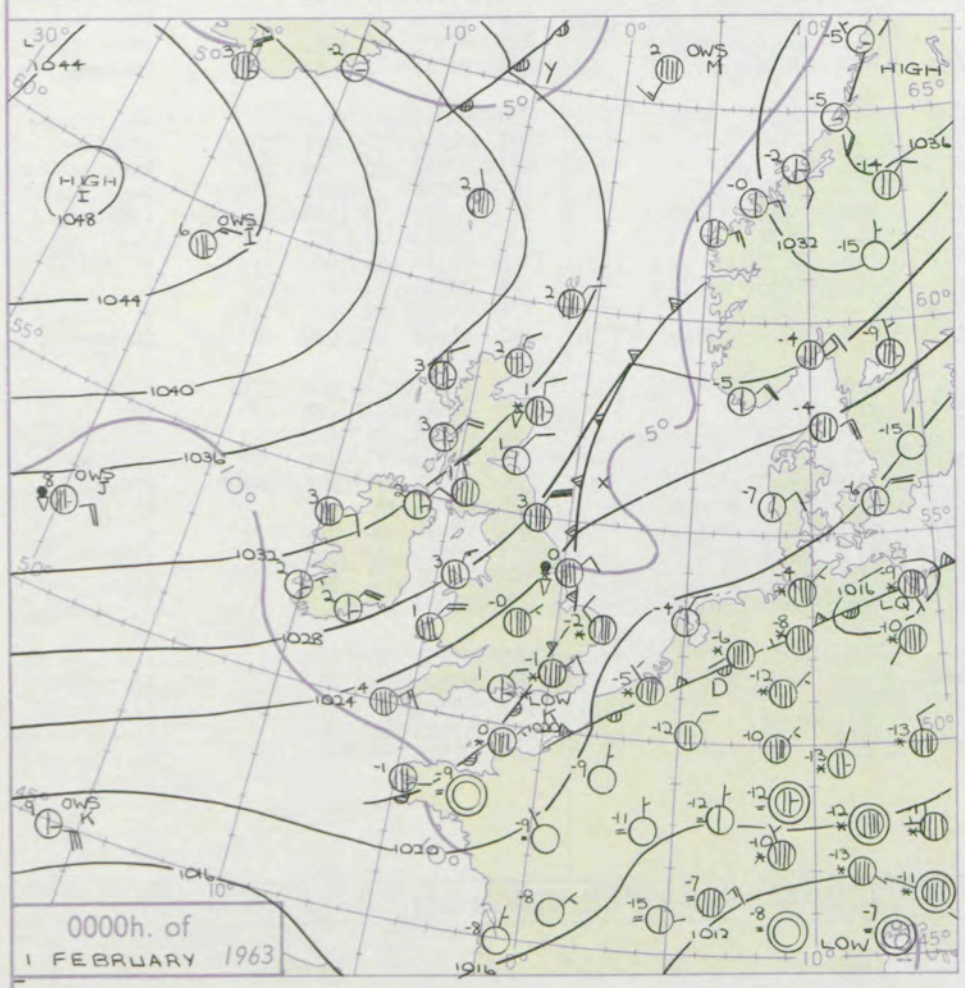

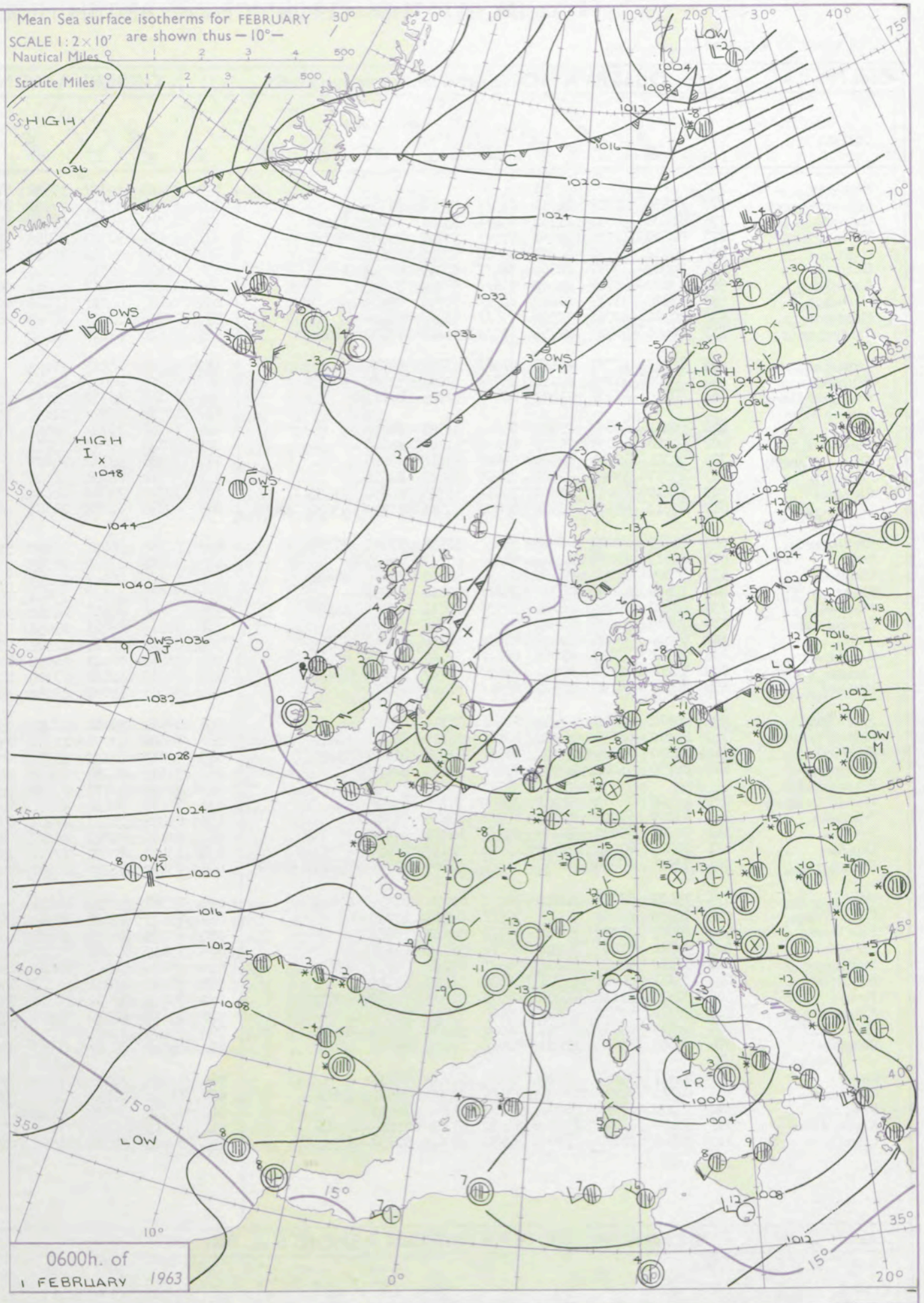

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 1 February** 1963

A small depression over the North Sea moved southwestwards to the western English Channel. An anticyclone near Iceland moved a little westward and a new high developed over Scandinavia. This cell will move slowly south and weaken a little and troughs on its southern flank will move westwards towards and across southern districts of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Very cold over much of the southern half of England and Wales, with unbroken frost in many places, and severe frost at night. A little less cold elsewhere, with day temperatures a little above freezing, but frost in most areas at night. There will be some bright intervals especially away from the east coast, but all districts are liable to have snow at times possibly with moderate to heavy falls in parts of the south.

OUTLOOK for following 24 hours.

Continuing cold or very cold with snow at times in many areas and night frost.

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

Code FM 11.A

OBSERVATIONS at 00h. 1 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			51					
London Airport	772	80510	22717	21651	863//	51306	88708		
Gatwick	776	80606	58717	21152	854//	53601	85708	88616	
Thorney Island	871	80809	19717	20551	872//	51607	86704	88708	
Hurn	862	30112	66227	20201	35500	50709	83620		
Guernsey	894	80000	19717	20600	884//	52719	83708	85815	87625
Wattisham	590	73607	40707	22053	756//	54802	87630		
Gorleston	497	83008	31717	21652	8052/	53715	88520		
Mildenhall	578	50301	40707	22952	556//	53400	85635		
Cardington	559	80406	56717	22751	855//	53209	82707	88625	
West Raynham	485	82603	11737	22152	874//	53712	88710		
Wittering	462	70205	28707	23151	757//	52001	83705	87650	
Boscombe Down	746	80310	58707	21400	864//	52709	88711		
Ross-on-Wye									
Bristol	628	80412	48042	23200	855//	52707	88620		
Aberporth	502	60120	66037	25801	6?600	51706	86640		
Rhoose (Cardiff)	715	50314	59011	22801	55500	53818	85620		
Plymouth	827	23007	56047	22501	25500	52609	82622		
Chivenor	707	73610	61037	23502	756//	51709	84630	87650	
St. Mawgan	817	60313	58227	23501	65600	51611	83710	83632	86650
Culdrose	809	50215	62022	23001	3553/	51508	83623	85358	
Scilly	804	80513	74022	22904	855//	00713	88623		
Elmdon	534	80306	37047	23450	855//	52202	85708	88625	
Shawbury	414	73609	48048	24700	756//	52806	87650		
Manchester	334	43611	40268	24801	3253/	53811	83823	84650	
Squires Gate	318	70415	61021	26502	756//	53805	87646		
Valley	302	63616	74022	27403	4563/	50708	84645	85360	
Ronaldsway	204	60118	78037	29002	656//	52607	82635	86650	
Carlisle	222	73208	69018	29401	6853/	51707	83820	85635	
Watnall	354	80404	48788	23500	855//	51807	88625		
Spurn Head	396	80512	04848	23500	894//	00714	88910		
Finningley	360	80112	48858	23901	884//	00715	84706	86817	88638
Dishforth	261	70310	74038	25301	785//	52705	81825	87650	
Tynemouth	262	80230	74022	26503	856//	52605	88630		
Eskdalemuir									
Mull of Galloway	131	40520	74011	30501	35530	52708	83625		
Prestwick	135	83308	62021	30801	857//	52610	88650		
Renfrew	141	70210	82031	31402	757//	54711	87650		
Leuchars	171	20208	82011	30401	25700	52713	82650		
Dyce	091	73508	62858	32001	784//	51706	81706	83815	87637
Wick	075	73609	83258	32902	784//	00610	82815	87635	
Cape Wrath	049	73605	83038	34603	765//	01713	87725		
Sule Skerry	010	80209	74028	34005	865//	03717	88720		
Lerwick	005	80311	80228	32802	856//	51809	88634		
Stornoway	026	73512	74028	35603	785//	01716	83820	87630	
Benbecula	022	20211	86021	35701	15630	51610	81635		
Tiree	100	30319	89011	34403	38500	52708	81820	83635	
Aldergrove	917	50210	83012	31802	55600	53707	85635		
Malin Head	980	40415	82011	33303	48500	54706	82823	84640	
Belmullet	976	80608	74258	33403	885//	01709	84820	88640	
Birr	965	83507	74032	31200	856//	52706	88637		
Collinstown	969	80314	74028	29703	885//	53507	85825	88645	
Rineanna	962	33309	74011	31300	35600	52705	83635		
Roches Point	952	30119	66011	28702	38500	51708	81820	83646	
Valentia	953	30506	72020	31302	15630	53000	81638	83359	

OBSERVATIONS at 06h. 1 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	80108	33717	19651	873//	53714	88708		
772	83511	37717	20052	855//	53711	83713	88623	
776	83305	32717	19553	854//	54713	86611	886//	
871	83405	50707	19753	856//	54713	88633		
862	70207	62707	19652	755//	53710	87625		
894	80816	32717	18700	854//	51301	84708	86615	88630
590	03610	62017	20357	00900	59601			
497	00618	64027	20050	00900	55805			
578	10305	62017	20954	15600	55804	81635		
559	13610	61018	21552	15400	53501	81618		
485	13505	66037	21055	15600	57804	81640		
462	10206	74017	22253	15600	55400	81630		
746	80105	56717	21153	863//	54708	88708		
627	10512	63027	21851	15560	53610	81625		
628	80208	19721	22151	872//	51507	88703		
502	20113	66011	23801	25600	52713	82640		
715	80308	59702	21600	855//	52710	88624		
827	60418	64031	21100	65600	53602	86638		
707	70312	74021	22002	757//	52610	87660		
817	40315	61011	21501	48500	53810	82820	84628	
809	50116	56031	20800	55600	52715	85635		
804	60419	62022	21503	654//	51707	86619		
534	10309	66017	22452	10940	54102	81365		
414	73609	32707	23651	757//	52805	87626		
334	33606	62018	24051	38500	53706	81822	8?650	
318	30211	66021	25050	00901	52000	83073		
302	20215	66017	22502	25600	53712	82630		
204	63617	78011	26902	657//	52811	86650		
222	83305	69852	27300	885/?	51712	83820	88635	
354	33602	59037	23053	35600	54806	83630		
396	20612	59018	22451	25600	53809	82630		
360	73409	63038	23351	757//	54812	87650		
261	83608	69038	24151	857//	53815	88650		
262	70517	66268	25201	755//	51714	87625		
162	70208	40727	27850	755//	52712	83710	87625	
131	80230	74032	28301	866//	52712	88630		
135	83408	74021	28401	857//	53814	88650		
141	60110	82011	29002	656//	55714	81635	86647	
171	13412	82030	27701	15700	52718	81680		
091	73410	58268	28901	784//	51719	81706	85815	87630
075	73306	83031	29801	755//	00719	81620	87640	
049	73605	83028	31003	765//	03718	87720		
010	40205	74808	30804	43400	03717	84915		
005	33609	80227	30201	35600	00715	83640		
026	23610	82258	32203	22500	02719	82822		
022	30202	83011	32303	15630	01718	81640	83360	
100	80112	89031	31304	884//	02720	83816	88637	
917	83610	80022	29502	856//	51713	88635		
980	50415	82021	31004	556//	55715	85640		
976	80608	74808	31902	885//	00808	84820	88640	
965	10000	74021	29352	15600	54709	81636		
969	83312	74858	27602	885//	53711	83825	88636	
962	03510	74021	29654	00900	54710			
952	80113	66021	27002	856//	52711	88645		
953	00000	74020	29500	00900	54710			

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	96527	58	$2ss_0s_0$	s_0s_0
772	94537	56	$s_0s_0if_rs_0s_0s_0s_0$	s_0s_0
776	94567	60	s_0s_0	$s_0s_0ps_0$
871	01547	58	$s_0s_0is_0$	s_0s_0
862	91536	55	$is_0s_0s_0$	$is_0s_0s_0$
894	01517	52	s_0s_0	$s_0s_0is_0$
590	94597	62	$s_0s_0is_0if$	is_0
497	01527	55	s_0s_0	ps_0ps
578	96557	56	$is_0s_0s_0$	$s_0s_0ps_0$
559	92549	56	s_0s_0	$s_0s_0ph_0$
485	02557	55	$ssis_0$	ps_0
462	01547	57	ir_0ss	ps
746	93537	56	$is_0s_0s_0$	$is_0s_0s_0$
627	97527	55	+	is_0
628	01526	55	+	$isps_0$
502	97005	52	is_0	ps_0
715	97526	53	+	is_0
827	97508	53	+	is_0is
707	97013	52	$is_0r_0s_0$	+
817	97003	51	is_0	ps_0
809	00000	52	+	+
804	00031	//	+	+
534	91547	58	s_0s_0	s_0s_0
414	97547	57	ps_0	is_0
334	91527	54	ps_0	ps_0
318	97515	54	+	s_0s_0
302	97025	~~60~~	is_0	is_0
204	97015	50	is_0	is_0
222	97503	52	ps_0	ps_0
354	96547	62	$ps_0s_0s_0$	$ps_0s_0s_0$
396	01518	//	ps	ps
360	01529	55	ps_0	ps_0psif
261	97515	53	ps_0	ps_0
262	02005	51	prs	ps_0
162	04519	53	isksss	isks
131	00011	//	/	/
135	00513	54	≠	+
141	00023	51	+	+
171	00501	52	+	+
091	01507	52	ps_0	ps_0ps
075	97011	51	pr_0	+
049	03012	01	ir_0	ir_0
010	02032	01	/	/
005	94005	51	is_0	$r_0s_0ps_0$
026	02012	50	$ph_0pr_0s_0pr_0$	$prpr_0$
022	00001	53	+	+
100	00021	00	jp	+
917	00515	52	jp	+
980	00031	01	/	/
976	95021	00	/	/
965	97535	57	/	/
969	97505	50	/	/
962	97561	57	/	/
952	97011	52	/	/
953	97513	55	/	/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33000	61818	76022	41606	3863/	00802	/////	/////	00004	11845	1////
B	60565	51000	81425	65022	30800	855//	00719	88625	/////	05654	11635	1////
C	60528	35500	71114	69022	38308	756//	00105	87640	/////	00205	11346	1////
D	60440	41000	10927	69011	21714	10908	00107	/////	/////	05111	10946	1////
I	60589	18700	70117	98022	44206	756//	00815	87632	/////	05602	10323	1////
J	60523	1990	70718	97808	35208	6956/	00804	86920	/////	05505	10734	10457
K	60451	16000	30832	70011	19709	38530	81211	81820	/////	05602	10845	10458
M	63659	01800	81916	70032	30702	884//	00724	86810	/////	05853	11921	13541

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33006	81922	76032	40606	855//	00702	/////	/////	00104	11955	1////
B												
C	60528	35506	00914	69021	39007	00900	00205	/////	/////	00006	11134	1////
D	60440	41006	30920	69251	22913	12578	00008	81820	/////	05208	10946	1////
I	60589	18606	83622	98022	41207	855//	00713	88628	/////	05403	13536	103/3
J	60522	19906	10421	98018	34309	12500	00801	81825	/////	05504	10435	10457
K	60450	15906	40638	65028	20308	48500	11701	82826	83650	05803	10355	10846
M	63661	01806	81820	60022	28403	8?5//	00710	88620	/////	05752	11822	1////

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36962 — *Date of Issue* Saturday 2 February 1963

OBSERVATIONS at 12h. 1 February 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	70212	60857	18351	7854/	55813	85825	84640	
London Airport	772	43611	59037	18751	48401	54816	83818		
Gatwick	776	53610	58058	17951	48532	56817	81825	83640	
Thorney Island	871	20213	69037	18551	12501	56811	81825		
Hurn	862	43613	72037	18851	38531	54710	82820	83360	
Guernsey	894	70415	62227	18052	7847/	53813	85815	85630	
Wattisham	590	73511	48858	17954	39563	55820	81708	83920	
Gorleston	497	50616	64028	18150	38541	56715	83822		
Mildenhall	578	70303	69268	18551	785//	54823	85820	86635	
Cardington	559	73412	58858	19451	68432	53719	81815	84640	
West Raynham	485	50210	56858	18953	29460	54814	82915	83359	
Wittering	462	40111	82038	19651	48400	55822	82815	83640	
Boscombe Down	746	70109	69037	20551	7841/	54707	81814	87650	
Ross-on-Wye	627	20107	66227	20551	25600	52720	82630		
Bristol	628	83513	23858	21551	885//	54811	82820	88640	
Aberporth	502	70216	83038	22501	785//	54817	81820	87645	
Rhoose (Cardiff)	715	70109	64031	21050	785//	55816	84820	86640	
Plymouth	827	10419	66018	20300	12400	53706	81812		
Chivenor	707	70312	74031	21502	58502	52807	85820	83075	
St. Mawgan	817	10416	74018	20701	11500	54813	81820		
Culdrose	809	20320	72018	20101	22400	53709	82818		
Scilly	804	60721	81028	20503	62500	55608	86827		
Elmdon	534	53609	40047	20152	58400	54816	83818	83645	
Shawbury	414	70107	48047	21750	785//	53818	82825	87645	
Manchester	334	70305	30858	21500	785//	53816	84820	87650	
Squires Gate	318	80307	24717	22201	885//	52621	84820	88630	
Valley	302	70110	74158	22702	7941/	00821	81910	84612	87640
Ronaldsway	204	60119	66858	23503	6841/	53825	82818	86635	
Carlisle	222	73410	62858	23601	785//	51825	84708	86820	85635
Watnall	354	70107	58268	20751	7841/	54617	83818	86640	
Spurn Head	396	60612	66268	20000	63500	53816	86920		
Finningley	360	73508	61028	21250	7341/	53721	81915	87657	
Dishforth	261	80203	28858	21650	855//	53721	84820	88650	
Tynemouth	262	80502	05737	22300	8641/	50715	88715		
Eskdalemuir	162	70210	58717	24001	755//	53823	83710	87625	
Mull of Galloway	131	60230	80022	24503	5853/	52722	82820	85630	
Prestwick	135	73207	80022	24803	5563/	53723	82630	85650	85362
Renfrew	141	70108	61042	25504	65501	54718	81625	86640	
Leuchars	171	73615	74268	24102	785//	51723	81715	83825	85635
Dyce	091	70413	37858	26300	7841/	50714	83705	84812	87625
Wick	075	70519	83028	27204	7841/	52712	82818	87630	
Cape Wrath	049	70513	83626	28003	765//	01721	87720		
Sule Skerry	010	60309	84028	29305	43506	02701	84920	86070	
Lerwick	005	60809	58268	29201	63100	01604	82702	83915	
Stornoway	026	73618	70258	29505	64232	03717	86818		
Benbecula	022	50215	83022	29105	48401	01820	82818	84640	
Tiree	100	73618	89012	27505	7841/	02826	83818	86625	
Aldergrove	917	53506	86012	26103	556//	52624	85636		
Malin Head	980	70216	89158	27305	735//	01722	86923	87642	
Belmullet	976	70403	69258	29204	7641/	03719	87717		
Birr	965	73407	82021	26901	756//	53720	87639		
Collinstown	969	73313	74027	25002	785//	54722	81822	87640	
Rineanna	962	73411	89021	27601	785//	53721	81822	87640	
Roches Point	952	73615	83012	25603	785//	53714	83820	87645	
Valentia	953	50315	82021	28103	58500	56813	81825	85635	

OBSERVATIONS at 18h. 1 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	50308	58028	15553	584//	57400	84815		
London Airport	772	60210	62038	15753	58433	56704	81812	84635	
Gatwick	776	10408	50028	15153	15501	57505	81625		
Thorney Island	871	10206	61018	15455	14600	56604	81630		
Hurn	862	10213	62018	15553	18500	56506	81820		
Guernsey	894	60212	63268	15051	6341/	57611	84812	86925	
Wattisham	590	70311	40858	16256	795//	57400	82710	87920	
Gorleston	497	50722	62848	16552	58500	55400	83822		
Mildenhall	579	10605	69018	16856	15600	58802	81630		
Cardington	559	30210	61268	16954	34500	55400	83620		
West Raynham	485	60412	58858	17156	6941/	59201	86918		
Wittering	462	70309	62268	17654	7851/	55800	82820	86650	
Boscombe Down	746	60412	37858	16353	58400	56713	83711	85815	
Ross-on-Wye	627	83512	63028	16452	865//	56612	88720		
Bristol	628	70000	56018	17352	756//	55612	87645		
Aberporth	502	83610	40717	15900	855//	51733	86710	88620	
Rhoose (Cardiff)	715	80209	56228	16552	754//	53719	84618	87635	
Plymouth	827	70208	40038	16651	7561/	54712	87630		
Chivenor	707	70602	48028	16300	5843/	53723	81818	85640	87360
St. Mawgan	817	70411	69031	17050	5553/	54712	82620	85640	85358
Culdrose	809	70312	69031	16850	3843/	55713	82818	86360	
Scilly	804	70614	82031	16803	7851/	55716	83823	87628	
Elmdon	534	80310	26858	17453	854//	55606	88615		
Shawbury	414	70205	48228	17454	756//	55611	87635		
Manchester	334	80610	15717	18452	854//	53502	86705	88615	
Squires Gate	318	70408	30278	19251	7531/	53718	83608	84620	
Valley	302	40119	74018	17402	48500	52719	84825		
Ronaldsway	204	70420	66268	19801	785//	52605	82712	83820	86640
Carlisle	222	10608	66018	22052	18440	56111	81818		
Watnall	354	60501	23287	18355	65700	55400	86656		
Spurn Head	396	50819	63018	18252	58500	57704	85825		
Finningley	360	60404	59018	19353	685//	55304	81825	86641	
Dishforth	261	60508	37707	20354	65500	55207	81708	86625	
Tynemouth	262	60724	32868	21350	6351/	53306	86924		
Eskdalemuir	162	10509	70227	22254	15600	57106	81630		
Mull of Galloway	131	80622	74028	21302	4751/	51714	84720	87460	
Prestwick	135	70611	66268	22701	784//	51206	81712	84818	87635
Renfrew	141	80910	17718	23701	855//	51208	81710	84620	88643
Leuchars	171	70618	62268	24100	784//	53205	81710	83818	87640
Dyce	091	50612	66028	26651	58500	57309	83825	84630	
Wick	075	81214	59858	27101	884//	00210	86815	88625	
Cape Wrath	049	70913	83026	26303	785//	00706	87625		
Sule Skerry	010	70713	82022	26805	5357/	04708	85925	87460	
Lerwick	005	81216	82258	28401	884//	52306	81815	88625	
Stornoway	026	70616	70808	27405	784//	01802	85818	87630	
Benbecula	022	30212	69158	26402	33400	00606	82916		
Tiree	100	70411	86038	24804	784//	50705	83818	87640	
Aldergrove	917	73612	83028	21503	5553/	52718	81620	83645	87362
Malin Head	980	70517	86258	23404	784//	00812	83819	87650	
Belmullet	976	60108	82258	24504	664//	02714	84715	86635	
Birr	965	83307	80032	21702	856//	52724	88636		
Collinstown	969	73309	74022	20102	764//	53716	82719	86640	87656
Rineanna	962	83208	85022	22702	6852/	52719	81822	86650	88458
Roches Point	952	73413	82031	20902	785//	54616	81820	83640	87656
Valentia	953	70305	80022	23303	785//	52716	81825	87635	

OBSERVATIONS during DAY

Station	iii	RRT x T E x + E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	92517	046	ps_0psif	+
London Airport	772	92507	051	ps_0pS	$pSps_0$
Gatwick	776	96519	050	ps_0sssps_0	ps_0ssps
Thorney Island	871	92017	043	psif	pSif
Hurn	862	97506	///	pS_0ps	+
Guernsey	894	02007	012	$s_0s_0sssps_0$	ps_0ps
Wattisham	590	01527	///	ps_0	ps_0ps
Gorleston	497	93007	041	ps_0	ps_0
Mildenhall	578	96517	029	ps_0phps	$psps_0$
Cardington	559	92519	036	ps_0	$pSps_0$
West Raynham	485	94527	022	$psks_0if$	$psks_0$
Wittering	462	92517	038	ps_0	ps_0ps
Boscombe Down	746	91516	053	ps_0	ps_0
Ross-on-Wye	627	94007	026	is_0	ps_0
Bristol	628	91016	037	ps_0	ps_0
Aberporth	502	95017	012	ps_0	$is_0s_0s_0isif$
Rhoose (Cardiff)	715	97006	032	ps_0	is_0
Plymouth	827	91015	065	$isps_0$	ps_0
Chivenor	707	95021	057	ps_0	ps_0
St. Mawgan	817	97023	076	ps_0	is_0
Culdrose	809	97020	069	pr_0	is_0
Scilly	804	91041	043	ps	ps_0
Elmdon	534	96517	016	$s_0s_0fs_0s_0$	$psfps_0$
Shawbury	414	94507	002	$s_0s_0ps_0$	$s_0s_0is_0$
Manchester	334	03007	000	ps_0isssf	sss_0s_0
Squires Gate	318	01026	000	$s_0s_0is_0$	$s_0s_0ph_0psps_0f$
Valley	302	01035	003	ps_0ps	ps_0
Ronaldsway	204	97045	007	ps_0	ps_0
Carlisle	222	95023	005	ps_0psps_0	ps_0
Watnall	354	02519	003	ps_0	ps_0ssif
Spurn Head	396	01016	009	ps	ps
Finningley	360	02009	008	ps	psfssf
Dishforth	261	02007	000	ps_0ss	$ssis_0ps_0$
Tynemouth	262	04027	022	ss	$psps_0$
Eskdalemuir	162	02019	004	s_0s_0	$ssis_0is$
Mull of Galloway	131	97051	///	/	/
Prestwick	135	97051	008	+	pr_0ps_0
Renfrew	141	96045	004	pr_0s_0	is_0ss
Leuchars	171	03037	000	ps_0psf	ps_0ph_0
Dyce	091	01017	003	$psps_0$	ps_0
Wick	075	01045	003	$pr_0pr_0s_0$	$ps_0pspr_0s_0$
Cape Wrath	049	02042	///	ir	ir
Sule Skerry	010	91051	///	/	/
Lerwick	005	92025	001	$ps_0pr_0s_0pr_0$	$pr_0pr_0s_0ps_0$
Stornoway	026	95062	015	pr_0	pr_0
Benbecula	022	97061	034	+	pr_0
Tiree	100	97051	014	jp	pr_0s_0
Aldergrove	917	97045	011	ps_0	$r_0s_0ps_0$
Malin Head	980	9106/	008	/	/
Belmullet	976	9206/	009	/	/
Birr	965	9702/	000	/	/
Collinstown	969	9603/	001	/	/
Rineanna	962	9703/	003	/	/
Roches Point	952	0003/	030	/	/
Valentia	953	9704/	025	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33012	82116	66022	40806	8741/	00802	/////	/////	00004	12145	1////
B	60565	51012	71436	67022	25404	65520	00000	86620	/////	00150	11449	1////
C	60528	35512	10916	69020	39508	15700	00207	81650	/////	00106	11046	1////
D	60440	41012	60922	69808	23013	68500	00202	85820	/////	05208	10946	1////
I	60588	18412	83617	98022	39807	855//	00506	84625	88635	05403	13646	1////
J	60521	20112	50522	97158	33309	53500	06609	84925	/////	05503	10544	10647
K	60449	16512	50526	80031	21209	39530	51105	81920	83361	05703	10354	10845
M	63660	01912	72017	65012	27704	79400	00710	82910	87630	05552	11922	13242

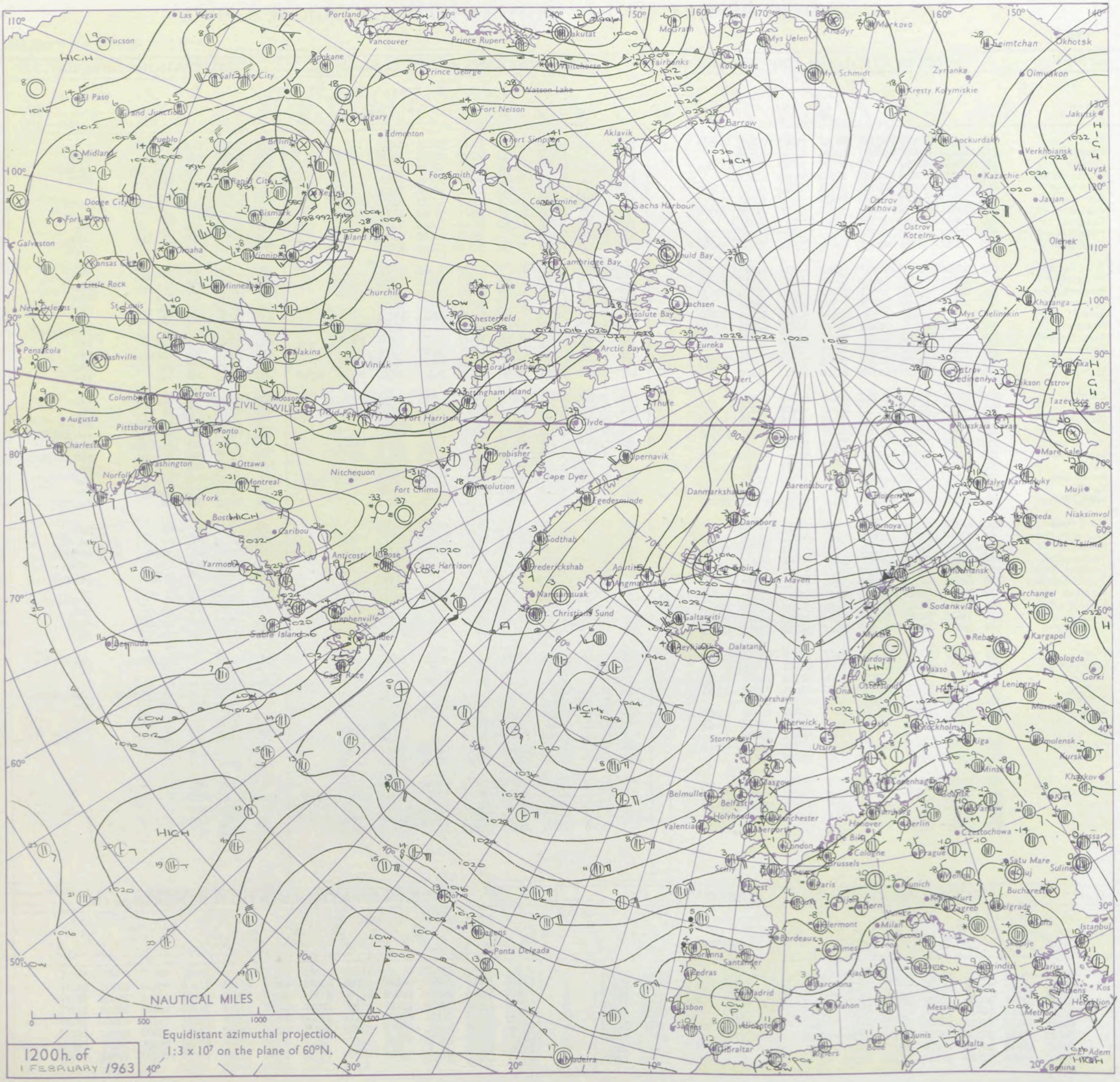
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33018	82216	66606	41006	6742/	00400	/////	/////	05105	12244	1////
B	60565	51018	71823	69021	27004	756//	00306	87640	/////	00201	11647	1////
C	60528	35518	00917	69020	39008	00900	00400	/////	/////	00106	10946	1////
D	60440	41018	31116	69258	22114	22530	00008	82820	/////	05109	11046	1////
I	60588	18118	83522	98026	37007	855//	01202	88628	/////	05403	13547	1////
J	60520	20118	70423	98258	32109	786//	00603	85838	87645	05405	10445	10657
K	60450	16318	50524	80038	20609	49530	11301	81920	83826	05603	10354	10745
M	63661	01918	72027	60032	24504	59452	00711	82910	84630	05500	11922	13343

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Explanation of symbols

CL

Symbol

WEA

Symbol

For each half-feather 5 knots

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OUD .
Cloud
Amount
(oktas) .

0
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n and snow
hower

w shower

l shower

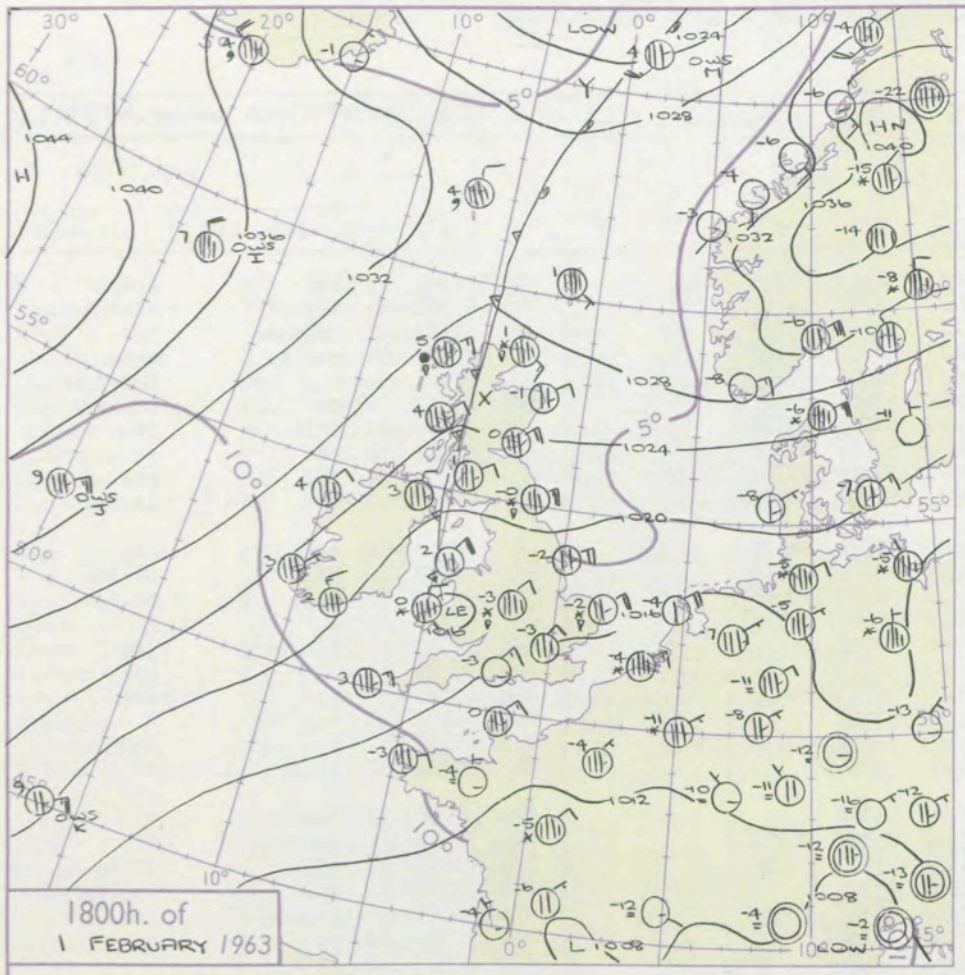
nderstorm

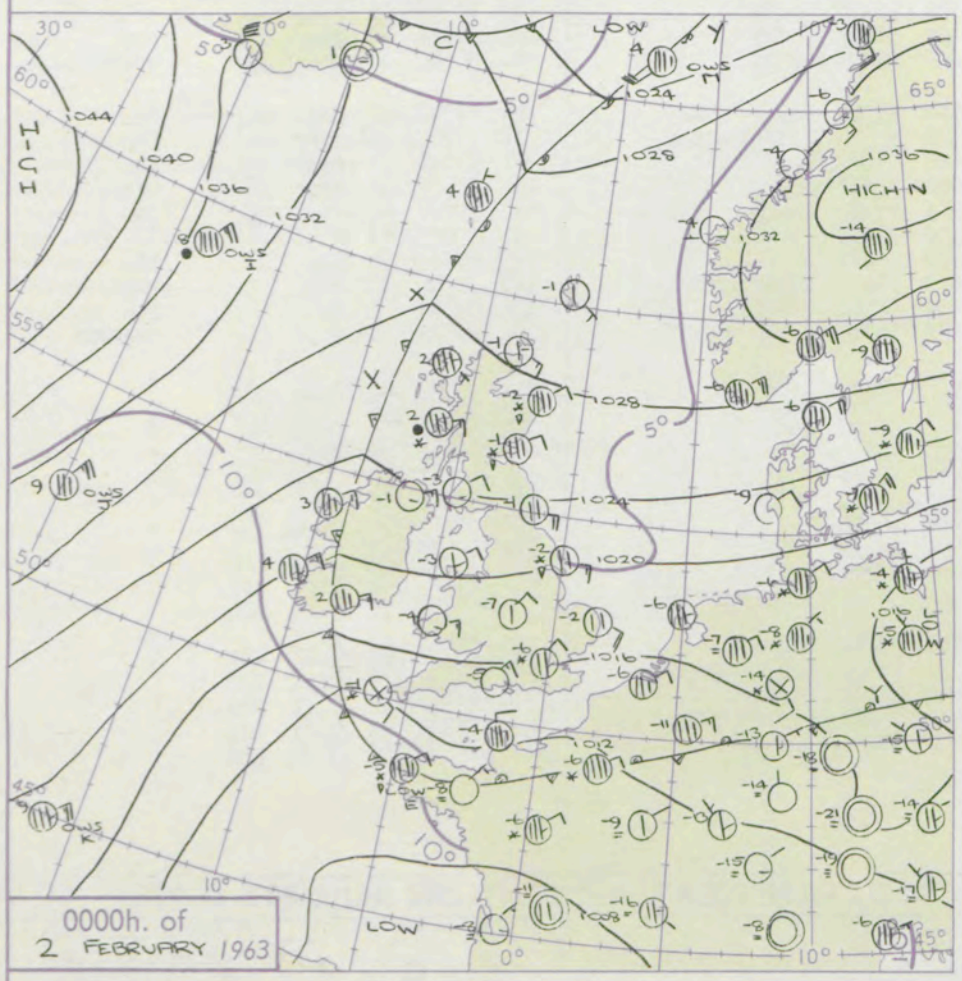
VIND.
Wind
speed
(knots)

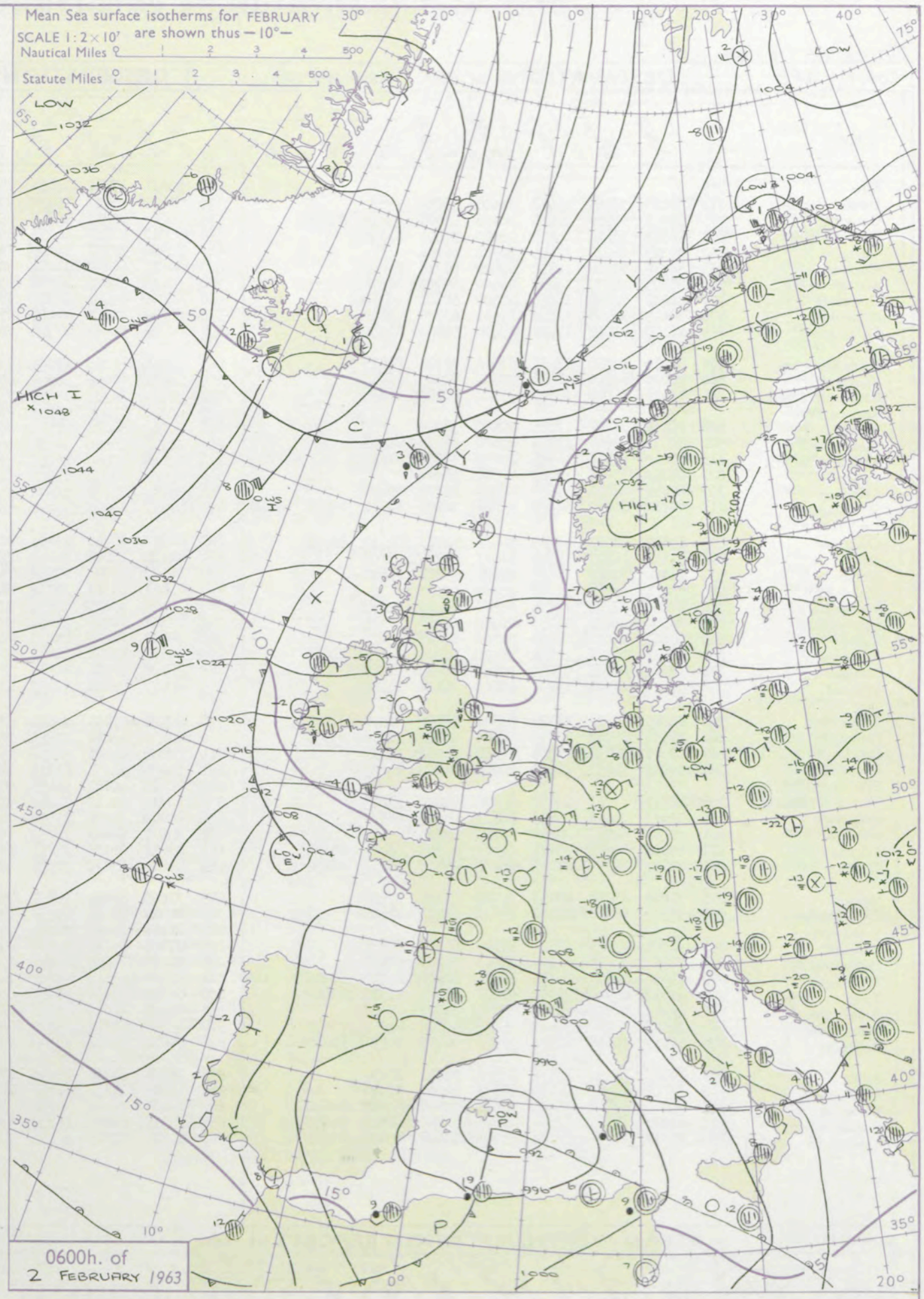
Calm
1–2
3–7
8–12
13–17

additional
her add

48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 2 February 1963

A small depression which formed over the Mersey area yesterday afternoon has moved south-westwards and will continue to move towards west Spain. An anticyclone has remained almost stationary to the southwest of Iceland whilst a trough of low pressure has moved east across the Norwegian Sea and will now be tranferred as a lee depression to the north Baltic area. A ridge of high pressure moving east behind the trough will move as a cell of high pressure into Scandinavia.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Continuing very cold in most parts of the British Isles with unbroken frost in many areas and severe frost at night. Snow at times in most areas, especially in east. Some bright periods, more especially in sheltered western areas.

OUTLOOK for following 24 hours

Continuing very cold in most areas with snow at times in many districts, especially in the east. General frost at night and persisting throughout the day in most central and southern districts.

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

Code FM 11.A

OBSERVATIONS at 00h. 2 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775								
London Airport	772	50210	37708	15456	55600	58804	85630		
Gatwick	776	50305	59268	14656	58400	58604	83818	83625	
Thorney Island	871	10310	59708	14256	15600	57001	81630		
Hurn	862	00313	66010	14455	00900	56704			
Guernsey	894	60316	70028	12252	62500	56716	86826		
Wattisham	590	60105	15858	16458	63400	59701	86918		
Gorleston	497	41018	62268	16452	43500	56601	84920		
Mildenhall	578	10405	63268	16959	15600	60702	81630		
Cardington	559	10110	61020	17058	15600	59802	81630		
West Raynham	485	80413	20858	17255	834//	56701	88915		
Wittering	462	20208	66028	18056	28600	57603	81815		
Boscombe Down	746	10411	66028	15957	15700	60503	81650		
Ross-on-Wye									
Bristol	628	00212	61011	17255	00900	58400			
Aberporth	502	10814	58017	17754	15600	57313	81645		
Rhoose (Cardiff)	715	10613	66017	16355	15600	57302	81640		
Plymouth	827	00720	59011	13853	00900	56710			
Chivenor	707	20613	68011	15253	28500	57504	81820		
St. Mawgan	817	80712	66707	14153	6562/	56603	84712	83632	88458
Culdrose	809	80612	58227	13552	834//	54713	84710	88618	
Scilly	804	91112	16717	11651	9/0//	51738	89/00		
Elmdon	534	20108	37268	18057	25600	59301	82630		
Shawbury	414	00307	40047	19556	00900	59108			
Manchester	334	60411	37701	19755	655//	58100	86625		
Squires Gate	318	00508	60021	21256	00900	58208			
Valley	302	30608	74018	20253	32500	55213	83820		
Ronaldsway	204	50818	74021	21751	58500	56206	82822	84635	
Carlisle	222	10501	80028	23655	10940	57206	81360		
Watnall	354	10206	61021	19058	15600	60400	81640		
Spurn Head	396	40915	48858	18452	43500	55102	82920	83825	
Finningley	360	30109	66268	20256	38400	58400	81816	83638	
Dishforth	261	23508	59158	21556	28400	61002	82815		
Tynemouth	262	40919	74028	22651	42600	52203	84830		
Eskdalemuir									
Mull of Galloway	131	30812	83011	23652	31500	54205	83825		
Prestwick	135	10411	74011	23953	15600	56204	81635		
Renfrew	141	00307	62017	24952	00900	57203			
Leuchars	171	60512	60858	25151	684//	53303	84018	84650	
Dyce	091	80611	28858	27352	884//	55202	84818	88630	
Wick	075	31016	83018	27651	35600	53400	83630		
Cape Wrath	049	70505	86022	27301	755//	52213	87625		
Sule Skerry									
Lerwick	005	21306	83028	29951	25600	56208	82630		
Stornoway	026	71207	74028	27402	756//	51206	87645		
Benbecula	022	70616	59838	26203	733//	00500	83707	87915	
Tiree	100	60813	83688	25302	656//	52004	81715	86640	
Aldergrove	917	10713	86018	22951	15600	58002	81640		
Malin Head	980	71027	82268	24002	785//	54307	84822	87650	
Belmullet	976	60515	74018	21903	635//	00709	84921	86640	
Birr	965	70617	74032	20300	756//	56201	87638		
Collinstown	969	70722	16857	20451	725//	54207	87825		
Rineanna	962	80413	66707	19601	856//	51607	85620	88640	
Roches Point	952	60517	82011	17402	685//	52510	82822	86640	
Valentia	953	70317	80028	18604	785//	53621	85822	87632	

OBSERVATIONS at 06h. 2 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80411	37717	15454	854//	56303	87705	88615	
London Airport	772	80412	23717	15455	874//	56302	88710		
Gatwick	776	80406	30717	14855	854//	56206	88617		
Thorney Island	871	80310	48717	14255	854//	56202	88615		
Hurn	862	70216	39717	14255	755//	56303	87625		
Guernsey	894	30912	62028	11254	32500	57602	83826		
Wattisham	590	80613	58028	17554	855//	55315	88625		
Gorleston	497	71020	64021	18752	755//	54216	87620		
Mildenhall	578	80711	66028	18154	855//	57312	82710	88622	
Cardington	559	80312	58707	17354	855//	57306	88626		
West Raynham	485	80718	66368	19054	855//	57214	88625		
Wittering	462	80811	66038	18855	854//	57312	88619		
Boscombe Down	746	70512	56718	15856	754//	59400	87618		
Ross-on-Wye	627	80510	57021	16955	864//	56400	88710		
Bristol	628	00312	56020	17358	00900	59702			
Aberporth	502	00714	58020	18455	00900	58203			
Rhoose (Cardiff)	715	40618	66030	16056	45600	58703	84635		
Plymouth	827	00322	62020	12855	00900	57710			
Chivenor	707	50715	66717	15555	55400	56001	82612	83625	
St. Mawgan	817	00517	80027	14056	00900	59504			
Culdrose	809	00520	66020	13456	00900	60803			
Scilly	804	40724	81027	12054	42500	55307	84822		
Elmdon	534	70309	48707	17855	755//	57500	87620		
Shawbury	414	03411	40360	19758	00900	59301			
Manchester	334	30408	59028	19854	31500	57303	83825		
Squires Gate	318	00212	60020	21655	00900	58201			
Valley	302	00610	74020	21053	00900	55203			
Ronaldsway	204	10216	83011	22853	15600	57303	81635		
Carlisle	222	30000	69858	24955	38400	56107	82818		
Watnall	354	40407	48268	19355	41400	56305	84812		
Spurn Head	396	60916	57858	20101	63500	54316	84920	85825	
Finningley	360	70407	63268	20854	785//	55304	82825	87641	
Dishforth	261	10209	74028	22457	15600	59206	81640		
Tynemouth	262	50924	74158	24151	52600	58207	85830		
Eskdalemuir	162	60309	40707	26455	655//	57312	86620		
Mull of Galloway	131	10716	82010	24952	12500	54207	81825		
Prestwick	135	00000	66028	25856	00900	58310			
Renfrew	141	70607	56868	26753	784//	54213	83818	87625	
Leuchars	161	20618	66018	26851	22400	54311	82818		
Dyce	091	80805	28878	28952	884//	54212	85818	88627	
Wick	075	71009	80021	29951	756//	56313	87639		
Cape Wrath	049	20909	86021	29552	25600	56219	82630		
Sule Skerry	010	41109	82011	28701	455//	53213	84625		
Lerwick	005	02206	83020	30953	00900	58110			
Stornoway	026	01210	74021	29901	00900	56220			
Benbecula	022	10706	83018	28251	18500	57219	81825		
Tiree	100	00910	89027	27253	00900	58310			
Aldergrove	917	00407	82020	24755	00900	57212			
Malin Head	980	40920	82038	25500	42500	55211	84825		
Belmullet	976	80810	74022	24400	885//	55215	83021	88640	
Birr	965	20206	74038	22455	28500	56214	81820		
Collinstown	969	50616	74858	21751	585//	61205	83822	85635	
Rineanna	962	10409	82017	21753	15600	55214	81640		
Roches Point	952	60315	80858	18852	634//	58210	84916	86640	
Valentia	953	00708	74021	20252	00900	57213			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	01559	55	is_o	s_os_oss
London Airport	772	01567	55	$is_os_os_o$	$is_os_os_osh$
Gatwick	776	02579	60	$ps_os_os_o$	s_os_o
Thorney Island	871	//577	58	ps_ois_o	s_os_o
Hurn	862	97576	59	+	$r_os_os_os_o$
Guernsey	894	03557	56	ps	$psps_o$
Wattisham	590	93597	63	$pspsc$	ps_o
Gorleston	497	92547	56	ps	+
Mildenhall	578	93597	64	ps_o	ps_o
Cardington	559	97587	60	+	$is_os_os_o$
West Raynham	485	03597	62	ps_o	is_o
Wittering	462	91577	60	ps	ps_ois_o
Boscombe Down	746	91587	60	ps_o	$ps_os_os_o$
Ross-on-Wye	627	97577	61	+	+
Bristol	628	92587	60	+	is_o
Aberporth	502	97557	58	+	ps_o
Rhoose (Cardiff)	715	97566	57	+	is_o
Plymouth	827	00555	57	+	+
Chivenor	707	91555	57	+	s_os_o
St. Mawgan	817	92566	57	$isis_o$	+
Culdrose	809	97576	57	$is_os_os_o$	+
Scilly	804	05558	//	$ssis_o$	+
Elmdon	534	01587	62	ps	$isks_c$
Shawbury	414	97597	61	ks_o	$ks_ois_os_os_o$
Manchester	334	01567	59	is_ops_o	ps_o
Squires Gate	318	00576	60	+	+
Valley	302	00533	55	+	+
Ronaldsway	204	00545	55	+	+
Carlisle	222	92567	60	ps_o	ps_o
Watnall	354	96597	67	ps_o	$ps_opsps_ois_o$
Spurn Head	396	01547	//	ps	ps
Finningley	360	92579	61	ps_o	ps_o
Dishforth	261	91607	61	ps_ops	ps_o
Tynemouth	262	01537	55	ps_o	ps_o
Eskdalemuir	162	92589	61	is_o	is_o
Mull of Galloway	131	00523	//	/	/
Prestwick	135	97563	61	ps_o	ps_o
Renfrew	141	91546	57	+	$psps_o$
Leuchars	171	02547	55	ps_o	ps_o
Dyce	091	95549	55	ps_o	ps_ophps
Wick	075	00513	53	+	+
Cape Wrath	049	00533	59	+	+
Sule Skerry	010	92513	53	/	/
Lerwick	005	97543	57	ps_o	+
Stornoway	026	97511	53	pr_o	+
Benbecula	022	91521	55	pr_o	+
Tiree	100	97551	60	pr_os_o	+
Aldergrove	917	00565	61	+	+
Malin Head	980	97003	52	/	/
Belmullet	976	01533	55	/	/
Birr	965	97566	61	/	/
Collinstown	969	97535	53	/	/
Rineanna	962	97573	59	/	/
Roches Point	952	97533	55	/	/
Valentia	953	95533	57	/	/

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33000	72316	70026	43006	745//	00703	/////	/////	00003	12333	1////
B	70565	51000	81108	63612	29003	855//	00303	88730	/////	00003	11544	1////
C	70528	35500	00711	69020	40907	00900	00400	/////	/////	00000	10946	1////
D	70440	41000	60922	69022	22814	32530	00502	83820	/////	05109	11046	1////
I	70589	18500	80125	98606	34708	855//	81814	85610	85920	05405	13547	1////
J	70521	20000	60126	98258	30009	69560	81823	85920	/////	05404	10145	10556
K	70449	16000	70427	70032	19609	757//	11712	87650	/////	05602	10445	10853
M	73661	01900	82330	60261	20704	894//	41728	86910	/////	05600	12323	13342

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33006	82424	72022	43704	855//	00207	/////	/////	05403	12333	1////
B	70565	51006	81411	56516	29405	864//	00308	88710	/////	00204	11444	1////
C	70528	35506	40718	69020	40207	40930	00205	84360	/////	05106	10944	1////
D	70440	41006	21123	69021	21513	22500	00603	82820	/////	05209	11046	1////
I	70589	18506	80228	98036	33408	855//	81304	88625	/////	05305	13646	1////
J	70523	19906	50128	98038	26309	52500	81623	85820	/////	05304	10148	10556
K	70450	15706	70123	70252	15708	785//	11724	83845	85630	05803	10345	10853
M	73659	01706	42935	60802	14003	49400	51626	83910	/////	05750	12922	12335

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 15963

Date of Issue Sunday 4 February 1963

ERSION BLE o °F

Code FM 11.A — **OBSERVATIONS at 12h.** 2 February 1963

	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
104	Kew	775	70714	33857	18652	784//	56110	85812	87620	
102	London Airport	772	70718	33717	18852	755//	55216	86714	87625	
100	Gatwick	776	50620	50367	17353	45510	56313	84622	85465	
99	Thorney Island	871	20518	48057	16553	16430	56209	81710		
97	Hurn	862	70512	48017	15952	756//	55207	85710	87630	
95	Guernsey	894	80720	32028	12352	884//	56006	84815	88630	
93	Wattisham	590	50618	40368	20854	52500	56112	85822		
91	Gorleston	497	70820	62022	21851	755//	56210	87620		
90	Mildenhall	578	20913	61018	21452	22500	56214	82820		
88	Cardington	559	50418	63027	20953	52500	56216	85820		
86	West Raynham	485	30518	61268	22153	38400	56111	81815		
84	Wittering	462	20814	66017	22252	28500	56113	81820		
82	Boscombe Down	746	70620	50367	17853	45432	56213	84618	85070	
81	Ross-on-Wye	627	80714	60027	20353	864//	56220	88715		
79	Bristol	628	70620	58387	19253	785//	56110	83820	87645	
77	Aberporth	502	50722	66268	20853	11442	57112	81818	85075	
75	Rhoose (Cardiff)	715	70621	62038	18653	5542/	54215	85618	87462	
73	Plymouth	827	80616	23717	15253	1741/	54020	81712	88460	
72	Chivenor	707	70615	40717	17652	45508	54210	82708	84620	87275
70	St. Mawgan	817	60618	66033	15853	21501	57214	82820	85075	
68	Culdrose	809	70626	64363	14553	4541/	57110	84618	87465	
66	Scilly	804	70827	74033	13451	52506	54104	85822	87270	
64	Elmdon	534	20614	56367	21753	22500	57216	82820		
63	Shawbury	414	50712	61028	23053	51500	56216	85820		
61	Manchester	334	20714	50018	23752	28600	54116	82830		
59	Squires Gate	318	70717	32858	24851	785//	53214	86822		
57	Valley	302	40617	69021	23851	31501	53211	83825		
55	Ronaldsway	204	40518	83020	25751	42500	57214	84820		
54	Carlisle	222	00505	66018	27853	00900	56007			
52	Watnall	354	20713	58038	23653	21500	56118	82820		
50	Spurn Head	396	40916	63028	23600	45500	00212	84620		
48	Finningley	360	70408	56038	24651	785//	55215	83825	86640	
46	Dishforth	261	40607	32858	25652	42400	53112	82815	83630	
45	Tynemouth	262	40916	74268	26600	42500	54209	84824		
43	Eskdalemuir	162	20309	70227	29053	28400	55111	81816		
41	Mull of Galloway	131	30615	83032	26352	32500	54701	83825		
39	Prestwick	135	30309	58038	28752	38400	54014	82818		
37	Renfrew	141	60000	32048	29852	655//	55210	81622	86640	
36	Leuchars	171	60110	32858	29051	633//	52108	81708	83815	82915
34	Dyce	091	73403	40858	30553	784//	55003	81812	84815	85630
32	Wick	075	72706	89038	29801	55806	81625	87070		
30	Cape Wrath	049	41802	86012	31650	45630	52210	84630		
28	Sule Skerry	010	63202	80031	30201	556/2	56201	85630		
27	Lerwick	005	72613	87701	28001	756//	52722	87635		
25	Stornoway	026	71505	89031	32002	25631	55111	82640	86359	
23	Benbecula	022	21009	89020	31501	15601	58113	81630		
21	Tiree	100	10803	89020	30801	11501	57108	81826		
19	Aldergrove	917	40613	82019	27551	41500	53007	84822		
18	Malin Head	980	50918	89268	29201	525//	56114	85821		
16	Belmullet	976	20813	83031	28002	22500	55216	82827		
14	Birr	965	70413	66858	25252	735//	54108	87920		
12	Collinstown	969	70619	80858	25050	735//	55214	87920		
10	Rineanna	962	20320	80028	24651	22500	54208	82825		
9	Roches Point	952	30623	80020	20700	39400	57203	83918		
7	Valentia	953	20628	83010	23000	22500	56213	82825		

Code FM 11.A — **OBSERVATIONS at 18h.** 2 February 1963

	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
	775	30314	60013	18952	35500	56102	83620		
	772	70313	58037	19653	454//	56203	84715	87628	
	776	70310	60022	18253	754//	57203	87618		
	871	10418	69011	18053	14600	57304	81630		
	862	20513	59363	17953	25500	57213	82623		
	894	60626	56363	13751	52402	57313	82815	84820	
	590	70113	56707	20054	755//	55603	87622		
	497	70320	60268	20251	745//	54607	87622		
	578	30205	61038	20655	38500	56803	81820		
	559	73610	58701	21053	756//	54400	87630		
	485	30318	58368	20654	33400	55810	83915		
	462	30209	61018	22154	35400	55000	83618		
	746	00515	69013	19854	00900	59213			
	627	80511	60021	21752	864//	56110	88715		
	628	60416	66033	20853	61500	56205	86822		
	502	10617	58021	22453	11500	56211	81825		
	715	30522	61031	19653	35500	57210	83620		
	827	10416	48047	17353	15401	57218	81615		
	707	10617	62017	18952	15430	56012	81612		
	817	10519	58011	17653	15501	57213	81625		
	809	80524	50052	15853	854//	58211	83615	87623	
	804	70827	58022	16051	754//	55221	82812	87615	
	534	70210	28043	22153	754//	55104	87615		
	414	70108	59023	23552	785//	56007	84820	85640	
	334	20106	23011	24053	28500	55204	81825		
	318	00309	19048	25353	00900	57002			
	302	60411	61041	25150	624//	55211	82818	86825	
	204	10211	66020	26252	11500	56104	81820		
	222	53502	66030	27454	55740	56502	85650		
	354	60307	40858	23054	614//	55101	86818		
	396	70217	58038	22451	755//	55805	87620		
	360	10108	48018	23754	15600	56803	81640		
	261	23308	56058	24655	25600	58803	82630		
	262	80215	61038	25601	864//	52810	88715		
	162	43403	66227	28355	45600	57605	84630		
	131	10220	83021	26652	11500	54214	81825		
	135	40102	37041	28352	48400	54002	81615	83650	
	141	33402	28041	28452	25641	55803	82640		
	171	12606	66048	26957	15701	62813	81650		
	091	53009	66038	27855	55600	57721	85640		
	075	82914	80707	26151	4562/	52727	84635	88458	
	049	82709	85852	26801	875//	00727	88725		
	010	82813	81038	26104	865//	03727	88720		
	005	73508	74218	22602	756//	51720	83630	87656	
	026	72503	89022	28900	7097/	56718	87358		
	022	73309	86031	30001	756//	58811	81630	87650	
	100	13401	89020	29953	14501	58806	81625		
	917	20506	82031	28452	28500	55207	81825		
	980	30311	86018	29601	32500	56105	83825		
	976	40708	83030	29251	44600	56210	84631		
	965	30312	81018	26852	38500	55216	81822	83633	
	969	80311	74028	26350	835//	54212	81924	88631	
	962	70415	82032	26300	785//	57216	84825	87640	
	952	70212	78038	23251	756//	56317	87635		
	953	20715	82010	24451	22500	55112	82825		

OBSERVATIONS during DAY

	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	775	92529	006	$s_0s_0ps_0ks$	ks_0s_0
	772	91527	010	$s_0s_0s_0$	s_0
	776	97529	031	$s_0s_0ps_0$	ps_0
	871	97527	048	s_0	+
	862	91516	///	$s_0s_0s_0$	+
	894	92519	006	ps_0	+
	590	91537	///	ps_0ks_0	$s_0s_0s_0$
	497	94517	012	ps_0	$ps_0s_0s_0$
	578	97517	050	ps_0ks_0	ks_0ps_0
	559	92526	025	s_0	s_0s_0
	485	01539	021	ps_0ks_0ps	ks_0ps_0
	462	91526	047	s_0s_0	ps_0s_0
	746	00536	017	ks_0	+
	627	97527	018	s_0s_0	+
	628	97526	024	+	+
	502	97526	036	ps_0	+
	715	97526	015	s_0ps_0	+
	827	97515	016	s_0s_0	+
	707	91515	032	s_0s_0	+
	817	00525	030	+	+
	809	00525	000	ks_0	+
	804	00518	040	+	+
	534	92537	048	s_0s_0ks	ps_0
	414	97517	059	$s_0s_0ks_0$	+
	334	97517	060	s_0	+
	318	97005	041	ps_0	+
	302	00003	049	+	+
	204	00005	063	+	+
	222	97516	075	+	s_0
	354	91519	042	$s_0s_0ps_0$	ps_0
	396	92007	039	ps	ps
	360	92519	031	s_0ps	+
	261	95517	039	$psps_0$	ps_0
	262	01017	019	ps_0	ps_0psphs
	162	93539	058	s_0	s_0
	131	00003	///	/	/
	135	00503	058	+	+
	141	97016	034	ps_0	+
	171	01517	036	ps_0	+
	091	92529	031	ps_0ps	+
	075	94015	026	pr_0	s_0ph_0
	049	94031	///	+	ps
	010	01041	///	/	/
	005	01023	010	$s_0r_0s_0$	$r_0r_0ps_0$
	026	93031	038	+	ps_0prs
	022	00023	079	+	+
	100	00023	080	+	+
	917	97005	061	ps_0	+
	980	9701	033	/	/
	976	0002	082	/	/
	965	9700	043	/	/
	969	9101	009	/	/
	962	9701	061	/	/
	952	9700	017	/	/
	953	0004	066	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33012	72312	70258	44106	794//	00603	/////	/////	05105	12333	1////
B	70565	51012	81413	69025	33705	856//	00217	88635	/////	00304	11443	1/////
C	70528	35512	80714	69022	41107	5572/	00105	85650	88558	00003	10844	1////
D	70440	41012	50921	69358	21814	58500	00005	84820	/////	05108	11045	1////
I	70591	18612	60515	98012	34708	655//	81003	86625	/////	05304	10336	13645
J	70525	19712	50502	98258	24909	42460	11611	83828	/////	05204	10143	13519
K	70450	16112	53525	75158	10910	59542	11723	81920	83825	05505	13445	10453
M	73659	01912	73340	65871	16303	79400	71214	83915	/////	05751	18240	1////

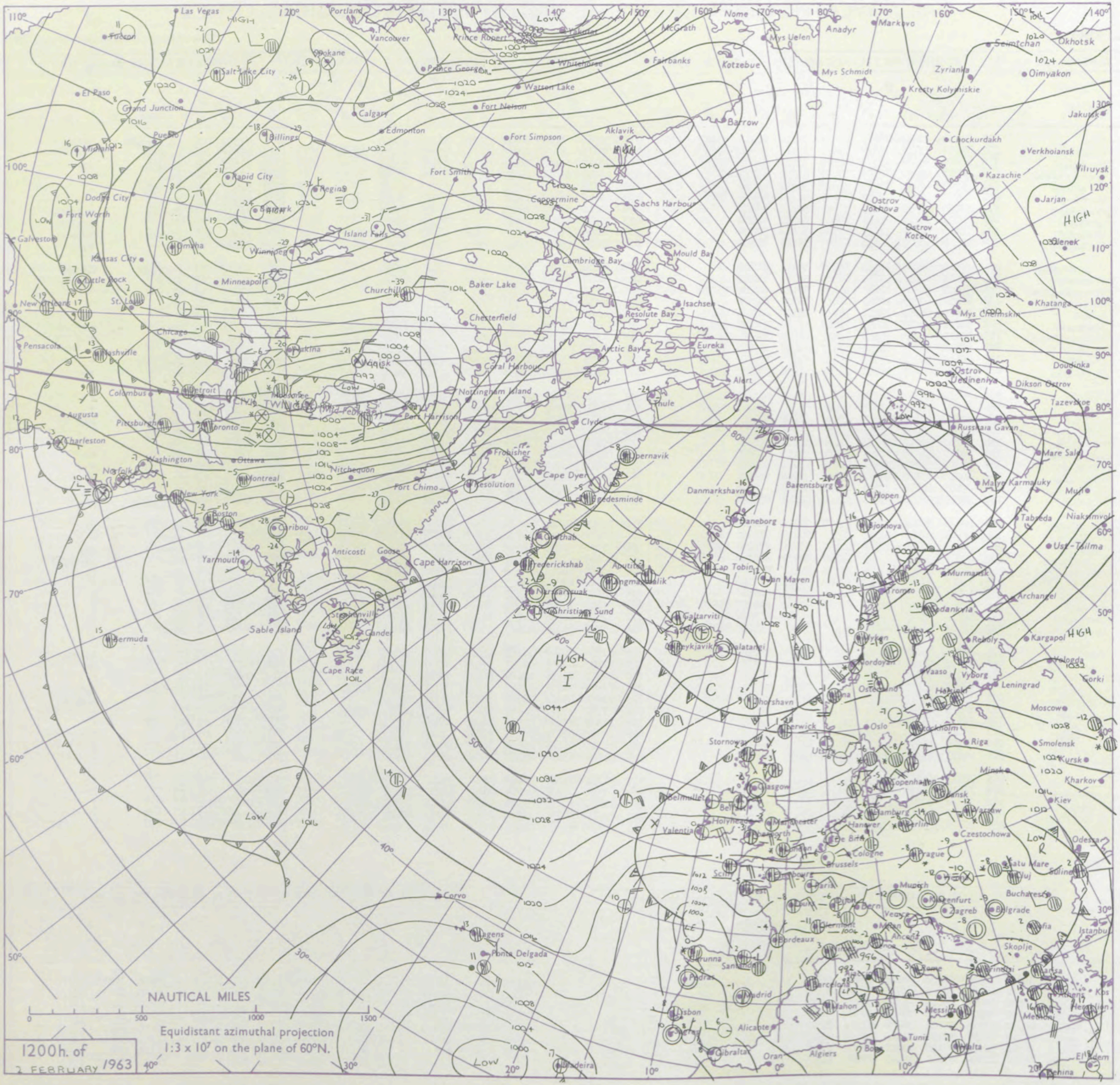
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33018	72316	76022	42005	75600	00710	/////	/////	05104	12333	1////
B	70565	51018	41417	61104	35305	46200	00103	84705	/////	00405	11434	1////
C	70528	35518	80515	65602	39907	855//	00608	88627	/////	05103	10634	1////
D	70440	41018	41120	69028	21813	42500	0000	84820	/////	05209	11046	1////
I	70590	18518	70406	98022	35308	755//	00000	87620	/////	05403	10534	14915
J	70525	19518	50622	97028	25809	53500	00003	85925	/////	05304	10644	10257
K	70451	15918	60633	65258	09306	63500	11304	81920	83819	06404	10547	13554
M	73660	01818	43336	602525	17401	49400	71304	84910	/////	06054	18242	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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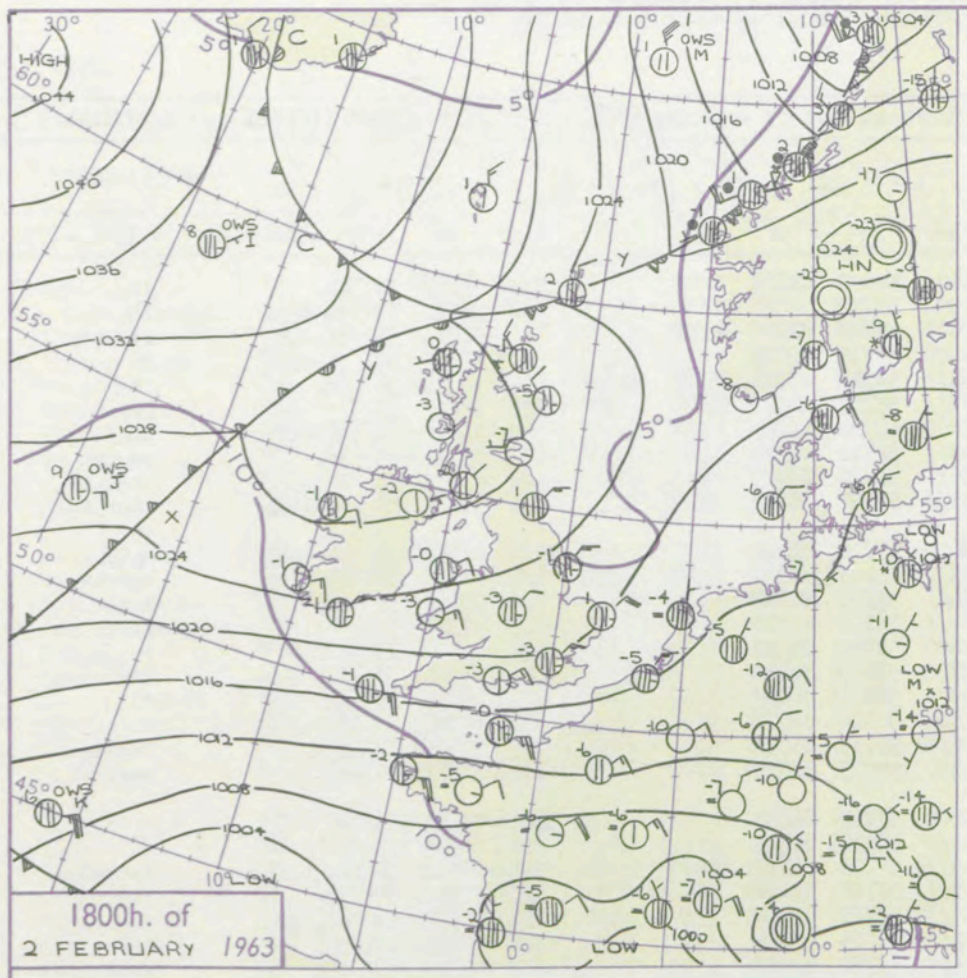

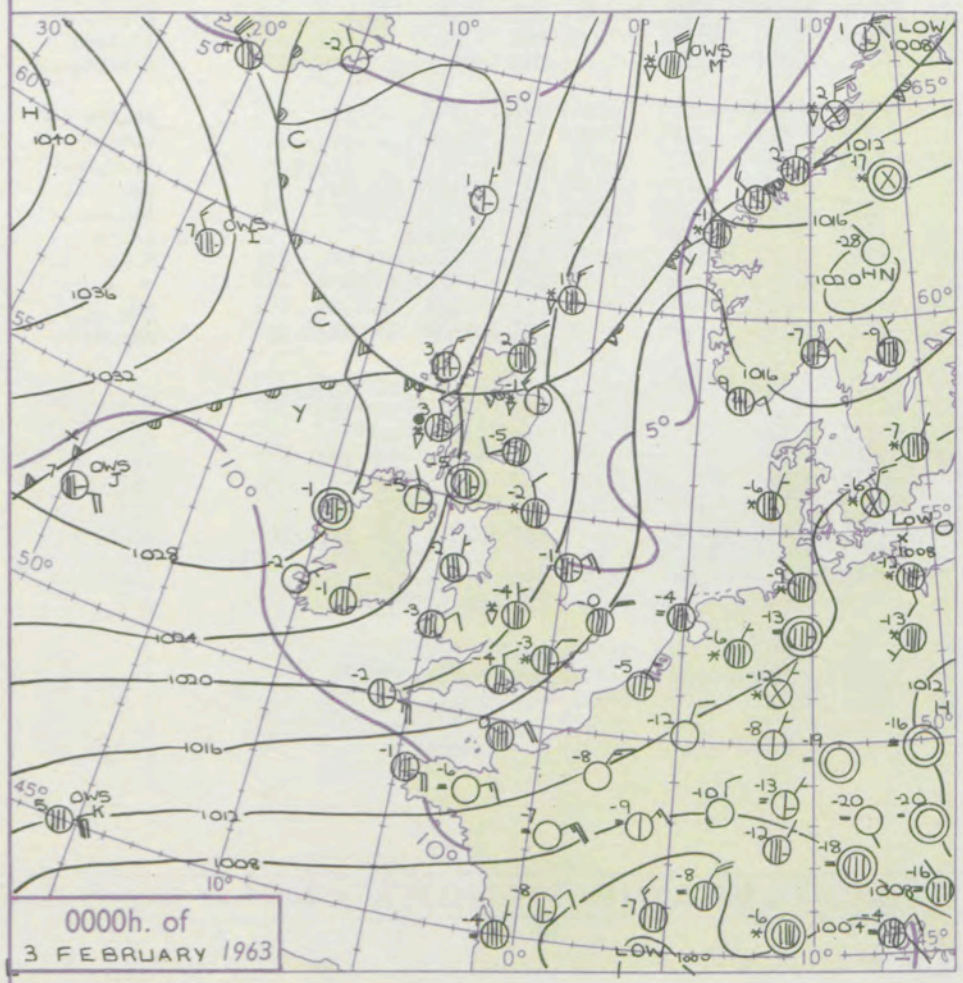

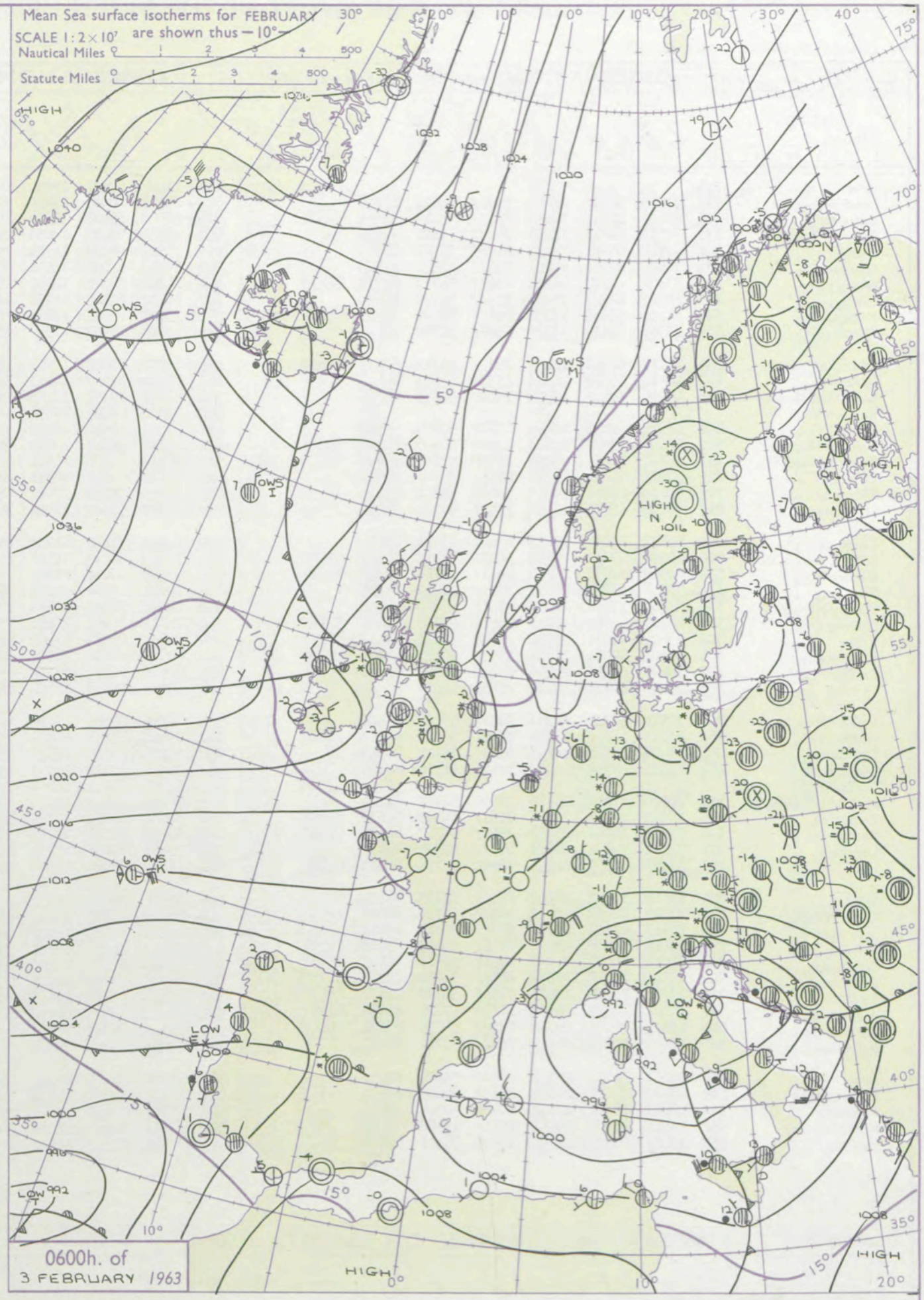

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Sunday 3 February 1963

A low pressure system developed during yesterday and last night over much of the Baltic and North Sea whilst a trough of low pressure moved south across Scotland and into Northern Ireland and northern England. This low pressure system will continue to deepen and its main centre is expected to move southwest into the Channel. A deepening low which has formed to the north of Iceland is expected to move southeast and later turn south towards Ireland. Pressure will remain high over and to the south of Greenland and an associated ridge will move east.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Some bright periods but mostly cloudy with snow at times in most areas; moderate to heavy falls in some areas. Temperatures this afternoon slightly above freezing in many areas of the north. General frost tonight.

OUTLOOK for the following 24 hours.

Continuing cold. Snow at times in many areas.

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

Code FM 11.A

OBSERVATIONS at 00h. 3 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775			53					
London Airport	772	70210	56717	17453	756//	55717	87635		
Gatwick	776	83607	30717	16653	854//	55815	83614	87622	
Thorney Island	871	70111	66717	17253	755//	55808	87625		
Hurn	862	63510	66031	17854	655//	56709	86623		
Guernsey	894	70420	62363	15851	785//	57000	87825		
Wattisham	590	83308	48707	16654	856//	55717	82715	88635	
Gorleston	497	80320	62227	16850	855//	52720	88620		
Mildenhall	578	81105	58718	17252	856//	53721	85713	88632	
Cardington	559	73308	56717	18354	756//	56715	8764		
West Raynham	485	70117	66018	17252	756//	54714	84635	87656	
Wittering	462	53510	58227	18854	55500	55821	85622		
Boscombe Down	746	13609	59227	18854	15400	56808	81616		
Ross-on-Wye									
Bristol	628	60212	66012	20554	65600	56806	86630		
Aberporth	502	60409	59031	22453	11506	568 6	81820	86210	
Rhoose (Cardiff)	715	20311	62011	20254	25400	57606	82615		
Plymouth	827	80415	62031	19652	855//	56803	88625		
Chivenor	707	50610	62021	20552	55400	55201	85618		
St. Mawgan	817	70108	62031	20453	755//	57001	87624		
Culdrose	809	60420	82012	19253	654//	56212	86618		
Scilly	804	50925	69022	19852	584//	54217	83812	85615	
Elmdon	534	83507	32858	19754	854//	55718	82712	88617	
Shawbury	414	73514	23041	21456	757//	58819	87656		
Manchester	334	83503	17708	20956	855//	59720	88625		
Squires Gate	318	70108	40041	22253	15602	55720	81635	87073	
Valley	302	63604	63031	23052	35608	55713	83645	86272	
Ronaldsway	204	40107	69011	23554	18532	56820	81825	83075	
Carlisle	222	10105	62011	23556	10940	59820	81362		
Watnall	354	73409	40858	19654	6563/	55819	86630		
Spurn Head	396	70514	58038	18551	725//	53720	87825		
Finningley	360	83312	32718	20053	854//	55720	84617	88644	
Dishforth	261	63409	56058	20753	65600	55721	86640		
Tynemouth	262	83412	58708	20852	8062/	54726	88540		
Eskdalemuir									
Mull of Galloway	131	20106	83020	24952	28600	54717	81825		
Prestwick	135	70000	60041	23655	756//	56729	82630	86657	
Renfrew	141	72903	48041	23453	755//	56727	82625	87640	
Leuchars	171	82308	74031	21655	856//	57736	88637		
Dyce	091	33017	62857	21051	38500	53736	81820	83635	
Wick	075	83618	82027	20702	856//	52723	88635		
Cape Wrath	049	83609	82028	23002	865//	52723	88720		
Sule Skerry	010	83613	81028	22703	865//	00718	88720		
Lerwick	005	73614	60858	19901	784//	51717	82818	87656	
Stornoway	026	73614	86028	25003	785//	52713	81825	87642	
Benbecula	022	60311	74022	24502	684//	52732	82818	86640	
Tiree	100	73312	74838	24903	785//	54733	82822	87635	
Aldergrove	917	33301	74011	25355	15630	57822	81630	83360	
Malin Head	980	73515	86021	25702	785//	54725	83825	87640	
Belmullet	976	70000	80021	28251	756//	53711	87637		
Birr	965	22601	74030	26857	25600	58704	82636		
Collinstown	969	83313	74021	24952	856//	56609	88631		
Rineanna	962	03609	80020	27057	00900	59301	52015		
Roches Point	952	73511	78031	24551	756//	55802	87630		
Valentia	953	10407	80020	26452	12500	56111	81825		

OBSERVATIONS at 06h. 3 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	13407	60027	13054	1560[illegible]	56820	81630		
London Airport	772	03411	48017	13454	0090[illegible]	56722			
Gatwick	776	53508	59017	12954	55600	56720	83709	85640	
Thorney Island	871	23516	66017	13853	25500	55719	82625		
Hurn	862	73511	58037	14754	755//	56714	82708	85709	87628
Guernsey	894	80316	61858	14551	885//	55709	84820	87630	
Wattisham	590	13214	58017	12357	15600	58721	81630		
Gorleston	497	80112	60718	11751	855//	52722	88620		
Mildenhall	578	73407	48037	12855	756//	55723	87645		
Cardington	559	83108	19707	13953	855//	54722	88620		
West Raynham	485	13407	69018	12654	15600	57726	81640		
Wittering	462	73410	37227	14053	755//	54723	87620		
Boscombe Down	746	63507	37707	15955	654//	57719	86616		
Ross-on-Wye	627	63404	60027	15654	664//	56722	86710		
Bristol	628	63605	66022	18256	65600	57709	86630		
Aberporth	502	43611	59011	17352	45700	56830	84650		
Rhoose (Cardiff)	715	63410	62031	16654	6097/	56721	86459		
Plymouth	827	33313	62031	16553	21501	56714	82820		
Chivenor	707	83605	35708	17652	854//	55717	88617		
St. Mawgan	817	30309	61012	17553	35500	59817	83625		
Culdrose	809	40313	78022	17253	45500	57717	84620		
Scilly	804	70418	63012	17100	754//	52716	87616		
Elmdon	534	73206	48858	15155	785//	57726	84820	87626	
Shawbury	414	73411	56037	16254	757//	55728	87656		
Manchester	334	70000	58027	15854	756//	57725	87640		
Squires Gate	318	73313	66021	15851	756//	54735	87641		
Valley	302	80000	63237	17352	855//	55730	88625		
Ronaldsway	204	80000	80851	16800	6857/	53834	82825	85640	
Carlisle	222	82506	62717	17054	856//	56732	83720	88635	
Watnall	354	33406	58018	14654	35600	56726	83640		
Spurn Head	396	83316	48868	13652	894//	52731	88910		
Finningley	360	73012	63038	14552	755//	56726	87623		
Dishforth	261	80105	82707	14553	855//	57733	88628		
Tynemouth	262	82916	66028	13653	856//	55740	88636		
Eskdalemuir	162	33306	66011	16852	35600	55732	83633		
Mull of Galloway	131	80110	81032	18100	865//	51759	88720		
Prestwick	135	81502	62031	17354	855//	55728	81622	88657	
Renfrew	141	30000	74021	17752	35700	55621	83650		
Leuchars	171	63412	80037	15401	656//	52726	86643		
Dyce	091	23312	80268	16100	25600	51721	82535		
Wick	075	70121	74268	16901	784//	51722	82815	87640	
Cape Wrath	049	83609	83838	19102	875//	56716	88725		
Sule Skerry	010	83618	74878	18903	865//	53719	88720		
Lerwick	005	33515	80268	15951	39400	53618	83918		
Stornoway	026	73413	83022	20502	756//	53721	87645		
Benbecula	022	80209	80038	20902	856//	52720	88647		
Tiree	100	70117	83038	19503	785//	51720	81820	87640	
Aldergrove	917	83006	48717	18751	854//	52734	86708	88619	
Malin Head	980	70321	69808	18903	734//	02730	84919	87640	
Belmullet	976	83009	80021	21504	856//	03840	88640		
Birr	965	52604	74031	22656	556//	56728	85636		
Collinstown	969	83010	74031	19653	855//	57729	85629	88656	
Rineanna	962	13303	74030	22657	15500	58730	81628		
Roches Point	952	13414	78021	21553	15600	56722	81640		
Valentia	953	03312	80010	23552	00900	57723			

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONV TA °C
Kew	775	91549	58	is_o	is_o	40
London Airport	772	91577	58	$is_os_os_o$	is_o	39
Gatwick	776	91549	56	$is_os_os_o$	$is_os_os_o$	38
Thorney Island	871	97557	57	$is_os_os_o$	+	37
Hurn	862	97556	58	ps_o	is_ops_o	36
Guernsey	894	97527	53	+	ps_o	35
Wattisham	590	91577	58	$s_os_ois_o$	ps_of	34
Gorleston	497	02547	60	is_o	$ps_oiss_os_o$	33
Mildenhall	578	91567	63	s_os_o	is_os_oc	32
Cardington	559	97557	57	$s_os_ois_o$	$is_os_os_o$	31
West Raynham	485	91559	59	$ps_os_os_o$	s_os_o	30
Wittering	462	91557	59	$is_os_os_o$	$s_os_ois_o$	29
Boscombe Down	746	91567	59	is_o	s_os_o	28
Ross-on-Wye	627	97567	60	+	is_o	27
Bristol	628	00566	59	+	+	26
Aberporth	502	97546	53	+	is_o	25
Rhoose (Cardiff)	715	00563	58	+	+	24
Plymouth	827	00543	57	+	+	23
Chivenor	707	97535	56	+	ps_ois_o	22
St. Mawgan	817	97556	56	+	ps_o	21
Culdrose	809	00543	55	+	+	20
Scilly	804	00535	//	+	+	19
Elmdon	534	97557	58	$ps_os_os_o$	$s_os_ops_o$	18
Shawbury	414	97577	59	is_o	is_o	17
Manchester	334	91577	58	$ps_os_os_o$	is_o	16
Squires Gate	318	97545	57	+	is_o	15
Valley	302	97536	56	is_o	$is_os_os_o$	14
Ronaldsway	204	97555	59	+	pr_o	13
Carlisle	222	97576	61	+	$is_os_os_o$	12
Watnall	354	97559	57	ps_o	$s_os_ops_o$	11
Spurn Head	396	01537	//	ps	ps_ois_o	10
Finningley	360	92569	59	$ps_os_os_o$	sss_os_o	9
Dishforth	261	94567	56	pr_ops	$is_os_os_o$	8
Tynemouth	262	93547	54	ps_o	ps_o	7
Eskdalemuir	162	97627	63	+	is_o	6
Mull of Galloway	131	00533		/	/	5
Prestwick	135	00583	63	+	+	4
Renfrew	141	00566	60	+	+	3
Leuchars	171	92597	61	is_o	ps_o	2
Dyce	091	01539	53	$is_os_os_o$	ps_ops	1
Wick	075	92505	52	$r_os_or_{8o}$	ps_o	0
Cape Wrath	049	92013	54	prs	prs	−1
Sule Skerry	010	91015	00	/	/	−2
Lerwick	005	92515	53	ps_o	pr_o	−3
Stornoway	026	97011	01	+	$ph_?$	−4
Benbecula	022	95013	52	pr_o	ps_o	−5
Tiree	100	91511	53	$pr_os_opr_o$	ph_or_o	−6
Aldergrove	917	01557	60	+	s_os_o	−7
Malin Head	980	01011	54	/	/	−8
Belmullet	976	97533	57	/	/	−9
Birr	965	97596	63	/	/	−10
Collinstown	969	00555	56	/	/	−11
Rineanna	962	97573	51	/	/	−12
Roches Point	952	97533	56	/	/	−13
Valentia	953	00543	56	/	/	−14

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33000	42420	76012	38005	41600	00726	/////	/////	05202	12445	1////
B	10565	51000	81417	37514	33704	863//	00803	88705	/////	00103	11445	1////
C	10528	35500	30518	69216	39506	35500	00805	83630	/////	05005	10634	1////
D	10440	41000	10917	69011	22313	11500	00400	81820	/////	05207	10745	1////
I	10590	18400	73217	98022	32807	785//	00719	83825	87630	05403	13373	14974
J	10525	19400	70820	98028	28607	785//	00113	82825	86645	05652	10844	10616
K	10451	15600	60632	60258	11005	69400	21203	81916	84820	06450	10547	10154
M	13659	02000	83530	60851	17301	894//	81201	88910	/////	06152	18640	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33006	02822	76020	31904	00900	00725	/////	/////	05302	12867	1////
B	10565	51006	91427	05434	36104	9/0//	00708	89/03	/////	00104	11445	1////
C	10528	35506	60517	69021	38007	65500	00505	86630	/////	05005	10634	1////
D	10440	41006	11120	69020	21113	11500	00603	81820	/////	05308	11045	1////
I	10589	18106	83517	98026	27507	855//	00725	88625	/////	05405	13534	1////
J	10525	19506	60105	98201	29307	685//	00500	81828	86645	05700	101/0	10745
K	10449	16106	50536	60879	11006	59400	21706	82910	84821	0////	1////	1////
M	13660	02006	50122	65272	17450	59400	81204	85910	/////	06354	10148	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36964

Date of Issue Monday 4 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 3 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	73303	37027	09450	754//	56823	81617	87625	
London Airport	772	73305	57037	09850	756//	55822	87630		
Gatwick	776	53203	32717	09952	55600	55820	85635		
Thorney Island	871	33209	40227	10852	25401	55822	82615		
Hurn	862	43412	64018	11251	25630	54721	82640	83362	
Guernsey	894	70213	62028	12351	784//	56813	82712	85818	
Wattisham	590	73013	50228	07853	756//	55829	83635	87650	
Gorleston	497	73210	48707	07151	755//	53733	87624		
Mildenhall	578	73005	48717	08452	756//	54829	87635		
Cardington	559	72709	57227	09551	15618	55726	81640	84460	85268
West Raynham	485	82712	48707	07553	8602/	55833	88540		
Wittering	462	82913	32717	09153	856//	55833	88630		
Boscombe Down	746	23309	69017	11853	15632	56721	81640		
Ross-on-Wye	627	70000	77262	11151	55530	55725	85625		
Bristol	628	72907	66021	12352	7097/	55825	87358		
Aberporth	502	93105	14737	12300	9/0//	51727	89/00		
Rhoose (Cardiff)	715	73105	69011	12251	785//	56726	81820	87640	
Plymouth	827	23309	59011	13351	18401	56720	81818		
Chivenor	707	73510	80037	12701	784//	52824	81818	87645	
St. Mawgan	817	70311	59858	13851	784//	53722	84815	87630	
Culdrose	809	80108	69707	14201	884//	56720	82818	88625	
Scilly	804	80413	83032	15201	855//	52713	88620		
Elmdon	534	73118	28227	09951	755//	55830	84625	87635	
Shawbury	414	73311	62027	10951	784//	54727	81815	87656	
Manchester	334	73007	30047	10451	756//	55728	87640		
Squires Gate	318	73507	14047	11300	756//	53722	87638		
Valley	302	70000	61227	12002	756//	54726	81705	83715	87635
Ronaldsway	204	53512	74028	12502	585//	51719	81820	85645	
Carlisle	222	43205	66017	12100	48500	54725	82820	83635	
Watnall	354	73107	32808	09050	786//	52729	83830	87640	
Spurn Head	396	73517	16707	06351	774//	52732	87715		
Finningley	360	83217	50027	08401	856//	53730	88640		
Dishforth	261	33420	48167	08201	28530	53729	81825		
Tynemouth	262	33416	57268	09101	35601	50719	83630		
Eskdalemuir	162	33412	74227	11950	35600	54826	83632		
Mull of Galloway	131	50218	83012	13003	2264/	52730	82830		
Prestwick	135	73206	58041	13202	7847/	54825	81817	84640	87656
Renfrew	141	73506	56041	13002	6853/	52723	81820	86630	
Leuchars	171	73210	80038	11302	734//	50720	83918	87640	
Dyce	091	73411	62858	11801	784//	53723	81710	84815	85645
Wick	075	70112	74038	12402	684/2	52721	85815	84630	87070
Cape Wrath	049	80205	83028	14801	885//	52722	88625		
Sule Skerry	010	83513	82028	14203	885//	52726	85825	86630	
Lerwick	005	50114	82268	11801	18421	53725	81817	85075	
Stornoway	026	73612	74268	15802	785//	52727	83824	87635	
Benbecula	022	70308	82022	16003	785//	53730	81826	87645	
Tiree	100	70118	83028	15004	785//	55723	82822	86643	
Aldergrove	917	73608	82027	14002	785//	54724	81820	86630	
Malin Head	980	80415	80878	15103	835//	00721	85920	88645	
Belmullet	976	70315	74216	16504	764//	01822	87518	87637	
Birr	965	73305	66027	15101	754//	01729	83715	87637	
Collinstown	969	83011	58707	13450	854//	52729	82715	88635	
Rineanna	962	82704	61228	15601	854//	51735	82714	88635	
Roches Point	952	73214	74021	15302	734//	52737	83918	87640	
Valentia	953	70000	74858	17602	785//	53735	83822	87639	

OBSERVATIONS at 18h. 3 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$8N_sC_sh_s$
Kew	775	82708	33717	04851	874//	53715	88712		
London Airport	772	82707	40717	05051	856//	53617	83718	88640	
Gatwick	776	82706	82707	05252	855//	55612	83712	88625	
Thorney Island	871	82911	37701	06351	855//	54616	82620	88635	
Hurn	862	72808	48702	07251	7553/	53714	87628		
Guernsey	894	43607	78028	08951	48502	56609	83820		
Wattisham	590	83110	20717	02451	873//	52622	88707		
Gorleston	497	82906	08717	01150	8052/	00727	88520		
Mildenhall	578	73309	40227	03250	756//	52617	86710	87630	
Cardington	559	72811	23107	04350	3563/	52719	83645	87359	
West Raynham	485	70000	56017	02250	756//	51709	83706	87635	
Wittering	462	83210	32037	04200	854//	52713	83708	85618	87635
Boscombe Down	746	83205	59037	07352	855//	55613	88625		
Ross-on-Wye	627	63501	63022	06551	6557/	54612	86625		
Bristol	628	63003	56017	07651	656//	53617	86640		
Aberporth	502	40103	83037	07652	48400	53616	81817	84650	
Rhoose (Cardiff)	715	63207	59031	07452	656//	52615	86630		
Plymouth	826	73305	23032	07801	755//	53719	87626		
Chivenor	707	73307	62838	07101	784//	00722	85815	87630	
St. Mawgan	817	83403	58268	08000	884//	51722	86815	88625	
Culdrose	809	73305	68027	09301	784//	52733	81818	86625	
Scilly	804	83308	69028	08902	854//	52730	88618		
Elmdon	534	13110	14041	05251	15600	55715	81610		
Shawbury	414	22906	56041	06552	15601	55716	81640		
Manchester	334	43107	24040	05751	456//	54618	84640		
Squires Gate	318	73507	22041	06301	755//	52617	84623	85645	
Valley	302	70102	74268	07201	784//	52719	83818	83825	87635
Ronaldsway	204	30110	69011	07650	38500	54619	81820	83647	
Carlisle	222	63203	62022	07550	3563/	54618	83640	84359	
Watnall	354	83508	19707	04751	856//	53710	88630		
Spurn Head	396	53511	61801	02250	53500	52716	85920		
Finningley	360	73111	48031	04101	756//	52713	84640	87648	
Dishforth	261	43212	66018	04100	45600	52619	84650		
Tynemouth	262	83623	32898	04201	864//	51712	88718		
Eskdalemuir	162	23404	66011	08152	25602	57717	82630		
Mull of Galloway	131	60215	83012	08302	686//	57717	81830	86656	
Prestwick	135	53603	62021	07850	18632	52718	81830	84170	
Renfrew	141	30000	28041	08301	15631	54618	81640	83070	
Leuchars	171	63009	82031	06751	3854/	51614	81825	83650	85360
Dyce	091	63109	66028	07451	4843/	53718	81815	84645	85359
Wick	075	62705	82031	08253	684//	54713	81818	86625	
Cape Wrath	049	60902	86018	10102	655//	54710	86625		
Sule Skerry	010	83505	84018	08203	685//	52726	84825	86630	
Lerwick	005	70306	59858	07050	794//	56715	87912		
Stornoway	026	80607	80028	09202	885//	52728	81822	88640	
Benbecula	022	70000	82022	09001	785//	52731	81825	87640	
Tiree	100	70207	89022	08901	785//	53725	81822	87650	
Aldergrove	917	73405	74031	08801	784//	52722	82813	87630	
Malin Head	980	70310	89028	09103	785//	52723	83822	87645	
Belmullet	976	71004	80258	10402	785//	01627	83820	87640	
Birr	965	83105	74032	09801	856//	52718	88636		
Collinstown	969	73108	66037	08501	756//	53720	82630	87656	
Rineanna	962	83006	74032	10201	856//	51721	88640		
Roches Point	952	23511	74028	09301	28400	51720	81818		
Valentia	953	70803	78028	11302	785//	51715	81823	87635	

OBSERVATIONS during DAY

Station	iii	RRTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	91019	005	$s_os_ois_o$	$is_os_os_o$
London Airport	772	91016	015	is_o	s_os_o
Gatwick	776	93509	022	$is_os_os_o$	$ps_ois_os_os_o$
Thorney Island	871	97507	020	is_o	is_o
Hurn	862	97006		ps_o	is_o
Guernsey	894	91006	001	ps_o	+
Wattisham	590	93517		$is_os_os_ois_o$	$ssfs_os_o$
Gorleston	497	03017	001	$s_os_ois_o$	$s_os_ois_o$
Mildenhall	578	94507	001	$s_os_ois_o$	s_os_o
Cardington	559	97507	002	is_o	is_o
West Raynham	485	04007	000	$s_os_ossks_o$	is_o
Wittering	462	97017	000	s_os_ois	+
Boscombe Down	746	97516	029	+	is_o
Ross-on-Wye	627	00017	004	+	+
Bristol	628	97006	017	is_o	+
Aberporth	502	01017	001	is_oss	+
Rhoose (Cardiff)	715	97506	026	+	is_o
Plymouth	827	97023	045	+	is_o
Chivenor	707	92025	020	ps_o	$ps_oh_opr_os_o$
St. Mawgan	817	97026	020	ps_o	ps_ois_o
Culdrose	809	97015	025	$is_os_os_o$	s_os_o
Scilly	804	05026	011	is_o	$pHRir_o$
Elmdon	534	97007	008	is_o	+
Shawbury	414	97007	007	is_o	+
Manchester	334	97007	034	s_os_o	+
Squires Gate	318	97035	035	is_o	+
Valley	302	95035	008	$s_os_ops_o$	ps_o
Ronaldsway	204	97035	012	ps_o	+
Carlisle	222	00023	025	+	+
Watnall	354	97017	011	$ps_os_os_o$	is_o
Spurn Head	396	03017	005	is_ois	$is_os_os_o$
Finningley	360	97027	017	s_os_o	$ps_\bullet$
Dishforth	261	01027	024	s_os_o	ps_ops_o
Tynemouth	262	05027	020	ps_o	ps_ophsss
Eskdalemuir	162	97009	056	is_o	+
Mull of Galloway	131	00041		/	/
Prestwick	135	00043	022	+	+
Renfrew	141	00035	024	+	+
Leuchars	171	97027	015	ps_o	+
Dyce	091	01029	018	ps_ops	ps_c
Wick	075	93025	022	ps_o	+
Cape Wrath	049	01033		ps	ps
Sule Skerry	010	97031		/	/
Lerwick	005	03027	030	ps_o	ps_o1fph_ops
Stornoway	026	97031	000	ps_o	+
Benbecula	022	00031	006	+	+
Tiree	100	00041	003	jp	+
Aldergrove	917	00035	032	+	+
Malin Head	980	9304/	000	/	/
Belmullet	976	9605/	001	/	/
Birr	965	9303/	000	/	/
Collinstown	969	9602/	004	/	/
Rineanna	963	0103/	006	/	/
Roches Point	952	9703/	030	/	/
Valentia	953	9605/	018	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33012	03524	85020	35804	00900	00228	/////	/////	05455	13367	1////
B	10565	51012	81420	63022	36204	863//	00400	88708	/////	00204	11445	1////
C	10528	35512	70710	63807	38607	784//	00108	81810	87620	05105	10645	1////
D	10440	41012	21123	69022	21614	28500	00307	82820	/////	05209	11045	1////
I	10588	18112	72927	97258	18906	7843/	00635	85815	85630	05604	13035	13456
J	10523	19512	63618	98801	25907	39563	00814	83925	86359	05602	13632	10345
K	10451	16212	30533	65018	13609	38500	11217	83820	/////	05802	15650	10154
M	13659	01812	70322	60271	14301	49401	00809	83910	87070	06155	10246	13444

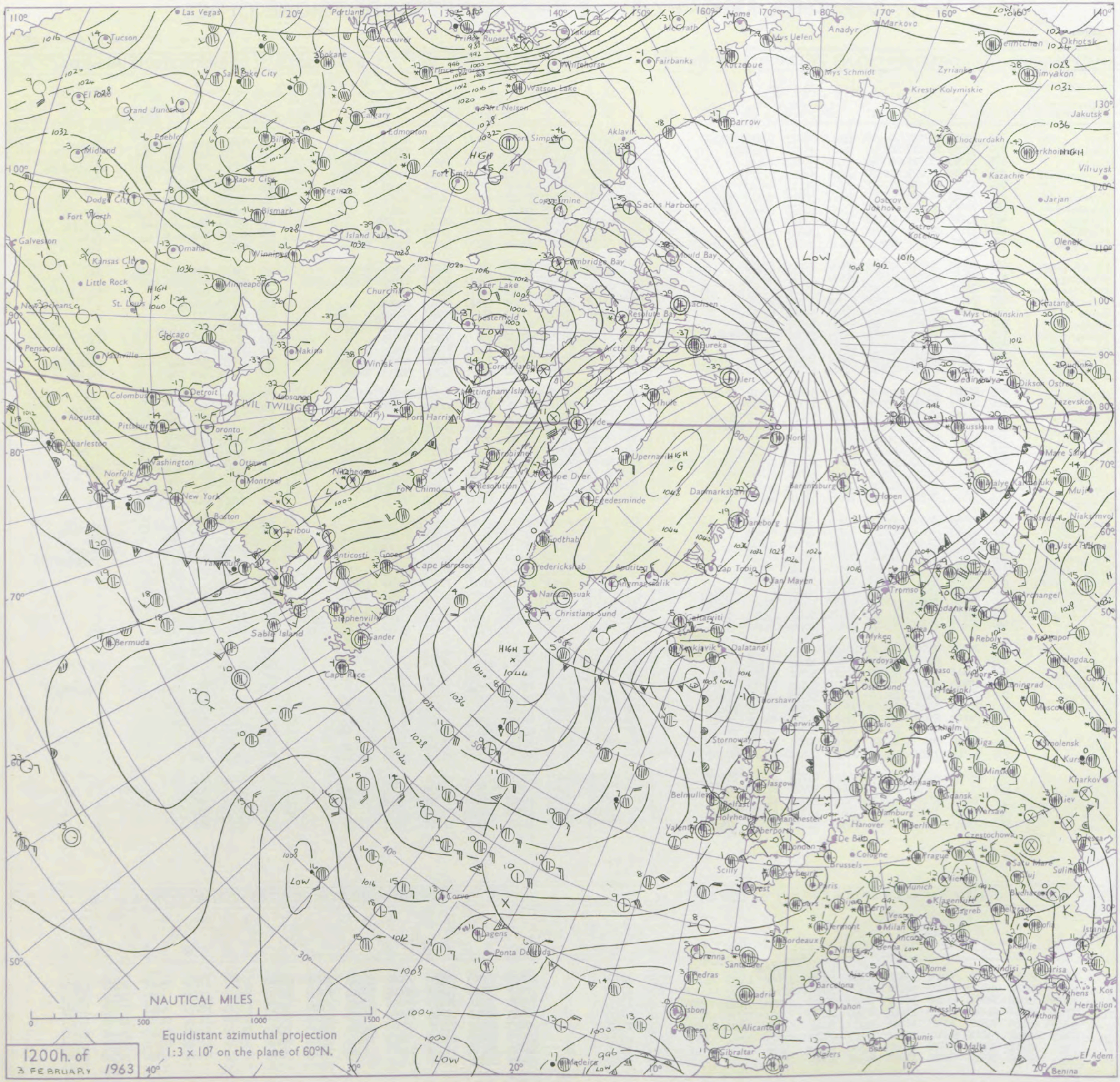
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_s$	$8N_sC_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33018	20230	80020	41204	22500	00232	/////	/////	05455	10267	1////
B	10565	51018	71418	65022	35704	756//	00703	87630	/////	00203	11445	1////
C	10528	35518	70213	69258	37307	756//	00603	87635	/////	00001	10445	1////
D	10440	41018	20926	69020	22313	22500	00000	82820	/////	05308	11045	1////
I	10589	18518	73135	79168	04306	734//	71761	85912	/////	05602	18140	1////
J	10523	19418	63221	98018	19508	68500	00622	84822	83645	05704	13233	10933
K	10452	16218	70530	70258	13708	7946/	11201	81916	85641	05802	10648	10155
M	13659	01818	70528	50862	12451	79400	00504	87910	/////	06453	10548	13443

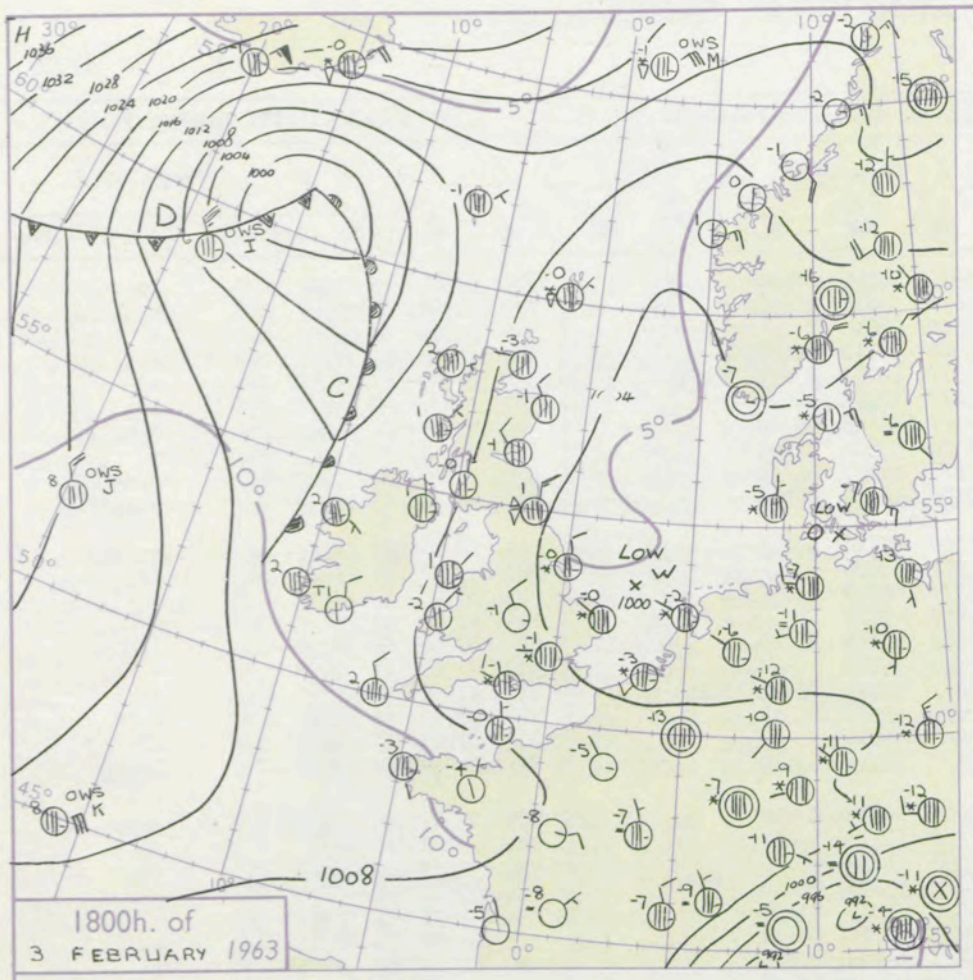
All times of observation printed in this publication are GREENWICH MEAN TIME.

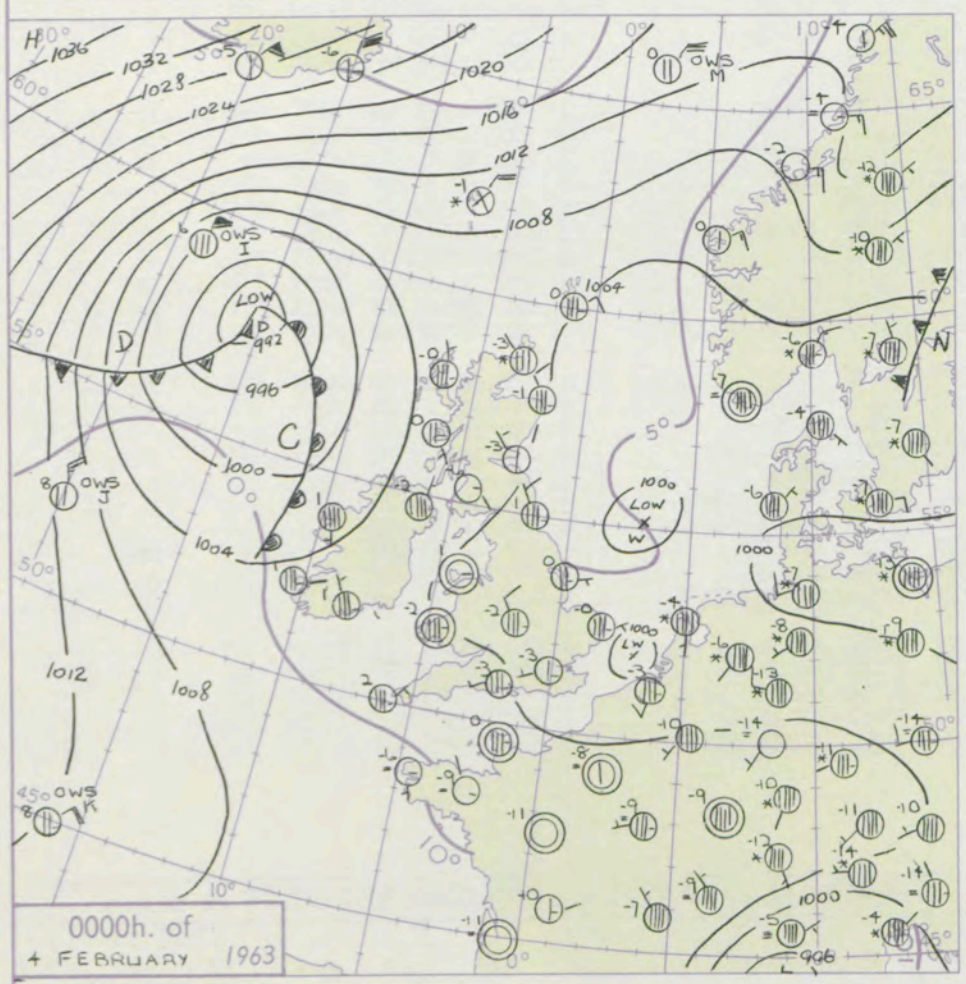
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

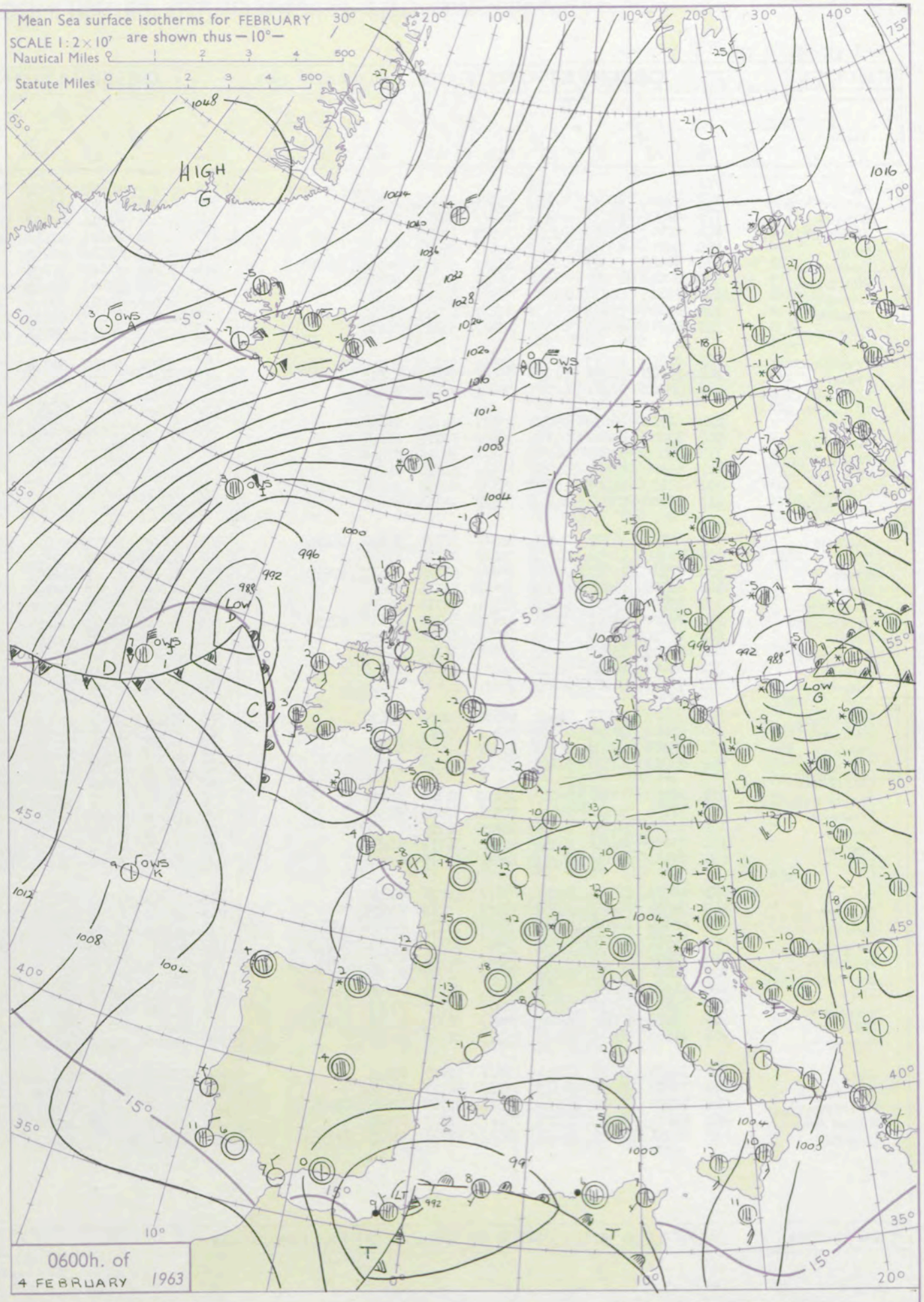
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 4 February 1963

The depression which was near Iceland yesterday has deepened further and transferred south-southeast. It will decelerate and become slow moving just to the west of Biscay and further deepening will be limited. Shallow low pressure will persist in the North Sea on the northern flank of a weak ridge of high pressure over Europe. The pressure gradient will remain slack over much of the British Isles though the flow will become predominantly northeasterly in the north and southeast to east in parts of the south.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Variable cloudiness and scattered snow showers in northern and eastern coastal districts and places inland. More persistent cloud in parts of the southwest with intermittent snow possibly leading to heavy falls in places. Occasional snow will also extend east along the eastern part of the English Channel. Continuing cold with frost and some fog night and morning.

OUTLOOK following 24 hours.
Continuing cold with scattered snow showers in the north and possibly periods of more prolonged snow in parts of the south.

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

Code FM 11.A

OBSERVATIONS at 00h. 4 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775			52					
London Airport	772	32506	40017	02953	35500	55711	83623		
Gatwick	776	82906	62027	03152	885//	54707	88623		
Thorney Island	871	02807	32057	03953	00900	55715			
Hurn	862	72506	62031	04653	756//	55716	87635		
Guernsey	894	72408	74021	06751	2153/	57713	82820	86362	
Wattisham	590	83010	40037	01052	863//	53607	88709		
Gorleston	497	70805	60037	01650	7093/	53605	87358		
Mildenhall	578	83106	23702	01452	874//	53710	88710		
Cardington	559	82712	40031	02352	854//	53611	88617		
West Raynham	485	80806	40017	00751	854//	52606	85708	86618	
Wittering	462	73014	30021	01752	754//	55711	87612		
Boscombe Down	746	33201	56011	04555	35600	56819	83640		
Ross-on-Wye									
Bristol	628	62705	56012	05252	656//	54715	86640		
Aberporth	502	70000	80028	04152	758//	53722	87657		
Rhoose (Cardiff)	715	70000	59027	04852	756//	53718	87640		
Plymouth	827	80000	23047	04651	855//	51720	88620		
Chivenor	707	71103	59028	04251	2553/	53718	82625	87359	
St. Mawgan	817	70000	07417	04451	756//	51721	87630		
Culdrose	809	80103	66707	05451	855//	52724	83620	84625	
Scilly	804	70304	01032	04202	754//	01726	87616		
Elmdon	534	73110	22041	02752	756//	54715	85632	87650	
Shawbury	414	62709	69031	03555	656//	57715	86640		
Manchester	334	83007	25022	03052	855//	54718	88620		
Squires Gate	318	70000	37041	03251	1563/	54718	81630	87359	
Valley	302	10000	66028	03852	15740	54725	81650		
Ronaldsway	204	10209	69021	03853	15600	56723	81640		
Carlisle	222	60000	62031	04753	6563/	55719	86630		
Watnall	354	73605	40027	02151	756//	53610	87630		
Spurn Head	396	50807	59017	01400	55600	52400	85630		
Finningley	360	73408	40028	02251	754//	51603	83713	87619	
Dishforth	261	83407	61038	02851	856//	52705	88630		
Tynemouth	262	73203	58858	03101	755//	51807	87620		
Eskdalemuir									
Mull of Galloway	131	10203	83012	04403	15600	51727	81630		
Prestwick	135	11202	58041	04256	10931	57623	81365		
Renfrew	141	00000	10044	04455	00900	56720			
Leuchars	171	23005	82011	03353	15740	56719	81650		
Dyce	091	73110	66036	04251	725//	52718	87820		
Wick	075	63001	82701	04653	656//	54716	86630		
Cape Wrath	049	70502	86022	04501	785//	53713	87625		
Sule Skerry	010	60102	84018	04103	685//	51719	84825	86630	
Lerwick	005	70509	74038	04500	33406	53716	83915	86270	
Stornoway	026	73404	80028	04650	785//	51721	83820	87645	
Benbecula	022	71602	82022	03350	755//	52729	81622	87635	
Tiree	100	51307	86031	03300	4853/	54732	81825	84645	
Aldergrove	917	83604	66032	04752	885//	54723	81820	88630	
Malin Head	980	71905	83028	03200	785//	52734	81826	87656	
Belmullet	976	81607	74028	03101	857//	01743	88650		
Birr	965	72104	77022	05051	756//	52729	87635		
Collinstown	969	72808	72031	04353	757//	54727	87650		
Rineanna	962	82502	74022	05150	855//	51728	81625	88645	
Roches Point	952	73105	74031	05301	756//	51727	87640		
Valentia	953	70701	80022	05601	785//	51734	81823	87636	

OBSERVATIONS at 06h. 4 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
775	82503	56057	99952	855//	54715	88620		
772	62706	50011	99954	656//	55617	86640		
776	02205	62011	00657	00900	58613			
871	40000	24101	01256	45600	56712	84635		
862	80000	58012	01255	855//	55717	83627	88656	
894	72114	82227	02201	756//	52727	87633		
590	93505	F7497	99455	9/0//	56608	89/00		
497	10709	64021	99751	15500	53504	81625		
578	90000	F7477	00155	9/0//	55707	89/00		
559	83105	14717	99651	871//	52712	88710		
485	33302	56111	99854	35600	55710	83645		
462	00103	48017	00253	00900	53806			
746	50000	40051	01555	557//	56717	85656		
627	00000	63020	00961	00900	62720			
628	90000	F9494	01960	9/0//	61718	89/00		
502	00000	74021	00455	00900	55716			
715	60000	56051	01854	656//	56711	81709	86640	
827	80605	23717	00252	854//	52720	88614		
707	01006	04484	00555	00900	55813			
817	71008	58024	99451	756//	51725	87630		
809	50605	56717	00250	55800	50725	85620		
804	82403	83778	99502	854//	51713	88615		
534	13504	48047	00153	15500	54714	81625		
414	80000	64027	00754	856//	55613	82630	88650	
334	71105	28042	00452	755//	54815	87628		
318	60604	48041	00454	656//	55713	86630		
302	71001	74031	00153	755//	55718	87625		
204	10209	80020	00254	15600	56715	81640		
222	20000	62011	01956	25600	57723	82630		
354	03302	32101	00555	00900	56712			
396	70000	32032	00152	755//	53712	87625		
360	63104	23222	00152	655//	53612	86629		
261	13607	03461	00553	15500	53611	81625		
262	42910	61028	00452	40930	53715	84359		
162	00000	62021	02255	00900	57720			
131	11002	83020	00900	15600	51719	81630		
135	01304	66020	00856	00900	57618			
141	00000	19044	01557	00900	58718			
171	22509	82031	00555	25700	57713	82650		
091	73202	74038	01853	785//	54709	81820	87630	
075	32705	80027	02354	35600	56708	8363		
049	60502	86022	01501	60930	52709	86360		
010	81102	81878	02203	864//	01709	88715		
005	20404	82278	02451	29400	52607	81916		
026	61010	82031	01801	656//	53611	86630		
022	81212	80038	00101	855//	55608	85626	88645	
100	51412	80012	99101	585//	53611	81826	84650	
917	11104	69021	99856	15600	57720	81635		
980	81512	82032	98400	857//	52724	88650		
976	61413	74021	94402	3252/	71739	83626	86458	
965	61407	74031	99053	656//	53726	86633		
969	52703	75012	99654	556//	55723	85640		
962	81212	74022	97900	856//	51734	86635		
952	82105	65022	99200	856//	53730	88638		
953	71616	80022	97403	785//	51746	81823	87636	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONVE TAB °C t
775	97539	55	is_o	is_o	40
772	00546	58	+	+	39
776	00609	62	+	+	38
871	97567	61	+	+	37
862	00556	57	+	+	36
894	97526	56	+	is_o	35
590	91587	62	is_o	s_os_o	34
497	00557	59	+	+	33
578	02587	60	s_os_oss	s_os_offFF	32
559	96547	56	s_os_o	s_os_oif	31
485	97567	61	s_os_o	+	30
462	97557	61	is_o	is_o	29
746	00576	63	+	+	28
627	00527	67	+	+	27
628	97606	64	+	ifFF	26
502	97567	61	ps_o	+	25
715	97556	57	is_o	is_o	24
827	08539	55	is_o	ssff	23
707	97555	57	+	fF	22
817	01537	55	ssFF	$ffis_o$	21
809	05517	55	is_oss	s_os_o	20
804	02006	//	r_s	r_s	19
534	97577	62	s_os_o	is_o	18
414	97547	58	+	ps_o	17
334	97537	55	is_o	+	16
318	00575	59	+	+	15
302	00555	57	+	+	14
204	00565	59	+	+	13
222	00573	59	+	+	12
354	00557	63	+	if	11
396	01537	//	is	if	10
360	97537	55	ps_o	is_oFF	9
261	97557	56	s_os_ossif	ff	8
262	92537	55	ps_o	+	7
162	00589	62	+	+	6
131	00523	//	/	/	5
135	00573	62	+	+	4
141	00595	62	if	if	3
171	97567	59	+	ps_o	2
091	93559	60	+	+	1
075	01556	58	s_os_o	ph_o	0
049	00551	55	+	+	−1
010	94015	55	/	/	−2
005	93527	54	ps_oph_o	ph_ops_o	−3
026	91501	52	ps	+	−4
022	97513	55	ph_o	+	−5
100	00523	59	+	+	−6
917	97575	60	+	is_o	−7
980	97513	53	/	/	−8
976	97011	50	/	/	−9
965	97545	57	/	/	−10
969	97545	56	/	/	−11
962	00523	52	/	/	−12
952	97513	53	/	/	−13
953	00003	52	/	/	−14
					−15
					−16
					−17
					−18
					−19
					−20
					−21
					−22
					−23
					−24
					−25
					−26
					−27
					−28
					−29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33000	30118	80021	44603	31600	00105	/////	/////	05554	10166	1////
B	20565	51000	81418	37512	36704	864//	00306	88710	/////	00103	11446	1////
C	20528	35500	73617	69022	36705	785//	00607	82820	87630	05201	10345	1////
D	20440	41000	21120	69028	24913	22502	00214	82820	/////	01408	10845	1////
I	20590	18700	63658	98012	98306	634//	81709	84918	/////	05604	13547	1////
J	20521	19300	43325	98258	08408	42500	00867	84825	/////	05403	13336	1////
K	20453	16100	50422	70028	12008	59430	11713	81916	84650	05802	10155	10646
M	23658	01600	40328	60028	13300	49400	81306	82915	/////	06153	10347	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33006	13422	80020	44603	11600	00804	/////	/////	05654	13445	1////
B	20565	51006	81420	58105	33903	862//	00817	88705	/////	00003	11446	1////
C	20528	35506	80218	69022	35006	856//	00502	88630	/////	05250	10245	1////
D	20440	41006	20924	69020	25113	21500	00002	82820	/////	05204	10945	1////
I	20592	18806	80350	96022	04103	854//	41343	88614	/////	06001	18649	1////
J	20522	19406	63340	97808	00107	6956/	71742	86920	/////	05902	18331	1////
K	20450	16306	33508	70011	07909	35700	11727	83650	/////	05801	10070	10254
M	23659	01806	50230	60882	12400	59400	11708	85910	/////	06254	10347	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36965 — Date of Issue Tuesday 5 February 1963

Code FM 11.A — OBSERVATIONS at 12h. — 4 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	73002	19057	00500	756//	54400	88635		
London Airport	772	73003	48032	00451	763//	54001	84708	88714	
Gatwick	776	10000	56054	00701	15700	54201	81650		
Thorney Island	871	70701	28051	00800	756//	53802	87645		
Hurn	862	81303	13707	00751	855//	53707	83620	88630	
Guernsey	894	71821	82022	01600	7563/	56707	86645		
Wattisham	590	10607	35054	00553	15700	54004	81650		
Gorleston	497	23503	40400	00750	15570	54203	81625		
Mildenhall	578	20000	14054	01053	20930	56800	82359		
Cardington	559	70502	23107	00652	4623/	53201	84704	87360	
West Raynham	485	50000	62011	00450	58500	55102	81825	85640	
Wittering	462	30000	56017	00401	38400	54802	81818	83630	
Boscombe Down	746	70000	48052	01453	757//	55001	87635		
Ross-on-Wye	627	62602	24021	00355	655//	55805	86620		
Bristol	628	70705	17284	01453	756//	53703	87630		
Aberporth	502	01406	80020	98951	00900	55705			
Rhoose (Cardiff)	715	70806	23227	00852	756//	54001	87630		
Plymouth	827	81820	56227	98102	4542/	51710	81710	84618	88525
Chivenor	707	70908	57704	98351	6563/	52712	83709	86640	87359
St. Mawgan	817	41307	74011	96902	48500	53813	81704	83820	
Culdrose	809	70904	66037	97602	784//	53716	82708	87628	
Scilly	804	70000	83028	96303	784//	00719	83816	87628	
Elmdon	534	10602	50041	99850	11400	55806	81818		
Shawbury	414	30000	48042	00051	38500	54805	81825	83640	
Manchester	334	11804	60022	00102	18500	56802	81825		
Squires Gate	318	11608	30041	00103	16440	55801	81712		
Valley	302	11706	74020	99002	18400	55802	81818		
Ronaldsway	204	51017	66021	99102	58400	54701	81815	85823	
Carlisle	222	20901	59021	01350	15631	54805	81635		
Watnall	354	70000	14044	00200	756//	53703	87635		
Spurn Head	396	63506	02464	00252	3561/	53201	83630	86640	
Finningley	360	90102	01454	00553	9/0//	53802	89/02		
Dishforth	261	60102	56052	00751	65600	53002	86645		
Tynemouth	262	82706	24042	01551	855//	53203	88620		
Eskdalemuir	162	30000	74011	01452	35601	55802	83630		
Mull of Galloway	131	31515	82022	00801	32500	52601	82825		
Prestwick	135	60907	66021	00101	11606	54002	81830	86070	
Renfrew	141	50000	03464	01254	45702	56801	84650	85070	
Leuchars	171	63104	80018	00551	38502	54601	81820	83640	85070
Dyce	091	73109	66268	01650	58401	52602	81710	83815	
Wick	075	70910	62168	02001	434/8	51400	84915	87270	
Cape Wrath	049	70902	83022	02302	785//	51202	87625		
Sule Skerry	010	80813	84038	02003	2351/	00400	82925	88460	
Lerwick	005	70622	83028	03802	32502	52205	83822	86075	
Stornoway	026	80907	82022	02703	1851/	51205	81825	88460	
Benbecula	022	71114	86022	00802	4857/	57106	81825	84640	87460
Tiree	100	71015	89032	00202	38476	53209	81818	84360	87275
Aldergrove	917	71310	59047	98502	38532	54500	82825	86070	
Malin Head	980	71411	85268	98502	5857/	53104	82824	85656	87462
Belmullet	976	71220	80022	92102	3957/	53707	81821	83340	87459
Birr	965	71413	82032	95302	38502	55714	81820	83640	87072
Collinstown	969	61504	69057	97501	563/1	52709	81709	85823	86080
Rineanna	962	71521	83032	93503	4563/	53720	84640	87660	
Roches Point	952	71511	80022	94904	785/1	54721	81820	87645	
Valentia	953	71420	69807	91304	6243/	00727	86819	87359	

OBSERVATIONS at 18h. — 4 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	71602	19702	01450	756//	54309	87635		
London Airport	772	70000	26702	01251	756//	52210	82630	87650	
Gatwick	776	82002	19717	01651	854//	53221	82615	88630	
Thorney Island	871	71004	58027	01551	756//	52206	81710	87645	
Hurn	862	71708	48037	00501	755//	52502	85620	87640	
Guernsey	894	71819	58022	01100	4577/	54400	82709	84650	87359
Wattisham	590	10905	37050	01753	18600	56214	81830		
Gorleston	497	23601	14041	01851	15530	55209	81626		
Mildenhall	578	00902	11100	01856	00900	57212			
Cardington	559	70703	20022	01352	756//	53310	87630		
West Raynham	485	51206	58021	01754	55600	55208	85645		
Wittering	462	21202	13110	01653	25500	55208	82625		
Boscombe Down	746	71207	37057	00652	756//	52304	84710	87630	
Ross-on-Wye	627	81404	48707	99651	864//	52204	88710		
Bristol	628	71008	23227	00051	755//	53602	87625		
Aberporth	502	71411	58031	96550	754//	53506	87618		
Rhoose (Cardiff)	715	80908	19717	99051	7562/	52302	85706	87630	88460
Plymouth	827	01722	48227	96902	855//	50302	84715	88625	
Chivenor	707	71215	61707	96401	784//	51501	81812	84630	87640
St. Mawgan	817	81719	50607	94102	855//	01606	85705	88620	
Culdrose	809	71717	64022	94503	784//	01607	83710	87640	
Scilly	804	62205	81012	93704	68500	00610	82823	86650	
Elmdon	534	71205	40041	00252	754//	54307	85709	87615	
Shawbury	414	71403	30041	00253	756//	55309	87645		
Manchester	334	01105	20041	00252	00900	53304			
Squires Gate	318	30907	19040	00055	35601	57308	83640		
Valley	302	11007	69020	98252	18400	55105	81818		
Ronaldsway	204	41017	59031	99001	42501	54206	84822		
Carlisle	222	70803	59051	01551	65641	53202	86638		
Watnall	354	10000	04044	01354	15600	55312	81635		
Spurn Head	396	91802	F2454	01254	9/0//	54212			
Finningley	360	90000	F3474	00555	9/0//	56210	89/02		
Dishforth	261	50000	15111	01454	15702	55012	81650	85072	
Tynemouth	262	72910	24048	01150	755//	54306	87620		
Eskdalemuir	162	80000	66031	02053	755//	54305	88629		
Mull of Galloway	131	81112	81022	99801	42507	54205	84820	88770	
Prestwick	135	60803	66021	00652	15508	54207	81620	86275	
Renfrew	141	60809	17044	01301	656//	53205	86640		
Leuchars	171	60207	58858	01453	685//	54207	84830	83635	
Dyce	091	60000	56268	02851	684//	52207	82815	86628	
Wick	075	70608	66158	03250	594/8	51307	83912	84635	87270
Cape Wrath	049	80509	83038	02802	885//	53209	88625		
Sule Skerry	010	70813	82028	03303	4351/	00213	84925	87460	
Lerwick	005	50616	82012	05301	48502	51206	83820		
Stornoway	026	70911	82022	03103	32506	52303	83827	87270	
Benbecula	022	70913	89022	01402	18576	53301	81825	85460	87272
Tiree	100	80810	85032	00801	18507	55202	81820	88275	
Aldergrove	917	71011	40048	98401	35631	54305	83630	87070	
Malin Head	980	71315	66268	98402	5857/	51003	82821	85656	87460
Belmullet	976	81217	80606	92102	3567/	53308	83340	88459	
Birr	965	71111	80022	94300	785//	53305	81822	87636	
Collinstown	969	61111	80012	96650	525/2	55302	85828	86070	
Rineanna	962	51121	82017	91302	4853/	51503	81820	84640	85358
Roches Point	952	71319	80022	92304	734//	52504	85918	87627	
Valentia	953	61129	58687	87702	67440	00614	86711		

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97019	003	is_o	is_o
London Airport	772	91006	000	+	is_oss
Gatwick	776	97029	039	+	s_os_o
Thorney Island	871	96017	013	is_oss	$r_os_os_os_oif$
Hurn	862	96016	///	$is_os_os_o$	is_o
Guernsey	894	00015	023	+	+
Wattisham	590	00017	///	ff	+
Gorleston	497	00007	051	+	ff
Mildenhall	578	00027	055	ff	ff
Cardington	559	00507	023	ff	+
West Raynham	485	00037	048	+	+
Wittering	462	00016	042	+	+
Boscombe Down	746	97516	010	is_o	is_o
Ross-on-Wye	627	97507	011	+	is_o
Bristol	628	94517	000	$FFfffis_o$	s_os_o
Aberporth	502	91007	053	+	$is_os_os_o$
Rhoose (Cardiff)	715	01507	010	$s_os_oisssss_os_oiss_os_o$	
Plymouth	827	02037	000	s_os_o	s_os_o
Chivenor	707	97015	000	s_os_oss	is_o
St. Mawgan	817	04034	030	id_oss	$r_or_oir_os_o$
Culdrose	809	06036	017	$is_oir_os_o$	+
Scilly	804	91076	020	ps_o	+
Elmdon	534	97017	006	+	is_o
Shawbury	414	97017	037	+	is_o
Manchester	334	00037	039	+	+
Squires Gate	318	00035	057	+	f
Valley	302	00033	084	+	+
Ronaldsway	204	00035	054	+	+
Carlisle	222	00013	043	+	+
Watnall	354	00017	003	ps_o	ff
Spurn Head	396	00527	007	FF	FF
Finningley	360	00527	000	FF	FF
Dishforth	261	00027	033	+	ffFF
Tynemouth	262	04017	006	+	ps_oss
Eskdalemuir	162	00527	034	+	+
Mull of Galloway	131	00023	///	/	/
Prestwick	135	00033	069	+	+
Renfrew	141	00015	000	ff	if
Leuchars	171	92007	031	ps_o	ps_o
Dyce	091	01009	019	ps_ops	ps_opsf
Wick	075	91026	003	+	ps_o
Cape Wrath	049	97035	///	+	ps_o
Sule Skerry	010	92041	///	/	/
Lerwick	005	00027	024	+	+
Stornoway	026	00041	006	+	+
Benbecula	022	00031	000	+	+
Tiree	100	00023	000	+	+
Aldergrove	917	97035	035	ps_o	ps_o
Malin Head	980	97031	001	/	/
Belmullet	976	97031	000	/	/
Birr	965	97031	057	/	/
Collinstown	969	97031	025	/	/
Rineanna	962	97041	016	/	/
Roches Point	952	00041	001	/	/
Valentia	953	05041	000	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33012	50520	76022	42603	585//	00606	/////	/////	05550	11945	1////
B	20565	51012	81427	56616	30104	862//	00717	88705	/////	00203	11446	1////
C	20528	35512	70222	69022	33406	756//	00714	87536	/////	05251	10247	1////
D	20440	41012	60911	69021	26813	65600	00210	86635	/////	05106	10955	1////
I	20588	19112	80352	96808	03004	813//	42715	88912	/////	06203	15249	1////
J	20524	19512	73430	97258	90007	7946/	71648	83715	86920	05903	18345	1////
K	20450	16312	12516	80010	03009	18500	51730	81823	////	05703	12721	10253
M	23660	02012	80625	20881	12951	892//	11212	88904	/// /	06451	10544	10147

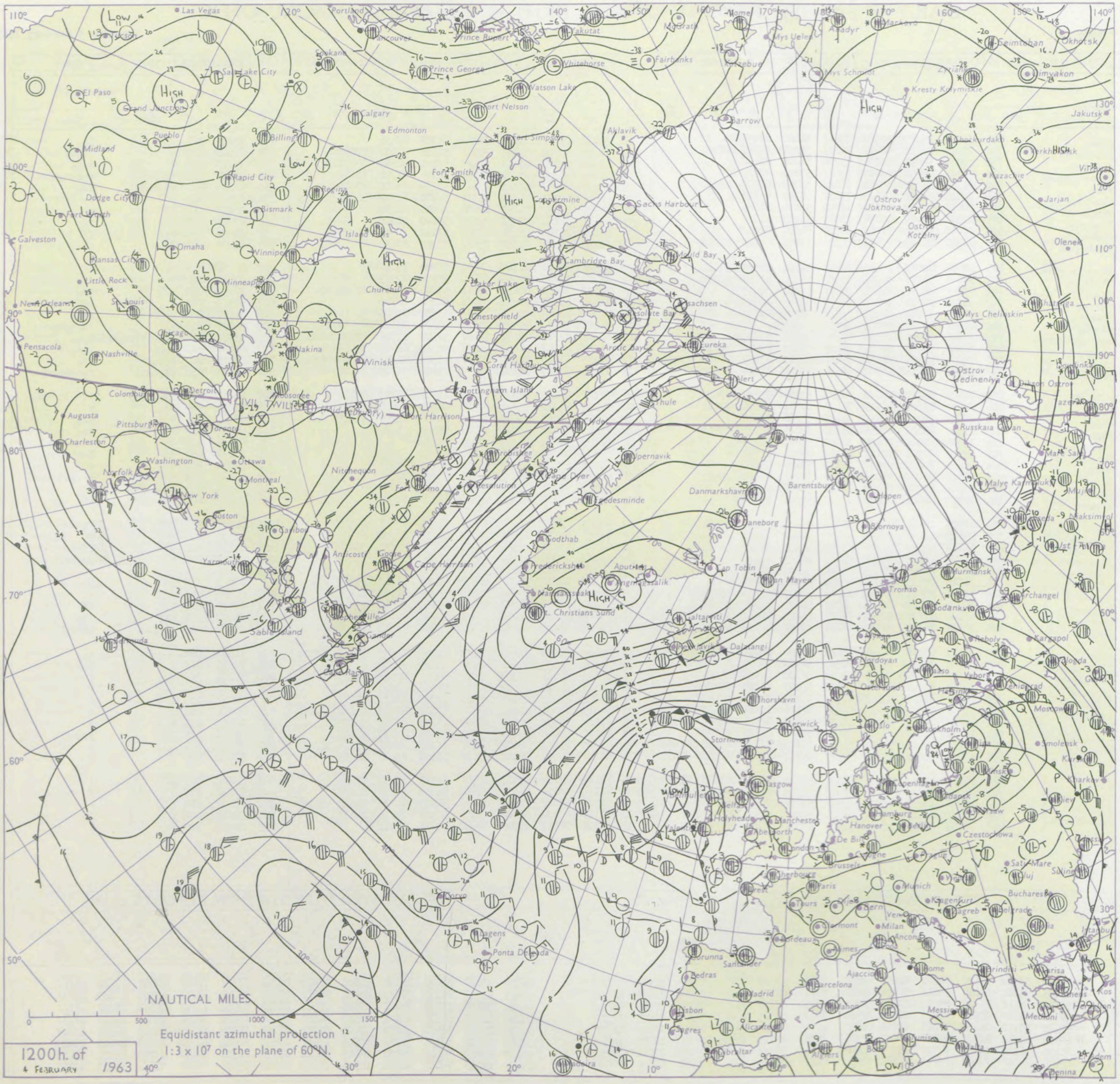
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33018	50502	76152	40800	59500	00712	/////	/////	06057	10556	1////
B	20565	51018	81133	37616	23504	862//	00737	88704	/////	00103	11459	1////
C	20528	35518	73626	69022	29905	75600	00720	87635	/////	05351	10347	1////
D	20440	41018	60510	69022	24513	68500	00714	83822	83635	05207	10843	1////
I	20590	19018	80552	96258	07403	893//	11208	85708	88912	06203	15549	1////
J	20525	19518	83428	95258	80905	6946/	81642	86915	88358	06003	13449	18459
K	20450	16018	52619	80258	95809	59440	21726	82920	/////	05705	12532	13453
M	23660	02018	70616	60262	12750	59303	00000	85908	/////	06354	10633	10143

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Explanation of symbols

CLOUD

Symbol

Sk

WEATHER

Symbol

Mis

Fog

Dri

Rai

Rai

Sno

Rai

Rai

Sno

Hai

Thu

W

Symbol

For each half-feat 5 knots

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OUD
Cloud Amount (oktas)
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3
4
5
6
7 or more
8
y obscured

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Weather

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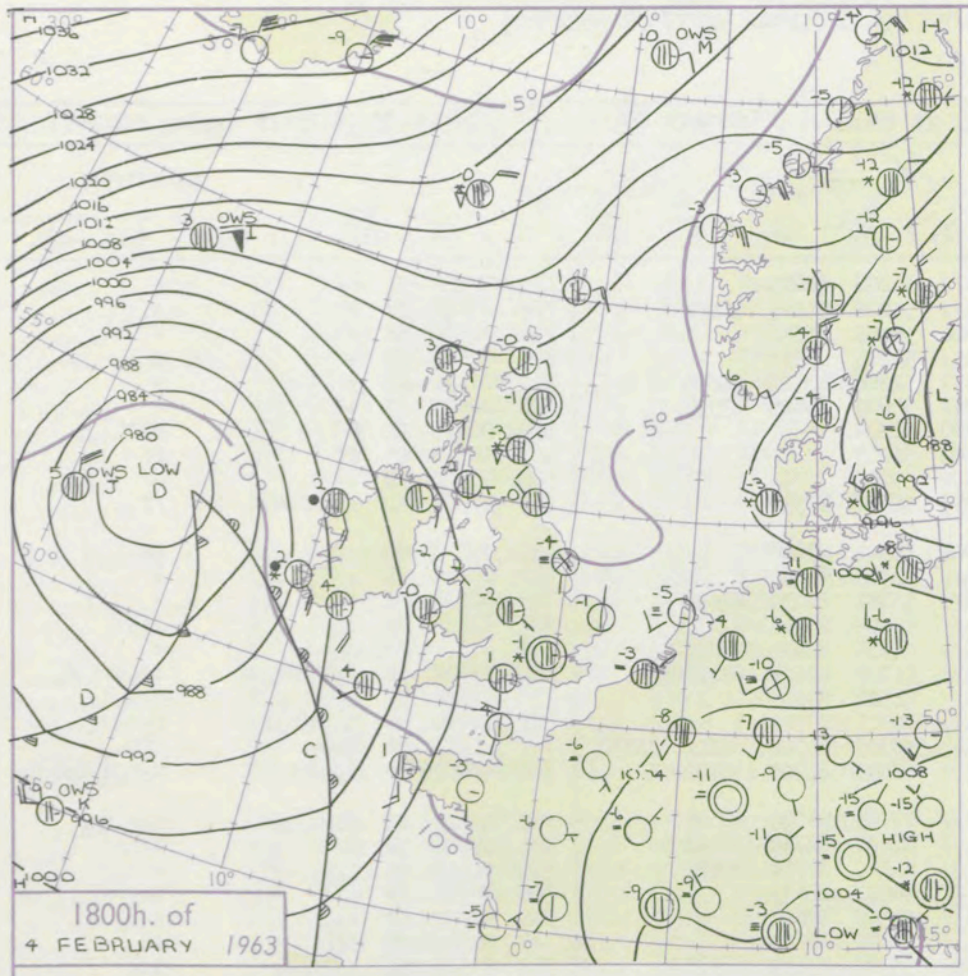
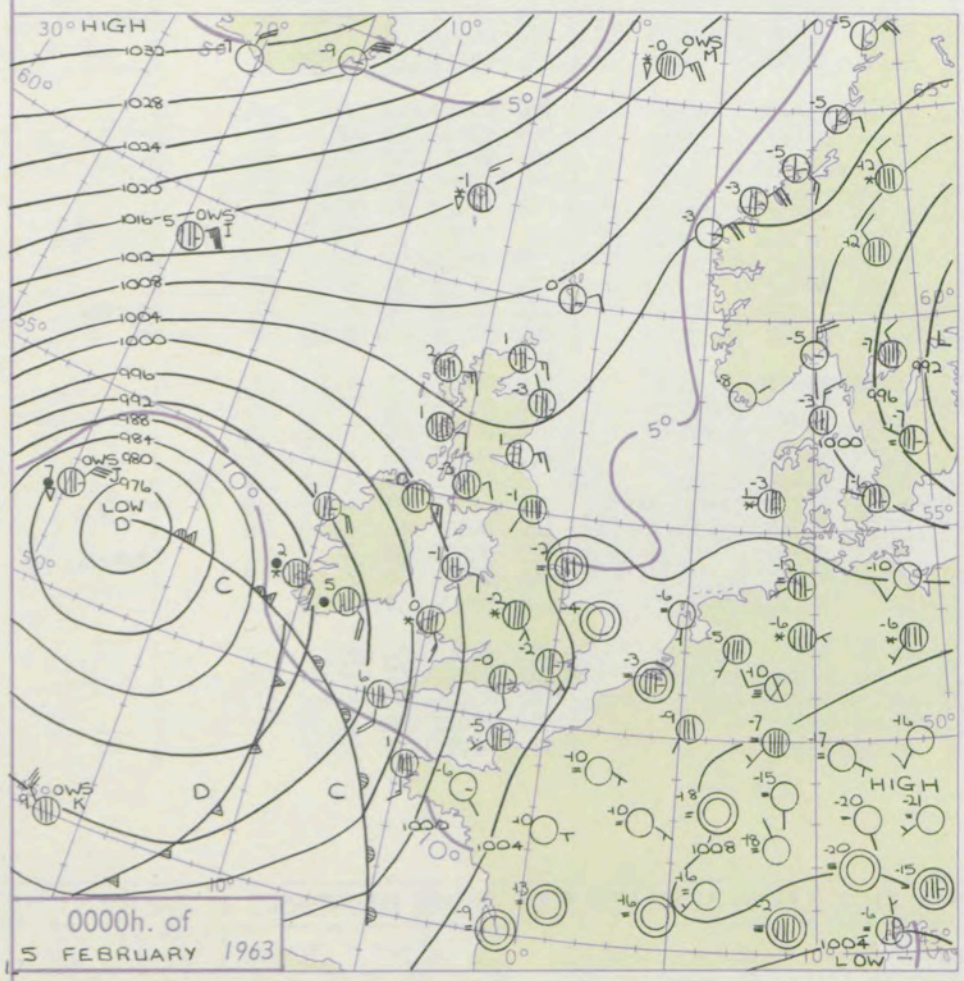
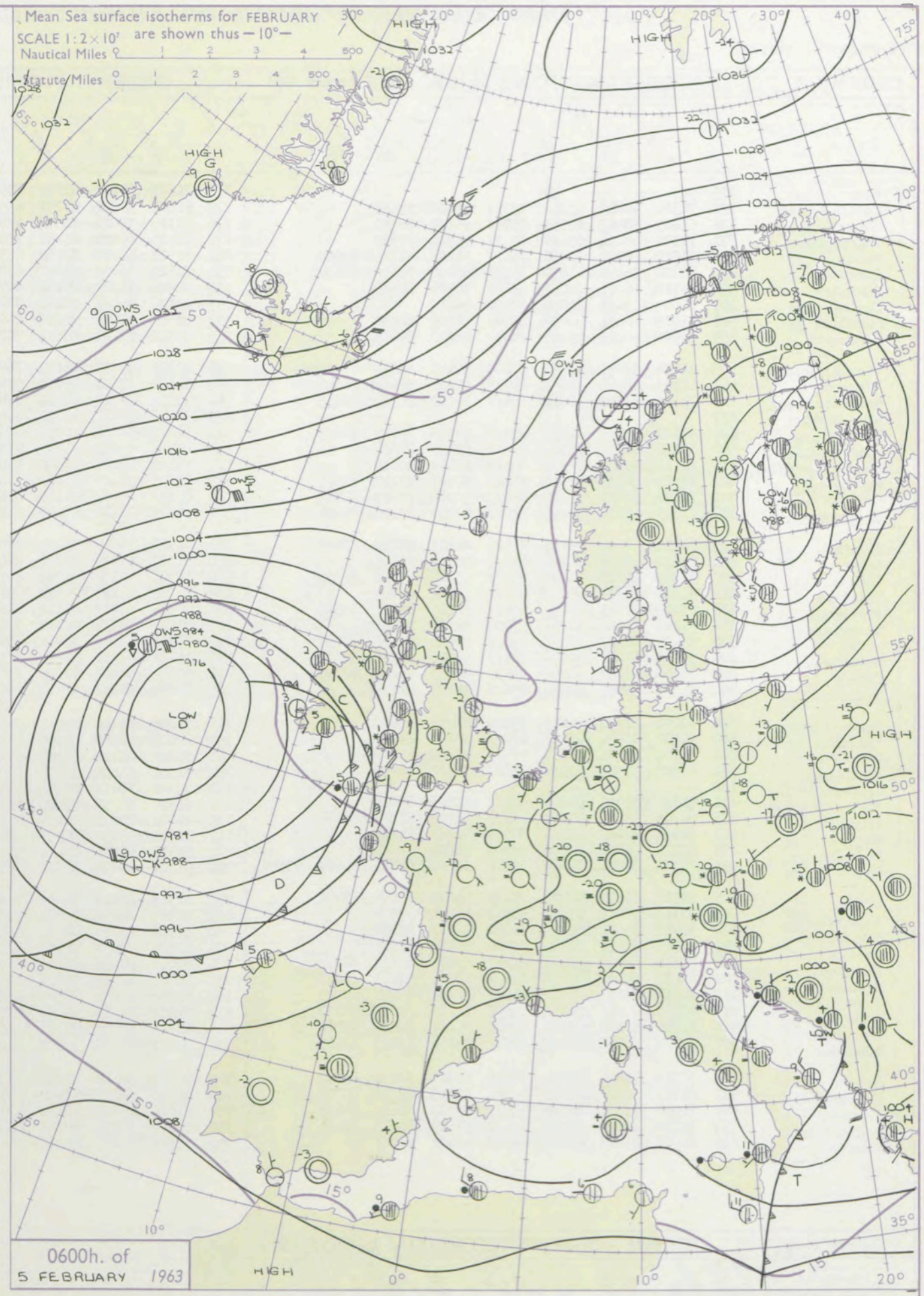
and snow
w
shower
and snow
nower
w shower
shower
nderstorm

IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
her add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Tuesday 5 February 1963

The east Atlantic depression has moved slowly south - rather more slowly than expected and its circulation covers more of the British Isles than was forecast on the basis of yesterdays charts. It will become almost stationary after a slight southward drift and the fronts over Ireland and southwest Britain will move only a little north and east from present positions. Wave developments on the cold front is expected later with transfer towards the BREST peninsula as a new anticyclone forms over Germany.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The thaw will continue over southwest England and extend a little east and north to parts of Wales and perhaps the southwest Midlands and parts of central southern England. Further outbreaks of rain or snow are expected in parts of the west and south but much of the east will remain dry apart from a few snow showers. Frost will be severe tonight in the north and east.

OUTLOOK for following 24 hours

A little less cold generally.

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

Code FM 11.A

OBSERVATIONS at 00h. 5 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775			51					
London Airport	772	71304	40042	03252	757//	53108	87656		
Gatwick	776	61403	58027	03553	657//	55109	86650		
Thorney Island	871	71709	66024	03451	7093/	53210	87359		
Hurn	862	71510	56022	02050	756//	51208	81715	87640	
Guernsey	894	81722	56052	01850	855//	55002	84620	87630	
Wattisham	590	40910	56011	04053	45600	56109	84640		
Gorleston	497	00000	15054	04654	00900	56212			
Mildenhall	578	41405	48034	04057	45600	58209	84630		
Cardington	559	70902	09447	03354	756//	54207	87645		
West Raynham	485	41608	37031	04257	45600	60110	84645		
Wittering	462	61303	28041	03455	655//	57108	82620	86640	
Boscombe Down	746	71408	56022	02652	756//	54212	84710	87635	
Ross-on-Wye	627								
Bristol	628	81109	58037	01451	854//	53305	85615	88625	
Aberporth	502	81416	48717	96300	855//	52103	88626		
Rhoose (Cardiff)	715	81111	56107	99550	854//	51102	88615		
Plymouth	827	81524	48237	97502	3742/	00203	83712	88521	
Chivenor	707	81218	59717	97201	854//	50204	86619	88629	
St. Mawgan	817	81523	40617	95102	872//	02202	83704	88709	
Culdrose	809	71414	58052	94703	755//	02803	82710	87628	
Scilly	804	61618	66216	92106	656//	03712	86645		
Elmdon	534	81307	14717	01652	855//	53205	87706	88620	
Shawbury	414	81108	13717	02152	862//	53102	88705		
Manchester	334	61004	37041	01854	656//	56104	82712	86640	
Squires Gate	318	51110	14104	01256	55700	57205	85650		
Valley	302	70909	62227	97551	756//	52805	85635	87650	
Ronaldsway	204	71027	28041	99400	785//	54000	81825	87630	
Carlisle	222	70000	48052	02653	4563/	55103	84635	87359	
Watnall	354	81007	09464	02954	856//	55105	88635		
Spurn Head	396	60000	32104	04152	65600	53216	86630		
Finningley	360	91102	01494	03757	9/0//	58209	89/0		
Dishforth	261	91201	F7494	03457	9/0//	59208			
Tynemouth	262	82301	37027	03051	856//	54211	88630		
Eskdalemuir	162								
Mull of Galloway	131	51220	81012	00201	525//	53204	85828		
Prestwick	135	80708	62022	01253	10937	55801	81359	88275	
Renfrew	141	80911	37042	02351	00907	52103	88275		
Leuchars	171	40714	66018	02601	48500	54204	82825		
Dyce	091	73301	48044	04653	5843/	54207	81815	85620	87360
Wick	075	70916	82022	04701	456/8	54207	84635	87270	
Cape Wrath	049	50713	86012	03602	585//	54204	85825		
Sule Skerry	010	30913	85011	04903	31600	52212	83830		
Lerwick	005	30610	82010	06300	31500	55205	83820		
Stornoway	026	80816	82022	04402	22507	53106	82824	88272	
Benbecula	022	81012	86022	02701	18507	53104	81825	88275	
Tiree	100	80812	83032	01801	21507	54106	82820	88275	
Aldergrove	917	80916	40042	98950	15607	51706	81630	88270	
Malin Head	980	61216	62102	99202	42508	55301	84826	86270	
Belmullet	976	70920	80037	93701	785//	54801	82825	87645	
Birr	965	50917	74022	92751	35601	51717	83632	85072	
Collinstown	969	81019	40707	95501	863//	51708	82706	88709	
Rineanna	962	81020	74027	90400	2567/	54713	82640	88458	
Roches Point	952	81221	74606	89505	854//	51819	84715	88624	
Valentia	953	81017	40697	87002	863//	01606	88707		

OBSERVATIONS at 06h. 5 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	71507	60022	03552	755//	56208	87625		
London Airport	772	61407	59022	03753	655//	55206	81625	86657	
Gatwick	776	11105	58021	04556	15700	58106	81656		
Thorney Island	871	71513	66021	03751	7093/	53205	87359		
Hurn	862	81513	62012	02150	855//	52204	83625	86650	
Guernsey	894	71623	56052	01851	6557/	55603	86625	87358	
Wattisham	590	01606	14284	05056	00900	58209			
Gorleston	497	02106	04464	05154	00900	56203			
Mildenhall	578	01506	19051	04857	00900	59206			
Cardington	559	70604	17104	03654	7093/	56304	87359		
West Raynham	485	71309	19031	05159	76000	59204	87700		
Wittering	462	61306	17102	04056	656//	56303	86656		
Boscombe Down	746	71512	59012	02453	756//	55101	82630	87656	
Ross-on-Wye	627	81408	60027	00251	864//	53805	88710		
Bristol	628	81212	58012	00751	854//	54605	82615	88625	
Aberporth	502	81424	58707	94301	2557/	51707	82625	88464	
Rhoose (Cardiff)	715	81214	59022	98900	854//	52501	88615		
Plymouth	827	81523	48027	97002	874//	00501	88712		
Chivenor	707	81122	48687	96101	854//	50705	84708	86614	88630
St. Mawgan	817	81625	23596	93203	872//	03607	84705	88709	
Culdrose	809	81520	56616	93004	855//	03712	86708	88620	
Scilly	804	71919	61626	89805	754//	04607	84710	87618	
Elmdon	534	81306	56037	01753	855//	54802	83710	88625	
Shawbury	414	81314	48227	00452	857//	54503	88656		
Manchester	334	81312	56027	01252	856//	54500	88640		
Squires Gate	318	81218	40777	00351	856//	53804	88635		
Valley	302	81215	61027	96001	856//	53708	83630	88647	
Ronaldsway	204	81132	09717	97550	872//	51710	88704		
Carlisle	222	60806	62032	02654	25678	59701	82635	85359	
Watnall	354	81005	09447	02954	856//	55400	88630		
Spurn Head	396	41404	59031	04052	45600	54204	84630		
Finningley	360	80000	28287	03958	855//	59203	88629		
Dishforth	261	81405	04424	04057	856//	58203	88635		
Tynemouth	262	81908	04444	03856	8062/	57205	88540		
Eskdalemuir	162	70000	70022	03456	25608	58301	82635	87270	
Mull of Galloway	131	81520	63737	96600	865//	51728	88720		
Prestwick	135	80609	70022	00152	60977	55805	86360	88275	
Renfrew	141	81705	56042	01953	864//	54301	88712		
Leuchars	171	50917	66278	02101	52500	51500	85826		
Dyce	091	63301	66028	04853	68500	54203	81820	86635	
Wick	075	31313	83011	04802	35600	55400	83630		
Cape Wrath	049	60905	86031	03801	22605	52703	82830	86070	
Sule Skerry	010	41109	84020	04203	685//	51704	83825	84630	
Lerwick	005	43506	82030	05753	31501	55400	83820		
Stornoway	026	81013	82022	03901	28507	52804	81825	88272	
Benbecula	022	80811	86022	01601	28537	54808	81827	83360	88275
Tiree	100	80919	83032	00801	585/7	55802	82825	85657	88270
Aldergrove	917	81017	37717	97050	863//	51710	88709		
Malin Head	980	81123	64022	97202	2562/	54711	82635	88459	
Belmullet	976	80917	74027	90302	864//	52615	86716	88645	
Birr	965	80916	66616	88202	874//	01725	86715	88632	
Collinstown	969	81322	64607	92902	863//	00709	82709	88712	
Rineanna	962	61018	66607	86101	673//	00619	82706	84714	86530
Roches Point	952	81715	74036	86605	864//	03703	88719		
Valentia	953	31110	74237	84303	36400	01809	83715		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00549	59	+	+
London Airport	772	00546	56	+	+
Gatwick	776	00579	63	+	+
Thorney Island	871	00527	57	+	+
Hurn	862	00516	52	+	+
Guernsey	894	00525	52	+	+
Wattisham	590	00597	61	F	FFff
Gorleston	497	00577	63	ff	ff
Mildenhall	578	00597	60	+	+
Cardington	559	97567	61	is_0ff	ff
West Raynham	485	00617	66	+	FF
Wittering	462	00566	61	+	+
Boscombe Down	746	00526	54	+	+
Ross-on-Wye	627	91527	53	is_0	is_0
Bristol	628	97517	53	is_0	+
Aberporth	502	97507	51	$s_0s_0sss_0s_0$	$is_0sss_0s_0$
Rhoose (Cardiff)	715	97517	51	$s_0s_0is_0$	$isss_0s_0$
Plymouth	827	01026	51	$ir_0s_0r_0s_0$	r_0r_0
Chivenor	707	93015	00	is_0	r_0s_0
St. Mawgan	817	07002	50	r_0r_0rs	$d_0r_0d_0d_0r_0r_0$
Culdrose	809	03012	01	$id_0d_0d_0$	$r_0r_0ir_0$
Scilly	804	19045	//	+	irrr
Elmdon	534	94537	55	s_0s_0	+
Shawbury	414	97537	57	s_0s_0	is_0
Manchester	334	97557	57	is_0	s_0s_0
Squires Gate	318	97575	58	$ffis_0$	is_0
Valley	302	95515	52	$is_0s_0s_0$	is_0
Ronaldsway	204	97518	51	s_0s_0	s_0s_0
Carlisle	222	00503	58	+	+
Watnall	354	97577	61	s_0s_0ff	s_0s_0ff
Spurn Head	396	00537	//	+	+
Finningley	360	97607	61	FF	$FFffis_0$
Dishforth	261	97597	59	FF	FFs_0s_0
Tynemouth	262	00567	58	ff	ff
Eskdalemuir	162	00577	60	/	/
Mull of Galloway	131	00523	//	/	/
Prestwick	135	00543	57	+	+
Renfrew	141	00535	53	+	+
Leuchars	171	01537	56	+	ps_0phps
Dyce	091	91579	60	$ifps_0$	ps_0
Wick	075	00015	53	+	+
Cape Wrath	049	00545	55	+	+
Sule Skerry	010	00023	00	/	/
Lerwick	005	00537	56	+	+
Stornoway	026	00011	51	+	+
Benbecula	022	00001	51	+	+
Tiree	100	00003	53	+	+
Aldergrove	917	94516	53	+	$is_0s_0s_0$
Malin Head	980	00005	00	/	/
Belmullet	976	97006	52	/	/
Birr	965	01515	54	/	/
Collinstown	969	97010	52	/	/
Rineanna	962	02005	00	/	/
Roches Point	952	06031	02	/	/
Valentia	953	25015	50	/	/

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_ww_wP_HH_w$	$Id_ww_wP_HH_w$
A	30620	33000	70116	74022	38001	756//	00721	/////	/////	06057	10334	1////
B	30565	51000	81440	56516	16604	862//	00712	88705	/////	00103	16351	1////
C	30528	35500	73624	69022	25805	78500	00727	85825	87650	05352	10247	1////
D	30440	41000	70516	69702	23412	74600	00605	87635	/////	05409	10843	1////
I	30587	19600	70536	98158	11705	59468	52802	82912	83818	05951	15549	1////
J	30526	19700	70330	96808	78707	59463	00510	81715	84920	05703	10347	18552
K	30449	15900	62929	60258	93109	69400	00716	81930	83826	05604	12644	13452
M	33660	01700	80727	60852	11450	894//	00607	85910	/////	06254	10732	10143

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_ww_wP_HH_w$	$Id_ww_wP_HH_w$
A	30620	33006	50416	76022	32800	52600	00726	/////	/////	06057	10434	1////
B	30565	51006	82330	56875	08604	832//	00534	88905	/////	00103	16353	1////
C	30528	35506	73626	69028	20803	42560	00725	84830	86358	05752	10247	1////
D	30440	41006	23612	69028	21412	21500	00610	82820	/////	05407	10543	1////
I	30584	20206	40439	98018	09403	42400	52816	84815	/////	06352	15459	1////
J	30524	19706	60431	97808	80105	694//	00205	82718	86920	05905	10448	18454
K	30448	15706	32628	65258	88909	39500	00723	81920	/////	05603	12745	13452
M	33660	01706	30328	60018	08550	39400	21705	82910	/////	06253	10535	10142

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36966

Date of Issue Wednesday 6 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 5 February 1963

ERSION BLE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
o °F										
104	Kew	775	61711	66012	05650	60931	56106	86362		
102	London Airport	772	61414	59012	05551	15731	55004	81650	85362	
100	Gatwick	776	71509	58022	06151	75700	55005	87656		
99	Thorney Island	871	71314	61032	05400	2577/	53005	82650	84359	86462
97	Hurn	862	71315	62032	03301	756//	50104	82635	87645	
95	Guernsey	894	61525	58012	02550	3557/	55102	83650	85360	
93	Wattisham	590	11612	44054	07252	10940	53107	81362		
91	Gorleston	497	11604	37284	07951	15500	53106	81624		
90	Mildenhall	578	11607	58011	06850	15800	54106	81657		
88	Cardington	559	71311	37052	05251	757//	53103	87656		
86	West Raynham	485	11608	09424	07055	00901	56205	87075		
84	Wittering	462	71408	37052	05651	6573/	55203	86656		
82	Boscombe Down	746	71522	58023	03851	756//	54104	82630	87650	
81	Ross-on-Wye	627	71608	60027	01001	755//	55400	87625		
79	Bristol	628	71420	62022	01900	1577/	54203	81650	87459	
77	Aberporth	502	81427	66227	93901	7647/	51605	87711	88458	
75	Rhoose (Cardiff)	715	81319	40707	00250	4547/	54214	81706	84618	88359
73	Plymouth	827	81428	48026	97403	6642/	51102	86715	88459	
72	Chivenor	707	71224	48687	96302	6557/	51000	82709	84711	86620
70	St. Mawgan	817	81426	48606	93303	855//	01703	83706	88620	
68	Culdrose	809	81630	56606	93104	854//	02602	87704	88616	
66	Scilly	804	71829	59216	88907	755//	05708	85707	87627	
64	Elmdon	534	81514	32717	02851	855//	54006	85620	88656	
63	Shawbury	414	71213	58227	01151	756//	54800	81710	87645	
61	Manchester	334	81315	56022	02251	8097/	55003	88359		
59	Squires Gate	318	81425	30707	00000	855//	53603	81625	88645	
57	Valley	302	71422	62022	95002	5557/	53608	85630	87460	
55	Ronaldsway	204	91239	01737	96451	9/0//	51808	89/01		
54	Carlisle	222	60810	62022	03200	15741	54001	81650	83359	85075
52	Watnall	354	71709	37044	04551	756//	55201	87640		
50	Spurn Head	396	61611	40021	06051	60930	53206	86365		
48	Finningley	360	71313	26107	05153	756//	53000	87640		
46	Dishforth	261	71409	17057	05152	6573/	53201	81708	86656	
45	Tynemouth	262	81620	58028	05400	855//	53003	88620		
43	Eskdalemuir	162	71215	62227	03052	25678	55004	82638	84459	87270
41	Mull of Galloway	131	81633	60027	96300	874//	51703	88710		
39	Prestwick	135	71019	66022	99400	15576	55806	81625	83360	87275
37	Renfrew	141	80914	28042	01951	7571/	56002	87650	88464	
36	Leuchars	171	81313	74022	04751	1567/	53111	81640	83360	88462
34	Dyce	091	81107	48260	06550	6242/	51308	83703	86812	88465
32	Wick	075	71312	82022	06002	25508	57102	82625	87270	
30	Cape Wrath	049	70913	86032	03601	765//	55707	87725		
28	Sule Skerry	010	61109	84032	04903	35546	52400	83625	86070	
27	Lerwick	005	60906	82022	08101	28408	55210	81818	86068	
25	Stornoway	026	81117	82022	03403	22507	54806	82827	88270	
23	Benbecula	022	71009	86020	00902	3551/	55705	82624	83650	87462
21	Tiree	100	81025	86032	90802	48537	54714	81824	84630	88270
19	Aldergrove	917	91224	05737	94900	9/0//	50712	89/02		
18	Malin Head	980	81230	32716	94501	874//	00820	87712	88718	
16	Belmullet	976	70810	69017	87703	5647/	01707	83713	85633	87459
14	Birr	965	81108	62216	87403	864//	03006	88715		
12	Collinstown	969	81424	40697	91202	862//	50609	85704	88707	
10	Rineanna	962	71110	80037	85805	48406	04005	82714	84820	87270
9	Roches Point	952	71512	78031	86307	63472	05805	81918	86540	87070
7	Valentia	953	81408	66007	83606	835//	03706	88921		

OBSERVATIONS at 18h. 5 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	11014	66021	05952	00901	58302	81078		
772	11213	48011	05052	10931	56502	81362		
776	11109	58021	05753	15701	57301	81656		
871	51112	58012	04651	15801	54703	81657	85070	
862	61314	58042	02400	20932	52607	82360	86075	
894	71524	56052	01101	35772	54708	83650	86360	
590	11212	56020	08054	10930	56203	81360		
497	61515	60031	09300	655//	53207	86624		
578	41510	58031	07153	20932	56305	82360		
559	71114	23051	05153	7097/	54400	81358	87460	
485	41414	59030	08054	00902	57204	84072		
462	71411	40041	06054	15702	56302	81650	87073	
746	61418	58012	02952	25702	56204	82650	86072	
627	81210	57022	00251	865//	57201	88720		
628	81217	58022	01051	4573/	55702	84656	88360	
502	81429	23737	92550	863//	51603	88707		
715	81120	59367	99251	2557/	53505	82625	88359	
827	81330	24227	95102	7632/	01709	87706	88530	
707	81230	14737	94501	6722/	01805	86705	88515	
817	81432	35636	90703	7732/	02608	87707	88510	
809	81732	20636	90305	871//	03714	86703	88708	
804	81818	66026	87607	3547/	05709	83615	88456	
534	71314	40367	02452	45678	57500	84635	84360	86270
414	71417	57042	00251	1567/	55101	81640	86360	87363
334	81218	58027	01550	4577/	53101	84650	88359	
318	81328	50047	99700	1567/	55800	81635	84359	88463
302	81323	62027	93203	3567/	56705	83630	88458	
204	81245	56367	95000	856//	53706	86710	88635	
222	81019	48052	02300	8097/	55501	85359	88460	
354	71217	23042	04753	7087/	56103	83357	87462	
396	81318	48032	06850	8093/	53306	88365		
360	81320	50032	05552	25737	55108	82650	84359	88270
261	71312	48042	05252	5573/	55305	85656	86362	
262	81532	58022	05201	856//	50400	88630		
162	81112	40717	03853	872//	55302	88705		
131	81130	16717	92251	871//	53720	88703		
135	81028	23717	97951	3567/	53611	83630	83358	87460
141	81025	16717	00251	8541/	53712	86711	88620	
171	81223	56858	04701	5857/	53603	84820	88462	
091	81212	40058	07401	3841/	53204	82815	88465	
075	81420	80022	06602	556/7	53305	85630	88270	
049	61413	83022	03301	685//	52705	86625		
010	61418	84022	04503	4554/	52701	84625	86360	
005	11308	80011	10500	15505	56215	81625		
026	81118	80032	02202	25607	55604	82630	88270	
022	80919	83022	98202	3552/	55709	83625	88460	
100	91036	04737	95751	9/0//	51710	89/00		
917	81318	09717	92500	860//	50609	81700	88702	
980	81124	56687	90701	872//	01716	84704	88712	
976	80812	66022	84802	6647/	01711	83717	86637	88461
965	71315	74016	85504	764//	02703	85716	87626	
969	81520	48617	89002	863//	01303	83705	88708	
962	71011	80022	83404	38502	03608	81822	83650	87068
952	71411	74258	84006	394/2	04708	82918	83645	87070
953	71210	60218	81705	735//	03703	87921		

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00009	038	+	+
772	00016	035	+	+
776	00519	040	+	+
871	00016	006	+	+
862	00016		+	+
894	00015	010	+	+
590	00517		f	+
497	00017	038	F	+
578	00017	040	+	+
559	00007	016	+	+
485	00527	014	FF	+
462	00506	021	+	+
746	00006	012	ks_o	+
627	91017	008	is_o	+
628	00016	000	+	+
502	01027	000	is_o	s_os_oss
715	97007	001	$is_os_os_o$	ks
827	05035	000	ir_os_o	ssirirs
707	04036	000	r_os_o	ir_oisss
817	15042	000	ir_orr	rrRR
809	14052	000	$ir_or_or_o$	r_or_orrRR
804	10082	002	rr	$rrir_o$
534	93007	002	$is_os_os_o$	+
414	97017	002	$is_os_os_o$	+
334	97015	001	s_os_o	+
318	92015	006	is_ois	+
302	97035	000	is_o	+
204	97017	000	$is_osss_os_o$	s_os_o
222	00013	011	+	+
354	00507	000	+	+
396	00007	020	+	+
360	00517	000	+	+
261	00517	000	+	+
262	01017	000	ps_o	+
162	03517	001	is_o	$is_oisss_os_o$
131			/	/
135	97015	000	+	$is_osssks_os_os_o$
141	97016	000	+	s_os_oks
171	95027	001	+	$ps_oks_\bullet$
091	95029	000	ps_opsph_o	$ps_oph_oks_o$
075	00035	000	+	+
049	00033	///	+	+
010	00040	///	/	/
005	00026	045	+	+
026	00031	001	+	+
022	01036	003	+	$ir_os_os_os_oss$
100	09037	000	+	$r_os_os_os_oss$
917	09017	000	s_os_oisss	sss_os_oss
980	0902/	000	/	/
976	0303/	008	/	/
965	0305/	000	/	/
969	1902/	000	/	/
962	9106/	016	/	/
952	9707/	037	/	/
953	0407/	000	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33012	60316	70052	29701	69400	00611	/////	/////	06052	10344	1////
B	30565	51012	83430	10717	10950	854//	00249	80615	/////	07361	10351	1////
C	30528	35512	53619	69151	10304	32530	00714	83030	/////	05653	10249	1////
D	30440	41012	83214	69150	20212	30507	00000	81820	83630	05304	10343	1////
I	30500	20012	70442	97260	05901	793//	51822	87908	/////	06601	15447	1///
J	30523	19712	70436	97008	85306	69463	00332	82718	84920	05004	15456	1////
K	30450	15812	52537	70030	87109	58500	71712	83823	84650	05603	12648	13154
M	33661	02012	43422	60271	06050	49402	61610	83910	/////	06353	13446	10545

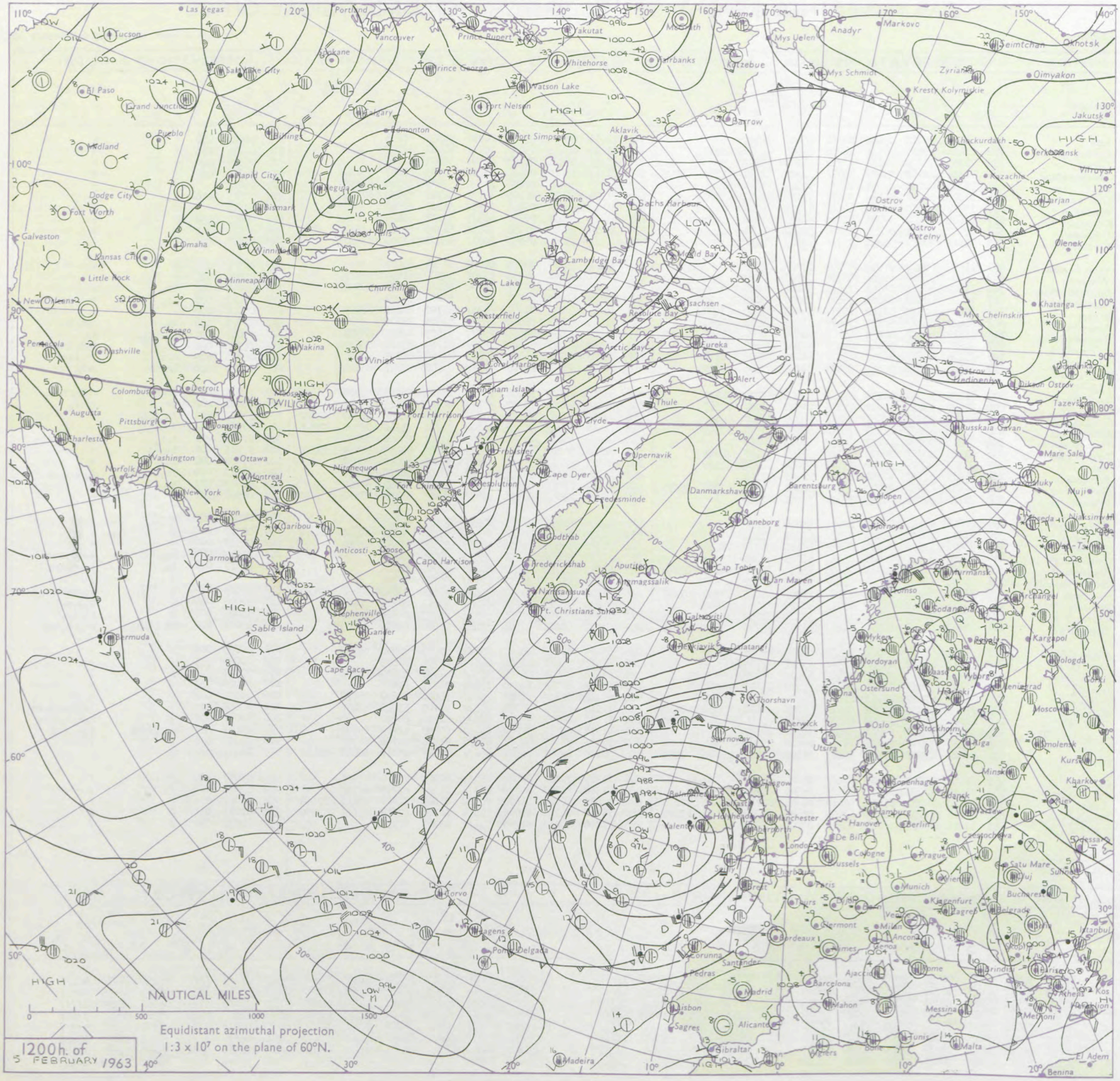
Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33018	70218	76158	24402	3 564	00732	/////	/////	05856	10234	1////
B	30565	51018	62325	63857	22061	62400	00220	86815	/////	08064	12459	1////
C	30528	35518	33620	69021	11904	31600	00719	83635	/////	05553	10248	1////
D	30440	41018	62910	69022	17412	68500	00619	82820	86656	05307	10543	1////
I	30582	20518	60530	97878	02904	39403	11817	83918	/////	06101	15441	1////
J	30524	19718	70438	96878	83905	69431	00704	86918	/////	06002	15252	15455
K	30452	15818	62537	65158	85911	69403	71107	82916	83823	05306	17642	13155
M	33660	02018	80320	60871	05301	894//	00304	88910	/////	06151	10247	10544

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

Mean Sea surface isotherms for FEBRUARY are shown thus —10°—

SCALE 1:2×10⁷

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

1800h. of 5 FEBRUARY 1963

0000h. of 6 FEBRUARY 1963

0600h. of 6 FEBRUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 6 February 1963

The depression to the southwest of Ireland has been slow moving but is now commencing to fill and move north or northwest. The strong to gale southeasterly flow over Britain will veer south and moderate as the thaw line moves northeast across England. Another depression may move to Spain tomorrow while pressure remains high to the north and east of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A belt of snow over Northern Ireland, Wales and the west country will move slowly northeast across much of England and Wales and into south Scotland. Many places will have moderate or heavy falls with drifting. There will be rain at times behind the snow belt, some of it heavy. Northern Scotland will remain cloudy and very cold. Most other areas will become less cold than of late with temperatures reaching 7° centigrade in the southwest of England.

OUTLOOK for the following 24 hours.

Slow extension of the thaw to remaining areas preceded by further snow in the north and east.

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

Code FM 11.A — OBSERVATIONS at 00h. 6 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			52					
London Airport	772	71010	56031	05453	00906	56101	87270		
Gatwick	776	71210	56033	06153	50972	57304	85464	85075	
Thorney Island	871	71117	64031	04550	20936	54301	82359	87070	
Hurn	862	81320	62012	02801	60937	50304	86360	88270	
Guernsey	894	81530	60 22	99601	35778	52805	83650	86360	
Wattisham	590	71223	40363	08752	763//	54302	87709		
Gorleston	497	81422	60 22	10451	855//	54105	88626		
Mildenhall	578	61316	48031	07952	45431	55200	84618		
Cardington	559	81112	50 52	06154	10937	57304	81362	88270	
West Raynham	485	81320	48031	08352	854//	55400	88614		
Wittering	462	71417	32042	06954	45401	55504	84615	87075	
Boscombe Down	746	81423	59032	03251	8091/	57303	88465		
Ross-on-Wye									
Bristol	628	81120	62022	01000	8091/	55305	88460		
Aberporth	502	91332	01757	92251	9/0//	52305	89/00		
Rhoose (Cardiff)	715	91328	01757	98151	9/0//	52803	89/00		
Plymouth	827	81529	40607	94403	874//	01301	88714		
Chivenor	707	81220	19717	94100	869//	50305	85701	88703	
St. Mawgan	817	81624	40216	90004	872//	04105	86704	88706	
Culdrose	809	81527	60606	89206	874//	05804	84708	88715	
Scilly	804	71823	61038	86607	32402	05102	83815	87275	
Elmdon	534	61416	50363	03153	1567/	57203	81635	86460	
Shawbury	414	81415	48042	01052	8091/	56003	88460		
Manchester	334	81224	58363	02151	8097/	56209	88459		
Squires Gate	318	81330	58042	00451	8092/	55005	88459		
Valley	302	81428	61227	92902	4542/	55000	82 19	83637	88458
Ronaldsway	204	91145	01727	96051	9/0//	51105	89/00		
Carlisle	222	81120	58052	03651	8097/	55111	86360	88463	
Watnall	354	81317	48022	05553	00907	56005	88275		
Spurn Head	396	71325	48012	07300	755//	53703	87625		
Finningley	360	81221	48022	06953	8091/	55107	88464		
Dishforth	261	81516	56052	06952	56407	55211	85710	88270	
Tynemouth	262	81534	66022	06001	3561/	50106	83630	88458	
Eskdalemuir									
Mull of Galloway									
Prestwick	135	81227	58027	99050	8092/	52207	88459		
Renfrew	141	81121	58042	01750	855//	54213	88640		
Leuchars	171	81326	66028	05902	4252/	53306	84820	88460	
Dyce	091	81215	66363	08901	884//	54108	82815	88630	
Wick	075	81430	83272	08403	7852/	53214	81820	87630	88462
Cape Wrath	049	81237	83022	00602	856//	52703	88630		
Sule Skerry	010	81437	74028	05404	5741/	00205	85710	88458	
Lerwick	005	51316	80021	13801	0 905	55217	85270		
Stornoway	026	81229	58707	01501	6542/	00501	86614	88525	
Benbecula	022	91430	07737	96800	9/0//	51707	89/02		
Tiree	100	91140	F4737	94650	9/0//	50500	89/00		
Aldergrove	917	91322	07717	92950	9/0//	51204	89/00		
Malin Head	980	81339	50706	89800	863//	51802	83709	88716	
Belmullet	976	71018	74022	83803	764//	02703	85718	87640	
Birr	965	81215	70506	84803	874//	02703	86712	88630	
Collinstown	969	91415	16736	90701	9/0//	50107	89/05		
Rineanna	962	80912	69808	82003	834//	03710	82715	86920	
Roches Point	952	21410	74258	82705	23400	03705	82918		
Valentia	953	31010	80 18	80404	39500	01705	83922		

OBSERVATIONS at 06h. 6 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	81210	57032	03752	865//	56616	88720		
London Airport	772	81016	48022	03453	8097/	55721	88462		
Gatwick	776	81113	50363	04053	65527	57618	86528	88160	
Thorney Island	871	80917	37707	01851	855//	54722	81625	88648	
Hurn	862	81115	02717	99851	874//	51614	88715		
Guernsey	894	41624	58056	97302	10932	51711	81360	84070	
Wattisham	590	61217	48363	07654	20978	57804	82360	85272	
Gorleston	497	11521	60011	09251	15500	53708	81622		
Mildenhall	578	71312	48032	06853	50972	56809	85360	86075	
Cardington	559	80811	56052	04153	8092/	56810	88462		
West Raynham	485	61116	40363	07853	6092/	55805	86462		
Wittering	462	81316	32042	05754	50977	56812	85362	88270	
Boscombe Down	746	81217	12717	00653	854//	53615	88612		
Ross-on-Wye	627	80914	24717	98 52	863//	52712	88708		
Bristol	628	81122	56717	98851	854//	53708	88610		
Aberporth	502	81229	40367	90150	864//	51713	86715		
Rhoose (Cardiff)	715	81120	40367	97851	863//	51806	86707		
Plymouth	827	81420	37626	92405	874//	03711	88715		
Chivenor	707	81225	57687	92102	854//	00806	84315	88620	
St. Mawgan	817	81520	32626	89105	873//	05505	86708	88712	
Culdrose	809	71816	62216	89106	755//	05301	82709	87620	
Scilly	804	72020	79138	85808	7097/	03708	87458		
Elmdon	534	81218	56363	00953	856//	55716	88631		
Shawbury	414	81113	40367	99752	857//	57812	88650		
Manchester	334	81123	58363	00851	8097/	56813	88459		
Squires Gate	318	81229	59022	00 51	856//	55500	88649		
Valley	302	61118	62037	92501	5661/	51108	85631		
Ronaldsway	204	81150	56037	94900	855//	53101	82620	88637	
Carlisle	222	80924	58032	03451	856//	54704	88645		
Watnall	354	81119	40022	04153	864//	57 16	88712		
Spurn Head	396	81522	32022	06750	5741/	53809	85715	88460	
Finningley	360	81219	40022	05953	35417	54611	83617	85464	88270
Dishforth	261	71316	56052	05853	30408	55610	83712	86275	
Tynemouth	262	81538	61022	06300	855//	54400	88620		
Eskdalemuir	162	81024	58383	04853	873//	50803	88708		
Mull of Galloway									
Prestwick	135	81227	62037	99151	8097/	55801	86361	88465	
Renfrew	141	81030	62022	01550	1562/	53507	84630	88459	
Leuchars	171	81329	66022	06501	855//	52005	86625	88650	
Dyce	091	81321	59368	09501	884//	53304	82818	83625	88640
Wick	075	81428	74232	09403	7562/	53205	87640	88460	
Cape Wrath	049	80537	82022	02101	855//	51218	88620		
Sule Skerry	010	81437	74022	05604	875//	51400	86720		
Lerwick	005	81616	74022	15802	4561/	53211	84630	88460	
Stornoway	026	71226	76017	01602	756//	52103	87635		
Benbecula	022	81333	48707	96800	864//	51203	88710		
Tiree	100	81241	28017	94300	4542/	00801	84518	86458	
Aldergrove	917	91331	08397	92451	9/0//	51301	89/00		
Malin Head	980	81238	56226	89501	864//	51004	88715		
Belmullet	976	51018	74017	81702	554//	01710	82710	85638	
Birr	965	81223	66606	81702	874//	01713	86714	86630	
Collinstown	969	81522	59237	87902	864//	50807	88711		
Rineanna	962	71116	74258	78904	634/2	03720	84920	86630	87070
Roches Point	952	71725	66808	79806	734//	04609	87918		
Valentia	953	71104	74808	71104	795//	03131	87921		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.	CONVECTION TA °C
Kew	775	00539	54	+	+	40
London Airport	772	97536	55	+	is_0	39
Gatwick	776	00549	58	+	+	38
Thorney Island	871	02527	///	+	$is_0s_0s_0ss$	37
Hurn	862	03527	///	$is_0s_0s_0$	s_0s_0	36
Guernsey	894	95515	52	+	ir_0	35
Wattisham	590	00547	56	+	+	34
Gorleston	497	00527	56	+	+	33
Mildenhall	578	00547	58	+	+	32
Cardington	559	00546	56	+	+	31
West Raynham	485	00547	55	ks_0	ks_0	30
Wittering	462	00546	57	+	+	29
Boscombe Down	746	03547	54	s_0s_0	$ssffs_0s_0$	28
Ross-on-Wye	627	03527	52	+	sss_0s_0	27
Bristol	628	15537	53	iss_0s_0	s_0s_0	26
Aberporth	502	96527	52	ssSS	is_0	25
Rhoose (Cardiff)	715	02527	52	SSsssksiFff	is_0ks	24
Plymouth	827	12015	51	$rsir_0$	irRR	23
Chivenor	707	07005	00	$ssffs_0s_0$	r_0s_0	22
St. Mawgan	817	17032	03	rr	$irpr_0$	21
Culdrose	809	06032	03	ir_0	ir_0pr	20
Scilly	804	07052		phrpr	prir	19
Elmdon	534	97547	55	+	$is_0s_0s_0$	18
Shawbury	414	91547	54	+	$is_0s_0s_0ks_0ss$	17
Manchester	334	00525	55	+	+	16
Squires Gate	318	97515	52	+	is_0	15
Valley	302	01515	53	is_0is	+	14
Ronaldsway	204	91527	52	s_0s_0is	+	13
Carlisle	222	00523	53	+	+	12
Watnall	354	00547	55	+	+	11
Spurn Head	396	00527		+	+	10
Finningley	360	00537	56	+	+	9
Dishforth	261	00537	55	+	+	8
Tynemouth	262	00517	51	+	+	7
Eskdalemuir	162	00547	54	+	+	6
Mull of Galloway	131			/	/	5
Prestwick	135	97523	53	is_0	+	4
Renfrew	141	00515	51	+	+	3
Leuchars	171	00517	51	+	ks	2
Dyce	091	97019	52	ks_0	$pr_0s_0ks_0$	1
Wick	075	97025	01	ph_0	ir_0s_0	0
Cape Wrath	049	00013	53	+	+	−1
Sule Skerry	010	91021	01	/	/	−2
Lerwick	005	00016	54	+	+	−3
Stornoway	026	01521	53	s_0s_0	+	−4
Benbecula	022	99527	53	$ir_0s_0s_0s_0ss$	$sss_0s_0is_0$	−5
Tiree	100	99507	52	ffss	$ssffs_0s_0$	−6
Aldergrove	917	03529	51	sss_0s_0	ks	−7
Malin Head	980	04005	51	/	/	−8
Belmullet	976	92011	01	+	/	−9
Birr	965	04011	01	/	/	−10
Collinstown	969	09007	50	/	/	−11
Rineanna	962	00021	01	/	/	−12
Roches Point	952	03041	02	/	/	−13
Valentia	953	04031	01	/	/	−14

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33000	63525	74158	19703	69500	07722	/////	/////	05552	13556	1////
B	40565	51000	82510	59858	22962	824//	00002	88805	/////	08064	12359	1////
C	40528	35500	63611	69021	13103	68500	0 915	82820	86630	05751	10216	1////
D	40440	41000	83217	69702	15611	875//	00712	86820	/////	05410	13132	1////
I	40584	20200	606 0	98268	99803	634//	11724	86915	/////	06302	15640	1////
J	40526	19600	50128	98158	83608	29503	00614	82920	83070	05400	15452	1////
K	40452	15800	52822	65808	88710	59400	71112	82916	83823	05405	12657	13145
M	43660	02000	53612	63262	09300	39462	00228	83910	/////	06353	13621	10358

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33006	70226	76158	15201	79500	00726	/////	/////	06051	10356	1////
B	40565	51006	83028	56018	19950	8053/	0 812	86510	/////	07761	12344	1////
C	40528	35506	53416	69028	09603	52500	00617	85830	/////	05852	10134	1////
D	40440	41006	83426	65608	14009	2152/	00707	62820	88540	05601	13233	1////
I	40576	19806	50530	98018	94104	534//	11720	85915	/////	06003	10449	19970
J	40525	19606	50230	98038	81708	59563	00300	85920	/////	05403	10219	15452
K	40453	15906	62824	65258	69810	69400	71208	81916	83826	05503	12656	13144
M	43660	02006	70312	65016	13702	79400	00227	82910	87620	06054	10348	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36967

Date of Issue Thursday 7 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 6 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	81314	37717	03251	4742/	54003	84712	88550	
London Airport	772	81215	35717	03451	855//	54003	86712	88620	
Gatwick	776	81214	10717	03452	4732/	53802	84708	88512	
Thorney Island	871	80909	48057	02401	863//	51601	88708		
Hurn	862	81215	40017	00802	855//	50809	82712	88620	
Guernsey	894	71622	56051	98504	66332	03104	82706	86708	
Wattisham	590	71221	32363	06652	7097/	56505	87358		
Gorleston	497	61426	56052	09651	60971	52705	86358	83170	
Mildenhall	578	81316	40363	05751	2577/	56805	82656	88458	
Cardington	559	81120	40052	03551	856//	55705	88640		
West Raynham	485	81124	40363	06452	8097/	55606	88362		
Wittering	462	81317	40042	04852	8092/	56802	88462		
Boscombe Down	746	81420	28387	00950	855//	51302	88625		
Ross-on-Wye	627	81412	24707	97851	863//	51807	88708		
Bristol	628	81214	30707	98901	873//	52803	88709		
Aberporth	502	91422	09757	91800	9/0//	00306	89/01		
Rhoose (Cardiff)	715	81013	23687	96600	871//	00702	86702	88704	
Plymouth	827	71518	58258	94007	794//	05211	83712	87818	81918
Chivenor	707	81217	61607	93205	6557/	03000	84712	86622	88458
St. Mawgan	817	81818	59808	91408	833//	05210	83707	88912	
Culdrose	809	71620	60808	92607	734//	05223	82709	86915	
Scilly	804	72422	48278	89807	784//	05217	86812		
Elmdon	534	71118	40367	00552	4567/	54708	84635	87362	
Shawbury	414	81314	23717	99352	854//	55804	85710	88618	
Manchester	334	71126	56027	99851	3577/	54808	83656	87359	
Squires Gate	318	81231	48057	99600	7562/	57805	82635	87647	88460
Valley	302	81017	61022	93502	6552/	52211	82620	86630	88460
Ronaldsway	204	81145	20717	95851	854//	52302	85706	88612	
Carlisle	222	80918	32717	03650	6572/	52001	84715	86650	88556
Watnall	354	81018	37777	03452	3577/	56002	83656	88459	
Spurn Head	396	81526	24022	06150	3741/	52808	83715	88460	
Finningley	360	81225	50022	05851	8097/	55101	87360	88462	
Dishforth	261	71219	48043	05650	7097/	54702	81359	87362	
Tynemouth	262	81438	48052	07201	874//	52303	88718		
Eskdalemuir	162	81021	48717	05652	873//	55802	88708		
Mull of Galloway	131								
Prestwick	135	80826	56717	99850	3557/	55801	83620	86358	
Renfrew	141	81028	32707	02500	855//	55803	86716	88625	
Leuchars	171	81130	56363	07601	885//	01003	85820	88630	
Dyce	091	81319	40858	11001	884//	54106	86815	88630	
Wick	075	81532	62032	10703	625/7	54215	86820	88070	
Cape Wrath	049	70944	58682	05201	775//	52234	87725		
Sule Skerry	010	91137	01848	08502	9/0//	02214	89/00		
Lerwick	005	71318	82022	18102	21578	53105	82820	85460	87270
Stornoway	026	81132	66022	04202	3557/	55117	83628	85360	88464
Benbecula	022	81230	72027	98302	855//	53205	85624	88656	
Tiree	100	81142	58032	95901	6547/	00003	85618	85359	88460
Aldergrove	917	91335	04717	92400	9/0//	50211	89/02		
Malin Head	980	81334	09716	92200	863//	00304	85708	88635	
Belmullet	976	80917	59607	81702	5647/	01803	85713	88458	
Birr	965	71415	74018	85307	635/2	04222	86921	87072	
Collinstown	969	81320	56687	90502	862//	01014	83705	87709	88717
Rineanna	962	81721	82258	83604	534/3	02240	82713	85920	88066
Roches Point	952	31716	74038	85408	39400	05124	83918		
Valentia	953	61914	69256	82807	69500	05135	86920		

OBSERVATIONS at 18h. 6 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
775	81006	20067	03101	863//	52303	88708		
772	81110	31047	02701	8541/	52305	85712	88615	
776	81007	37507	03201	854//	51304	88615		
871	71010	37218	01802	6567/	01304	85709	86630	87362
862	41309	39016	00103	45640	02207	84630		
894	71614	58028	99406	36242	04307	83705	87070	
590	81315	09727	05452	855//	54302	83708	88625	
497	81420	40052	07550	855//	52501	88624		
578	81415	28247	04751	857//	53303	88656		
559	81109	32107	03251	864//	52102	88713		
485	81223	32363	05251	6547/	54302	83708	86615	88358
462	81311	23227	03852	862//	53301	83705	88709	
746	81210	23607	00801	863//	00306	88708		
627	81412	48022	98702	863//	01211	88708		
628	81211	30107	99302	864//	50304	88715		
502	71420	62258	93803	4347/	02113	84910	87460	
715	81113	23102	97802	872//	02110	87703		
827	31515	48041	95707	28402	06210	81815		
707	71211	74029	95405	684/2	04319	84710	82625	87072
817	61516	56028	94106	26232	06218	82705	84070	
809	61915	56052	93808	45570	06209	84620	82460	
804	71813	66028	92208	3247/	05211	83815	87458	
534	81208	19717	01051	873//	53211	84706	88710	
414	81010	17367	00051	863//	53214	83706	88710	
334	81118	20717	00251	855//	54208	83718	88625	
318	81224	24047	99551	855//	52306	85705	88620	
302	71520	61027	94303	5557/	00313	83625	85645	87459
204	81140	22367	96050	873//	51307	88707		
222	80812	14717	02051	855//	52203	84718	88630	
354	81215	14797	02952	8072/	53106	88456		
396	81225	24022	04151	864//	53709	88715		
360	81318	48037	04151	5557/	55500	85621	88360	
261	81121	38057	04551	3567/	54502	83630	88458	
262	81428	61022	05201	3742/	52604	83718	88458	
162	91019	02737	03553	9/0//	54603	89/01		
131								
135	81133	32717	98551	4742/	52805	84712	88530	
141	81030	17717	01350	854//	51501	83709	86615	88630
171	81235	60023	05702	885//	54612	85820	88635	
091	71320	40058	10001	52502	54503	85822	86070	
075	81428	61022	10503	7247/	52001	87812	88460	
049	81144	58022	05302	874//	52206	88715		
010	81137	66028	08804	875//	00201	88725		
005	81119	82022	18101	31537	54001	83828	83360	88275
026	81030	62052	03103	3557/	56707	83628	84359	88463
022	81126	66032	98502	6552/	52701	86622	88462	
100	81033	56687	97800	6542/	51210	82712	86618	88458
917	81320	09717	93700	855//	50304	86708	88620	
980	81227	32707	92601	6647/	51306	83713	86615	88459
976	81212	80217	85804	864//	03236	88716		
965	31310	70258	89204	33500	03222	82920	83632	
969	81412	48107	91704	862//	03312	82704	86705	88708
962	61212	82038	87304	13583	02217	81920	83358	86070
952	71313	74031	87907	39403	06211	83918	87068	
953	71412	74258	85306	79500	06114	87920		

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97029	000	$s_os_os_ssir_os_o$	+
772	92016	000	s_os_o	ir_o
776	93017	000	$1Ss_os_oid_oir_o$	id_o
871	06037	000	$ssr_os_oph_o$	$irir_o$
862	96046	///	ir_oir	ir
894	92065	019	$prpr_o$	pr_oir_o
590	95517	///	kr_ois_o	$ks_oiss_os_o$
497	95007	021	+	$s_os_ois_o$
578	97507	002	ks_ois_o	$is_oid_oir_o$
559	94505	006	ih_o	$ih_or_or_o$
485	97517	001	ks_oks	kss_os_o
462	95016	000	is_o	ir_os_oss
746	94017	000	r_os_o	$r_os_oir_oid_o$
627	02037	000	is_ois	ir_o
628	04027	000	$ksis_o$	is_oir_o
502	07045	001	$is_oSSir_os_o$	$prsprpr_o$
715	93036	000	$s_os_or_os_oid_o$	id_o
827	94092	03[illegible]	$rrpr_o$	pR
707	11072	010	$r_or_otlr_o$	+
817	07092	020	ir_oiRpr_o	+
809	05101	043	pr_o	+
804	02101	024	phr	+
534	03007	000	ks_ois_o	$ks_oisifs_os_o$
414	96007	000	$s_os_offisksf$	ir_os_o
334	97505	003	is_o	s_os_o
318	02016	000	is_ois	$is_os_os_o$
302	01051	001	is	+
204	92016	000	is_osFF	$ssFFr_os_o$
222	06019	000	$s_os_ois_o$	$s_os_ossis_o$
354	02519	000	is_o	ihssif
396	00007	002	+	+
360	93009	000	s_os_o	s_os_o
261	01007	001	iss_os_o	ss
262	00017	000	+	+
162	99529	000	SSksds	SSss
131			/	/
135	97006	000	s_os_o	s_os_oss
141	91016	000	$is_os_os_o$	s_os_o
171	00027	000	ks	+
091	97029	000	$pr_os_ops_o$	+
075	00035	000	+	+
049	00031		+	+
010	01041	///	/	/
005	00026	012	+	+
026	97031	000	+	is_o
022	97036	000	+	is_o
100	91016	000	$is_or_os_o$	$r_os_ois_o$
917	03019	000	$is_os_os_o$	$is_os_os_o$
980	0202	000	/	/
976	0805	002	/	/
965	0207	029	/	/
969	1005	000	/	/
962	0107	012	/	/
952	9108	060	/	/
953	0309	029	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	60324	56868	13850	69500	00608	/////	/////	06052	10367	1////
B	40565	51012	82205	37717	14758	8062/	00732	88535	/////	07260	12633	1////
C	40528	35512	53609	69268	06302	22562	00717	82820	/////	05951	13547	1////
D	40440	41012	83218	69026	13608	6257/	00400	86820	/////	05703	13244	1////
I	40588	19512	70618	98031	92706	19463	11603	81915	85825	05605	10644	10447
J	40525	19512	70132	97872	84508	4246/	00322	84818	87362	05404	18653	1////
K	40452	16012	23116	82018	93610	29400	81217	81916	/////	05403	13154	12643
M	43659	01912	60617	65028	17602	39442	00114	81910	83825	05953	10644	10248

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33018	50426	76158	09602	59500	00722	/////	/////	05758	10467	1////
B	40565	51018	83419	37717	07155	8041/	00742	88515	/////	06758	13534	1////
C	40528	35518	60000	69022	00003	22508	00729	82820	862//	05754	10346	1////
D	40440	41018	82914	63022	12307	63507	00612	86820	882//	05702	1304/	1////
I	40590	19218	71036	97808	91806	734//	21302	87915	/////	05503	10936	1047/
J	40524	19318	53424	98018	86207	31502	00229	83825	84068	05604	13346	10459
K	40450	15918	23122	82010	94710	28500	31213	82826	/////	05405	13253	12642
M	43659	01618	50722	65038	19802	58400	00210	82810	84625	05953	10645	10248

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000

Equidistant azimuthal projection
1:3 x 10^7 on the plane of 60°N.

1200h. of
6 FEBRUARY 1963

Explanation of symbols

CLOUD

Symbol

Sky

WEATHER

Symbol

Mist

Fog

Drizzle

Rain

Rain shower

Snow

Rain and snow

Snow shower

Hail

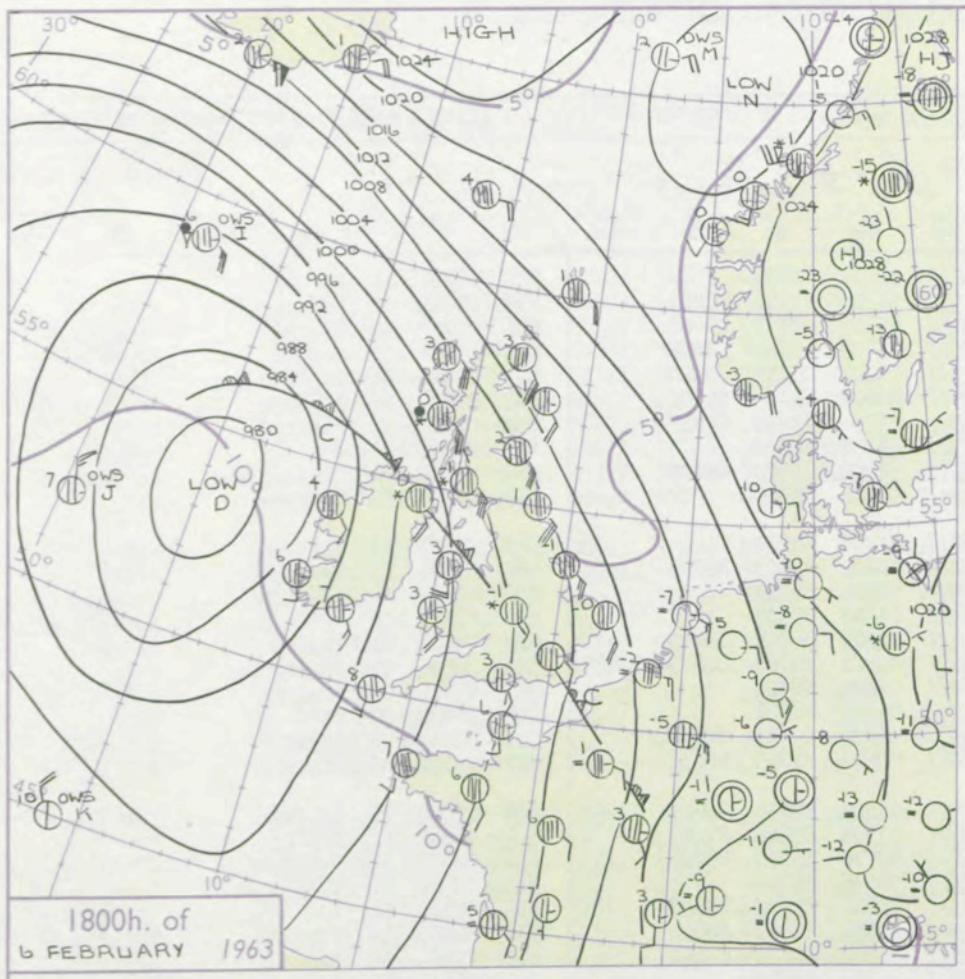
Thunderstorm

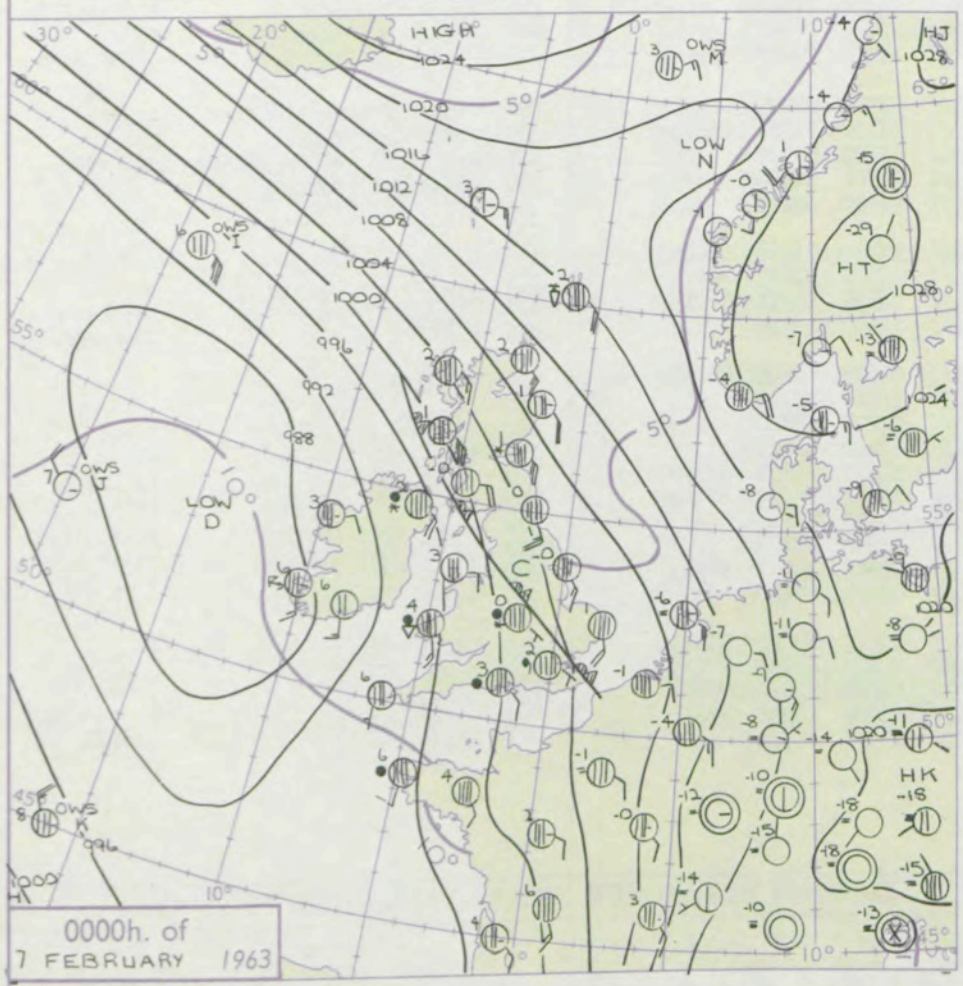
WIND

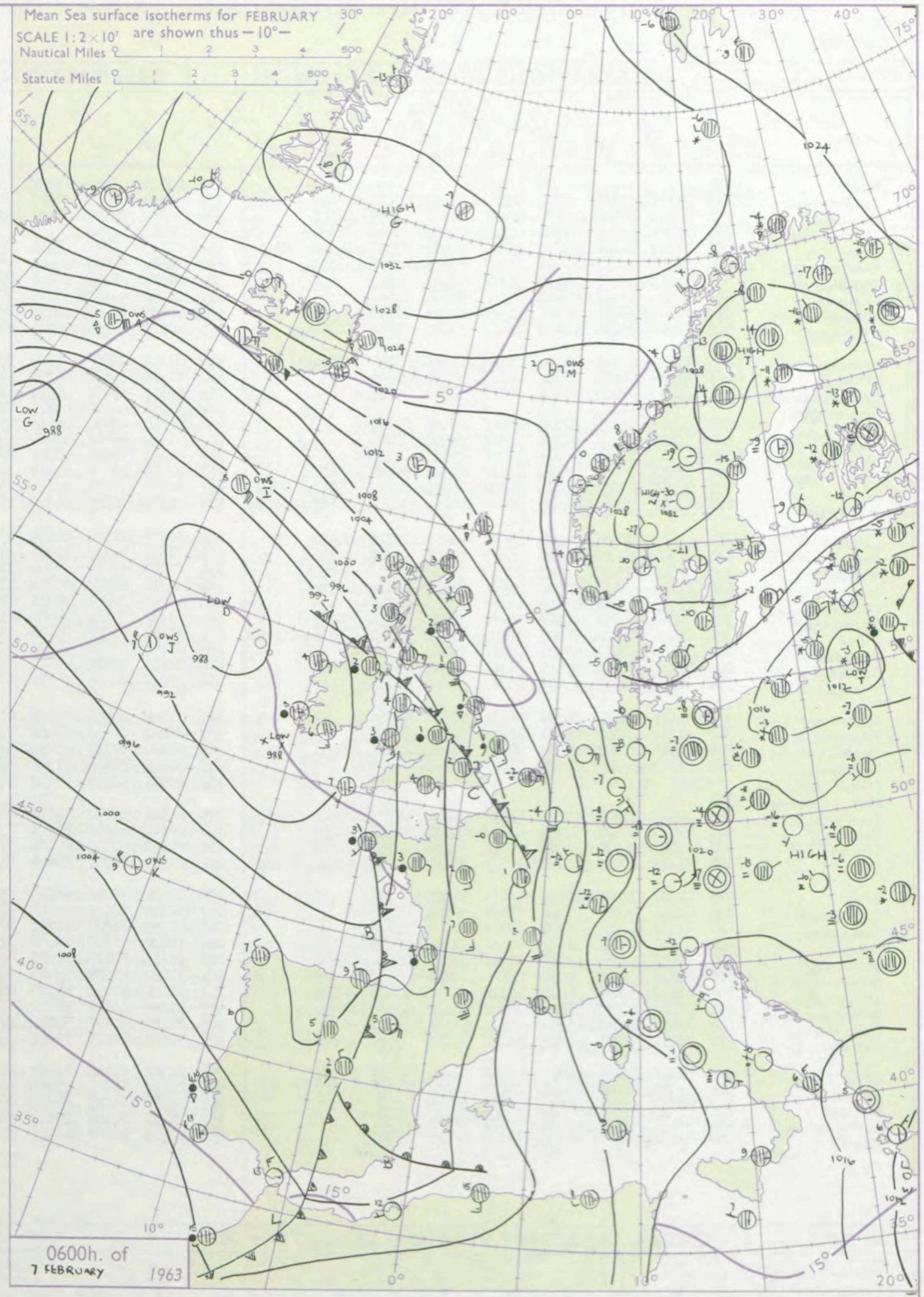
Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 7 February 1963

Pressure remains high over Greenland but the strong easterly flow over Britain has eased in the south and by tomorrow will be confined to the north of Scotland. A westerly flow over the Atlantic south of 55 degrees north is extending into western Europe and Atlantic air should cover much of England and Wales by tomorrow with a significant rise of temperature.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Much of Scotland and the high ground of northern England will have further snow giving some heavy falls with drifting but this will tend to turn to rain except in northern Scotland. There will be a little more snow over high ground in north wales and Northern Ireland but the remainder of England and Wales will brighten from the west after further rain today.

OUTLOOK following 24 hours.

Brithter with near average temperature in the south. Thaw accelerating in the north.

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

Code FM 11.A — OBSERVATIONS at 00h. — 7 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			02					
London Airport	772	01107	37515	02702	855//	00503	86620	88640	
Gatwick	776	80906	30515	03101	854//	00702	82708	88617	
Thorney Island	871	80808	28636	01902	854//	01000	87515	88630	
Hurn	862	81210	58636	00203	4552/	02400	83708	84620	88460
Guernsey	894	81414	56218	99605	855//	03801	82712	88622	
Wattisham	590	81213	37707	05150	855//	52400	88621		
Gorleston	497	81618	56057	06401	855//	51704	88626		
Mildenhall	578	81308	37056	04500	855//	51803	88622		
Cardington	559	80906	23676	03100	854//	51802	85708	88616	
West Raynham	485	81218	40017	05350	855//	51702	83709	88624	
Wittering	462	81308	14107	04251	862//	52400	88705		
Boscombe Down	746	81210	28616	01001	863//	51800	88708		
Ross-on-Wye									
Bristol	628	81111	40606	99902	854//	01400	88612		
Aberporth	502	81614	48808	95504	833//	03206	88906		
Rhoose (Cardiff)	715	81011	32216	98203	862//	03702	88704		
Plymouth	827	81415	40608	96206	855//	06001	86705	88620	
Chivenor	707	71207	58216	96005	5553/	05801	84705	85620	87359
St. Mawgan	817	81617	56602	94507	5552/	06003	82708	84620	88459
Culdrose	809	81613	58606	94907	855//	06203	85710	88620	
Scilly	804	71707	79028	93406	35472	05107	83618	85360	
Elmdon	534	81207	23687	01400	873//	51101	86706	88708	
Shawbury	414	81013	13667	00300	855//	51001	86708	88620	
Manchester	334	81107	23042	01300	874//	53010	88710		
Squires Gate	318	81020	32047	00100	854//	52000	82711	88613	
Valley	302	80808	66022	96203	15672	01110	81630	83460	88070
Ronaldsway	204	81131	23047	97702	863//	01208	88706		
Carlisle	222	81118	56717	02401	855//	52202	86623	88625	
Watnall	354	80907	27107	03151	863//	52801	88706		
Spurn Head	396	81317	32028	04550	864//	51400	88715		
Finningley	360	81214	18227	04351	863//	52000	88708		
Dishforth	261	81213	11227	04751	5742/	52001	85710	88450	
Tynemouth	262	81523	48227	05400	874//	50202	88710		
Eskdalemuir									
Mull of Galloway	131								
Prestwick	135	80918	58227	00450	4552/	53214	84622	86460	88464
Renfrew	141	81016	56227	02201	854//	50102	84613	88630	
Leuchars	171	81126	26717	05901	855//	51000	84712	88624	
Dyce	091	71219	48052	09701	705//	53702	82820	84628	88635
Wick	075	81427	74022	10002	856//	54603	88640		
Cape Wrath	049	81144	66022	07301	874//	52705	88715		
Sule Skerry	010	81137	66028	08103	875//	00704	88720		
Lerwick	005	81122	69051	16602	884//	51608	85815	88634	
Stornoway	026	81017	62027	03402	5551/	53506	85629	88462	
Benbecula	022	81226	62227	99502	854//	52303	85618	88629	
Tiree	100	81033	56027	90301	6552/	51310	86627	88459	
Aldergrove	917	81218	23697	95702	862//	01212	83705	88707	
Malin Head	980	81125	48107	94903	864//	02204	88710		
Belmullet	976	70711	74036	88503	556/2	02112	85635	87072	
Birr	965	81311	70258	90305	685//	04206	85821	86630	
Collinstown	969	81615	66616	93405	864//	04209	82711	88627	
Rineanna	962	31312	66012	88504	13503	03105	81920	83070	
Roches Point	952	41614	74038	89606	43400	04111	84918		
Valentia	953	71513	74179	88806	79503	03111	87921		

OBSERVATIONS at 06h. — 7 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_{dapp}	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
775	80706	60026	01402	855//	00608	88620		
772	80810	40026	00902	8097/	51709	83359	88460	
776	80606	56035	01201	854//	51710	82711	88618	
871	80812	40216	00401	6562/	51603	86641	88459	
862	81109	59036	99404	855//	01501	85715	88620	
894	81416	58616	98404	856//	02808	81715	88635	
590	81014	28247	03350	855//	51710	83620	88633	
497	81414	40537	05101	8052/	51706	88520		
578	81208	28586	02801	855//	51708	85620	88629	
559	80909	28216	01501	873//	50706	88708		
485	81115	24666	03700	856//	51708	88630		
462	81310	16677	02750	872//	51605	85703	88704	
746	81312	58026	00001	8097/	00504	88359		
627	81006	48606	00602	8032/	02610	88508		
628	81310	40616	98202	854//	01709	86708	88612	
502	81316	58618	94903	4567/	02501	82708	84635	88462
715	81112	23636	97001	872//	01604	88705		
827	81415	48636	95305	873//	05501	88706		
707	80909	57636	95204	856//	04704	86707	88626	
817	81008	66606	94204	856//	03501	84709	88632	
809	70803	78022	94605	4551/	04402	82710	84623	87460
804	71805	81012	93207	3547/	07301	83618	87458	
534	81110	23617	99501	872//	00710	86704	88706	
414	81010	17687	98701	873//	00810	88706		
334	81015	35687	99901	855//	52610	85712	88628	
318	81122	35682	98900	855//	50708	82712	88626	
302	81107	66028	95704	5567/	02502	85630	88460	
204	81130	23616	97002	872//	01702	88705		
222	80713	56022	02300	855//	53400	88625		
354	81011	14686	01550	872//	50709	88705		
396	81316	24808	03401	874//	51707	88715		
360	81012	20637	02600	875//	51710	86706	88711	
261	91108	07737	03250	910//	51709	89100		
262	81425	37108	04301	875//	01708	88720		
162	80911	62387	03100	855//	51810	88620		
135	80916	50032	99601	855//	51000	83718	87629	
141	80914	56042	01701	854//	52801	87615	88625	
171	81123	50607	05002	874//	00504	86711	88715	
091	81315	40708	08801	854//	51500	83618	88623	
075	81426	59022	08903	855//	52605	86625	88640	
049	81444	58022	05801	874//	53716	88715		
010	81137	66028	07503	875//	02701	88720		
005	71220	66858	16001	784//	52400	86818		
026	71123	62017	02903	4563/	51603	84639	87360	
022	71122	69022	99403	5563/	51504	85637	87360	
100	81031	56032	98303	854//	51502	88617		
917	81115	40617	96102	863//	01203	88707		
980	81226	32697	95102	873//	01305	84707	88715	
976	71111	80026	89204	756//	02204	87640		
965	51312	74258	91504	585//	03207	83821	85633	
969	81413	62216	93904	862//	03203	83703	88704	
962	61210	80022	89804	685//	02207	82820	86640	
952	71714	74258	90606	794//	04209	86918	87633	
953	50909	69608	88705	56400	03307	85718		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	96026	01	r_or_oir	+
772	01015	00	$d_od_or_or_oir$	r_or_o
776	01007	51	$id_od_od_o$	$d_od_oir_o$
871	05016	00	r_or_orr	$ir_od_or_o$
862	07025	00	ir_orr	$ir_orrr_or_o$
894	03031	02	$ir_or_or_o$	$ir_or_or_o$
590	01527	52	$is_oir_os_o$	r_or_o
497	91527	54	+	d_od_ors
578	95517	51	$ir_oid_od_or_o$	$d_or_or_or_o$
559	02505	51	$ir_or_or_o$	r_or_o
485	93527	53	is_oks_o	r_or_o
462	05526	53	ssr_or_off	ir_off
746	02016	50	$id_or_or_o$	$r_or_oid_o$
627	07027	00	r_or_o	$r_or_oid_o$
628	03016	01	ir_oid_o	$r_or_od_od_o$
502	04035	01	$pr_opprr_or_o$	r_or_o
715	05016	01	ir_oirrr	r_or_orr
827	16052	03	pRrr	RRrr
707	06042	03	id_oir	rrr_or_o
817	09032	03	$ir_or_or_o$	$rrir_o$
809	02042	03	$ir_or_or_o$	$r_or_oid_o$
804	02062	//	pr_oir_o	+
534	06007	52	$r_os_od_or_o$	$rris_oid_o$
414	03517	51	r_os_o	r_os_o
334	97515	51	+	$ir_ois_or_or_o$
318	01006	51	+	$r_os_os_os_oss$
302	02021	50	+	pr_orr
204	04015	50	ir_os_o	$ir_or_os_or_or_o$
222	97529	55	s_os_o	s_os_o
354	03527	51	+	$rrr_or_or_os_o$
396	01516	//	$prsir_o$	pr_orr
360	03529	52	r_or_o	r_or_o
261	05527	52	$ssffs_os_or_os_o$	d_os_ossff
262	02516	50	$sspr_os_o$	$r_os_or_s$
162	99539	//	is_o	is
131				
135	97515	53	is_o	$r_os_oir_o$
141	94506	51	is_o	+
171	95005	50	$is_os_os_o$	is_oir_o
091	97009	51	pr_os_o	$ps_ois_opr_os_o$
075	00013	01	+	+
010	91022	01	/	/
005	95006	52	ps_oph_o	ph_ois_o
026	93011	50	is_o	$is_or_os_o$
022	91015	01	$is_os_os_o$	ir_os_o
100	92005	51	is_o	ir_os_o
917	07006	50	id_o rs	$r_os_or_or_or_os_o$
980	09015	51	/	/
976	96021	01	/	/
965	01021	51	/	/
969	06031	03	/	/
962	96021	00	/	/
952	97051	03	/	/
953	08031	03	/	/

CONVE TAB °C t

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{sapp}	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33000	80734	60608	01105	5742/	00647	/////	/////	05002	14988	1////
B	50565	51000	93211	05717	99452	9/0//	00739	89/03	/////	06153	13334	1////
C	50528	35500	80904	69022	95503	22507	00725	82820	882//	05754	13646	1////
D	50440	41000	82917	63608	09310	5552/	00725	85620	/////	05407	12044	1////
I	50591	18900	61035	98258	94006	6341/	21504	84912	84825	05502	16042	1////
J	50523	19400	13018	99031	89107	14502	00116	81625	/////	05751	13143	13448
K	50447	15900	73125	70258	98808	6953/	41228	81920	83026	05704	13254	12642
M	53659	01600	70716	65012	22203	75500	21210	87630	/////	05756	10744	10246

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{sapp}	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33006	70842	66888	03105	79400	00211	/////	/////	05003	10889	1////
B	50565	51006	80935	63027	97502	5452/	00503	85620	88459	0////	16041	1////
C	50528	35506	81406	65612	91102	8082/	00715	88457	/////	06000	10745	1////
D	50440	41006	83230	63806	07610	884//	00605	85815	83625	05407	13145	1////
I	50591	18606	71035	98278	92505	794//	21813	83912	87630	05703	15943	1////
J	50523	19206	22819	99016	90407	22500	00207	82822	/////	05701	12934	13448
K	50450	16006	32922	70258	01309	39500	71215	81920	/////	05603	12643	13254
M	53660	02106	30810	65261	22702	39400	00302	81910	/////	05951	10743	10243

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36968 — Date of Issue Friday 8 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 7 February 1963

ERSION BLE	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
104	Kew	775	81207	23022	00803	2632/	52804	82709	88459	
102	London Airport	772	81008	16042	00902	8092/	51806	88459		
100	Gatwick	776	80708	50056	00802	8091/	52705	88462		
99	Thorney Island	871	80810	37056	00102	8097/	51002	86360	88466	
97	Hurn	862	80807	39606	99703	3577/	00106	83650	83358	88460
95	Guernsey	894	81510	40616	99403	856//	02105	86703	88630	
93	Wattisham	590	81215	32022	03001	8092/	53605	88459		
91	Gorleston	497	81415	40055	04601	8052/	51709	88525		
90	Mildenhall	578	81108	32026	02302	856//	52708	82712	88640	
88	Cardington	559	80708	36056	01801	1561/	51616	81630	88460	
86	West Raynham	485	81116	28016	03301	856//	51806	85705	88630	
84	Wittering	462	81109	23106	02401	862//	52806	88705		
82	Boscombe Down	746	81208	37055	00401	5577/	50004	82620	85640	88362
81	Ross-on-Wye	627	81006	24216	99202	863//	01102	88708		
79	Bristol	628	80909	40616	99702	3552/	01204	83620	88550	
77	Aberporth	502	71710	69016	97003	45778	02214	81709	84650	87275
75	Rhoose (Cardiff)	715	81007	23636	99502	855//	01108	83705	85710	88620
73	Plymouth	827	81306	48026	97106	4642/	05210	84712	88458	
72	Chivenor	707	81108	66216	97605	5567/	04309	84708	85635	87362
70	St. Mawgan	817	71304	66026	96806	12578	04216	81820	85465	87270
68	Culdrose	809	71408	81808	97807	5851/	04218	82715	85625	87460
66	Scilly	804	52304	81022	96409	22402	05216	82819	85075	
64	Elmdon	534	81006	17586	00701	5742/	51001	85712	88530	
63	Shawbury	414	80707	13687	00202	872//	01106	83705	88708	
61	Manchester	334	81008	32616	00803	2567/	01106	82630	84358	88460
59	Squires Gate	318	81219	21617	00102	6722/	01307	86705	88515	
57	Valley	302	81605	69616	97304	6572/	02209	81712	86650	88459
55	Ronaldsway	204	81320	28616	98003	872//	02205	83705	88706	
54	Carlisle	222	81108	23606	02202	855//	00301	85718	88626	
52	Watnall	354	80810	14687	02101	8062/	50001	88540		
50	Spurn Head	396	81210	12027	03800	5632/	51002	85708	88558	
48	Finningley	360	81108	18617	03501	874//	00003	88710		
46	Dishforth	261	81110	11717	03701	873//	50006	88706		
45	Tynemouth	262	81424	12697	04201	5742/	01400	85710	88520	
43	Eskdalemuir	162	80918	18737	03100	8052/	01704	88520		
41	Mull of Galloway									
39	Prestwick	135	81115	58217	99302	3567/	01305	81715	83630	85358
37	Renfrew	141	80918	19687	01102	862//	01805	85704	88709	
36	Leuchars	171	81126	26687	05002	863//	01601	86706	88711	
34	Dyce	091	81215	37617	08902	854//	51201	81706	86709	88615
32	Wick	075	81325	56052	09203	855//	51701	88620		
30	Cape Wrath	049	71444	58022	02	775//	51216	87715		
28	Sule Skerry	010	81137	58022	07004	874//	03202	88715		
27	Lerwick	005	71309	82058	17001	784//	52106	81808	84818	85645
25	Stornoway	026	61218	61042	03704	2543/	50701	82618	86362	
23	Benbecula	022	80925	62027	99804	6567/	50103	86635	88460	
21	Tiree	100	81027	48687	98803	6742/	01204	86712	88540	
19	Aldergrove	917	81313	48237	96801	854//	00206	83615	88625	
18	Malin Head	980	81216	58107	96903	864//	02214	86712	88640	
16	Belmullet	976	71508	75011	92405	754/1	04215	83818	87640	
14	Birr	965	51408	80012	94107	58500	04214	82827	85640	
12	Collinstown	969	81514	16515	95604	861//	04110	85701	88703	
10	Rineanna	962	51311	80038	93208	555//	05217	83920	85640	81920
9	Roches Point	952	61616	69038	93607	634//	06214	84918	86640	
7	Valentia	953	43002	66018	93807	39502	05241	83922	84070	

OBSERVATIONS at 18h. 7 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
775	81407	28637	02002	874//	00310	88710		
772	81206	19617	02102	6742/	01311	86710	88556	
776	80703	20616	02001	863//	00214	88707		
871	80602	18102	02002	6562/	01216	86630	88460	
862	80000	28606	01402	856//	01316	86630	88650	
894	62408	28056	02105	46332	04221	84706	83070	
590	91312	11737	03500	9/0//	00308	89/03		
497	81614	40617	04602	8052/	00305	88525		
578	81307	11717	02901	4562/	00305	84630	88556	
559	81005	11717	02401	8042/	50309	88515		
485	81112	20717	03501	856//	50207	84705	88640	
462	91508	12777	02750	9/0//	50304	89/02		
746	71003	28237	01801	755//	50212	81620	87650	
627	80702	04446	01001	863//	00211	88706		
628	81004	14507	01401	873//	01210	88708		
502	51810	69012	99202	58502	01213	81818	85640	
715	80707	09466	01001	862//	01214	88705		
827	70000	37042	00405	15572	04218	81625	86070	
707	71007	40042	00103	58402	02215	82818	83620	87075
817	31709	64258	00005	39300	04319	81708	83922	
809	52109	66258	00107	584//	06218	82818	83625	
804	32911	82018	00007	23440	05223	82914		
534	81004	11047	01301	855//	51210	85620	88635	
414	80902	09687	01500	872//	50213	88705		
334	80811	19687	01301	872//	51305	85704	88708	
318	81213	10687	01101	773//	00210	87706		
302	70000	56606	99403	5572/	02214	85650	87462	
204	81218	17616	00103	872//	03214	88705		
222	80908	32616	03001	855//	50207	85715	88623	
354	80908	07707	02550	6622/	50204	86705	88557	
396	81315	16717	03200	864//	50203	88710		
360	80706	11717	03100	873//	51202	85708	88712	
261	91006	05737	04150	9/0//	50105	89/02		
262	81423	57237	04702	873//	00204	88709		
162	80807	40717	04100	874//	00312	88712		
135	81110	50206	01203	6557/	01213	81715	83621	85630
141	81011	13617	02403	855//	01212	82709	86713	88620
171	81223	28697	04702	6722/	01305	82703	85705	88510
091	81317	19697	08301	872//	00500	85704	87705	88707
075	81428	48616	08903	854//	01502	84710	88615	
049	71444	58022	02	755//	01725	87715		
010	81137	58022	07304	874//	03210	88710		
005	81121	62858	17001	3827/	51101	86805		
026	81028	61616	03203	855//	01705	83710	88622	
022	81217	61616	00103	855//	02101	86712	88624	
100	81126	59017	99403	6542/	01208	86615	88458	
917	81211	48012	98703	5551/	02208	83705	85620	88460
980	71516	56102	97903	764//	03310	85710	87640	
976	71610	75028	95503	6343/	02220	83716	85921	86636
965	71003	66808	96006	785//	03217	85820	87637	
969	71510	61105	98104	762//	03314	82705	87710	
962	62809	80158	97105	59403	04226	81711	82918	85635
952	12907	80011	97906	19500	01229	81920		
953	52908	80808	98807	59500	03228	85922		

OBSERVATIONS during DAY

iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	96035	000	is_o	$s_os_or_or_oir$
772	92035	000	is_o	$is_or_or_o$
776	01036	000	+	$id_oir_or_or_oif$
871	00036	000	+	+
862	01035	///	ir_orr	ir_o
894	01061	000	$r_or_oir_o$	ir_o
590	01016	///	+	is_ossrr
497	02025	000	+	$r_os_oid_or_or_o$
578	02026	000	+	$s_os_or_or_o$
559	01026	000	ir_ois_o	$s_os_ois_od_oid_o$
485	01017	000	+	$s_os_or_sr_os_o$
462	01017	000	ir_o	$is_os_os_off$
746	97026	000	ir_os_o	$ir_os_oir_o$
627	02037	000	$id_or_or_oir_o$	$ffid_o$
628	02036	000	$ir_or_or_or_os_o$	$r_os_oid_o$
502	97045	000	ir_o	+
715	04025	000	r_or_oRRrr	if
827	03071	012	rr	pr
707	01062	001	r_or_o	pr_o
817	01082	031	+	pr_opR
809	97091	022	pr_o	pr_o
804	91111	056	pr_o	pr
534	01026	000	$d_od_od_or_os_os_o$	s_os_o
414	03027	000	$r_or_or_os_ors$	$r_or_os_os_o$
334	01035	000	$r_or_oir_o$	$ir_or_or_os_os_o$
318	03036	000	$r_os_orrr_or_o$	$r_or_os_os_o$
302	01051	000	rrr_or_o	r_or_o
204	06035	000	r_or_orr	rrd_or_o
222	02036	000	$s_os_oir_o$	$r_os_or_os_os$
354	03017	000	$r_or_ois_o$	$is_ossffs_os_o$
396	02016	000	rr	s_os_o
360	02017	000	rrr_os_o	s_os_ossff
261	07017	000	$ssffs_os_o$	$ssffs_os_o$
262	12026	000	rsss	$r_os_or_os_o$
162	07017	000	$issss_os_o$	$s_os_ois_oss$
131		///	/	/
135	91033	000	$ir_or_or_oid_o$	$ir_or_or_oid_o$
141	02032	000	$ir_or_os_o$	$d_or_or_os_o$
171	09035	000	$id_or_or_os_orr$	rrrs
091	09036	000	$ir_os_or_or_oirs$	$r_os_orsrsrs$
075	01033	000	/	$ir_or_or_o$
049	93031		+	ir_o
010	93041	///	/	/
005	91026	000	ps_o	ps_ois_o
026	93041	000	ir_o	$r_or_oir_o$
022	02055	000	$ir_os_oir_or_or_o$	r_or_o
100	06035	000	$rsrsr_or_or_os_o$	$r_or_oir_o$
917	03036	000	r_os_o	r_os_o
980	0304/	000	/	/
976	0105/	005	/	/
965	0109/	037	/	/
969	9205/	000	/	/
962	0608/	028	/	/
952	9108/	070	/	/
953	0408/	044	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$Id_wd_wP_HW_w$	$Id_wd_wP_HW_w$
A	50620	33012	60640	60808	07405	594//	00229	/////	/////	05102	10689	1////
B	50565	51012	70941	63858	96102	72500	00612	87820	/////	06351	16041	1////
C	50528	35512	72006	69028	92703	32572	00814	83820	83357	05851	10645	1////
D	50440	41012	82923	/////	10608	884//	00215	86815	/////	05504	13046	1////
I	50592	18412	80936	97258	94107	5347/	21111	85915	88458	05505	15946	1////
J	50562	18812	52812	98258	93605	59503	00325	85920	/////	06102	12832	13545
K	50450	16012	22920	82258	05710	19501	71219	81920	/////	05504	12742	13254
M	53660	02012	41115	65271	24802	39462	00207	82910	/////	06050	11021	10242

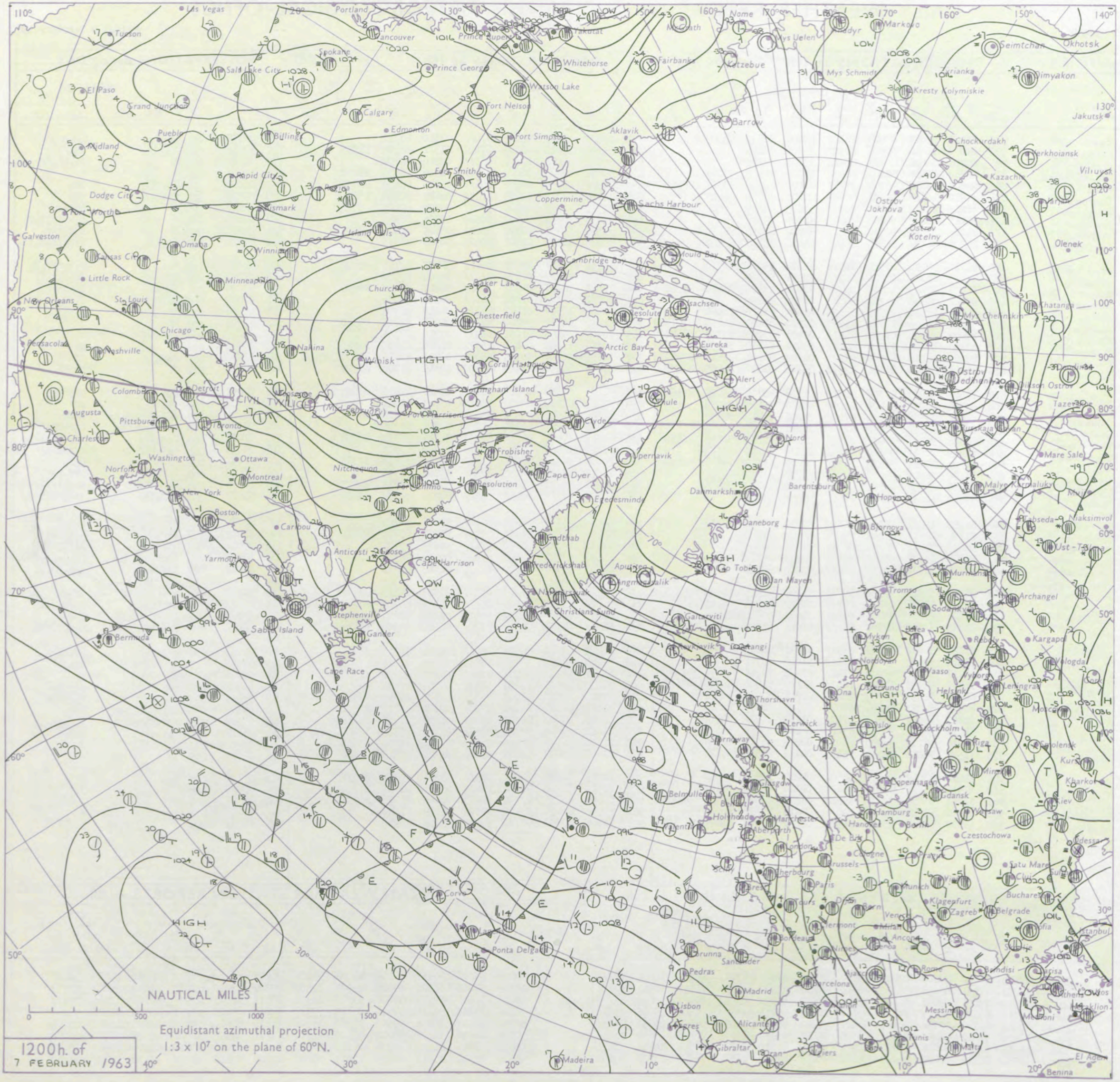
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_dT_d$	$Id_wd_wP_HW_w$	$Id_wd_wP_HW_w$
A	50620	33018	60636	66158	10004	59400	00208	/////	/////	05351	10689	1////
B	50565	51018	30926	69018	92901	32500	00727	83820	/////	06152	10847	1////
C	50528	35518	50911	69028	93304	22562	00317	82825	/////	05600	10846	1////
D	50440	41018	81816	59616	06110	875//	00836	88823	/////	05509	12746	1////
I	50592	18118	80934	96802	96407	7342/	21212	87916	88460	05505	15842	11248
J	50526	19018	52705	98011	91607	22502	71310	82825	86072	05600	127/1	13344
K	50452	16118	52422	82038	06011	58502	71002	83826	83650	05206	12542	13254
M	53660	01918	30812	80030	25903	38400	00208	82810	/////	05854	10720	10333

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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7 or more
8
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and snow
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Wind speed (knots)
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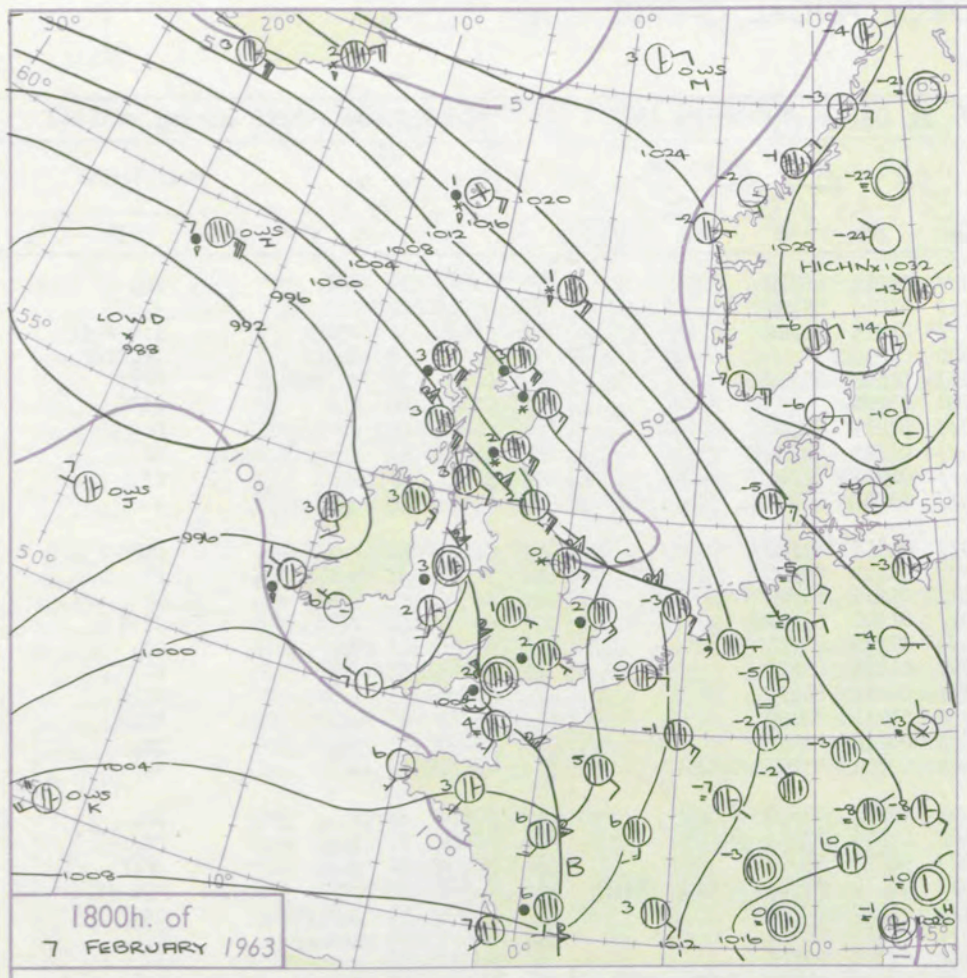
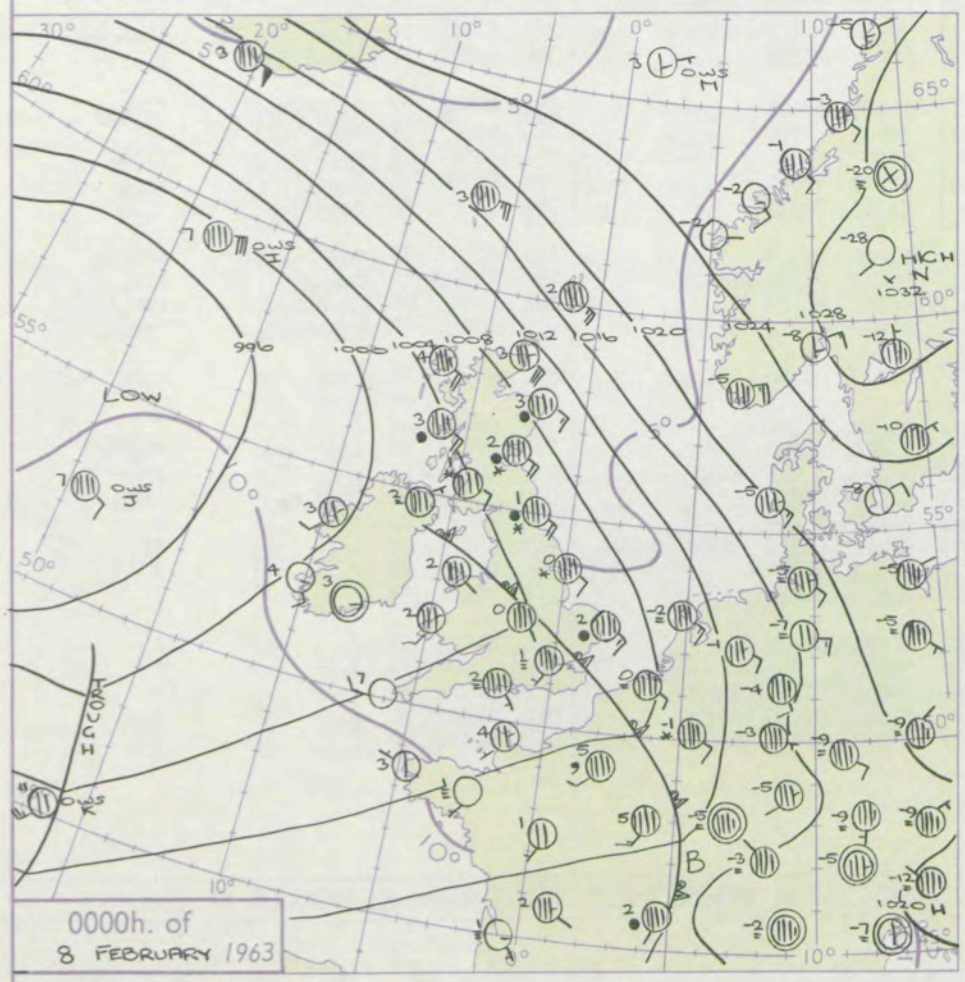
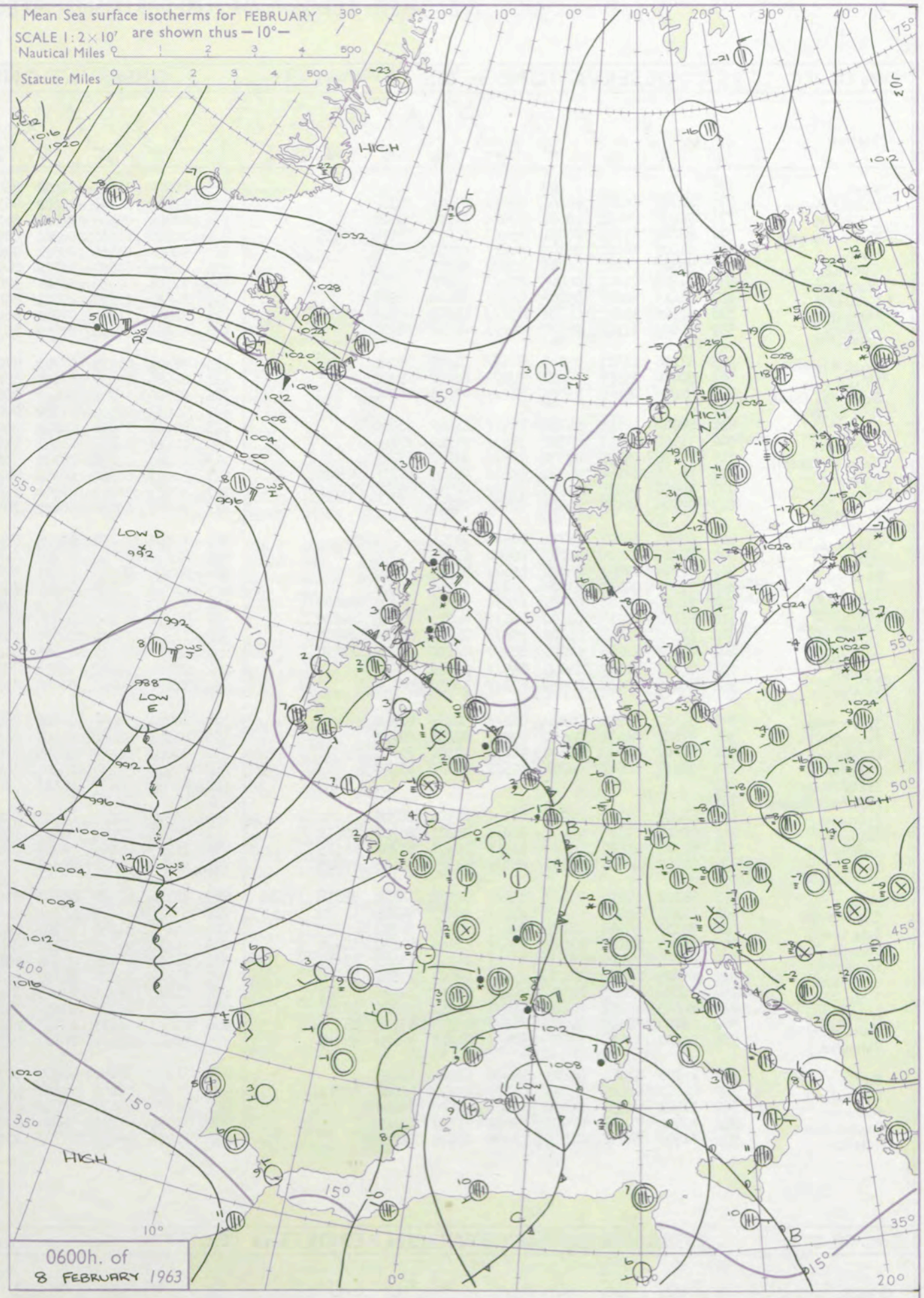
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Friday 8 February 1963

High pressure will continue over Greenland and Scandinavia. Warm air has penetrated quickly east over the west Atlantic south of 45 degrees north and with the recession to the northwest of the old low off Ireland and the next low moving towards southwest Ireland, air of Atlantic origin has been intruding slowly further north across the British Isles. This trend will continue, and by tomorrow the cold easterlies will be confined to the extreme north of Scotland. A weakening trough will swing across southwestern districts during tonight.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Scotland will be cloudy with rain or sleet at times, and snow over the Highlands and northern hills. More broken cloud will extend slowly across the south, leading to fog patches tonight in the central lowlands. In southwest England, Wales and Northern Ireland a steady thaw will continue, with broken cloud and some sunshine. Further cloud and some rain is likely tonight. The thaw will quicken over the remainder of England which will be dry with cloud breaking this afternoon.

OUTLOOK for the following 24 hours.

Rain at times but also bright periods. General thaw continuing.

Code FM 11.A

OBSERVATIONS at 00h. 8 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			02					
London Airport	772	82103	05466	06001	860//	01216	88701		
Gatwick	776	90000	F9476	05501	9/0//	01220	89/01		
Thorney Island	871	80000	07446	06001	6542/	01220	86618	88458	
Hurn	862	81605	16102	05102	864//	02217	88710		
Guernsey	894	22311	70021	06805	11502	03218	81820		
Wattisham	590	81505	11617	04801	872//	01206	88703		
Gorleston	497	81413	40616	05702	855//	01108	88621		
Mildenhall	578	81502	14217	04701	855//	01208	83705	88625	
Cardington	559	81602	11107	04801	862//	01213	88704		
West Raynham	485	81208	11517	05001	871//	01207	88702		
Wittering	462	90000	03477	05000	9/0//	00212	89/01		
Boscombe Down	746	81806	09466	05401	862//	01215	88704		
Ross-on-Wye	627								
Bristol	628	80000	12105	04702	864//	01212	88710		
Aberporth	502	71910	58216	02702	756//	01218	87640		
Rhoose (Cardiff)	715	71006	05426	04501	755//	01214	87625		
Plymouth	827	32906	37108	05304	38400	04227	81815	83625	
Chivenor	707	70906	56038	03803	774//	02218	85710	87712	
St. Mawgan	817	02709	62018	05405	00900	04228			
Culdrose	809	02603	69021	05704	00900	03220			
Scilly	804	02711	82020	05707	00900	04225			
Elmdon	534	81702	17057	04000	854//	51213	88616		
Shawbury	414	91303	04457	03800	9/0//	00210	89/02		
Manchester	334	81404	14687	03701	855//	51308	83707	88620	
Squires Gate	318	81109	10717	03100	856//	00210	82708	88640	
Valley	302	81502	61026	01802	855//	01210	83625	88645	
Ronaldsway	204	80913	14106	02202	862//	02106	85705	88710	
Carlisle	222	80706	11717	04600	855//	51208	88620		
Watnall	354	80000	03447	04550	872//	50210	88705		
Spurn Head	396	81312	12717	04300	864//	50207	88710		
Finningley	360	91602	06437	04600	9/0//	00208	89/01		
Dishforth	261	91202	07717	04600	9/0//	50301	89/00		
Tynemouth	262	81419	32687	04701	8052/	01602	88520		
Eskdalemuir	162								
Mull of Galloway	131								
Prestwick	135	81008	28717	02901	873//	00306	88708		
Renfrew	141	80911	19687	04101	854//	00207	86707	88612	
Leuchars	171	81121	23697	05602	7732/	01501	87707	88515	
Dyce	091	81217	48607	09303	854//	51305	86615	88625	
Wick	075	71328	66216	09403	754//	01500	82712	84618	87630
Cape Wrath	049	80930	66026	03	874//	00215	88715		
Sule Skerry	010	81137	58618	08103	874//	03207	88715		
Lerwick	005	81223	62227	17502	855//	51205	83620	88628	
Stornoway	026	81120	70026	04404	3552/	01207	83625	88459	
Benbecula	022	81315	61606	02404	854//	02209	85614	88624	
Tiree	100	81222	58606	02303	854//	01213	82708	88617	
Aldergrove	917	80603	13107	01502	862//	01210	84705	88707	
Malin Head	980	80000	56102	01004	863//	03319	87709	88650	
Belmullet	976	52112	80031	99503	585//	01220	82820	85640	
Birr	965	12107	48284	01801	15600	01226	81633		
Collinstown	969	82113	80515	00203	863//	02310	86707	88712	
Rineanna	962	31404	80031	02000	35600	00220	83640		
Roches Point	952	10000	74011	02603	15802	01117	81820		
Valentia	953	11708	80258	01604	19500	01008	81924		

OBSERVATIONS at 06h. 8 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	80000	33028	07602	865//	01219	88720		
772	81702	26104	08202	861//	01219	88702		
776	80000	05466	08601	861//	01215	88702		
871	00000	01466	08801	00900	01216			
862	90000	01454	08951	9/0//	51223	89///		
894	02508	82020	11104	00900	03220			
590	92108	02456	08301	9/0//	01219	89/00		
497	82601	22627	07801	864//	01213	88714		
578	81801	11284	07901	864//	01217	88712		
559	81906	28104	07402	863//	01212	88707		
485	92107	01475	07701	9/0//	01318	89/00		
462	82404	17287	07801	862//	01218	88704		
746	82706	15284	08601	862//	01216	88703		
627	92403	02454	07502	9/0//	01220	89///		
628	80000	11026	08202	864//	01219	88710		
502	11813	56031	06401	15700	01115	81650		
715	63205	17286	08102	655//	02219	86622		
827	20407	07424	08951	20930	51214	82360		
707	10902	56021	07901	15600	00215	81645		
817	71707	69031	08403	785//	02211	83825	87648	
809	71807	72258	08505	5553/	03207	85630	83360	
804	42410	83258	07707	22402	05206	82812	84075	
534	92104	04474	07001	9/0//	01217	89/02		
414	71702	17047	06501	754//	00314	84706	85611	87629
334	81705	13507	05801	872//	51210	88705		
318	81310	12107	05201	864//	00211	88718		
302	11806	74011	04703	15500	02320	81625		
204	82109	60012	03603	854//	03206	82706	84709	88616
222	81201	11227	05700	855//	50210	84715	88625	
354	82401	04447	07000	872//	50214	88705		
396	80000	02467	06400	862//	50211	88705		
360	81805	08444	06400	863//	00209	88707		
261	90000	04457	06051	9/0//	51108	89/01		
262	81907	32237	05401	8052/	50309	88520		
162	80000	10717	06351	874//	51305	88712		
131								
135	80505	32227	04700	854//	00209	88618		
141	80706	58027	05401	4732/	00207	84708	88517	
171	81107	28697	05701	872//	01101	88705		
091	81212	37696	08701	7732/	01802	87706	88512	
075	81326	56686	09802	854//	01302	86710	88615	
049								
010	81137	58616	08203	874//	03702	88710		
005	81124	66707	17101	854//	51400	84618	88623	
026	81118	69026	05604	854//	01205	84618	88636	
022	61512	62216	04102	654//	01209	86714		
100	81316	56016	03903	854//	01209	83709	88617	
917	71204	20102	03302	755//	01211	84707	85626	86645
980	81613	24615	03003	862//	03213	88705		
976	21409	82021	00702	28500	00205	81821		
965	31707	81030	04000	00902	51211	83072		
969	02306	66286	04301	00900	50220			
962	61109	83031	02700	28502	00003	81822	86070	
952	71504	69031	03605	18506	04001	81820	87270	
953	71516	80038	00907	735//	03710	83924	87637	

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	91015	51	ir_o	ir_o
772	00015	51	if	+
776	96506	51	$ffir_o$	ifr_or_off
871	93006	51	ir_off	ir_offFF
862	01535	53	1R1r1F	FFff
894	00031	00	+	ffFF
590	02006	00	rrr_or_off	ff
497	08005	54	$rrr_or_or_os_oir_o$	if
578	92016	50	r_or_o	ff
559	91005	50	d_od_oif	+
485	01007	50	r_os_off	ffFF
462	94517	51	$s_os_offis_o$	ff
746	00506	51	ifFF	FF
627	93007	50	$ffir_o$	ff1R
628	91016	51	ir_o	ir_o
502	92015	51	ir_o	if
715	97005	51	$ffir_o$	ff1f
827	95513	55	pr	$ffpr_o$
707	94001	51	pr_o	pr_o
817	00021	50	+	+
809	97031	51	+	pr_o
804	91051	//	pr_o	pr_o
534	91506	51	s_os_o	1Fff
414	94557	55	ff	r_os_o1F
334	91505	51	$s_os_or_os_o$	id_o
318	94006	00	$s_os_er_os_o$	if
302	00011	50	+	+
204	94015	01	d_cr_o	id_o
222	02517	52	s_os_o	$ir_os_os_os_s$
354	92517	51	$s_os_offis_o$	ff
396	02526	//	$s_os_or_os_oif$	ffr_os_o
360	91507	51	s_os_off	ff
261	02517	51	s_os_off	$ffis_o$
262	06005	50	r_os_o	r_os_o
162	02527	53	s_os_o	s_os_o
131				
135	03517	53	$r_os_os_os_oss$	sss_os_o
141	04006	50	rsr_os_o	r_os_o
171	12015	00	rrdrdr	$rsr_os_oir_o$
091	08016	50	$psr_or_oir_o$	rsr_os_o
075	04012	01	r_or_o	$r_or_or_os_orr$
049				
010	06032	02	/	/
005	92016	51	is_o	is_ophr
026	02031	01	r_or_o	ir_o
022	01025	00	$ir_or_or_o$	$ir_or_or_o$
100	95025	01	ir_o	+
917	00016	00	+	ff
980	97031	02	/	/
976	97011	53	/	/
965	09513	55	/	/
969	97503	52	/	/
962	97523	54	/	/
952	97021	56	/	/
953	03031	00	/	/

CONVE TA

°C t

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33000	80532	70022	11805	885//	00103	/////	/////	05200	10678	1////
B	60565	51000	81817	18718	95055	8042/	00229	08510	/////	06758	11937	1////
C	60528	35500	53610	69022	00304	54500	00129	85625	/////	05552	10945	1////
D	60440	41000	82531	69606	00817	855//	00612	88620	/////	00114	12460	1////
I	60592	18500	80828	98028	97607	525/7	21103	85820	88270	05406	10949	11918
J	60526	19100	81008	98031	93207	1452/	00811	81625	88165	05650	11971	12644
K	60451	16300	42326	70028	04511	48500	61710	81830	83650	05209	12345	13253
M	63661	01600	30806	80021	27103	32500	00206	83625	/////	05855	10070	10342

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33006	80434	66606	12005	6742/	00400	/////	/////	05101	10489	1////
B	60565	51006	71119	61858	97654	724//	00814	87815	/////	06456	11447	1////
C	60528	35506	23404	69021	03704	20930	00314	82362	/////	05553	11915	1////
D	60440	41006	82530	65806	02417	825//	00112	88825	/////	00215	12459	1////
I	60591	19006	60924	98022	96108	864//	52304	82818	86632	05305	10949	11917
J	60527	19006	60823	98258	90708	4251/	62724	84820	85462	05406	11032	12853
K	60451	15706	62527	70218	03412	69400	31508	81916	83825	05109	12345	13253
M	63660	02006	20517	80018	26803	29400	21303	81915	/////	05852	10542	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36969

Date of Issue Saturday 9 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 8 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
Kew	775	82408	28106	13503	863//	01222	88707		
London Airport	772	82304	37102	13402	862//	02227	88705		
Gatwick	776	82405	03464	13602	863//	02222	88702		
Thorney Island	871	90000	01434	14202	9/0//	02221	89/01		
Hurn	862	90000	F8434	13101	9/0//	51217	89///		
Guernsey	894	11811	74024	14507	16200	04114	81705		
Wattisham	590	92409	05434	12902	9/0//	02227	89/02		
Gorleston	497	82106	09424	12502	863//	02226	88709		
Mildenhall	578	82503	11284	12603	86?//	02224	88706		
Cardington	559	82307	15102	12802	862//	01225	88705		
West Raynham	485	82110	03444	12001	861//	01220	88702		
Wittering	462	82607	15284	12201	855//	00122	85704	86710	88620
Boscombe Down	746	71403	01424	13301	760//	01115	87700		
Ross-on-Wye	627	82602	17104	11702	862//	02217	88704		
Bristol	628	61406	28051	12605	656//	03216	86640		
Aberporth	502	61717	66034	08906	10942	03207	81362	86072	
Rhoose (Cardiff)	715	61108	56058	11503	585/1	02112	81820	85630	
Plymouth	827	61715	69038	11108	12532	06304	81820	85075	
Chivenor	707	41612	74038	10509	28403	06207	82818	83071	
St. Mawgan	817	41718	70020	09708	32402	06108	83815	83070	
Culdrose	809	61817	62031	10009	12532	06104	81820	84360	
Scilly	804	61915	74021	08609	28439	07104	81815	84365	
Elmdon	534	81508	06424	11502	861//	01222	88702		
Shawbury	414	41506	59034	10903	38582	00117	81820	83645	
Manchester	334	61910	48045	10203	655//	02220	81620	85640	
Squires Gate	318	71608	08044	09604	7857/	03221	83822	85635	
Valley	302	71715	61258	08305	6843/	04012	81705	83818	85635
Ronaldsway	204	11903	64015	07906	16402	04120	81710		
Carlisle	222	80000	19057	09501	855//	51218	83715	88623	
Watnall	354	91802	01474	11602	9/0//	01124	89/01		
Spurn Head	396	91602	10444	10501	9/0//	50222			
Finningley	360	02010	23024	09105	00900	01224			
Dishforth	261	01306	07444	10001	00900	50120			
Tynemouth	262	82302	06444	08701	863//	00118	88708		
Eskdalemuir	162	80000	32102	09750	871//	51119	88702		
Mull of Galloway	131	91208	08434	08803	9/0//	02221	89/00		
Prestwick	135	70706	23232	08001	755//	01218	81625	87645	
Renfrew	141	70000	12107	08802	755//	01117	82709	84712	87635
Leuchars	171	80000	12207	08103	862//	02216	82703	83707	88713
Dyce	091	81209	37617	10401	872//	00210	81703	86705	88710
Wick	075	81322	48617	11202	862//	02208	87705	88708	
Cape Wrath	049	70930	81022	07802	785//	01202	87620		
Sule Skerry	010	81124	48616	09903	874//	03209	88710		
Lerwick	005	81024	56587	18301	855//	50005	81706	84710	88620
Stornoway	026	71110	88016	08504	4553/	01116	84624	86359	
Benbecula	022	81411	62216	06904	855//	02115	84716	88620	
Tiree	100	71213	56056	07204	4553/	02218	81715	84620	87358
Aldergrove	917	70903	12284	07403	7?0//	02116	85701	87703	
Malin Head	980	51412	24106	05704	55401	03109	82710	85640	
Belmullet	976	71212	82021	01905	754//	03102	81717	87635	
Birr	965	71411	77032	04406	756//	04001	87635		
Collinstown	969	71308	66031	06706	68532	03209	81822	86650	87358
Rineanna	962	71014	74808	02106	794//	04805	81704	87918	86918
Roches Point	952	71420	66038	02908	785//	06808	82820	87635	
Valentia	953	81617	69258	99209	834//	07707	88918		

OBSERVATIONS at 18h. 8 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$8N_sC_hh_ss$
775	21503	12280	15502	00905	01312	82075		
772	11307	14100	15302	15600	01210	81645		
776	81704	02444	15901	861//	01211	88701		
871	91104	01454	16202	9/0//	02218	89/01		
862	91406	03434	14701	9/0//	01312	89/02		
894	71415	37284	14405	761//	04305	87702		
590	91705	F7454	16202	9/0//	00220	89/00		
497	82303	19104	16102	863//	01218	88708		
578	81603	03464	15601	861//	01217	88702		
559	30000	01452	15050	35700	51309	83656		
485	91910	F9454	15800	9/0//	00220	89/01		
462	91805	01434	15200	9/0//	00217	89/01		
746	91608	01474	15102	9/0//	01210	89/01		
627	62106	48021	12805	45571	02212	81720	83625	
628	51509	48031	13504	10932	02310	81365	85075	
502	71616	64022	08705	784//	03000	82817	86650	
715	71408	61051	12404	65542	02307	81625	86630	
827	7;416	62031	11107	56630	05301	85632	83359	
707	71008	69031	10706	68431	03308	81815	86640	
817	61517	58151	08807	32432	05501	83708	83815	85072
809	41813	62012	09208	26430	06500	82710	84361	
804	71723	61032	05608	50978	08807	85363	87280	
534	51507	19045	13501	45540	01211	84625		
414	81402	08464	13101	862//	01312	88703		
334	51708	23042	12203	45632	00212	84640		
318	71412	16044	11403	4563/	02315	84635	85360	
302	71514	66022	09906	784//	03209	81818	84622	86645
204	70711	60216	09704	7553/	04108	81705	87620	
222	80000	14607	12102	864//	01318	88715		
354	60000	07464	13901	5564/	01213	83630	83360	
396	91612	F6474	13700	9/0//	00219			
360	71307	07444	14001	3563/	01220	83645	86362	
261	01801	03464	13100	00900	51320			
262	32002	08444	11902	35500	01218	83620		
162	90000	01475	12600	9/0//	00218	89/01		
131	91110	00474	10003	9/0//	02208	89/00		
135	10906	32101	10351	15571	51215	81620		
141	3000	10284	11600	36300	51218	83708		
171	80000	05444	11101	872//	01220	88702		
091	80000	14056	11901	854//	01211	84708	88618	
075	81316	62616	12602	862//	02210	84705	88710	
049	71113	81022	10802	785//	00210	87620		
010	81124	66606	11203	874//	03209	88710		
005	81023	20687	19801	6732/	00111	84707	86714	88530
026	71205	66022	10604	1563/	01213	81630	87360	
022	61206	69012	09302	656.;	01212	86635		
100	21215	58051	09003	16402	01215	81710		
917	51111	32012	07904	2633/	02205	82706	84359	
980	61315	32101	07004	656/1	02307	86645		
976	81018	74026	01106	864//	04304	85717	88635	
965	81313	66258	03107	864//	06305	85715	88632	
969	81414	58108	06806	862//	05204	85704	88706	
962	81415	74258	00707	5343/	05301	83711	85917	88362
952	81518	58608	01507	874//	06503	88714		
953	81513	75258	98608	834//	05203	84714	88920	

OBSERVATIONS during DAY

iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00045	018 +	if	
772	97055	021 +	$ifffid_o$	
776	97026	000 ff	$fffd_od_o$	
871	00036	000 FF	FF	
862	91035	/// FF	FFff	
894	00081	072 +	ff	
590	97026	/// FFffFF	ff	
497	00035	000 ff	ff	
578	00036	000 ff	ff	
559	00025	003 +	FF	
485	97017	000 FFff	FFff	
462	97026	000 ff	ffFF	
746	00046	017 FF	FF	
627	00076	024 F	+	
628	00075	029 +	+	
502	00075	018 +	+	
715	00055	034 if	+	
827	00091	052 +	+	
707	91091	036 pr_o	+	
817	00091	051 +	jp	
809	00100	057 +	+	
804	02111	020 +	ir	
534	97026	008 $ffid_o$	+	
414	00057	042 FFffif	ff	
334	00045	029 +	+	
318	00075	031 ff	+	
302	92061	023 pr_o	+	
204	91075	034 ir_o	ir_o	
222	92037	004 s_orsir_o	ir_o	
354	00037	000 iFff	ff	
396	00026	016 ff	FF	
360	00067	049 if	ff	
261	00057	037 ff	ff	
262	00035	000 f	ff	
162	92017	000 id_odd	d_od_off	
131	00031	/// /	/	
135	97035	010 r_os_o	+	
141	00035	006 +	ff	
171	93035	000 ir_o	f	
091	02025	000 $r_os_oprsir_or_or_or_or_oid_o$		
075	04032	000 rrr_or_o	$rrr_or_oir_o$	
049	00031	+	+	
010	04032	/// /	/	
005	02016	000 r_os_o	$r_os_os_o$	
026	97041	000 ir_o	+	
022	92045	000 $ir_or_od_o$	+	
100	00055	014 +	+	
917	97056	014 f	ir_o	
980	91071	043 /	/	
976	97071	006 /	/	
965	97091	016 /	/	
969	97071	025 /	/	
962	93081	007 /	/	
952	04081	004 /	/	
953	93101	000 /	/	

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33012	80530	60606	14005	6742/	00215	/////	/////	05103	10589	1////
B	60565	51012	81444	61858	96151	8/0//	00705	89/02	/////	05853	11948	1////
C	60528	35512	20000	69021	07103	11501	00115	81825	/////	05352	12234	1////
D	60440	41012	02325	62028	03817	854//	00103	88615	/////	00115	12459	1////
I	60589	19312	61022	98028	99708	58402	51329	85818	/////	05106	10946	10735
J	60525	19912	70330	98216	92309	6557/	61210	82715	84620	05204	10334	10656
K	60452	16012	62923	80028	06510	58502	71217	83825	85650	05406	12845	13353
M	63660	02112	31017	80021	28003	39401	00203	81910	/////	05856	10932	1491/3

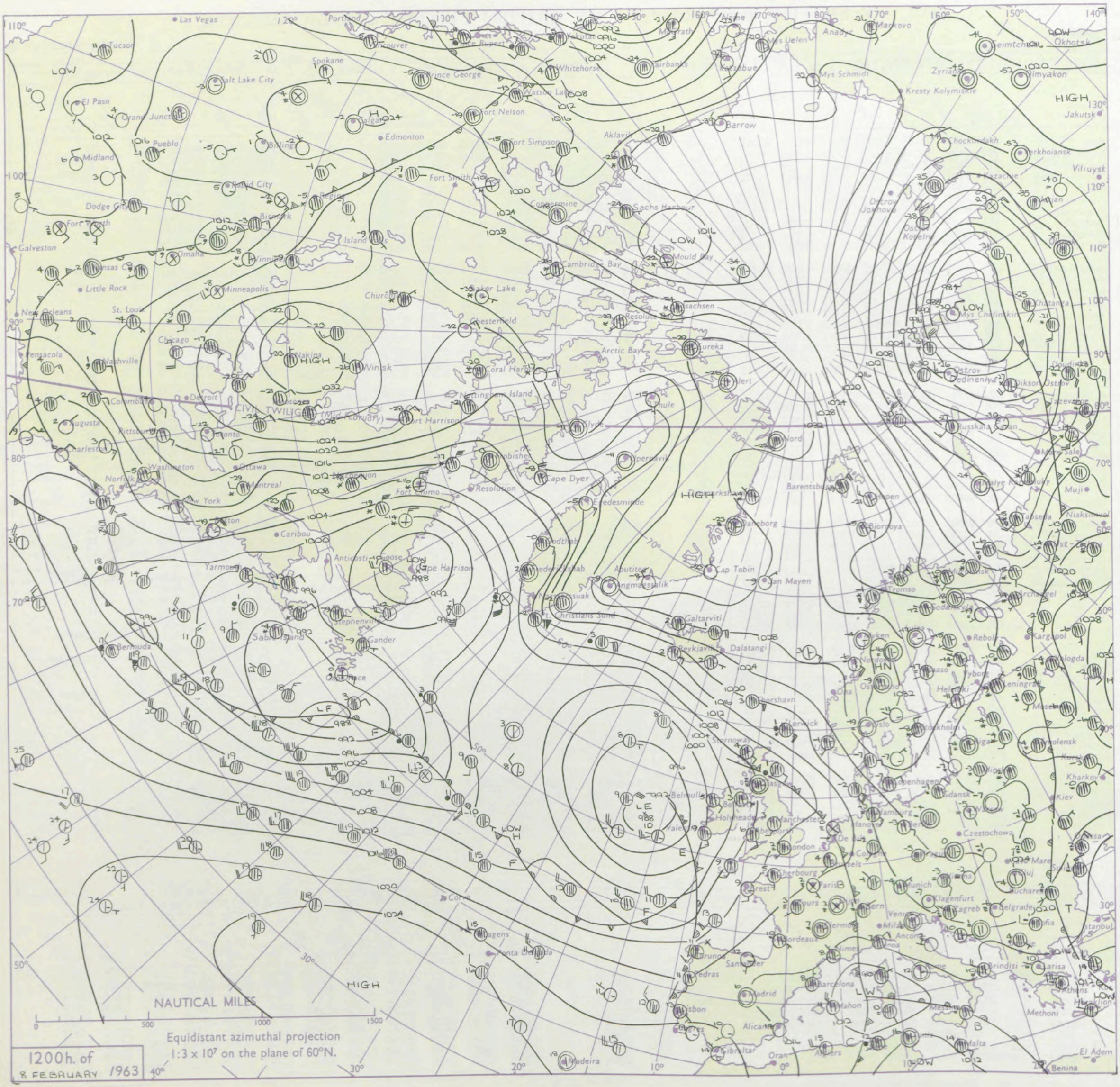
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_ss$	$8N_sC_hh_ss$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33018	40626	76022	16305	38501	00209	/////	/////	05100	10677	1////
B	60565	51018	31616	29028	00252	38500	00214	83820	/////	05854	11448	1////
C	60528	35518	71404	69021	08305	15508	00305	81625	872//	05251	12946	1////
D	60440	41018	82530	28616	02016	874//	00505	88814	/////	00014	12259	1////
I	60591	18918	41216	98011	02808	45405	21317	84615	/////	05204	11144	10837
J	60525	19718	73631	98022	97108	21532	00234	82825	85075	05402	13647	10556
K	60451	15918	72722	70258	06211	785//	61203	83825	87650	05308	12845	13353
M	63660	01918	50711	75018	28602	59460	00103	82915	85820	05855	10842	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
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n and snow
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w shower
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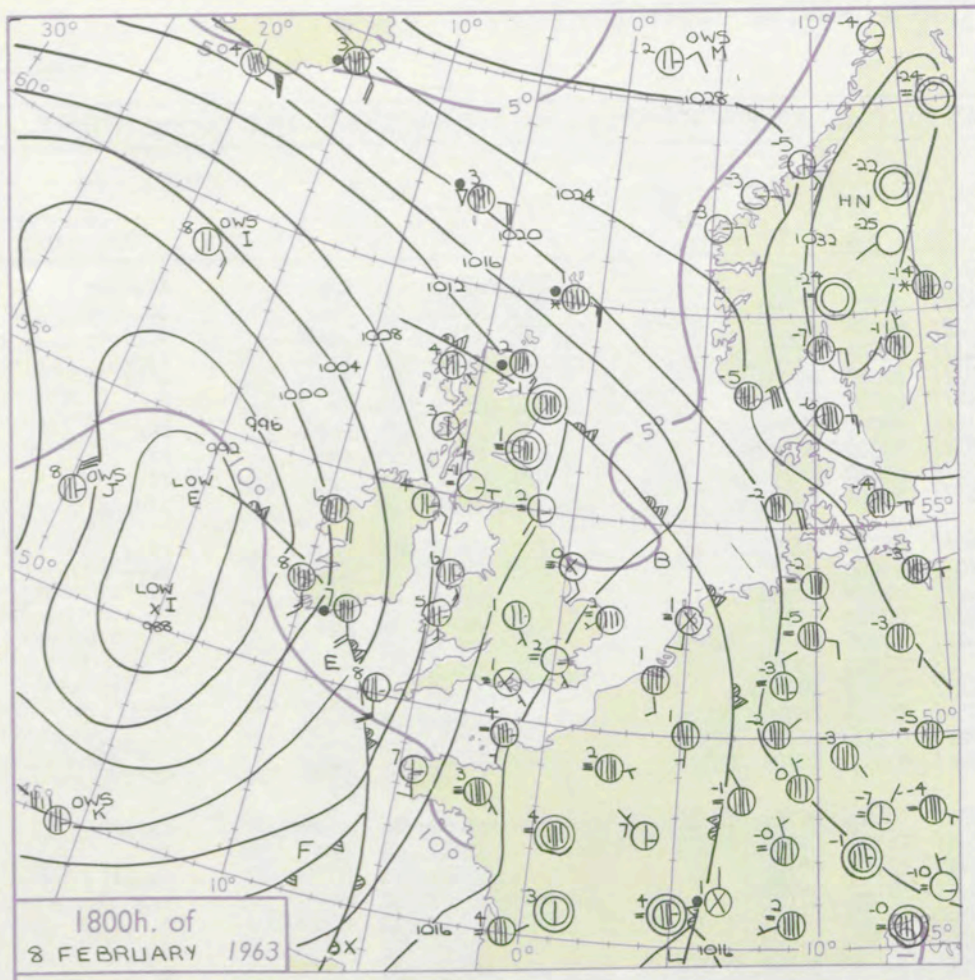
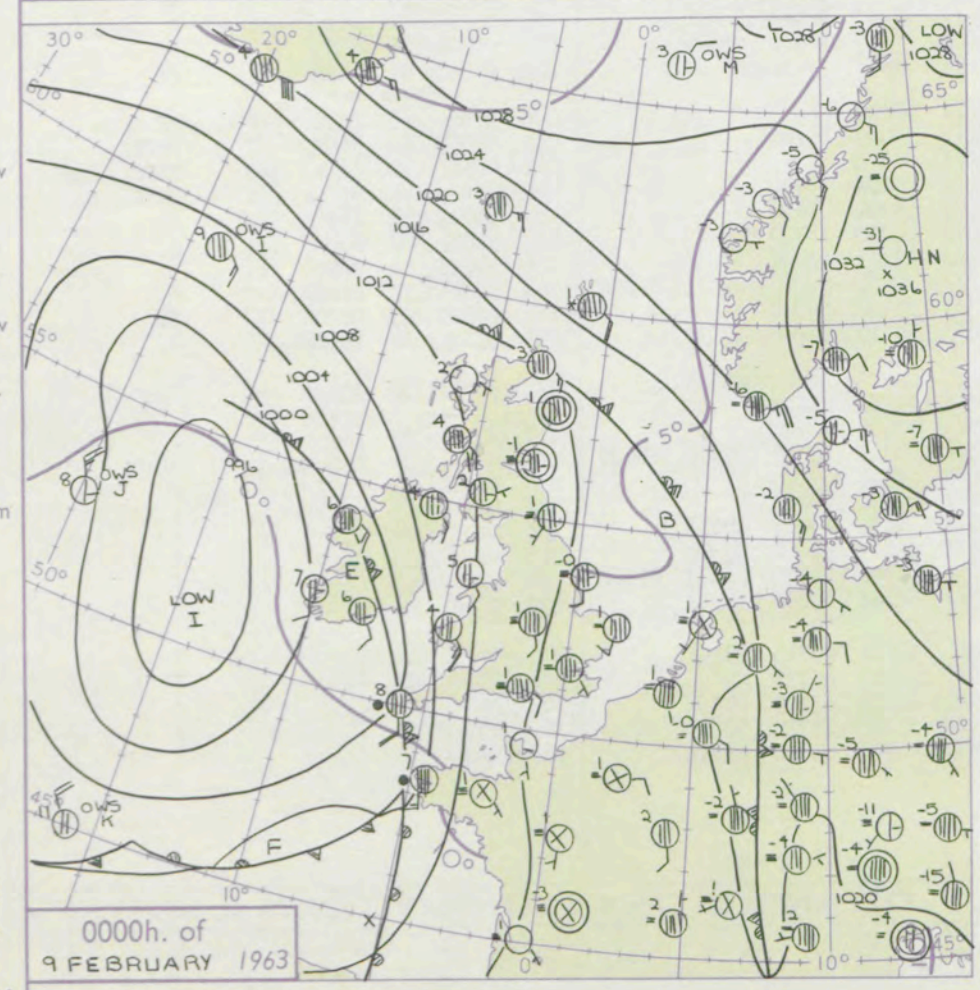
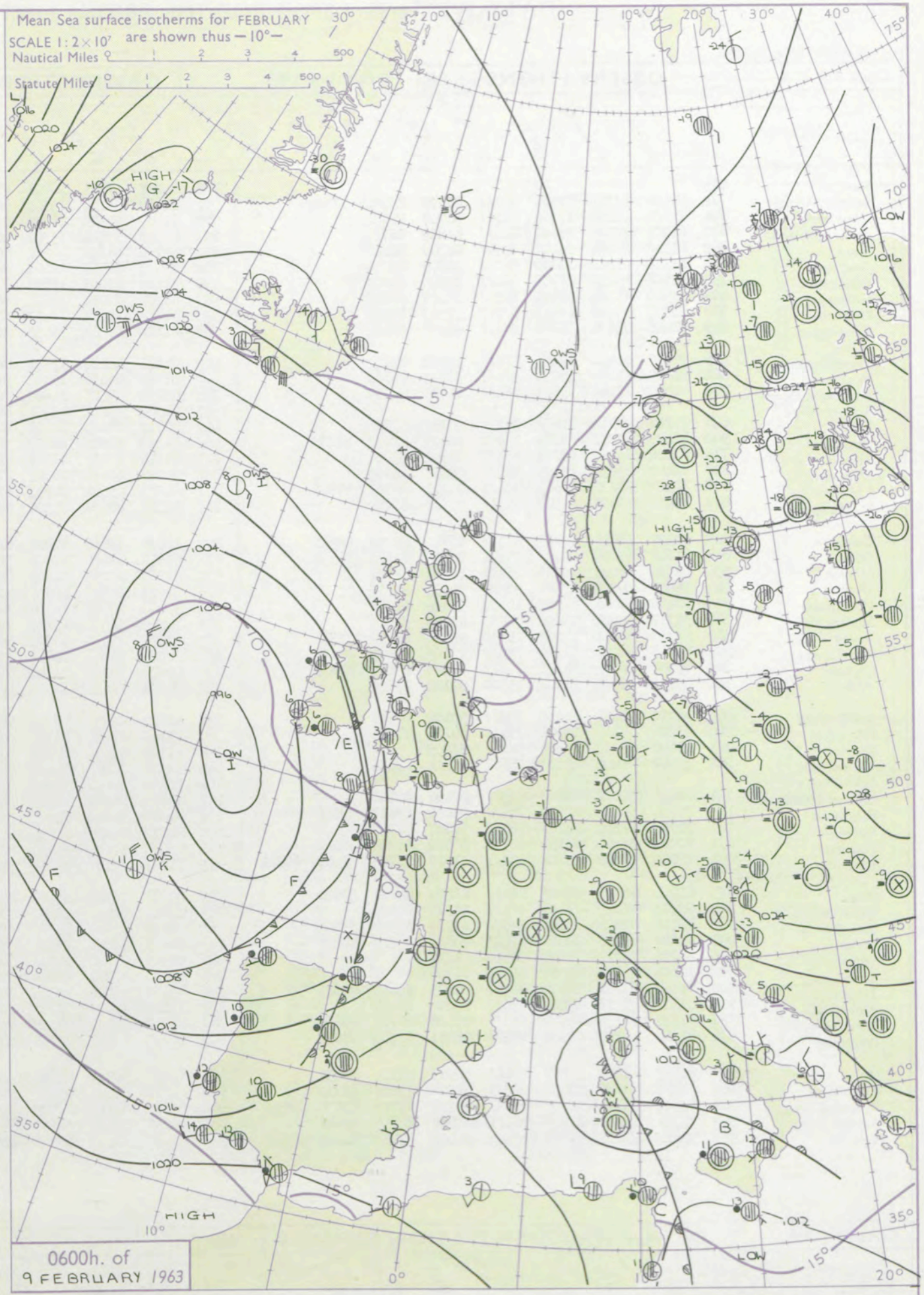
nderstorm

IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
her add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 9 February 1963

High pressure continues to dominate the Greenland-Scandinavia area, and will extend southeastwards into eastern Europe. A depression near Newfoundland this morning will deepen and move north, intensifying the warm ridge over the central Atlantic. This will veer the northwesterly jetstream on the eastern flank of the ridge, and cause the depression now centred near southwest Ireland to slip away southeast into Biscay. The British Isles will be left in a southerly airstream.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Southwest England will have rain during the afternoon and a little is likely also in Wales and Northern Ireland. This will gradually die away later, and apart from a little rain or sleet in extreme north Scotland, all other districts will be mainly dry. Eastern areas will remain dull with fog in places and slight frost again tonight. Remaining districts of Scotland and England will have periods of sunshine.

OUTLOOK for following 24 hours

Little material change.

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

Code FM 11.A

OBSERVATIONS at 00h. 9 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			02					
London Airport	772	81406	37105	17001	862//	01802	85704	88705	
Gatwick	776	81307	10105	17300	861//	00707	88702		
Thorney Island	871	81107	56104	16602	862//	02807	88704		
Hurn	862	81210	09464	15101	8092/	01709	88460		
Guernsey	894	81518	01454	13802	860//	02809	88700		
Wattisham	590	91508	F9454	17851	9/0//	51000	89/00		
Gorleston	497	81910	11104	18501	863//	01105	88708		
Mildenhall	578	91605	03434	17451	9/0//	51103	89/02		
Cardington	559	91406	03434	16800	9/0//	00001	89/01		
West Raynham	485	91415	02454	17351	9/0//	52003	89/02		
Wittering	462	91809	F7454	16950	9/0//	50103	89/00		
Boscombe Down	746	81312	17284	15501	861//	01809	88702		
Ross-on-Wye									
Bristol	628	71210	48012	15201	762//	00102	87705		
Aberporth	502	61425	62031	09304	15602	02601	81635	85075	
Rhoose (Cardiff)	715	81114	14284	13201	861//	01601	88702		
Plymouth	827	81422	23031	10305	862//	05607	88703		
Chivenor	707	71322	59031	09605	756//	04711	85708	87645	
St. Mawgan	817	71425	61021	07307	763//	05712	87707		
Culdrose	809	81520	56616	07807	5732/	07712	85708	88550	
Scilly	804	81618	61626	04008	2557/	07708	82620	88457	
Elmdon	534	81509	08464	14701	861//	00201	88701		
Shawbury	414	11409	28044	13901	00901	50400	81075		
Manchester	334	11408	40041	13904	10930	51205	81360		
Squires Gate	318	31317	20041	13202	30930	01005	83360		
Valley	302	51310	80031	10305	15730	02500	81656	85363	
Ronaldsway	204	71113	40042	11104	755//	03105	82625	87635	
Carlisle	222	70802	48026	14102	756//	01108	83630	87635	
Watnall	354	31602	19104	15801	35500	01102	83628		
Spurn Head	396	71710	08414	16350	755//	50108	87620		
Finningley	360	71206	15104	15901	756//	00106	87648		
Dishforth	261	91108	03434	15500	9/0//	51209			
Tynemouth	262	72007	08444	14801	756//	01214	87635		
Eskdalemuir									
Mull of Galloway	131	81415	32042	11803	863//	02204	88706		
Prestwick	135	70704	59212	12502	755//	01006	83627	87645	
Renfrew	141	70606	17284	14100	764//	51207	87710		
Leuchars	171	70000	02464	14151	656//	51009	83708	86640	
Dyce	091	80000	40205	14701	855//	01210	81705	84710	88624
Wick	075	81214	66026	14803	855//	01204	84620	88630	
Cape Wrath	049	60913	81022	13402	685//	01210	86625		
Sule Skerry	010	81018	81026	14503	5357/	02208	85920	88360	
Lerwick	005	81120	48717	20901	6741/	00803	86710	88458	
Stornoway	026	01006	74011	13602	00900	01110			
Benbecula	022	01110	66021	12001	00900	51108			
Tiree	100	81114	58051	11004	854//	01105	85615	88625	
Aldergrove	917	61212	48 12	09404	656//	03204	86545		
Malin Head	980	81317	56105	08305	863//	05802	86707	88650	
Belmullet	976	81016	74216	01306	864//	05001	86715	88635	
Birr	965	81219	61586	03107	874//	06503	85711	88631	
Collinstown	969	81412	66026	07406	863//	04500	83707	88710	
Rineanna	962	81307	74606	01505	7541/	05207	83717	87630	88458
Roches Point	952	71308	66216	01706	764//	05204	84719	87646	
Valentia	953	51612	75018	59607	53400	04103	81718	84923	85640

OBSERVATIONS at 06h. 9 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	81107	37515	16001	873//	00803	88706		
772	81009	35102	15900	862//	00707	88703		
776	81107	84515	16000	862//	50805	88703		
871	80910	07444	15501	861//	01604	88702		
862	81111	48106	14102	863//	02501	88706		
894	81419	01464	12202	860//	02606	88700		
590	81210	23245	17650	871//	50000	88702		
497	81709	60024	18501	863//	01500	88709		
578	81412	14284	17450	862//	50400	88703		
559	81110	07464	16450	861//	50702	88701		
485	81414	04434	17751	860//	51203	88701		
462	91510	01454	17052	9/0//	52400	89//0		
746	81214	09505	14801	860//	01607	88701		
627	80908	57021	13101	863//	00710	88708		
628	80912	48022	14101	861//	00706	83702	88704	
502	81317	62012	08203	5637/	01501	83708	88462	
715	81014	23102	11901	862//	01707	88703		
827	81220	40616	08305	873//	05708	86706	88710	
707	81323	23502	08703	872//	03506	86703	88705	
817	81328	48636	05306	872//	05709	86705	88714	
809	81618	35636	05707	6732/	06610	86708	88540	
804	81814	69026	03008	5841/	06502	81815	85622	88458
534	81210	23054	14800	862//	51701	88705		
414	81208	59505	14500	863//	51102	88708		
334	30000	26040	14550	30930	52 05	83360		
318	11419	26040	13700	00901	53305	81073		
302	71007	83031	10003	40942	01502	84362	87070	
204	70515	48042	11603	754//	01203	81611	87645	
222	40902	56031	15200	15635	51103	81635	84070	
354	91208	02434	16351	9/0//	51202			
396	91610	F4444	17051	9/0//	52206			
360	91309	01454	16951	9/0//	51207	89/00		
261	91308	01474	16750	9/0//	51204			
262	82309	10284	16401	864//	01209	88710		
162	70203	58016	16300	755//	50104	87626		
131	81616	48022	11903	864//	02210	88710		
135	81005	56042	12803	856//	01201	81630	88650	
141	80812	24106	14800	854//	50204	83710	84615	88620
171	80000	17104	15650	863//	51106	88708		
091	71701	32102	16500	756//	50110	82708	87630	
075	80000	74216	15303	855//	03105	83620	88635	
049	60905	81022	15203	685//	01201	86625		
010	81113	81022	15704	856//	03208	88720		
005	81018	66878	22301	884//	00501	83708	85815	88628
026	00906	66020	15002	00900	00306			
022	70908	62021	13002	756//	01106	87640		
100	71117	48052	12104	756//	02205	83718	87630	
917	71015	56022	09903	1563/	02201	81640	87360	
980	71217	56102	09105	5543/	04002	81715	85650	87362
976	80912	69606	03206	863//	04206	83707	88712	
965	81110	58586	03806	7742/	05501	87713	88458	
969	81317	69606	07605	864//	03103	88711		
962	80909	48615	01905	863//	05603	85709	88714	
952	81009	48626	01206	864//	05704	83710	88713	
953	61010	75028	00006	68500	04701	83824	86642	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97015	00	id_o	$id_od_od_o$
772	97005	50	id_o	$id_od_od_o$
776	97506	50	id_off	$id_od_od_o$
871	91015	00	f	fid_o
862	97015	01	$ffir_o$	+
894	00021	02	FF	FF
590	97516	51	FFd	FFd
497	00005	53	ff	ff
578	00516	51	ff	ff
559	97505	50	FFff	ffd_od_o
485	97527	51	FF	$FFid_o$
462	97526	53	FF	FFff
746	97516	50	ffif	ff
627	00006	51	+	+
628	00505	50	+	+
502	00035	02	+	+
715	00005	00	if	+
827	04051	03	+	RRrr
707	97031	02	+	$id_od_od_o$
817	09052	05	ir_orr	r_or_orr
809	11062	06	$ir_or_or_o$	r_or_orr
804	02072	//	ir	ir
534	97516	51	if	d_od_oif
414	97507	52	+	id_o
334	00515	53	+	+
318	00515	53	+	+
302	00021	00	+	+
204	00015	01	+	+
222	00506	54	+	+
354	00527	52	ifFF	FF
396	97526	//	ifFF	FF
360	97527	52	ff	FFffd
261	00517	53	ff	ffFF
262	00005	51	ff	ffFF
162	93517	52	ir_o	+
131	00031	//	/	/
135	97013	51	ir_o	+
141	94515	52	ffr_or_o	+
171	00525	53	ff	ff
091	91515	54	$id_od_od_o$	+
075	93011	50	ir_o	$ir_or_or_o$
010	92032	02	/	/
005	94016	51	$s_os_op_os_o$	$p_os_or_o$
026	00011	53	+	+
022	00535	56	+	+
100	00035	00	+	+
917	97056	00	ir_o	+
980	97041	02	/	/
976	96051	04	/	/
965	01041	04	/	/
969	91041	03	/	/
962	06041	03	/	/
952	13061	04	/	/
953	01051	03	/	/

CONVERSION TABLE °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 −1 −2 −3 −4 −5 −6 −7 −8 −9 −10 −11 −12 −13 −14 −15 −16 −17 −18 −19 −20 −21 −22 −23 −24 −25 −26 −27 −28 −29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33000	60423	74022	18205	68500	00206	/////	/////	05102	10456	1////
B	70565	51000	71423	65021	04501	724//	00219	87820	/////	05551	11459	1////
C	70528	35500	81114	69032	08905	65507	00602	8662/	882//	05350	11036	1////
D	70440	41000	82331	69216	05016	884//	00215	86815	/////	00115	12379	1////
I	70590	19000	61114	99031	07909	48502	00225	81820	84635	05205	11145	149/7
J	70523	19800	33325	98018	00608	32530	00012	83825	/////	05306	13336	10147
K	70452	16200	43121	70016	06211	28530	71703	81823	83361	05304	12945	13353
M	73660	01600	50210	80158	29403	49460	00802	81915	83825	05854	10221	10732

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33006	70424	66056	18606	79400	00105	/////	/////	00004	10477	1////
B	70565	51006	80910	37712	02901	8052/	00810	88520	/////	05500	11146	1////
C	70528	35506	40913	69021	09207	21530	00105	82825	/////	05102	11045	1////
D	70440	41006	82320	65802	07016	685//	00208	86815	/////	00015	12359	1////
I	70591	19006	21016	98011	09908	22500	00212	82822	/////	05204	11046	149/7
J	70522	19606	73327	98038	01208	785//	00801	84825	85645	05305	13446	10146
K	70448	15806	43224	70030	06511	48502	71201	83823	/////	05206	13353	12943
M	73660	01806	70514	75038	29103	79400	21502	83915	/////	05854	10032	13132

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36970

Date of Issue Sunday 10 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 9 February 1963

ERSION BLE o °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$
104	Kew	775	80908	19055	15202	863//	00808	87707	88715	
102	London Airport	772	80905	21045	15701	862//	01806	88705		
100	Gatwick	776	81007	23205	15201	862//	01709	88704		
99	Thorney Island	871	80913	23105	14302	872//	02810	87703	88705	
97	Hurn	862	81012	19284	12702	861//	02807	86702	88704	
95	Guernsey	894	61317	68014	10704	16302	02708	81706	86072	
93	Wattisham	590	91009	01475	17001	9/0//	01805	89/01		
91	Gorleston	497	81211	12102	18202	863//	01803	88706		
90	Mildenhall	578	81206	12205	16901	861//	01807	88702		
88	Cardington	559	80808	20205	16201	861//	00802	88701		
86	West Raynham	485	81215	20025	17400	862//	51802	88705		
84	Wittering	462	81309	02455	17050	860//	51803	88701		
82	Boscombe Down	746	81116	01424	14301	860//	01806	88701		
81	Ross-on-Wye	627	81007	48022	13101	863//	00802	88706		
79	Bristol	628	81012	32102	13801	863//	00801	88706		
77	Aberporth	502	71320	66022	08704	48472	01000	81818	84640	87358
75	Rhoose (Cardiff)	715	80917	23102	11801	862//	00000	88703		
73	Plymouth	827	81114	58026	07905	956//	04804	86707	88640	
72	Chivenor	707	81115	56505	08903	872//	02000	83704	88708	
70	St. Mawgan	817	81222	48636	05605	872//	05803	86704	88710	
68	Culdrose	809	81318	56636	06006	864//	05402	86704	88612	
66	Scilly	804	81616	58626	02708	7622/	07601	87705	88530	
64	Elmdon	534	91111	08434	15050	9/0//	51702	89/02		
63	Shawbury	414	81012	11285	14750	861//	51000	88702		
61	Manchester	334	40913	32040	14901	26402	52000	82710	83070	
59	Squires Gate	318	71210	19041	14302	70931	00801	87363		
57	Valley	302	71117	74022	10105	11542	01803	87075		
55	Ronaldsway	204	81128	32042	12501	862//	01006	83703	88705	
54	Carlisle	222	60805	62021	15905	10941	50804	81363	86072	
52	Watnall	354	91010	02474	16551	9/0//	51802	89/01		
50	Spurn Head	396	81715	32034	17801	865//	50202	88720		
48	Finningley	360	81211	23505	17851	861//	51001	83702	88703	
46	Dishforth	261	91508	04454	18152	9/0//	52005	89/02		
45	Tynemouth	262	91608	F3454	18001	9/0//	00107	89///		
43	Eskdalemuir	162	60908	62032	16604	10946	51001	81358	85270	
41	Mull of Galloway	131	61620	63022	12303	31508	02204	83825	86275	
39	Prestwick	135	60914	59041	14204	30941	50004	83360	85075	
37	Renfrew	141	10911	13041	15803	16200	01801	81705		
36	Leuchars	171	80406	22102	16703	863//	02002	88708		
34	Dyce	091	80000	11104	18001	862//	01003	82703	88706	
32	Wick	075	61706	58052	16605	656//	01304	83710	88635	
30	Cape Wrath	049	40902	81011	15904	455//	01204	84625		
28	Sule Skerry	010	81005	74026	15705	885//	03400	85820	88630	
27	Lerwick	005	81120	62808	20803	884//	02802	86815	88628	
25	Stornoway	026	10906	58050	15905	10930	02102	01360		
23	Benbecula	022	71010	80022	14505	756//	02105	87640		
21	Tiree	100	51018	62051	13006	10941	01203	81362	85080	
19	Aldergrove	917	71014	32042	11203	755//	01008	82620	87630	
18	Malin Head	980	71019	48102	10305	35732	02107	83650	87362	
16	Belmullet	976	80917	74216	04505	864//	04105	86711	88720	
14	Birr	965	81210	59206	05705	864//	04211	88714		
12	Collinstown	969	81319	62615	08804	864//	02106	88711		
10	Rineanna	962	71412	80026	02708	663/2	06012	81708	85713	86625
9	Roches Point	952	81212	56636	02307	874//	06106	88712		
7	Valentia	953	71110	80258	00909	735//	06107	87922		

OBSERVATIONS at 18h. 9 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$
Kew	775	80914	11054	12302	863//	01609	87706	88710	
London Airport	772	80813	13104	12502	862//	01612	88704		
Gatwick	776	80806	22105	12601	862//	01609	83703	88707	
Thorney Island	871	90813	08435	11401	9/0//	01713	89/03		
Hurn	862	80913	19505	10001	862//	01611	88703		
Guernsey	894	61014	66022	06805	3577/	02714	83650	86464	
Wattisham	590	80909	32024	14701	854//	01507	84708	88618	
Gorleston	497	80910	16102	16102	855//	01604	88624		
Mildenhall	578	81207	40054	14702	854//	01603	83708	88618	
Cardington	559	80709	21102	13801	862//	01707	88705		
West Raynham	485	80910	19105	15801	854//	01503	84705	88618	
Wittering	462	81210	09464	14901	862//	01604	88703		
Boscombe Down	746	81114	32104	11300	862//	50711	82703	88705	
Ross-on-Wye	627	80810	24022	10501	862//	00811	88705		
Bristol	628	80910	32052	11501	863//	50713	88706		
Aberporth	502	71319	59022	07002	16442	50503	81710	87360	
Rhoose (Cardiff)	715	81014	23104	09401	862//	01610	86703	88705	
Plymouth	827	71014	48022	05104	756//	03507	83710	87635	
Chivenor	707	71218	56025	06403	4543/	01706	82706	84618	87360
St. Mawgan	817	81024	58026	03004	855//	03705	84708	88625	
Culdrose	809	81320	28636	03105	854//	04708	86703	88612	
Scilly	804	81323	48636	99006	4622/	05710	84705	88525	
Elmdon	534	81108	05505	12601	870//	00607	88701		
Shawbury	414	81008	19515	12401	862//	50605	85705	88707	
Manchester	334	81011	24041	13201	863//	51706	88706		
Squires Gate	318	81017	19041	13101	755//	00002	82708	87627	
Valley	302	60812	48042	09102	10942	51705	81362	86075	
Ronaldsway	204	80925	17042	12202	862//	50500	88704		
Carlisle	222	61108	58031	15750	36441	53204	83712	84075	
Watnall	354	90809	F8454	14400	9/0//	50605	89/01		
Spurn Head	396	81410	12102	16101	862//	01604	88705		
Finningley	360	80710	07464	15601	861//	01606	88701		
Dishforth	261	80906	40105	16400	862//	50704	88605		
Tynemouth	262	81415	48054	17202	864//	01400	88710		
Eskdalemuir	162	50711	48031	16852	26101	55801	82702	85070	
Mull of Galloway	131	81620	58032	11802	35607	00706	83630	88075	
Prestwick	135	70911	62022	13002	10941	51705	81362	87075	
Renfrew	141	30911	12041	14503	15502	00501	81625	83070	
Leuchars	171	81317	48101	16901	862//	00207	86704	88707	
Dyce	091	81404	28104	18503	862//	02207	83703	85704	88705
Wick	075	71711	40052	16304	4553/	03301	81705	84620	86359
Cape Wrath	049	61802	81032	15203	655//	00401	86625		
Sule Skerry	010	71105	74012	15405	65508	02703	86620	86270	
Lerwick	005	81316	58638	20104	7552/	03601	85706	87625	88535
Stornoway	026	70905	69021	14904	756//	02703	87640		
Benbecula	022	10809	80010	13603	00901	02500	81075		
Tiree	100	61017	59052	12404	00902	00500	86075		
Aldergrove	917	81116	20042	10403	862//	01802	83704	88707	
Malin Head	980	70803	24102	10503	4573/	01304	84656	87360	
Belmullet	976	81013	69026	05805	864//	03312	87717	88625	
Birr	965	81013	62025	05604	864//	02502	85715	88630	
Collinstown	969	81313	62206	08504	865//	02101	86720	88632	
Rineanna	962	80916	62808	03605	834//	04308	83710	88917	85917
Roches Point	952	81119	56636	01406	874//	05705	88711		
Valentia	953	71010	80808	00507	735//	04301	87924		

OBSERVATIONS during DAY

iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97025	000	idoif	ff
772	97035	000	d_od_o	if
776	97026	000	d_od_off	$ffid_o$
871	97025	000	$ifid_o$	d_od_off
862	97015	///	ff	$id_od_od_o$
894	00061	007	+	+
590	97025	///	$1Fid_off$	+
497	00025	000	if	+
578	97035	001	id_o	if
559	97015	000	d_od_o	+
485	97027	000	$ffid_o$	ff
462	97015	000	$FFid_o$	FFff
746	97016	000	ffif	+
627	00016	000	+	+
628	00025	000	+	+
502	00045	005	+	+
715	00015	000	if	+
827	93061	000	r_or_o	+
707	97041	000	$d_od_oid_o$	+
817	05062	000	r_or_orr	r_or_o
809	18072	000	irrr	rr
804	12092	002	r_or_o	$rrir_o$
534	97015	000	$ffid_o$	id_off
414	97017	000	$ffid_o$	$id_od_od_o$
334	00025	034	+	+
318	00035	018	+	+
302	00081	024	+	+
204	00035	000	+	+
222	00056	077	+	+
354	00017	000	FF	FF
396	00016	000	ff	+
360	91017	000	$ffid_o$	ff
261	91017	000	$ffFFid_o$	id_o
262	00025	000	FF	+
162	00047	061	+	+
131	00041	///	/	/
135	00061	041	+	+
141	00055	032	if	+
171	00045	003	+	+
091	97035	000	+	$ifid_oid_or_o$
075	00051	015	+	+
049	00051	///	+	+
010	00050	///	/	/
005	06042	000	$pr_os_opr_o$	rrr_or_o
026	00051	024	+	+
022	00075	029	+	+
100	00065	049	+	+
917	00046	000	+	+
980	00051	003	/	/
976	9306/	000	/	/
965	9305/	000	/	/
969	0405/	000	/	/
962	0508/	012	/	/
952	0407/	000	/	/
953	0110/	028	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33012	60422	66152	21505	69400	00213	/////	/////	00003	10456	1////
B	70565	51012	81142	58617	96003	8042/	00744	88515	/////	05002	16141	1////
C	70528	35512	50916	69021	11706	15544	00112	81625	850//	05102	10646	1////
D	70440	41012	82310	69258	08215	855//	00212	88625	/////	00114	12356	1////
I	70591	19012	71020	98012	11609	32576	00209	83823	86463	05105	10946	149/7
J	70524	19512	43019	98151	01508	42500	00804	84825	/////	05303	12944	13356
K	70450	16012	83015	70038	08710	28507	71108	81826	/////	05306	13353	1////
M	73660	02012	53303	75021	28803	55500	00703	85630	/////	05855	100/0	149/2

Code FM 21.A — OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33018	30420	80022	21005	32600	00707	/////	/////	05003	10455	1////
B	70565	51018	81155	56617	88303	8042/	00744	88515	/////	05102	16157	1////
C	70528	35518	21121	69021	09706	10931	00709	81360	/////	05202	10946	1////
D	70440	41018	82316	58104	06216	77407	00708	87815	/////	00215	12356	1////
I	70591	19318	80928	98026	11508	4857/	21309	81825	84650	05105	10949	1////
J	70525	20113	63122	98031	00609	29402	71709	81918	86072	05103	13133	13454
K	70451	16218	82810	65616	04708	3757/	71811	81823	83640	05804	12652	13253
M	73659	02118	63607	75011	27502	65500	00705	86625	/////	05855	13620	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

Equidistant azimuthal projection
1:3 x 10^7 on the plane of 60°N.

1200h. of
9 FEBRUARY/1963

Explan
of sym

CLO

Symbol A

Sky

WEA

Symbol W

Mist

Fog

Drizz

Rain

Rain

Rain

Snow

Rain
sho

Snow

Hail

Thun

WI

Symbol

For each
half-feath
5 knots

CHARTS OF WEATHER IN WEST EUROPE

1800h. of 9 FEBRUARY 1963

Mean Sea surface isotherms for FEBRUARY are shown thus —10°—

SCALE 1:2×10⁷

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

0000h. of 10 FEBRUARY 1963

0600h. of 10 FEBRUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Sunday 10 February** 1963

A depression off south west England moved only very slowly eastwards with a trough of low pressure almost stationary over south west England while moving slowly north eastwards across France. Another weak trough over northern Scotland moved very slowly north and weakened further. The depression near Scilly will move rather slowly eastwards across northern France with east to southeast winds persisting over much of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Cold and cloudy in most districts with widespread frost persisting for much of the time in many parts of England and Wales. Slight drizzle, sleet or snow in eastern districts, but moderate sleet or snow in southern counties, especially near the south coast.

OUTLOOK for following 48 hours

Probably little general change.

Code FM 11.A

OBSERVATIONS at 00h. Sunday 10 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			01					
London Airport	772	80919	56022	10401	864//	50612	88710		
Gatwick	776	81014	37102	09901	862//	50717	83705	88709	
Thorney Island	871	80818	17104	08801	861//	00712	88702		
Hurn	862	80712	22105	08100	864//	50709	88710		
Guernsey	894	81116	40056	05202	862//	01603	85705	88708	
Wattisham	590	80817	40022	12200	863//	51718	88708		
Gorleston	497	80816	58052	14001	855//	51715	88625		
Mildenhall	578	81211	37032	12201	864//	51715	88710		
Cardington	559	80912	50052	11701	863//	51708	88709		
West Raynham	485	80914	35014	13000	863//	50817	88707		
Wittering	462	80809	12284	12701	862//	00814	88704		
Boscombe Down	746	81217	23102	09250	863//	51609	88708		
Ross-on-Wye	627								
Bristol	628	81015	32052	08801	863//	01615	88706		
Aberporth	502	81213	40052	05602	3567/	51713	81712	83640	87360
Rhoose (Cardiff)	715	80916	28102	07001	863//	00813	88709		
Plymouth	827	81018	48636	03204	855//	02709	84710	88620	
Chivenor	707	81122	48022	04802	873//	00710	87709	88712	
St. Mawgan	817	81126	32636	00703	873//	03713	85707	88710	
Culdrose	809	81220	40606	01404	854//	50708	84704	88610	
Scilly	804	81321	56216	97506	863//	05708	88709		
Elmdon	534	80915	56045	10301	864//	50714	88710		
Shawbury	414	80912	32045	10202	854//	50812	88614		
Manchester	334	81011	56042	11702	854//	51710	83615	88623	
Squires Gate	318	81121	30042	11802	854//	00705	88618		
Valley	302	30715	66011	08101	00902	51809	83075		
Ronaldsway	204	80929	48042	11302	863//	01707	88708		
Carlisle	222	80908	56032	15401	863//	50803	88708		
Watnall	354	81011	28034	12600	863//	00611	88708		
Spurn Head	396	81414	16022	14501	864//	00713	88710		
Finningley	360	80912	32104	14001	855//	00812	83709	88626	
Dishforth	261	81008	32055	14401	862//	50711	86704	88610	
Tynemouth	262	81118	61022	15703	8092/	01710	88458		
Eskdalemuir	162								
Mull of Galloway	131	81620	60022	10802	864//	01712	88710		
Prestwick	135	30705	62011	13400	25401	51101	82618	83075	
Renfrew	141	70914	62011	15202	754//	50202	87613		
Leuchars	171	81312	66022	16403	854//	00708	84616	88629	
Dyce	091	70000	40046	18502	756//	50804	87630		
Wick	075	71717	61205	17204	755//	02002	84710	87620	
Cape Wrath	049	62302	66012	14404	00940	51705	86360		
Sule Skerry	010	71709	81022	14505	755//	03702	87620		
Lerwick	005	81616	58818	19803	823//	03602	86710	88815	
Stornoway	026	50000	58051	14251	5093/	51706	85365		
Benbecula	022	11306	80030	13003	10930	50806	81360		
Tiree	100	41225	56051	12803	00901	51802	84080		
Aldergrove	917	81018	28042	10302	864//	00501	88710		
Malin Head	980	81222	48102	10503	864//	00802	88712		
Belmullet	976	81107	69022	06104	864//	03303	88713		
Birr	965	71017	61032	05103	585/6	00606	84822	85633	
Collinstown	969	50909	59102	07902	36402	01702	81711	83635	85070
Rineanna	962	80917	66216	02904	874//	02706	81712	86717	88645
Roches Point	952	81025	50636	00504	873//	04707	88709		
Valentia	953	71011	75808	99905	734//	02701	82716	87923	

OBSERVATIONS at 06h. Sunday 10 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	80816	40055	06401	863//	52719	88708		
London Airport	772	80611	50032	06501	863//	51621	82709	88711	
Gatwick	776	80713	40102	05701	854//	51823	84615	88621	
Thorney Island	871	80811	37102	04701	854//	50718	83706	88612	
Hurn	862	80711	48012	04302	864//	51717	86711	88713	
Guernsey	894	81114	19687	01901	871//	51619	88702		
Wattisham	590	80713	28052	08652	862//	53823	88704		
Gorleston	497	80912	56052	10851	855//	52720	88620		
Mildenhall	578	80812	40032	08951	864//	53724	88710		
Cardington	559	80513	50022	08051	862//	52720	88706		
West Raynham	485	80818	32022	09652	863//	53721	88708		
Wittering	462	80915	48022	09652	863//	54818	88709		
Boscombe Down	746	81014	19052	05300	864//	51726	88710		
Ross-on-Wye	627	80914	48022	05301	863//	52712	88708		
Bristol	628	80915	32052	05601	854//	52714	83706	88613	
Aberporth	502	81118	32052	03301	864//	51813	88711		
Rhoose (Cardiff)	715	80916	28205	04600	864//	50613	88710		
Plymouth	827	80915	50516	00102	873//	02714	88707		
Chivenor	707	81015	37205	01701	872//	00616	83705	86707	88709
St. Mawgan	817	81128	28516	98303	873//	01716	84706	88708	
Culdrose	809	81221	50206	98604	854//	03717	88616		
Scilly	804	81220	48216	94707	7622/	06820	87705	88465	
Elmdon	534	80715	60022	07550	864//	52715	85710	88712	
Shawbury	414	80917	32042	07850	863//	51713	88709		
Manchester	334	80920	59022	08850	864//	53715	88710		
Squires Gate	318	81125	56042	09101	855//	52815	88620		
Valley	302	60817	66031	05201	35602	53714	83640	85075	
Ronaldsway	204	80934	61022	08602	855//	53713	82712	88621	
Carlisle	222	70815	58016	12902	756//	53818	86630	86650	
Watnall	354	80818	48025	09752	864//	53718	88710		
Spurn Head	396	81415	32022	11650	864//	51715	88715		
Finningley	360	80815	48565	11551	863//	52717	88708		
Dishforth	261	80913	48505	11900	864//	52714	88713		
Tynemouth	262	80920	61022	13401	8092/	51710	88458		
Eskdalemuir	162	80815	56027	12900	864//	53605	88712		
Mull of Galloway	131	81118	60022	09902	865//	52713	83720	88630	
Prestwick	135	70810	62031	11002	756//	52711	87630		
Renfrew	141	80711	74022	12602	855//	51712	88629		
Leuchars	171	81112	66502	14503	854//	51708	84618	88625	
Dyce	091	81109	56055	16702	855//	51710	88625		
Wick	075	71711	62606	15603	755//	01708	87625		
Cape Wrath	049	70909	81032	13202	35640	52540	52504	83630	87360
Sule Skerry	010	71613	74022	13805	6657/	03708	86725	87460	
Lerwick	005	81515	59026	18903	825//	00702	88825		
Stornoway	026	70000	61022	13201	7093/	01804	87360		
Benbecula	022	11609	80020	12601	15600	51701	81630		
Tiree	100	51122	62011	11503	38531	51810	81820	83650	
Aldergrove	917	71017	66022	09102	755//	52605	87628		
Malin Head	980	81116	66026	09103	854//	00812	82715	88635	
Belmullet	976	50816	69012	05302	554//	00001	82717	85650	
Birr	965	80814	58102	03302	854//	00713	83713	88634	
Collinstown	969	80917	59102	05902	864//	51609	88715		
Rineanna	962	80723	58205	01403	864//	01606	85715	88640	
Roches Point	952	81025	48616	99103	873//	03709	88707		
Valentia	953	80919	74038	97705	864//	00609	85717	88635	

OBSERVATIONS during NIGHT

Station	iii	RRT T_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97015	00	id_o	id_o
London Airport	772	97005	00	+	ir_os_o
Gatwick	776	97006	50	+	id_o
Thorney Island	871	97505	50	+	id_o
Hurn	862	00505	50	id_oif	+
Guernsey	894	05006	00	$ir_oir_os_o$	$r_os_os_os_o$
Wattisham	590	97525	52	+	is_o
Gorleston	497	00523	53	+	+
Mildenhall	578	97525	52	+	is_o
Cardington	559	97515	51	+	is_o
West Raynham	485	00536	53	+	+
Wittering	462	00525	53	if	+
Boscombe Down	746	00516	51	+	+
Ross-on-Wye	627	00516	51	+	+
Bristol	628	00505	50	+	+
Aberporth	502	00505	50	+	+
Rhoose (Cardiff)	715	94005	00	+	$is_os_os_o$
Plymouth	827	03021	01	rrr_or_o	d_od_o
Chivenor	707	97011	01	d_od_o	d_od_o
St. Mawgan	817	06022	02	rrd_od_o	$d_or_or_or_o$
Culdrose	809	07032	02	rrr_or_o	$r_or_odr_or_o$
Scilly	804	07022	//	d_or_o	ir
Elmdon	534	97525	53	+	is_o
Shawbury	414	00527	52	+	+
Manchester	334	97515	51	+	is_o
Squires Gate	318	00005	51	+	+
Valley	302	00001	51	+	+
Ronaldsway	204	00015	01	+	+
Carlisle	222	97006	51	ir_o	+
Watnall	354	97537	53	id_o	id_o
Spurn Head	396	00515	//	+	+
Finningley	360	97517	51	+	id_ois_o
Dishforth	261	97507	51	+	$id_od_odr_o$
Tynemouth	262	00015	00	+	+
Eskdalemuir	162	97527	52	is_o	is_o
Mull of Galloway	131	00021	//	/	/
Prestwick	135	00513	55	+	+
Renfrew	141	00003	51	+	+
Leuchars	171	97025	01	+	id_or_o
Dyce	091	97015	50	id_o	d_od_o
Wick	075	91031	02	id_o	ir_o
Cape Wrath	049	00001	51	+	+
Sule Skerry	010	97031	03	/	/
Lerwick	005	05022	01	$r_os_oph_or_or_or_o$	$r_or_opr_opb_or_o$
Stornoway	026	00521	53	+	+
Benbecula	022	00515	57	+	+
Tiree	100	00025	51	+	+
Aldergrove	917	00015	51	+	+
Malin Head	980	97021	00	/	/
Belmullet	976	00021	01	/	/
Birr	965	00011	01	/	/
Collinstown	969	00011	50	/	/
Rineanna	962	94021	02	/	/
Roches Point	952	18031	03	/	/
Valentia	953	01031	03	/	/

CONV TA °C

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33000	50414	80022	19505	58500	00710	/////	/////	05103	10444	1////
B	10565	51000	81168	09616	79703	8043/	00705	88510	/////	00002	16159	1////
C	10528	35500	81122	69022	02607	6562/	00841	86635	88459	00105	11047	1////
D	10440	41000	82930	69808	11211	824//	/////	88815	/////	05307	12856	1////
I	10591	19000	80928	98022	12408	6842/	21011	82818	85640	05105	10949	1////
J	10525	19900	63022	97808	00607	68400	00701	86824	/////	05506	13035	13344
K	10453	16400	73308	65036	04909	5563/	71204	85650	86361	05506	13353	12652
M	13660	02000	73103	75152	25902	79400	00711	81815	87630	06055	10070	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33006	50316	76022	15605	58500	00719	/////	/////	05703	10445	1////
B	10565	51006	51629	63017	86951	55600	00222	85635	/////	05856	16255	11735
C	10528	35506	81130	59612	99607	8052/	00730	86525	/////	00105	11147	1////
D	10440	41006	53226	69808	16008	52400	00225	85815	/////	05605	13056	1////
I	10591	18606	70818	98258	10908	785//	21711	82820	87645	05206	10948	1////
J	10524	19806	73020	98258	97508	6946/	00512	86918	/////	05307	13034	13354
K	10451	16106	73314	70252	05310	785//	81202	82823	87631	05406	13353	12652
M	13661	01806	20000	75021	23102	25500	00620	82630	/////	05956	10070	13631

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36971 — Date of Issue Monday 11 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 10 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	80916	09515	03601	873//	51712	87706	88708	
London Airport	772	80814	14517	03901	872//	51712	83704	88706	
Gatwick	776	80912	15705	03100	872//	51714	88704		
Thorney Island	871	80809	09737	02201	862//	00711	88705		
Hurn	862	80811	09717	02201	872//	50707	85705	88708	
Guernsey	894	81415	15216	00302	860//	02807	84701	88702	
Wattisham	590	80810	13567	05751	862//	52718	88704		
Gorleston	497	80814	16777	07851	8052/	53709	88520		
Mildenhall	578	80809	26227	06051	863//	53717	86708	88712	
Cardington	559	80414	21227	05251	873//	53816	88707		
West Raynham	485	80918	20022	07252	862//	53710	88704		
Wittering	462	80815	17777	06852	862//	53716	87705	88710	
Boscombe Down	746	81013	07737	02350	862//	50712	88704		
Ross-on-Wye	627	80510	08267	93651	863//	55714	88708		
Bristol	628	80512	13737	04451	873//	51807	88708		
Aberporth	502	80712	50022	02850	856//	53802	85715	88630	
Rhoose (Cardiff)	715	80722	04757	03051	861//	51706	88702		
Plymouth	827	80718	28045	98102	855//	01713	84706	88620	
Chivenor	707	80916	48717	99802	3732/	51710	83708	88550	
St. Mawgan	817	81021	56216	96903	855//	01706	83708	84625	88635
Culdrose	809	81217	60216	97904	854//	03102	85707	88612	
Scilly	804	71213	61216	94109	784//	07005	82705	83812	85617
Elmdon	534	80512	19777	05252	872//	53707	85705	88712	
Shawbury	414	80914	32565	06452	863//	53708	86706	88709	
Manchester	334	70915	37042	06901	6644/	53810	86715		
Squires Gate	318	80922	40602	07701	854//	52808	86614	88628	
Valley	302	80720	59022	04201	855//	53301	82710	85627	88635
Ronaldsway	204	70931	57042	07002	754//	52802	82712	87618	
Carlisle	222	80914	48227	10601	854//	52711	86712	88618	
Watnall	354	80912	21777	07252	872//	53712	88705		
Spurn Head	396	81016	20052	08551	864//	52710	88710		
Finningley	360	80911	20777	08651	863//	52710	87706	88709	
Dishforth	261	80808	23777	09550	863//	50713	83708	88711	
Tynemouth	262	80922	48878	11401	873//	51714	86706	88710	
Eskdalemuir	162	80508	48717	11751	873//	51814	88708		
Mull of Galloway	131	81120	66022	09502	864//	01400	88710		
Prestwick	135	70710	64022	10202	754//	52703	82616	87622	
Renfrew	141	80714	32505	11702	854//	51706	83714	85618	88628
Leuchars	171	80914	40777	13001	862//	50808	85705	88708	
Dyce	091	81307	37687	15301	855//	51709	87715	88622	
Wick	075	81517	61516	15302	2542/	50805	82615	88459	
Cape Wrath	049	81409	66022	13302	855//	51402	88625		
Sule Skerry	010	81618	66018	12804	885//	01708	85820	88625	
Lerwick	005	61715	66028	17903	4847/	50804	82816	83635	86459
Stornoway	026	81005	74022	13504	856//	01801	88640		
Benbecula	022	80606	74031	12404	885//	02801	81824	88645	
Tiree	100	51013	62031	11504	58500	51400	81825	85635	
Aldergrove	917	70921	48777	08101	755//	52802	84715	87625	
Malin Head	980	71029	69012	08504	785//	52804	83820	87632	
Belmullet	976	80818	64102	05703	7647/	00104	85715	87632	88458
Birr	965	80616	59102	03502	864//	51002	88714		
Collinstown	969	80814	56602	05801	864//	52202	83712	88718	
Rineanna	962	80814	66206	02603	874//	01108	84710	88717	
Roches Point	952	80925	58216	99703	874//	01502	88710		
Valentia	953	70313	69026	00404	6641/	00317	86718	87460	

OBSERVATIONS at 18h. 10 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	80815	19027	01501	873//	51705	87706	88708	
London Airport	772	80711	08717	01501	872//	50704	88704		
Gatwick	776	80707	07447	01400	862//	50704	88703		
Thorney Island	871	80611	03467	00601	862//	00703	88703		
Hurn	862	80507	08687	00001	872//	01701	88703		
Guernsey	894	81209	40106	98304	761//	03503	88702		
Wattisham	590	80708	17055	03551	861//	52706	88702		
Gorleston	497	80912	18107	05051	863//	51607	88707		
Mildenhall	578	80807	19057	04051	873//	52606	85707	88710	
Cardington	559	80311	05737	03151	872//	52605	88705		
West Raynham	485	80811	17105	04752	862//	54706	86704	88708	
Wittering	462	80815	15107	04552	862//	53807	88705		
Boscombe Down	746	80914	11107	01150	862//	51605	88705		
Ross-on-Wye	627	80709	24027	01952	863//	53603	88706		
Bristol	628	80312	28107	01951	862//	52704	84705	88707	
Aberporth	502	80712	40717	01551	856//	53301	87709	88630	
Rhoose (Cardiff)	715	80722	25367	00451	863//	52604	83706	88708	
Plymouth	827	80712	23507	96802	854//	01500	84708	88616	
Chivenor	707	80811	23717	98601	6732/	51502	86708	88520	
St. Mawgan	817	51014	40502	96202	55600	01604	83705	85635	
Culdrose	809	80919	09526	96004	853//	03703	86702	88608	
Scilly	804	80919	48606	93805	854//	05104	86705	88612	
Elmdon	534	80610	08707	03553	871//	53700	85702	88706	
Shawbury	414	80714	19245	04052	863//	53603	85706	88709	
Manchester	334	80808	17702	05051	854//	53606	88618		
Squires Gate	318	80918	37227	05500	854//	52502	83710	87614	
Valley	302	80913	58022	03100	3567/	52702	83645	88460	
Ronaldsway	204	80823	59047	05502	854//	52301	85618	87622	
Carlisle	222	80714	32227	08701	855//	52604	86712	88625	
Watnall	354	80714	28027	05153	674//	54705	86710	88712	
Spurn Head	396	80915	16052	05251	864//	53714	88710		
Finningley	360	80909	24227	06451	854//	53605	85709	88614	
Dishforth	261	80612	37207	07200	864//	53604	88710		
Tynemouth	262	80920	61278	08601	864//	51607	88714		
Eskdalemuir	162	80515	48707	09350	874//	51707	88712		
Mull of Galloway	131	81123	60022	06202	864//	00712	88715		
Prestwick	135	70209	62032	08301	754//	52707	81615	84624	86630
Renfrew	141	80510	30045	09501	854//	51708	84618	87630	
Leuchars	171	80715	58227	10602	855//	00710	81708	88620	
Dyce	091	80804	40777	13401	854//	51607	85705	88615	
Wick	075	81412	62022	13103	5547/	52607	85618	88360	
Cape Wrath	049	81409	81022	12201	6858/	51704	82825	84630	86360
Sule Skerry	010	71609	81802	12903	755//	01705	87625		
Lerwick	005	71309	82021	15802	784//	51708	86815		
Stornoway	026	21107	66021	12201	15540	51703	81622		
Benbecula	022	70406	74022	11001	756//	51703	87640		
Tiree	100	81009	66032	10503	855//	53400	82622	88635	
Aldergrove	917	80714	58047	07301	854//	52000	81612	87622	
Malin Head	980	80825	66022	08403	885//	52501	84822	88638	
Belmullet	976	80609	62102	06502	864//	51206	86716	88632	
Birr	965	80706	59102	03901	864//	52008	88714		
Collinstown	969	80819	40106	01401	864//	53504	83713	87716	88719
Rineanna	962	80510	48105	03302	864//	51209	85714	88620	
Roches Point	952	80513	48237	01201	873//	51210	88708		
Valentia	953	70515	69606	02403	764//	00304	88718		

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	01017	000	$id_od_od_offss$	+
London Airport	772	02017	000	$ir_os_od_od_ois_o$	sss_os_o
Gatwick	776	01006	000	$d_od_os_os_o$	d_od_off
Thorney Island	871	02025	000	$ifid_or_os_oss$	$ir_offid_od_od_o$
Hurn	862	03025	///	$r_os_osss_os_o$	$ir_or_os_oir$
Guernsey	894	01051	000	ir_oFFir	ir_o
Wattisham	590	92516	///	$s_os_oid_o$	s_os_o
Gorleston	497	91005	000	$s_os_oid_o$	+
Mildenhall	578	97515	000	$s_os_oid_od_od_o$	$d_od_ois_o$
Cardington	559	02517	000	$s_os_oid_o$	d_od_oSSff
West Raynham	485	97526	000	+	d_od_o
Wittering	462	92526	000	id_ois_o	isif
Boscombe Down	746	02007	000	id_ois_offss	is_off
Ross-on-Wye	627	04517	000	$pr_os_os_off$	is
Bristol	628	03017	000	$id_ossifs_os_o$	is_o
Aberporth	502	97015	000	+	s_os_o
Rhoose (Cardiff)	715	03017	000	$s_os_osssksff$	$s_os_ois_oks$
Plymouth	827	91031	001	$id_oir_os_o$	id_oir_o
Chivenor	707	91025	000	$ir_os_os_o$	s_os_o
St. Mawgan	817	97031	000	ir_oid_o	$id_od_os_o$
Culdrose	809	01052	000	$r_or_od_or_o$	$is_od_od_o$
Scilly	804	14092	003	irrr	rr
Elmdon	534	95527	000	is_oks	$is_okss_os_o$
Shawbury	414	92507	000	id_o	id_o
Manchester	334	97016	001	is_o	$ps_os_os_o$
Squires Gate	318	97015	000	ir_ois_o	is_o
Valley	302	00011	000	+	+
Ronaldsway	204	97025	000	is_o	+
Carlisle	222	97026	000	$id_od_oh_o$	is_o
Watnall	354	97527	000	id_ois_o	is_o
Spurn Head	396	00005	000	+	+
Finningley	360	91507	000	is_o	is_o
Dishforth	261	91017	000	id_ois_o	is_oid
Tynemouth	262	92015	000	ph_o	ps_o
Eskdalemuir	162	91507	000	$is_os_os_o$	is_o
Mull of Galloway	131	00031	///	/	/
Prestwick	135	00023	005	+	+
Renfrew	141	97023	000	id_o	id_ois_o
Leuchars	171	96025	000	$ir_or_os_ois_o$	$ir_or_os_ois_o$
Dyce	091	96025	000	rss_os_o	s_os_o
Wick	075	92031	000	d_od_o	ir_o
Cape Wrath	049	00031	///	+	+
Sule Skerry	010	97051	///	/	/
Lerwick	005	91032	007	ph_or_o	+
Stornoway	026	00051	020	+	+
Benbecula	022	00045	013	+	+
Tiree	100	00055	008	+	+
Aldergrove	917	97025	000	is_o	+
Malin Head	980	00441	000	/	/
Belmullet	976	00031	000	/	/
Birr	965	00021	000	/	/
Collinstown	969	97021	000	/	/
Rineanna	962	97041	003	/	/
Roches Point	952	02031	000	/	/
Valentia	953	97041	000	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_a app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33012	80415	66606	10705	5742/	00717	/////	/////	05104	10444	1////
B	10565	51012	82028	61717	92153	825//	00236	88820	/////	06255	16752	1////
C	10528	35512	82728	65606	03304	5542/	00236	85615	88456	05503	12726	1////
D	10440	41012	32718	69028	22207	31400	00125	83815	/////	05752	13056	1////
I	10590	18212	71016	98032	11908	5254/	21308	85825	87458	05306	10945	1////
J	10522	19712	50610	98258	01409	49460	00216	83918	/////	05207	10631	13054
K	10452	16012	53018	80251	07910	49501	00220	81920	83726	05404	13253	1////
M	13660	01812	71507	75852	20703	79400	31611	82915	85630	05655	100/0	13331

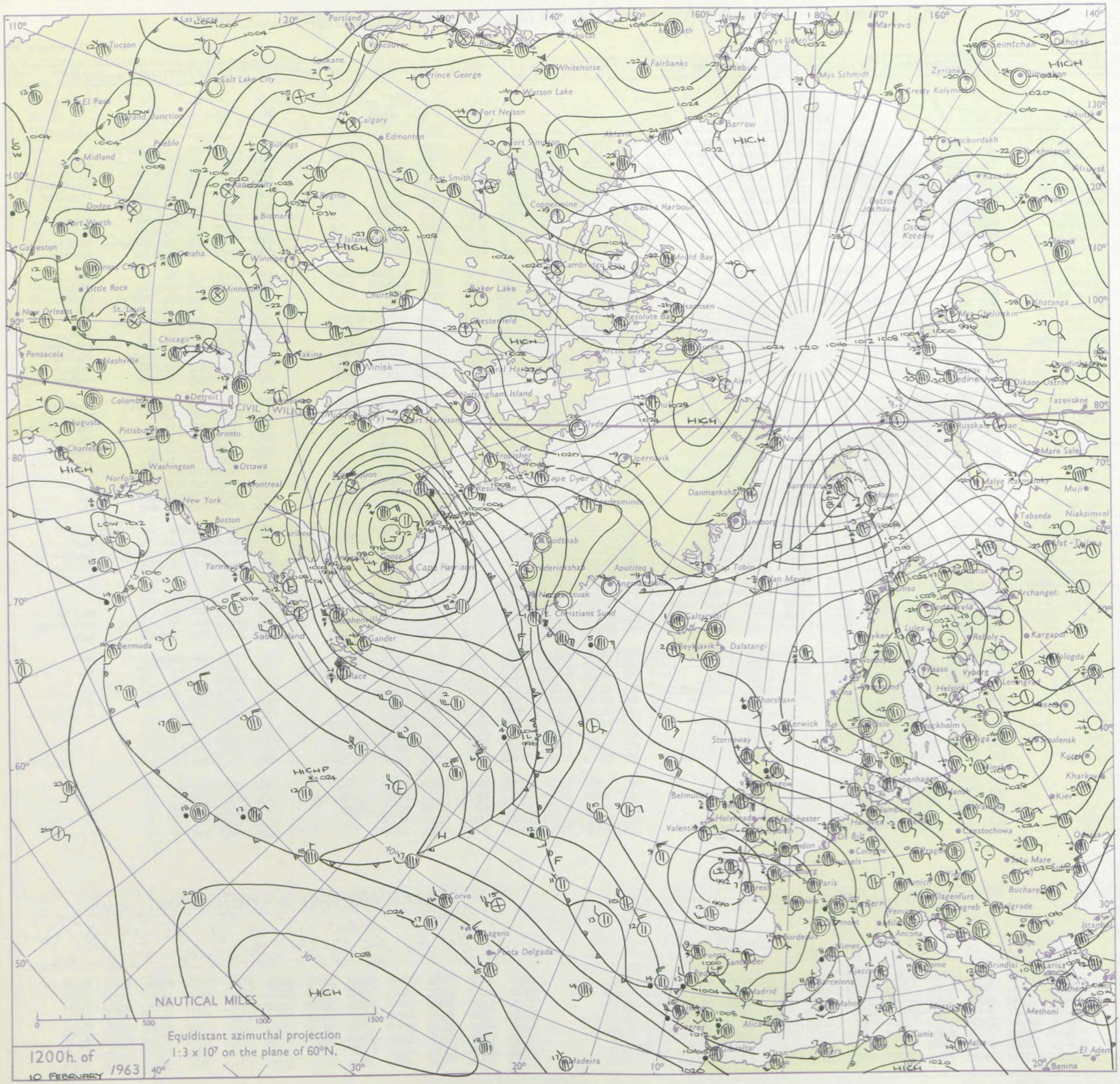
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_a app	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33018	70510	80026	06806	78500	00722	/////	/////	05104	10734	1////
B	10565	51018	51825	65027	97552	52500	00314	85820	/////	06057	11759	1////
C	10528	35518	32731	69026	07604	31500	00312	83820	/////	05652	12748	1////
D	10440	41018	72918	69021	23309	62402	00303	83815	/////	05503	12856	1////
I	10585	17118	71310	98031	10308	7853/	32201	82825	87650	05204	11233	149/4
J	10523	19718	21113	98020	03809	13503	00201	81925	/////	05107	11032	10445
K	10451	16018	53021	80031	08510	41502	00204	84826	/////	05403	13143	10252
M	13659	02118	81713	75858	16002	694//	00721	86915	/////	05800	11720	13331

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Portland
Tucson
Vancouver
Spokane
Salt Lake City
Prince George
El Paso
Grand Junction
Whitehorse
Watson Lake
Fairbanks
Fort Nelson
Calgary
Edmonton
Pueblo
Billings
Midland
Fort Smith
Regina
Dodge City
Bismarck
Fort Worth
Island Falls
Winnipeg
Galveston
Omaha
Kansas City
Little Rock
Minneapolis
Churchill
Baker Lake
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St. Louis
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Yakima
Winisk
Detroit
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Augusta
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Toronto
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Washington
Ottawa
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New York
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Caribou
Yarmouth
Sable Island
Bermuda
Stephenville
Gander
Race
Goose
Cape Harrison
Resolution
Fort Chimo
Nottingham Island
Fort Harrison
Frobisher
Cape Dyer
Kuujjuaq
Frederickshab
Godthab
Nanortalik
Angmagssalik
Aputiteq
Cape Tobin
Jan Mayen
Reykjavik
Galtarvri
Dalatangi
Thorshavn
Stornoway
Belmullet
Valentia
Holyhead
Manchester
Kerwick
Glasgow
Copenhagen
Hamburg
Hanover
De Bilt
Cologne
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Malta
Ancona
Brindisi
Methoni
Benina
Istanbul
Athens
Crestochowa
Kharkov
Kiev
Smolensk
Archangel
Kargapol
Vologda
Leningrad
Vyborg
Helsinki
Reboly
Lulea
Kemi
Oslo
Stockholm
Riga
Vaasa
Narvik
Tromso
Bodo
Trondheim
Kuujjuaq
Coppermine
Sachs Harbour
Mould Bay
Cambridge Bay
Resolute Bay
Isachsen
Arctic Bay
Eureka
Alert
Hall Beach
Chesterfield
Barrow
Aklavik
Fort Simpson
Mys Uelen
Anadyr
Markovo
Mys Schmidt
Zyrianka
Seimtchan
Okhotsk
Dimitrov
Yakutsk
Verkhoyansk
Kresty Kolymskoe
Chokurdakh
Ostrov Kotelny
Ostrov Jokhova
Khatanga
Mys Chelyuskin
Dikson Ostrov
Tazevskoe
Russkaya Gavan
Mare Sale
Malye Karmakuly
Muji
Tabseda
Niaksimvol
Ust - Tsilma
Dudinka
Ostrov Vize
Ostrov Uedeneyev
Ostrov Nordvik
Ostrov Belkovskiy
Ostrov Kotelny
Ostrov Jokhova
Ostrov Kotelny

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
y obscured

ATHER
Weather

zzle
and
rizzle
and snow
w
shower
and snow
ower
w shower
shower
nderstorm

IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
her add
48–52

Mean Sea surface isotherms for FEBRUARY are shown thus —10°—
SCALE 1:2×10⁷
Nautical Miles 0 1 2 3 4 500
Statute Miles 0 1 2 3 4 500

1800h. of 10 FEBRUARY 1963

0000h. of 11 FEBRUARY 1963

0600h. of 11 FEBRUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 11 February 1963

A depression off southwest England moved very slowly southeastwards across Bissay. An associated occlusion moved slowly northwards over southern counties of England, and then slowly south again as it weakened. The depression over Biscay will move to France and easterly winds will persist over most parts of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Dull and cold with persistent frost in many areas and slight to moderate frost occurring widely at night. Much hill fog and some coast fog in the south and southeast. A little snow or freezing drizzle in many places, but chiefly in eastern and southern districts.

OUTLOOK for following 24 hours

Probably little change.

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

Code FM 11.A

OBSERVATIONS at 00h. 11 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775								
London Airport	772	90510	02707	01500	9/0//	50804	89/02		
Gatwick	776	90505	04434	01400	9/0//	00400	89/02		
Thorney Island	871	80309	11105	00601	872//	01301	88704		
Hurn	862	80409	09687	00201	861//	01303	88702		
Guernsey	894	81311	48106	98004	861//	03400	5702	88703	
Wattisham	590	80507	08467	03051	861//	51703	88702		
Gorleston	497	80810	22717	04550	863//	51305	88709		
Mildenhall	578	80605	17227	03451	873//	52504	88706		
Cardington	559	80209	28227	03351	872//	52202	88705		
West Raynham	485	80309	14717	04052	872//	53603	88704		
Wittering	462	80612	09467	04352	862//	53501	88703		
Boscombe Down	746	80816	11287	01050	862//	51501	88703		
Ross-on-Wye									
Bristol	628	80209	28567	02351	863//	52203	88706		
Aberporth	502	80810	40057	02351	854//	53304	88615		
Rhoose (Cardiff)	715	80518	20707	01451	862//	52205	88705		
Plymouth	827	80708	37102	98002	873//	01208	88706		
Chivenor	707	81010	40027	99301	854//	51103	86614	88630	
St. Mawgan	817	80814	48207	97802	872//	01113	86703	88704	
Culdrose	809	81713	32205	97003	871//	01208	88702		
Scilly	804	80515	48505	96405	854//	04212	85706	88613	
Elmdon	534	80410	19227	03352	873//	54302	85707	88709	
Shawbury	414	80809	23045	04352	864//	53400	88711		
Manchester	334	80914	32717	04951	854//	52602	88615		
Squires Gate	318	80810	48047	05400	854//	52702	88617		
Valley	302	80716	56022	04550	854//	54210	88619		
Ronaldsway	204	80917	59042	05801	854//	52301	88619		
Carlisle	222	80508	58777	07701	855//	51708	83717	88628	
Watnall	354	80812	28702	04753	873//	54701	88708		
Spurn Head	396	80910	48022	04751	864//	52705	88710		
Finningley	360	80903	32027	05451	854//	53503	88617		
Dishforth	261	80508	40205	06350	864//	52504	82710	88717	
Tynemouth	262	80817	61278	07401	864//	53704	88714		
Eskdalemuir									
Mull of Galloway	131	80918	63022	06601	864//	51206	88715		
Prestwick	135	80711	74022	08301	854//	51400	82618	88627	
Renfrew	141	80608	56507	09301	855//	51701	83713	88620	
Leuchars	171	80712	66687	09202	855//	52711	88623		
Dyce	091	80802	56057	11701	855//	52708	88625		
Wick	075	81211	69606	11903	854//	53610	88615		
Cape Wrath	049	80000	60052	12001	864//	53702	88715		
Sule Skerry	010	81602	81028	12003	855//	00702	88625		
Lerwick	005	81205	80858	14001	884//	50709	84815	88630	
Stornoway	026	71205	74021	11503	785//	52703	81825	87636	
Benbecula	022	61102	74012	10600	656//	51602	86637		
Tiree	100	80505	66012	10102	855//	52603	81625	88635	
Aldergrove	917	80612	58022	07501	856//	51300	88630		
Malin Head	980	80622	66022	08103	856//	52703	88630		
Belmullet	976	80708	69022	07602	855//	51508	88620		
Birr	965	80408	58102	05301	864//	52306	88716		
Collinstown	969	80717	58227	04802	864//	53304	88714		
Rineanna	962	80309	48606	05101	873//	51207	82708	87714	88719
Roches Point	952	80113	56102	03201	864//	52210	88717		
Valentia	953	50407	69012	04602	52500	53108	85823		

OBSERVATIONS at 06h. 11 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80411	11707	01400	873//	50601	88708		
London Airport	772	80310	07777	01500	871//	50400	88702		
Gatwick	776	80407	09417	00800	870//	00703	88701		
Thorney Island	871	80308	14102	00001	855//	01001	86706	88621	
Hurn	862	80311	19687	99901	861//	00300	88702		
Guernsey	894	70000	72216	97903	7547/	02602	85708	86618	
Wattisham	590	80210	09467	02251	861//	51501	88702		
Gorleston	497	80610	22057	02800	863//	51603	88709		
Mildenhall	578	80304	11717	02951	873//	52400	88707		
Cardington	559	80109	14102	02751	863//	52500	88706		
West Raynham	485	80309	20027	03151	863//	52603	88706		
Wittering	462	80308	17107	03752	862//	53802	88705		
Boscombe Down	746	80508	09447	01151	862//	52400	88704		
Ross-on-Wye	627	80207	24022	02852	863//	53603	88706		
Bristol	628	80210	20367	02652	863//	53302	88706		
Aberporth	502	70607	40055	02451	756//	53204	82710	87640	
Rhoose (Cardiff)	715	80413	23367	02552	872//	52301	82705	88711	
Plymouth	827	70208	28682	99402	755//	01212	81707	87620	
Chivenor	707	70611	32052	00700	757//	53305	83710	87656	
St. Mawgan	817	80507	40036	99901	855//	00211	87709	88620	
Culdrose	809	80708	17102	99303	872//	02211	88704		
Scilly	804	80308	32505	99505	862//	04213	88704		
Elmdon	534	80407	19567	03052	872//	53000	85704	88707	
Shawbury	414	80405	28042	04252	864//	53101	88711		
Manchester	334	80705	37047	04150	854//	52505	88615		
Squires Gate	318	80607	58042	04801	855//	52702	88620		
Valley	302	60412	56012	03851	35572	53501	83620	86075	
Ronaldsway	204	80711	59042	05202	855//	53504	88624		
Carlisle	222	80303	56027	06500	855//	52706	85626	88631	
Watnall	354	80000	19207	04052	863//	53701	88706		
Spurn Head	396	80606	32022	03550	864//	51709	88710		
Finningley	360	80207	23562	04250	863//	52707	83709	88713	
Dishforth	261	80206	48055	04850	854//	53606	82715	88618	
Tynemouth	262	80515	61878	05402	8092/	51707	88525		
Eskdalemuir	162	80207	70022	07151	874//	54710	88716		
Mull of Galloway	131	80610	66022	07501	864//	00209	88715		
Prestwick	135	80106	64026	07201	855//	51608	83620	88626	
Renfrew	141	80606	62237	08001	854//	52705	84618	86626	
Leuchars	171	80208	74027	07201	855//	51711	83625	88640	
Dyce	091	83605	59027	09400	854//	51712	83615	85625	88630
Wick	075	80911	66606	10402	854//	53607	83615	88620	
Cape Wrath	049	80902	74022	10101	864//	52712	88715		
Sule Skerry	010	81602	81028	09603	855//	02715	88625		
Lerwick	005	81507	80858	11801	884//	52710	83812	88620	
Stornoway	026	81206	62022	10103	856//	52605	88636		
Benbecula	022	71002	74012	09601	756//	52602	87640		
Tiree	100	80607	69022	09102	855//	54604	81625	88633	
Aldergrove	917	80506	62022	07201	855//	53400	88626		
Malin Head	980	80915	66022	07803	855//	53702	88625		
Belmullet	976	80903	62102	07002	864//	51803	85715	88635	
Birr	965	80106	58102	05501	864//	51203	88716		
Collinstown	969	80510	66022	04902	855//	53202	88621		
Rineanna	962	80106	48105	05401	856//	51104	88619		
Roches Point	952	80108	48102	04201	862//	52305	88717		
Valentia	953	80708	66022	04802	824//	51001	85716	88823	

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91007	50	is_0if	ifs_0s_0
London Airport	772	97007	50	$ffis_0$	is_0ssff
Gatwick	776	94006	50	ffr_0s_0if	r_0s_0ff
Thorney Island	871	97005	01	$d_0d_0r_0r_0if$	is_0
Hurn	862	03005	50	$ir_0rrd_0r_0r_0s_0$	$rrr_0r_0r_0s_0is_0$
Guernsey	894	01021	02	ir_0	$ir_0r_0r_0d_0r_0$
Wattisham	590	91517	51	is_0if	ff
Gorleston	497	92516	52	$is_0s_0s_0$	$s_0s_0d_0s_0$
Mildenhall	578	94516	51	$is_0s_0s_0$	s_0s_0
Cardington	559	97517	52	$d_0d_0s_0s_0$	s_0s_0
West Raynham	485	97526	54	id_0is_0	+
Wittering	462	95536	54	s_0s_0isif	is_0
Boscombe Down	746	97517	52	ifff	$ffis_0$
Ross-on-Wye	627	00527	52	+	+
Bristol	628	01537	53	$is_0id_0s_0ss$	+
Aberporth	502	97525	54	id_0	+
Rhoose (Cardiff)	715	02527	52	is_0sssks_0	$sssks_0$
Plymouth	827	01011	51	d_0d_0	ir_0s_0
Chivenor	707	00505	52	+	+
St. Mawgan	817	97501	51	id_0ir_0	ir_0s_0
Culdrose	809	97022	02	id_0	+
Scilly	804	01042	//	id_0	id_0dd
Elmdon	534	97537	53	s_0s_0ks	is_0
Shawbury	414	97537	52	id_0	id_0
Manchester	334	91526	52	$s_0s_0is_0$	is_0
Squires Gate	318	97005	51	+	is_0
Valley	302	00513	52	+	+
Ronaldsway	204	00015	00	+	+
Carlisle	222	97506	51	is_0	is_0
Watnall	354	91537	51	is_0	is_0id_0
Spurn Head	396	00510		+	+
Finningley	360	97516	52	is_0	d_0d_0
Dishforth	261	97517	51	d_0d_0	id_0
Tynemouth	262	97015	00	ps_0	ps_0
Eskdalemuir	162	97517	52	+	is_0
Mull of Galloway	131	00011	//	/	/
Prestwick	135	97003	52	ir_0	is
Renfrew	141	97013	00	$id_0d_0d_0$	id_0ids
Leuchars	171	97015	00	$is_0r_0s_0$	ph_0
Dyce	091	01005	51	$ir_0s_0is_0$	is_0
Wick	075	97011	00	ir_0	ir_0is_0
Cape Wrath	049	00511	52	+	+
Sule Skerry	010	93011	01	/	/
Lerwick	005	97005	52	$ph_0s_0ph_0$	ph_0s_0
Stornoway	026	00021	52	+	+
Benbecula	022	00505	54	+	+
Tiree	100	00015	51	+	+
Aldergrove	917	00005	51	+	+
Malin Head	980	00021	02	/	/
Belmullet	976	00011	00	/	/
Birr	965	00001	00	/	/
Collinstown	969	97011	01	/	/
Rineanna	962	97011	00	/	/
Roches Point	952	00021	00	/	/
Valentia	953	97011	51	/	/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33000	70615	74152	04106	794//	00717	/////	/////	00104	10733	1////
B	20565	51000	61815	61857	01552	72400	00212	86820	/////	06158	11847	1////
C	20528	35500	22518	69020	09204	22530	00202	82825	/////	05401	12747	1////
D	20440	41000	82918	69602	25309	6557/	00105	86620	/////	05504	12845	1////
I	20587	17800	71705	97022	08708	757//	63701	87656	/////	05203	11623	10934
J	20524	19800	41120	98030	04209	35640	81508	83640	/////	05207	11033	10744
K	20451	15700	62813	75032	09111	55730	00703	85650	83359	05204	13043	10252
M	23660	01900	42214	80018	11604	48400	00725	83820	/////	05752	12221	13331

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33006	80620	66606	00206	5742/	00722	/////	/////	05203	10659	1////
B	20565	51006	51814	65028	01652	52500	00303	86825	/////	06058	11846	1////
C	20528	35506	22517	69018	08903	22560	00303	82825	/////	05750	12547	1////
D	20440	41006	32708	69026	25010	32400	00603	83815	/////	05407	12844	1////
I	20588	19006	21515	98021	06008	28500	61717	81825	/////	05305	11522	11145
J	20524	19806	71220	98158	01609	785//	00711	83820	87640	05107	11133	10744
K	20450	16206	81315	60616	02010	872//	61741	85706	88636	05509	100/0	12943
M	23660	02006	82428	60216	05704	4742/	41632	84710	88560	05502	1/435	1////

CONVERSION TABLE °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36972 — Date of Issue Tuesday 12 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 11 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80509	12052	02701	863//	51306	88707		
London Airport	772	80207	15042	02501	862//	51203	84705	88707	
Gatwick	776	80304	08444	02101	862//	50206	88705		
Thorney Island	871	80307	08467	02002	855//	01210	86704	88620	
Hurn	862	80109	16057	01701	863//	51208	87707	88710	
Guernsey	894	70906	74026	99704	755//	01211	81708	85710	87620
Wattisham	590	80208	10284	02751	862//	51303	88703		
Gorleston	497	80210	19687	02800	863//	51802	88709		
Mildenhall	578	80204	11057	03351	862//	51302	88705		
Cardington	559	80107	19245	03551	863//	52204	88707		
West Raynham	485	80207	29032	03251	862//	53400	86705	88708	
Wittering	462	80306	26022	04051	863//	53001	88707		
Boscombe Down	746	80211	12227	03050	862//	51307	88705		
Ross-on-Wye	627	80205	24022	03951	863//	52106	88706		
Bristol	628	70308	19052	03951	763//	52003	87707		
Aberporth	502	30707	28051	03900	36400	53205	83712		
Rhoose (Cardiff)	715	80611	23103	03651	863//	51107	88708		
Plymouth	827	70207	40237	01603	6541/	01108	82710	86616	87458
Chivenor	707	30405	29051	03102	28401	52309	81812		
St. Mawgan	817	50306	39027	02403	556//	01109	81630	85656	
Culdrose	809	70506	40052	02304	755//	02210	87625		
Scilly	804	80709	32025	02104	854//	03210	86705	88615	
Elmdon	534	80304	20045	03651	864//	53205	88710		
Shawbury	414	83503	16045	04351	864//	52800	88710		
Manchester	334	80405	24777	04400	854//	52400	85712	88615	
Squires Gate	318	80801	17687	04901	5742/	50801	85710	88516	
Valley	302	60508	32205	05101	663//	53303	83707	86712	
Ronaldsway	204	80411	74027	05402	855//	51500	81713	83620	88630
Carlisle	222	80201	58777	06201	856//	52803	87718	88635	
Watnall	354	80402	30717	04100	873//	50001	83708	88712	
Spurn Head	396	80604	16022	03500	864//	52400	88710		
Finningley	360	83606	16567	04300	864//	51200	88711		
Dishforth	261	83307	18227	04800	874//	51001	88710		
Tynemouth	262	80510	58268	05002	5742/	51400	85714	88525	
Eskdalemuir	162	80305	58777	06700	874//	52000	88714		
Mull of Galloway	131	80514	70022	06701	6742/	52704	86715	88530	
Prestwick	135	83405	40777	06901	854//	51703	81614	85628	88640
Renfrew	141	70508	56042	07203	754//	52604	82615	83622	87635
Leuchars	171	80208	64268	06501	884//	50704	81707	83818	88635
Dyce	091	80206	37707	08201	856//	50707	82708	85715	88630
Wick	075	80711	74027	09202	854//	52709	84618	88625	
Cape Wrath	049	71402	81012	09702	45540	52704	84625	83360	
Sule Skerry	010	51602	82012	09903	536//	01701	85930		
Lerwick	005	71202	74858	10701	784//	54707	81812	87630	
Stornoway	026	71105	74022	09903	785//	50702	81825	87645	
Benbecula	022	81106	80022	09503	856//	52101	88640		
Tiree	100	80000	80022	08902	855//	53601	81628	88633	
Aldergrove	917	80406	66022	07001	855//	00602	81620	88635	
Malin Head	980	80512	80027	07902	856//	54001	88630		
Belmullet	976	81109	64706	07402	865//	53102	87720	88640	
Birr	965	80203	56687	06300	874//	51004	88714		
Collinstown	969	80605	56777	05702	864//	51104	83716	88622	
Rineanna	962	80408	48105	06002	865//	00102	84720	88640	
Roches Point	952	80106	40102	04702	864//	51801	88715		
Valentia	953	80706	62052	05702	855//	52102	82720	88630	

OBSERVATIONS at 18h. 11 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80307	17057	03201	863//	51111	88707		
London Airport	772	80107	20042	02901	863//	51208	83706	88708	
Gatwick	776	80205	07464	02501	862//	50210	82703	88704	
Thorney Island	871	80209	09446	02301	862//	50310	88705		
Hurn	862	80109	14057	02201	874//	51206	88711		
Guernsey	894	70606	70022	01304	6563/	01213	83708	86630	
Wattisham	590	83605	20102	02851	863//	52106	86706	88708	
Gorleston	497	80205	24057	01700	863//	51506	88708		
Mildenhall	578	80102	26052	03250	855//	52303	83715	88628	
Cardington	559	83602	17102	03650	862//	52307	84704	88708	
West Raynham	485	83404	22037	02951	854//	53302	85705	88612	
Wittering	462	83606	17042	03550	855//	52400	85710	88620	
Boscombe Down	746	80206	17052	03651	863//	52305	88706		
Ross-on-Wye	627	83202	17102	03951	862//	52206	88705		
Bristol	628	80306	19042	04250	855//	53303	84710	88620	
Aberporth	502	70703	28021	04200	756//	52304	83712	87640	
Rhoose (Cardiff)	715	70807	16051	04151	754//	53307	82615	87630	
Plymouth	827	70109	14047	02403	754//	51108	81615	87656	
Chivenor	707	10302	28050	03300	00901	52208	81080		
St. Mawgan	817	70207	37051	02802	756//	50208	87645		
Culdrose	809	60205	19052	02803	3553/	01200	83625	84358	
Scilly	804	80506	48022	02605	6542/	03302	86614	88458	
Elmdon	534	80202	17042	03350	864//	52501	88711		
Shawbury	414	83502	19047	04150	855//	50301	85712	88625	
Manchester	334	82703	10227	04000	855//	51400	86712	88625	
Squires Gate	318	83506	10207	04401	854//	51003	81710	86615	88628
Valley	302	73030	48041	04601	756//	51302	82715	87630	
Ronaldsway	204	73609	66022	05101	784//	52304	81715	87635	
Carlisle	222	80000	56777	05901	885//	51102	82712	86625	87645
Watnall	354	80000	17227	03650	873//	51501	86707	88710	
Spurn Head	396	80000	10515	02700	863//	51400	88706		
Finningley	360	83504	12515	03700	863//	51301	88706		
Dishforth	261	83408	14227	03900	873//	51000	88708		
Tynemouth	262	83505	24055	04502	874//	01304	88710		
Eskdalemuir	162	80202	62227	06200	874//	52302	88715		
Mull of Galloway	131	80214	63022	05601	874//	52400	88715		
Prestwick	135	80205	40047	06202	855//	51302	84622	88635	
Renfrew	141	70309	28042	06303	754//	52304	81618	87640	
Leuchars	171	80109	62268	05901	885//	51304	85820	85630	
Dyce	091	83604	40268	07500	884//	50003	82709	84815	88630
Wick	075	80606	80268	08701	3843/	51201	82818	83630	
Cape Wrath	049	70902	81032	09502	755//	52204	87625		
Sule Skerry	010	50902	84022	08303	3365/	52701	83920	85360	
Lerwick	005	60000	74038	09251	4563/	53801	84630	85359	
Stornoway	026	10000	59040	09251	11500	53302	81827		
Benbecula	022	70101	82022	08702	756//	52103	87640		
Tiree	100	80000	82032	08302	856//	53305	88635		
Aldergrove	917	83605	66022	06301	855//	51400	83625	88635	
Malin Head	980	80912	82022	07503	856//	53403	88636		
Belmullet	976	70702	74027	07401	755//	52303	53720	87635	
Birr	965	80103	59606	06300	864//	00208	88716		
Collinstown	969	80000	62777	05602	864//	51307	81712	88625	
Rineanna	962	80208	56022	06101	864//	51207	82711	88719	
Roches Point	952	80208	40205	05002	864//	51205	88711		
Valentia	953	81003	62205	05702	855//	51205	83720	88630	

OBSERVATIONS during DAY

Station	iii	RRT$_x$T$_x$E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97016	000	if	$ffis_o$
London Airport	772	00015	000	+	+
Gatwick	776	97016	000	ff	ff
Thorney Island	871	97035	000	$ffir_o$	ff
Hurn	862	92015	///	$is_or_os_or_or_o$	ir_o
Guernsey	894	92061	001	d_or_o	+
Wattisham	590	00506	///	ff	+
Gorleston	497	91016	000	d_os_o	+
Mildenhall	578	00006	000	+	+
Cardington	559	97507	000	id_o	+
West Raynham	485	97516	000	is_o	+
Wittering	462	97506	000	+	id_o
Boscombe Down	746	97006	000	$ffis_o$	+
Ross-on-Wye	627	00007	000	+	+
Bristol	628	00007	000	+	+
Aberporth	502	00015	018	+	+
Rhoose (Cardiff)	715	00017	000	+	+
Plymouth	827	97041	000	$is_oir_os_o$	+
Chivenor	707	00051	055	+	+
St. Mawgan	817	97041	040	r_os_o	+
Culdrose	809	00051	008	+	+
Scilly	804	00051	000	+	+
Elmdon	534	97506	000	id_o	id_o
Shawbury	414	97007	000	id_ois_o	is_o
Manchester	334	97015	000	is_oid_o	s_os_o
Squires Gate	318	93010	000	$s_os_od_os_o$	$d_os_os_os_oid_o$
Valley	302	97031	022	id_o	+
Ronaldsway	204	97025	000	is_o	+
Carlisle	222	97025	000	is_o	is_o
Watnall	354	97017	000	s_os_o	$d_od_os_os_o$
Spurn Head	396	97015	000	+	d_od_off
Finningley	360	91006	000	isd_od_off	d_od_off
Dishforth	261	01017	000	$id_od_os_os_os_o$	$s_os_od_od_oifr_or_o$
Tynemouth	262	93025	000	ps_oid_o	+
Eskdalemuir	162	97017	000	is_o	is_o
Mull of Galloway	131	00021	///	/	/
Prestwick	135	97023	000	is	is
Renfrew	141	00031	000	+	+
Leuchars	171	01025	000	ph_ops	pr_os_o
Dyce	091	01025	000	$s_os_oir_os_ops$	ps_ops
Wick	075	92031	000	is_ops_o	ps_o
Cape Wrath	049	00041	///	+	+
Sule Skerry	010	00050	///	/	/
Lerwick	005	97025	000	ps_o	+
Stornoway	026	00051	038	+	+
Benbecula	022	00035	000	+	+
Tiree	100	00035	000	+	+
Aldergrove	917	00025	000	+	+
Malin Head	980	97031	000	/	/
Belmullet	976	97021	000	/	/
Birr	965	97011	000	/	/
Collinstown	969	91021	000	/	/
Rineanna	962	97021	000	/	/
Roches Point	952	97021	000	/	/
Valentia	953	97021	000	/	/

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

O.W.S.	$YQL_aL_aL_a$	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33012	80616	70026	98106	854//	00610	/////	/////	00004	10744	1////
B	20565	51012	81810	63858	02451	52507	00302	85825	882//	05957	1////	1////
C	20528	35512	22518	69020	10703	21500	00010	82825	/////	05800	1254/	1////
D	20440	41012	52709	69021	24313	32401	00807	83815	/////	05104	12844	1////
I	20589	19112	71515	98021	05408	785//	00301	83828	86656	05202	11534	14915
J	20525	19912	81510	98022	02809	3567/	00210	83635	85360	05105	11531	10943
K	20449	16212	53140	75038	05311	58441	71231	82820	83650	05306	13047	12332
M	23659	01812	62917	70161	05703	59460	00608	82915	83820	05800	12832	14912

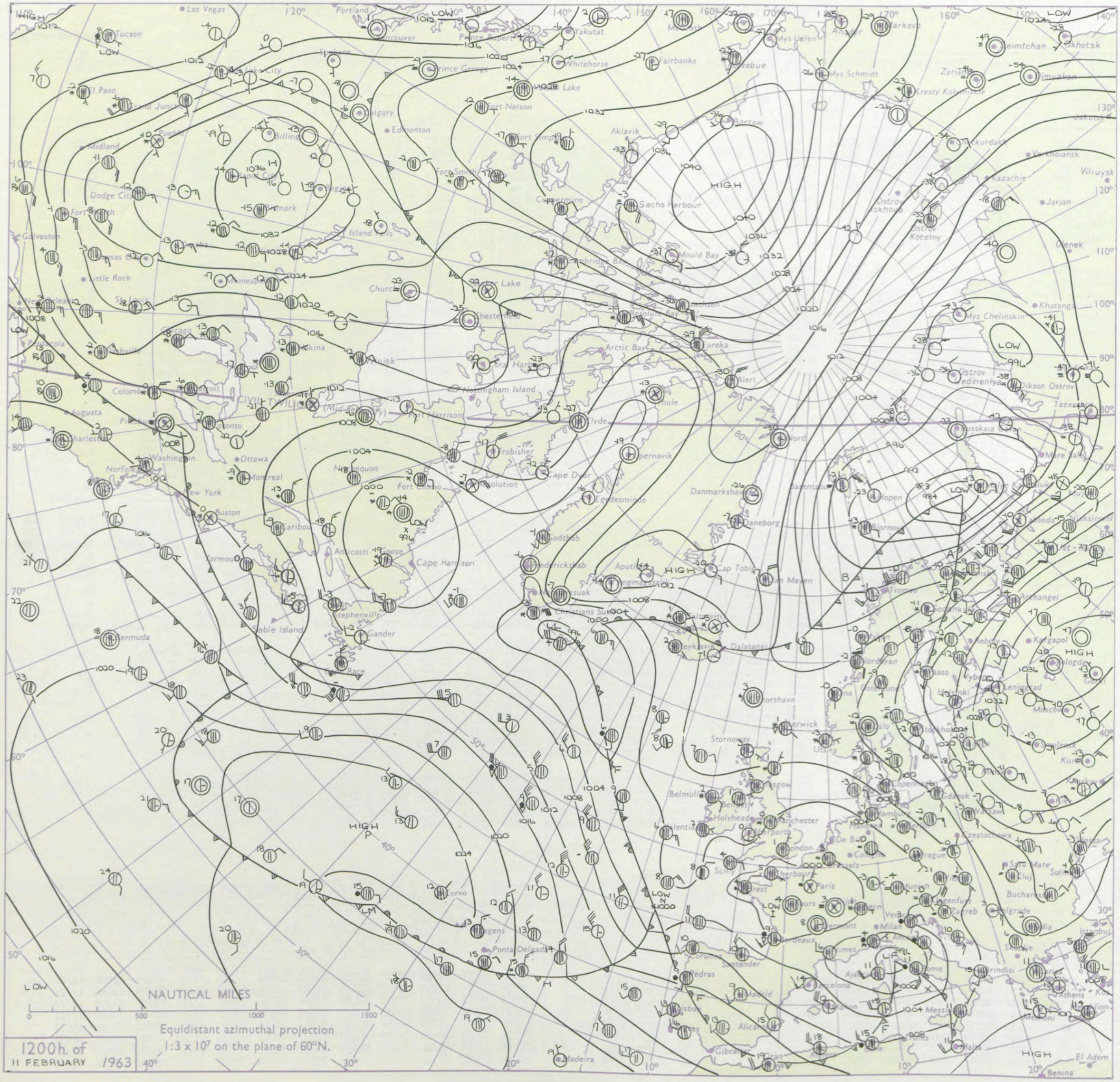
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	L_oL_oGG	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33018	80624	70606	94006	4742/	00731	/////	/////	00105	10656	1////
B	20565	51018	82003	65858	01151	32507	00712	83820	882//	05755	11845	1////
C	20528	35518	52518	69011	09504	32560	00610	83825	/////	05651	12547	1////
D	20440	41018	72022	63158	20413	72507	00719	87822	/////	00009	12644	1////
I	20589	19118	71720	98258	03008	3853/	00711	83825	87358	05302	11735	14915
J	20524	19918	83224	97616	03507	5742/	00006	85710	88520	05506	13244	12957
K	20448	16018	53246	65018	07610	59431	71334	81918	83641	05406	18255	12334
M	23660	18118	82724	60608	04103	855//	00614	88625	/////	05701	12732	1////

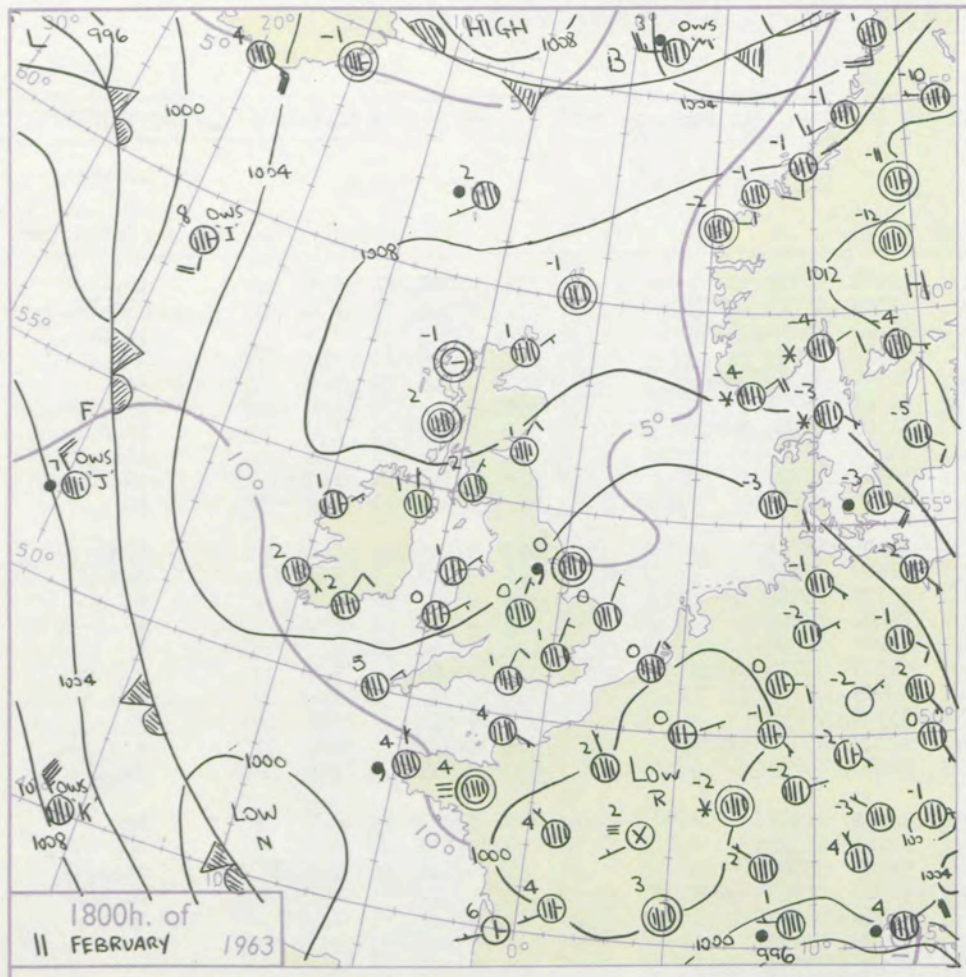
All times of observation printed in this publication are GREENWICH MEAN TIME.

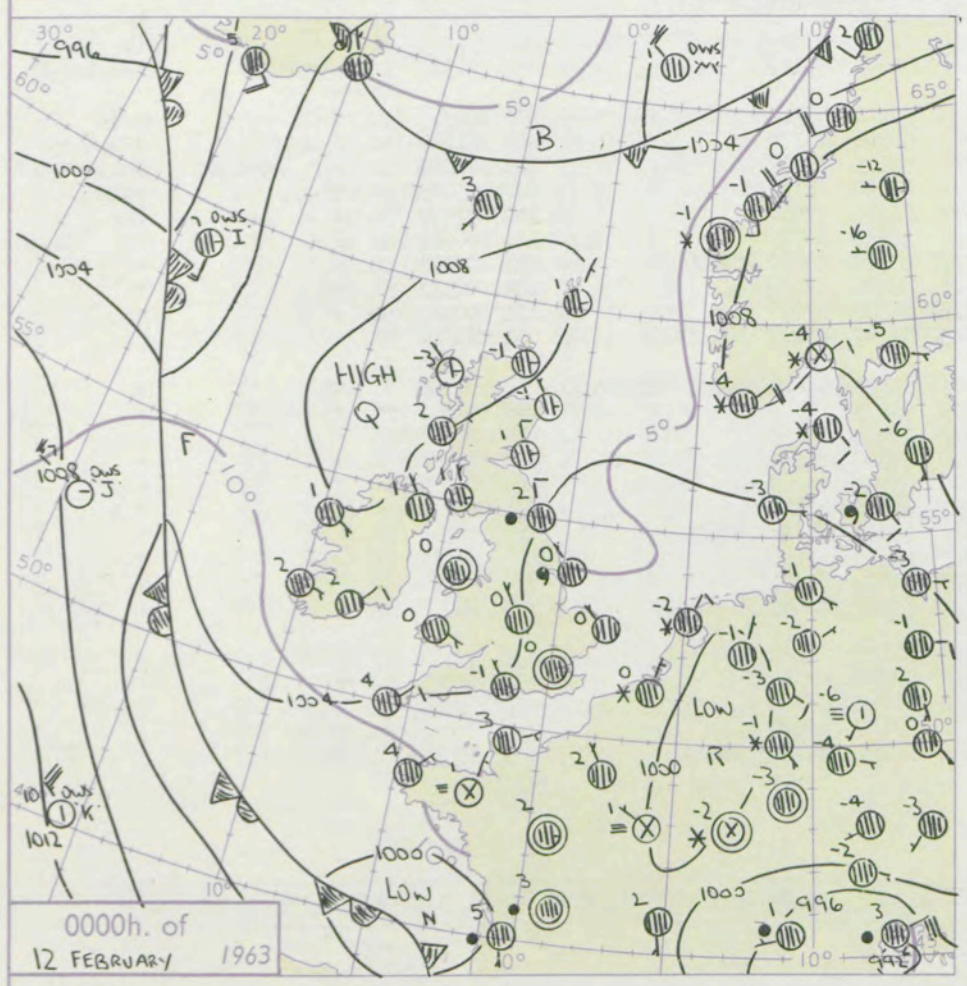
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

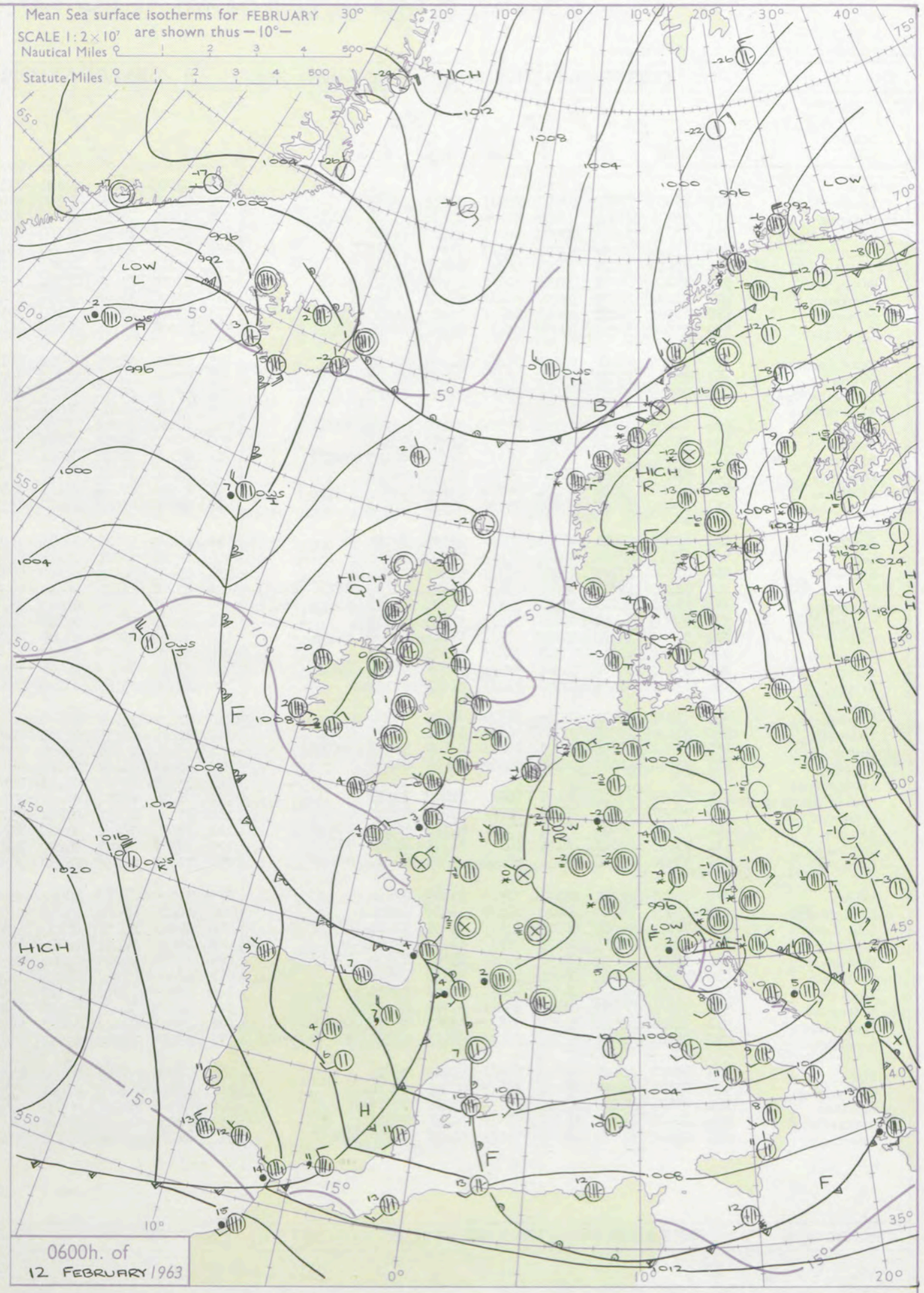
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


NAUTICAL MILES
0
500
1000
1500
Equidistant azimuthal projection
1:3 x 10⁷ on the plane of 60°N.
1200h. of
11 FEBRUARY 1963
CIVIL TWILIGHT (Mid-Morning)
HIGH
LOW
Las Vegas
Tucson
Portland
Vancouver
Prince Rupert
Yakutat
Whitehorse
Fairbanks
Mys Uelen
Anadyr
Markovo
Khatanga
Mys Chelinskin
Ostrov Kotelny
Ostrov Bol'shevik
Ostrov Vrangelya
Ostrov Medvezhiy
Ostrov Kolyuchin
Ostrov Wrangel
Ostrov Herald
Ostrov Jeannette
Ostrov Henrietta
Ostrov Kotelnyy
Ostrov Novaya Sibir
Ostrov Belkovskiy
Ostrov Kotel'nyy
Ostrov Faddeyevskiy
Ostrov Novosibirskiye
Ostrov Kotel'n

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 12 February** 1963

Shallow low pressure over western Europe yesterday has transferred east and a ridge has moved slowly southeast to northwest Britain. This ridge will dominate much of the British Isles in 24 hours time but weak frontal troughs will advance slowly from the Atlantic to northwest districts. The depression in mid Atlantic will turn north and another developing disturbance will form in the trough near Newfoundland and move east to northeast.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Gradually becoming less cold in the northwest and extreme west with occasional rain or sleet later chiefly in northern Ireland, Scotland and near Irish Sea coasts. Snow showers over England and Wales becoming confined mainly to east coast districts. Overnight frost in many areas.

OUTLOOK following 24 hours.

Less cold in most parts with some rain chiefly in north and west. Probably still cold in southeast.

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

Code FM 11.A

OBSERVATIONS at 00h. 12 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775			00					
London Airport	772	80000	32042	03650	856//	52303	88632		
Gatwick	776	83601	23054	03450	854//	52206	83708	88613	
Thorney Island	871	83601	14055	03800	863//	51209	88707		
Hurn	862	83404	37012	04051	863//	51306	88707		
Guernsey	894	80610	32052	02704	863//	03207	88706		
Wattisham	590	83206	26052	03151	854//	52203	84615	88623	
Gorleston	497	83202	22102	03000	863//	51102	88709		
Mildenhall	578	83501	14102	03650	855//	51302	84706	88620	
Cardington	559	83006	14562	03950	854//	51203	82708	88611	
West Raynham	485	80000	19102	03251	862//	51202	88703		
Wittering	462	83305	15565	04050	862//	50400	85704	88705	
Boscombe Down	746	80203	48051	04451	856//	52205	83710	88630	
Ross-on-Wye									
Bristol	628	83605	22042	05150	854//	52400	85706	88618	
Aberporth	502	81004	32052	05200	856//	51208	88630		
Rhoose (Cardiff)	715	80206	37052	05051	855//	52201	84709	88620	
Plymouth	827	73206	23042	03801	756//	51307	87640		
Chivenor	707	30703	19100	04552	30930	53204	83360		
St. Mawgan	817	70406	37052	04500	75700	51310	87650		
Culdrose	809	70105	56021	04301	756//	50206	87635		
Scilly	804	80511	40022	04104	864//	01208	88611		
Elmdon	534	83502	17205	03950	873//	52201	88708		
Shawbury	414	83309	32042	04750	856//	51501	82708	84718	88637
Manchester	334	89000	06445	04350	855//	51000	83710	84620	88645
Squires Gate	318	80105	24044	04801	856//	51302	88638		
Valley	302	80000	48042	05200	855//	51701	83628	88644	
Ronaldsway	204	73609	69022	05501	756//	51203	87643		
Carlisle	222	83303	58022	06501	855//	51205	83626	88640	
Watnall	354	83202	06565	03950	872//	51601	88703		
Spurn Head	396	83202	08515	02700	863//	00400	88708		
Finningley	360	83206	10515	03701	862//	50601	86704	88712	
Dishforth	261	83510	20586	04101	872//	00400	86705	88713	
Tynemouth	262	83610	61687	04102	8052/	00604	88520		
Eskdalemuir									
Mull of Galloway	131	70215	66012	06401	756//	51400	87630		
Prestwick	135	73607	58047	06601	757//	52201	87650		
Renfrew	141	70000	66022	07201	755//	54302	82625	87645	
Leuchars	171	73609	66012	06101	785//	51301	81820	87657	
Dyce	091	53502	59048	07551	58500	52301	81820	85645	
Wick	075	73003	74261	08451	725//	51605	87820		
Cape Wrath	049	20902	83020	08800	25500	54400	82625		
Sule Skerry	010	70000	84012	08303	4367/	00701	84930	87360	
Lerwick	005	70206	74021	08301	757//	53705	87650		
Stornoway	026	33105	80030	09053	38500	55701	81825	83635	
Benbecula	022	13502	82011	08551	15600	52703	81635		
Tiree	100	80502	80022	08302	856//	54400	88635		
Aldergrove	917	83502	66022	07101	856//	51202	88639		
Malin Head	980	81004	82022	07803	856//	56301	86634	88656	
Belmullet	976	81103	74022	08201	865//	52206	85720	86630	88640
Birr	965	80000	62026	07700	855//	51209	88629		
Collinstown	969	83304	66027	06101	856//	52104	88631		
Rineanna	962	83604	59102	07500	856//	51210	88630		
Roches Point	952	80408	56102	06202	856//	52206	88630		
Valentia	953	80902	61022	07102	855//	51207	82720	88630	

OBSERVATIONS at 06h. 12 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	83205	48022	03301	873//	52204	88708		
London Airport	772	82903	32042	03850	854//	51307	83714	88625	
Gatwick	776	83102	25052	03751	854//	52210	85611	88626	
Thorney Island	871	83001	19052	04600	855//	51210	88629		
Hurn	862	82905	23052	04650	854//	52209	82610	88623	
Guernsey	894	80110	09586	04703	861//	02311	88702		
Wattisham	590	83006	19562	02951	855//	51305	86704	88623	
Gorleston	497	83202	33052	02550	854//	51301	88614		
Mildenhall	578	83303	09425	03100	861//	50303	88702		
Cardington	559	82906	11105	03700	864//	51305	88710		
West Raynham	485	83608	08535	02850	861//	51305	88701		
Wittering	462	83508	14105	03700	862//	51305	88703		
Boscombe Down	746	83301	32052	05251	855//	53308	88626		
Ross-on-Wye	627	82101	24022	04951	862//	51400	88705		
Bristol	628	80000	23042	05551	863//	53305	88707		
Aberporth	502	80000	32052	06301	856//	51301	82710	88630	
Rhoose (Cardiff)	715	83107	48052	05551	864//	52105	88710		
Plymouth	827	43305	37041	05851	45700	53312	84650		
Chivenor	707	80503	37051	06151	855//	52309	85621	88656	
St. Mawgan	817	80405	47052	06300	855//	52213	88620		
Culdrose	809	10207	56021	06351	10930	52212	81358		
Scilly	804	80503	48022	06204	854//	02211	88617		
Elmdon	534	83107	08044	04200	873//	51207	88706		
Shawbury	414	83206	40502	05000	856//	51307	84715	88637	
Manchester	334	83101	15045	04550	856//	51304	88645		
Squires Gate	318	83507	56045	05202	856//	51305	88646		
Valley	302	80000	48022	06001	855//	51205	81625	88650	
Ronaldsway	204	80109	69022	05401	856//	50302	88643		
Carlisle	222	73510	59017	06401	755//	51205	82712	84626	86640
Watnall	354	83404	25565	03800	873//	51304	88708		
Spurn Head	396	83202	16025	02800	864//	52204	88710		
Finningley	360	83410	12105	03301	862//	00303	88703		
Dishforth	261	83409	23207	04201	873//	50305	88707		
Tynemouth	262	83413	61268	04101	864//	01500	88718		
Eskdalemuir	162	73508	63012	07151	756//	53304	87636		
Mull of Galloway	131	80218	60032	07401	874//	52215	88715		
Prestwick	135	70000	62031	07551	757//	53210	83630	87656	
Renfrew	141	70000	74022	07800	756//	52106	87630		
Leuchars	171	73507	70021	06800	758//	52208	87657		
Dyce	091	73307	62028	08050	785//	51107	83820	87635	
Wick	075	73005	82038	08552	38537	53303	81820	83635	86362
Cape Wrath	049	00902	86020	09202	00900	53209			
Sule Skerry	010	62302	85031	08103	6095/	00204	86360		
Lerwick	005	10000	74011	08082	15700	53306	81650		
Stornoway	026	00000	80010	09054	00900	55304			
Benbecula	022	20000	82020	08552	15701	54300	81656		
Tiree	100	80000	80022	08301	855//	53304	81628	88635	
Aldergrove	917	80000	74022	07700	856//	51204	88639		
Malin Head	980	83204	80022	08402	856//	53205	88634		
Belmullet	976	82204	74022	09350	856//	53308	88639		
Birr	965	80000	62022	08200	856//	51105	88632		
Collinstown	969	83104	62022	07401	856//	52210	88635		
Rineanna	962	83505	59102	08800	856//	51211	88630		
Roches Point	952	80211	59102	07602	855//	53109	88629		
Valentia	953	80930	66022	08402	855//	52207	82720	88630	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97006	51	+	ir_0s_0
London Airport	772	97505	51	≠	$d_0d_0is_0$
Gatwick	776	97515	51	+	id_0is_0
Thorney Island	871	97505	51	id_0	id_0
Hurn	862	00515	51	+	+
Guernsey	894	01021	02	+	$d_0d_0d_0r_0$
Wattisham	590	97516	51	+	$id_0d_0d_0$
Gorleston	497	97515	51	+	$if id_0$
Mildenhall	578	97516	51	ifd_0d_0	$id_0ffd_0d_0$
Cardington	559	97517	51	id_0	id_0
West Raynham	485	97516	51	ff	ffdd
Wittering	462	97516	52	d_0d_0if	d_0d_0if
Boscombe Down	746	00537	55	+	+
Ross-on-Wye	627	00517	52	+	+
Bristol	628	00516	51	+	+
Aberporth	502	00505	51	+	+
Rhoose (Cardiff)	715	00517	52	+	+
Plymouth	827	00521	56	+	+
Chivenor	707	00533	57	+	+
St. Mawgan	817	97511	51	+	id_0
Culdrose	809	97511	53	+	ir_0
Scilly	804	97031	//	+	id_0
Elmdon	534	97516	52	d_0d_0if	$if id_0is_0$
Shawbury	414	97517	51	+	id_0is_0
Manchester	334	97505	51	id_0if	id_0
Squires Gate	318	97015	51	id_0	+
Valley	302	00501	51	+	+
Ronaldsway	204	00005	51	+	+
Carlisle	222	97005	51	+	is_0
Watnall	354	91517	51	d_0d_0ff	$d_0d_0s_0s_0ff$
Spurn Head	396	92515	//	d_0d_0	r_0s_0
Finningley	360	91006	50	d_0d_0ff	$d_0d_0s_0s_0$
Dishforth	261	01007	50	$r_0r_0d_0d_0d_0s_0$	$d_0d_0r_0s_0s_0s_0$
Tynemouth	262	03015	50	ir_0s_0	psr_0r_0
Eskdalemuir	162	97527	54	+	is_0
Mull of Galloway	131	00011	//	/	/
Prestwick	135	00523	56	+	+
Renfrew	141	00513	54	+	+
Leuchars	171	00523	52	+	+
Dyce	091	94518	54	+	ps_0
Wick	075	01545	57	ys	+
Cape Wrath	049	00523	56	+	+
Sule Skerry	010	00010	55	/	/
Lerwick	005	00523	56	+	+
Stornoway	026	00553	60	+	+
Benbecula	022	00535	60	+	+
Tiree	100	00015	51	+	+
Aldergrove	917	00515	52	+	+
Malin Head	980	00021	00	+	+
Belmullet	976	00501	51	/	/
Birr	965	97513	52	/	/
Collinstown	969	97011	00	/	/
Rineanna	962	00511	51	/	/
Roches Point	952	00011	00	/	/
Valentia	953	00011	00	/	/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33000	82422	60606	94103	6742/	00508	/////	/////	05602	11956	1////
B	30565	51000	10000	65028	99851	11500	00802	81820	/////	05858	11844	1////
C	30528	35500	81829	65616	01904	855//	00851	88630	/////	05504	12047	1////
D	30440	41000	82328	63616	17012	8042/	00715	88515	/////	05112	12345	1////
I	30590	19000	71820	98252	01607	5853/	00606	85925	87358	05403	11835	11915
J	30525	20100	13125	98010	07707	11500	00010	81828	/////	05404	13245	12759
K	30449	16200	23237	65038	12510	28500	71220	82823	/////	05405	18253	12644
M	33660	02100	53122	70022	03502	59500	00311	83920	84630	05953	13122	12733

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33006	82420	60606	92902	6742/	00712	/////	/////	05701	12456	1////
B												
C	30528	35506	32325	69026	91807	30930	00712	83359	/////	00104	12047	1////
D	30440	41006	82324	63616	13313	8042/	00608	88515	/////	00013	12357	1////
I	30589	18806	82921	97606	99907	884//	00504	84815	88640	05503	12934	11916
J	30525	20006	43124	98030	09707	45600	00306	84635	/////	05504	13044	12757
K	30450	16306	43232	70250	15810	48500	71217	83823	/////	05405	18250	12644
M	33660	02106	73016	70032	04100	78500	00000	85820	/////	06255	13032	1////

CONVE TA °C t

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36973 — Date of Issue Wednesday 13 February,

RSION LE °F

Code FM 11.A — OBSERVATIONS at 12h. 12 February 1963

	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
104	Kew	775	83208	14687	05002	873//	51101	88708		
102	London Airport	772	82505	11777	05401	863//	00207	86707	88712	
100	Gatwick	776	83005	10687	05001	863//	51104	88708		
99	Thorney Island	871	72905	17237	06301	755//	50107	86709	87625	
97	Hurn	862	72807	28025	06802	756//	51107	87635		
95	Guernsey	894	73306	50056	08302	854//	52113	82710	84618	87625
93	Wattisham	590	83307	15707	04350	872//	51105	88703		
91	Gorleston	497	83306	12105	03601	863//	50206	88709		
90	Mildenhall	578	83503	15207	04601	862//	51204	85703	88705	
88	Cardington	559	83107	08507	05201	863//	51106	88708		
86	West Raynham	485	83307	14775	04300	861//	51207	88702		
84	Wittering	462	83407	17107	05501	862//	51304	86703	88704	
82	Boscombe Down	746	73305	28057	06801	756//	52106	82708	84630	86650
81	Ross-on-Wye	627	73607	57031	06902	755//	52106	87625		
79	Bristol	628	73106	60057	08102	757//	52308	87656		
77	Aberporth	502	73405	61022	08403	756//	00208	81712	87635	
75	Rhoose (Cardiff)	715	43009	58052	08101	48430	52109	81818	84620	
73	Plymouth	827	73308	13042	08802	754//	51213	84618	87640	
72	Chivenor	707	80207	72022	08503	885//	54210	82825	88640	
70	St. Mawgan	817	80107	56055	09501	855//	52216	84620	88630	
68	Culdrose	809	80308	32777	10101	854//	51232	85709	88618	
66	Scilly	804	80305	40505	08703	854//	01221	84707	88614	
64	Elmdon	534	83309	13687	06101	873//	50209	86708	88615	
63	Shawbury	414	73214	37507	07301	756//	51108	82640	86650	
61	Manchester	334	73308	37047	06502	754//	51210	84618	87645	
59	Squires Gate	318	73312	30042	07403	756//	50210	87645		
57	Valley	302	73508	66022	08804	785//	50210	82825	87640	
55	Ronaldsway	204	40213	80031	08904	38501	52113	83820		
54	Carlisle	222	60207	69012	08902	5854/	51209	82712	83360	
52	Watnall	354	83503	17227	06001	873//	00107	86709	88712	
50	Spurn Head	396	80000	10107	04700	863//	50109	88708		
48	Finningley	360	63509	30047	06102	65500	01110	82625	86640	
46	Dishforth	261	73409	23227	06202	756//	00109	85635	87650	
45	Tynemouth	262	70511	58158	06901	3357/	00214	83920	86359	
43	Eskdalemuir	162	73605	66707	08900	756//	51114	87634		
41	Mull of Galloway	131	50212	81022	10004	5093/	00212	85360		
39	Prestwick	135	20000	59041	09504	15731	54207	81656		
37	Renfrew	141	20505	48041	09803	28501	53108	81825		
36	Leuchars	171	63405	66012	09102	685//	52210	82825	84635	
34	Dyce	091	23107	62258	10000	28400	51109	81818		
32	Wick	075	42805	74031	09802	15605	52205	81630	84075	
30	Cape Wrath	049	42302	83022	10102	00908	55208	84270		
28	Sule Skerry	010	52602	85022	08505	2157/	0140/	82830	85360	
27	Lerwick	005	50000	74021	08805	12438	51103	81818	85275	
25	Stornoway	026	10000	80011	10404	11508	51105	81827		
23	Benbecula	022	11604	82011	09605	15600	54000	81645		
21	Tiree	100	70000	86012	10104	756//	57106	87640		
19	Aldergrove	917	80000	69022	10402	885//	52208	81820	88640	
18	Malin Head	980	82106	85022	10403	855//	51210	85723	88635	
16	Belmullet	976	81404	78022	10602	855//	53109	82625	88640	
14	Birr	965	80000	62022	11501	856//	51219	88632		
12	Collinstown	969	83306	66022	10003	856//	53211	88637		
10	Rineanna	962	80104	74022	11501	856//	52214	88642		
9	Roches Point	952	83209	61022	10602	856//	52214	88630		
7	Valentia	953	71002	66012	11203	75500	52213	82720	87633	

OBSERVATIONS at 18h. 12 February 1963

	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
	775	83603	13516	07402	873//	50216	87708	88712	
	772	83306	28777	07102	854//	50213	86615	88625	
	776	83204	10237	07201	863//	51214	86708	88712	
	871	83005	17507	08001	856//	00213	82710	88645	
	862	83106	32032	08602	856//	51216	88635		
	894	83410	56057	09802	854//	54215	85617	87628	
	590	83310	13227	06550	872//	51216	88704		
	497	83408	32687	05701	863//	00210	88709		
	578	83505	10777	06801	872//	50215	88705		
	559	83307	17717	07601	855//	50218	86707	88620	
	485	83507	28707	06700	872//	51316	86705	88712	
	462	83406	18717	08001	863//	00218	88706		
	746	83305	40227	08701	863//	51216	88708		
	627	73603	66022	09102	756//	52217	87630		
	628	72903	60052	09102	756//	51009	87630		
	5 2	53410	66012	10401	556//	51314	85635		
	715	23308	59051	09901	25600	52319	82630		
	827	73509	21047	10503	756//	52215	87630		
	707	73508	66021	10103	755//	52215	87628		
	817	83506	66022	11102	856//	52214	88645		
	809	70305	62057	10902	756//	52208	87645		
	804	80000	48025	11103	864//	00213	83615	88620	
	534	83307	09227	08101	855//	50215	85709	88620	
	414	73209	58047	09301	785//	52215	82825	86640	
	334	73306	18042	08502	755//	51215	84625	87656	
	318	10206	12041	09501	15600	52215	81635		
	302	10104	69011	10901	18500	51216	81825		
	204	13508	80010	10550	18501	53311	81825		
	222	33401	70011	11201	28541	52214	81718		
	354	73603	19042	08101	755//	51215	87625		
	396	73602	32687	06801	754//	01215	87612		
	360	83410	37606	08202	855//	00214	83620	88635	
	261	83511	23717	08601	872//	00217	83703	88705	
	262	80516	32688	09901	874//	00224	88710		
	162	13502	66017	11452	18500	55113	81820		
	131	23606	78010	11700	22501	52317	82825		
	135	40802	40041	10952	48600	54210	81835	84650	
	141	10802	14040	11301	00901	53310	81075		
	171	13004	70011	10650	15641	53311	81635		
	091	73208	48268	11100	784//	50111	82818	83630	87650
	075	72706	89021	10851	15502	53302	81625	87070	
	049	82002	83032	10101	25607	56203	82630	88270	
	010	32502	85011	09703	15605	00204	81630		
	005	42608	80031	09202	48402	00104	83818		
	026	12102	82030	10551	15660	54304	81640		
	022	71707	83031	09901	756//	52301	87640		
	100	71802	89022	10502	756//	55202	87635		
	917	80000	58022	11501	855//	52208	82620	88635	
	980	82007	82022	11202	856//	52307	88640		
	976	71309	74035	10702	755//	51303	83625	87640	
	965	80000	61022	12600	856//	52213	88633		
	969	73204	69022	11403	756//	53312	87645		
	962	81503	80022	12202	856//	51207	88645		
	952	83408	62022	11902	856//	52212	88633		
	953	21606	66011	11901	25600	53306	82640		

OBSERVATIONS during DAY

	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
	775	94025	000	$r_0s_0ff_0d_0d_0$	$d_0d_0r_0r_0r_0s_0$
	772	91025	000	$s_0s_0id_0$	$s_0s_0d_0d_0$
	776	93015	000	$d_0s_0r_0s_0$	$r_0s_0d_0s_0$
	871	97035	000	is_0	$r_0s_0d_0r_0id_0$
	862	91035	///	id_0	+
	894	97031	000	id_0	d_0s_0
	590	97007	///	$d_0d_0is_0ss$	ss
	497	97015	000	id_0	$id_0s_0s_0$
	578	97016	000	d_0d_0is	$d_0d_0is_0$
	559	01015	000	$iss_0s_0d_0d_0$	$is_0s_0s_0$
	485	91016	000	$d_0d_0s_0s_0$	s_0s_0
	462	96015	000	$d_0d_0fr_0s_0r_0s_0$	$r_0s_0s_0s_0$
	746	97026	000	is_0	is_0
	627	00037	018	+	+
	628	91035	004	is_0	+
	502	00035	000	+	+
	715	00036	024	+	+
	827	97031	004	is_0	+
	707	00051	012	+	+
	817	00031	000	+	+
	809	97031	007	is	+
	804	92051	000	id_0	id_0
	534	91025	000	$s_0s_0ffr_0s_0$	is_0
	414	97027	033	$s_0s_0is_0$	+
	334	97035	000	is_0	+
	318	00045	019	+	+
	302	00053	033	+	+
	204	00045	062	+	+
	222	00035	013	+	+
	354	97026	005	$s_0s_0is_0$	s_0s_0
	396	01015	000	irs	irs
	360	97036	006	s_0s_0	ir_0
	261	94027	009	$s_0s_0r_0s_0$	$r_0s_0s_0s_0$
	262	07025	001	$r_0s_0pr_0s_0ss$	$ssr_0s_0pr_0s_0$
	162	97027	045	$is_0s_0s_0$	s_0s_0
	131	00053	///	/	/
	135	00053	052	+	+
	141	00053	042	+	+
	171	00041	034	+	+
	091	92016	046	ps_0ps	ps_0
	075	00035	068	+	+
	049	00040	///	+	+
	010	00050	///	/	/
	005	00053	000	+	+
	026	00051	067	+	+
	022	00055	055	+	+
	100	00055	001	+	+
	917	00035	000	+	+
	980	0003/	000	/	/
	976	0003/	001	/	/
	965	0002/	000	/	/
	969	0004/	000	/	/
	962	0002/	000	/	/
	952	0003/	000	/	/
	953	0006/	016	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_dT_d$	$1d_wd_wP_HH_w$	$1d_wd_wP_HH_w$
A	30620	33012	72115	60265	92103	794//	00702	/////	/////	05653	12244	1////
B												
C	30528	35512	72719	69151	94405	65508	00107	86625	870//	05301	12449	1////
D	20440	41012	82325	69808	10115	6747/	00717	86815	/////	00213	12367	1////
I	30588	18712	62912	97028	01506	32532	00207	83820	84075	05600	12922	12658
J	30525	19712	72214	98021	10308	21501	00603	82825	87072	05303	12231	12766
K	30449	16612	33222	80018	19711	38501	21218	82826	/////	05305	13356	12942
M	33659	02012	63013	56862	06101	59460	00206	81915	84620	06254	13021	1#9/2

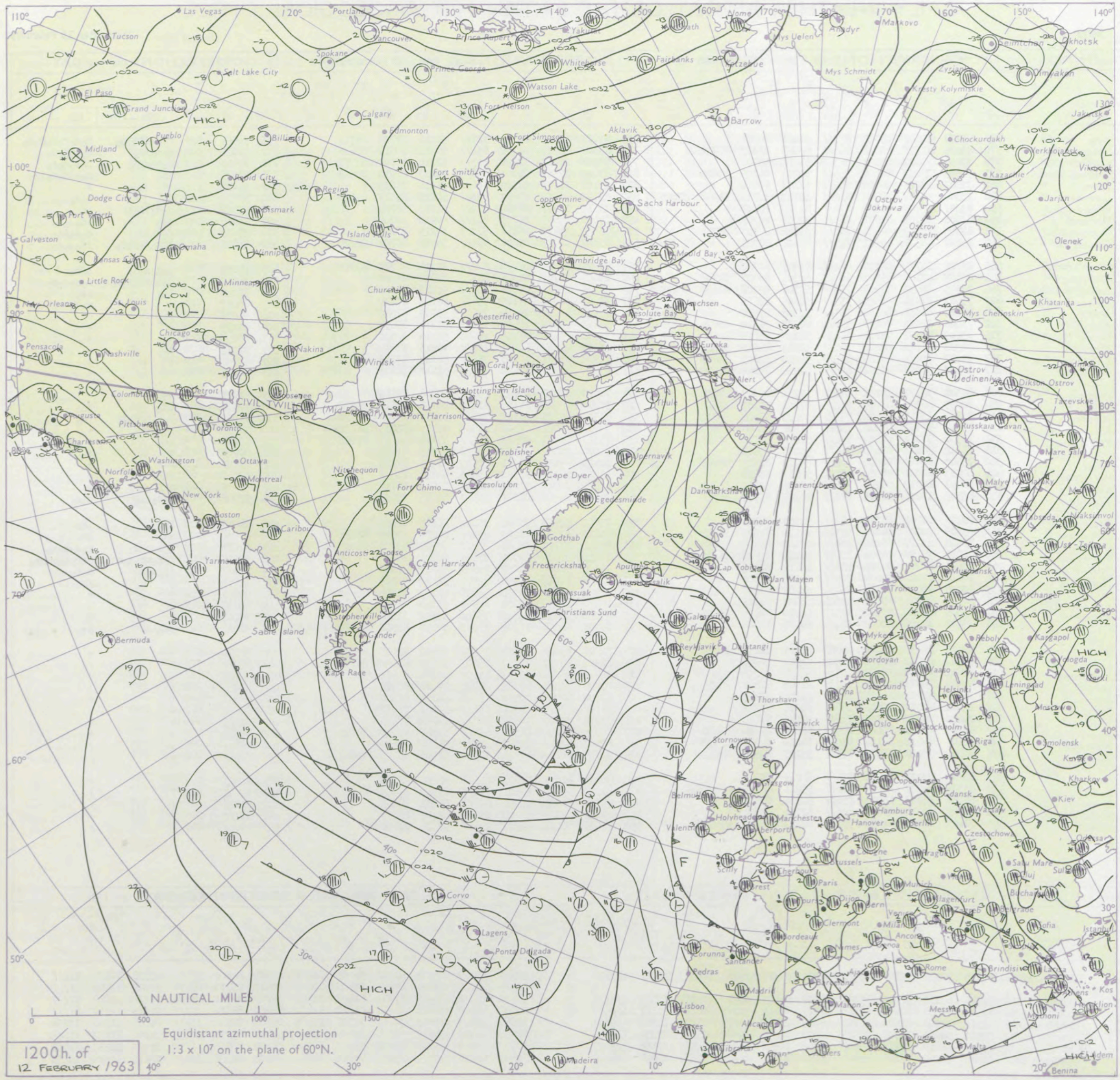
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$0T_sT_dT_d$	$1d_wd_wP_HH_w$	$1d_wd_wP_HH_w$
A	30620	33018	41908	80022	91103	32601	00706	/////	/////	05555	12134	1////
B	30565	51018	83635	18718	93502	824//	00315	85810	86630	05901	13546	1////
C	30528	35518	81615	61602	84406	2741/	00763	82712	88458	05202	11848	1////
D	30440	41018	82733	59258	07612	824//	00012	88814	/////	05109	12748	1////
I	30589	18618	31812	98151	00306	29501	00708	81920	/////	05651	11822	12658
J	30526	19518	81832	98606	00608	856//	51757	85710	88635	05306	11857	11654
K	30450	16218	43019	80038	20111	38541	21309	83826	/////	05205	13353	12951
M	33659	02118	60000	75031	06801	60951	00301	86358	/////	06155	1000	13631

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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OUD
Cloud Amount (oktas)
0
1 or less
2
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5
6
7 or more
8
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ATHER
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n and snow
nower
w shower
shower
nderstorm

IND
Wind speed (knots)
Calm
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3–7
8–12
13–17
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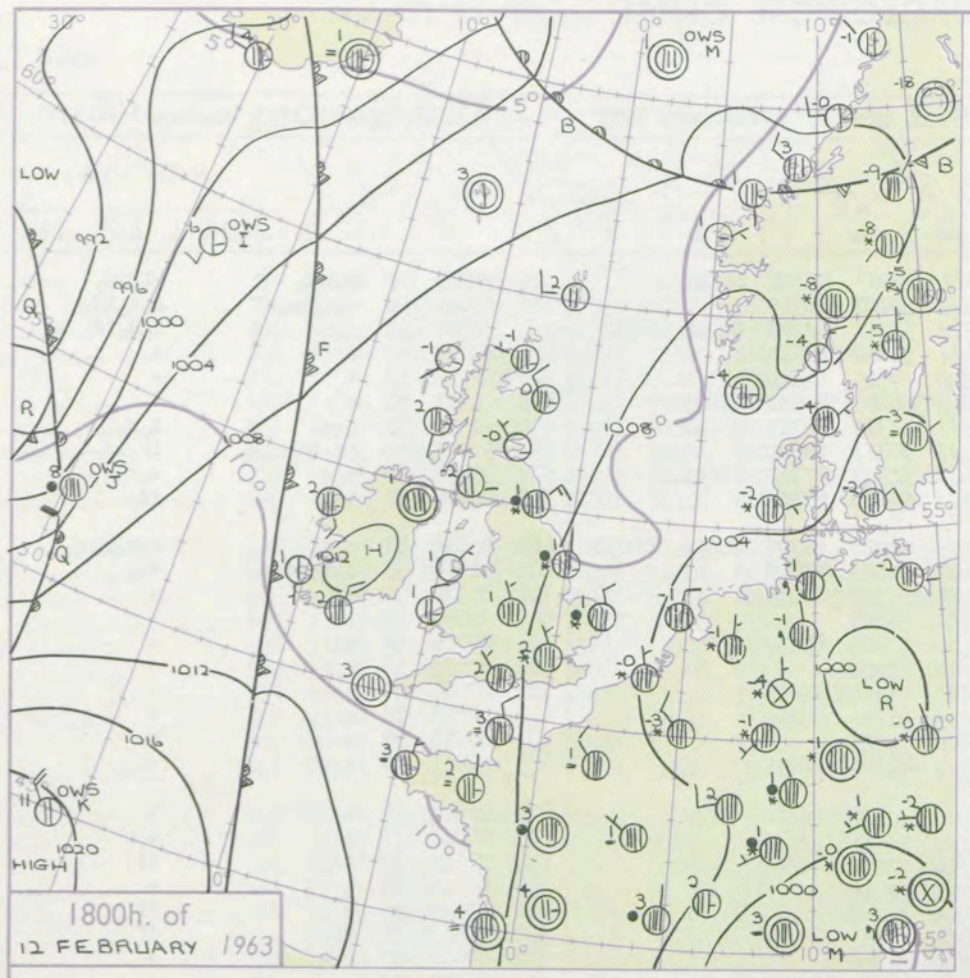
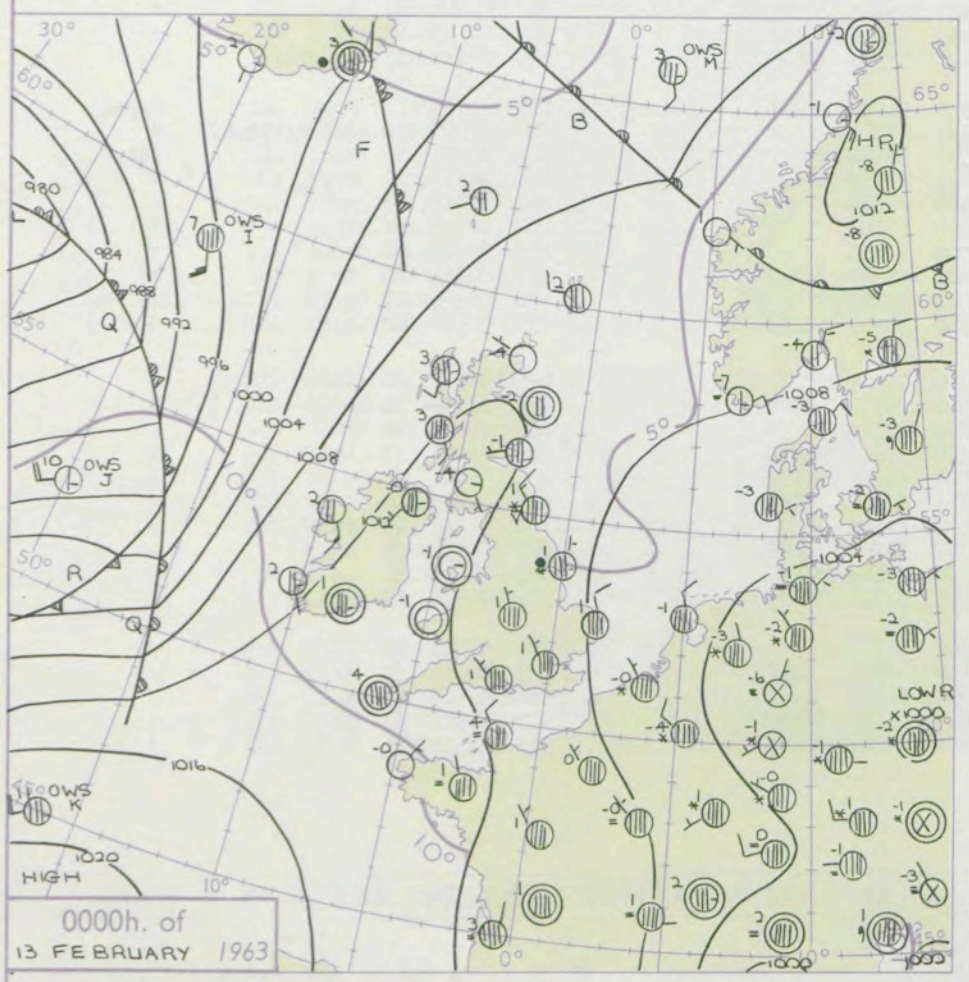
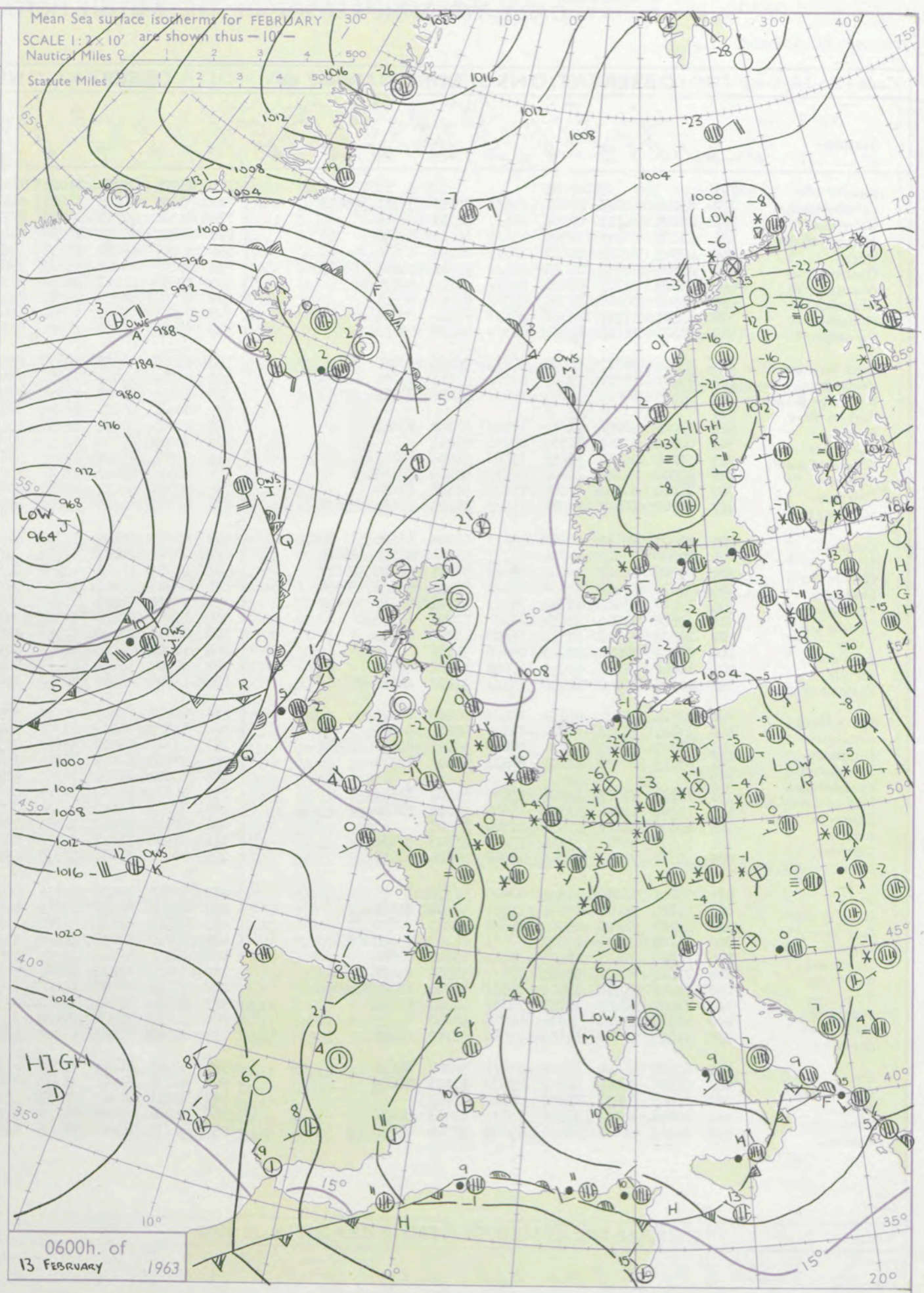
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Wednesday 13 February** 1963

The small depression near O.W.S. C yesterday has been absorbed by marked cyclonic development occurring to the west where a depression deepened in a trough and moved steadily eastnortheast. This depression will now move only slowly probably to near O.W.S. J by morning. Associated fronts will become slow moving over the west of the British Isles while the ridge now over Britain transfers slowly southeast.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Winds will increase gradually in all areas but not quickly enough to prevent frost in the east tonight. Strong to gale winds will eventually affect the west where a thaw is expected. Rain will extend to west and north Britain and Northern Ireland preceded by sleet or snow over high ground A slow thaw is likely in most other areas tomorrow.

OUTLOOK for the following 24 hours.

The thaw with some rain or snow will probably extend to most parts but it may be only temporary.

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

Code FM 11.A

OBSERVATIONS at 00h. 13 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			01					
London Airport	772	83206	40047	09401	854//	00109	85714	88618	
Gatwick	776	83105	36717	09301	864//	51207	88711		
Thorney Island	871	83206	28055	10301	856//	50212	88648		
Hurn	862	82905	62022	10601	756//	51109	87635		
Guernsey	894	83608	58052	13203	855//	52208	84620	88625	
Wattisham	590	83309	23717	08650	872//	50109	88704		
Gorleston	497	83509	56207	07701	855//	01212	88621		
Mildenhall	578	83505	17717	09100	872//	00210	88703		
Cardington	559	83106	28717	09601	863//	50209	88708		
West Raynham	485	83506	28717	08800	872//	00208	88703		
Wittering	462	83507	19227	10001	862//	51211	86704	88708	
Boscombe Down	746	73405	50012	10701	756//	51106	81715	87645	
Ross-on-Wye	627								
Bristol	628	33005	58051	11701	35600	53209	83640		
Aberporth	502	00000	62011	12351	00900	51214			
Rhoose (Cardiff)	715	33206	66011	11852	35600	54308	83635		
Plymouth	827	80000	24042	12801	856//	51209	88630		
Chivenor	707	70000	62032	12300	756//	51308	87635		
St. Mawgan	817	80000	66022	12901	855//	50105	82620	88627	
Culdrose	809	80403	62032	13202	856//	01205	88630		
Scilly	804	80000	63022	13204	853//	51205	83709	88628	
Elmdon	534	83306	26047	10401	854//	51211	86714	88617	
Shawbury	414	73310	32042	11650	755//	52210	83628	86650	
Manchester	334	73407	35041	11301	754//	53311	84617	86640	
Squires Gate	318	13606	28044	11651	15600	53209	81635		
Valley	302	10000	61010	12351	15600	53206	81630		
Ronaldsway	204	00109	80020	12253	00900	54105			
Carlisle	222	10000	66021	13053	15640	54104	81635		
Watnall	354	83606	40047	10301	857//	51107	88650		
Spurn Head	396	73604	48687	09101	754//	00209	87615		
Finningley	360	83411	40707	10901	856//	00215	88648		
Dishforth	261	63307	56107	11351	65600	51210	84630	83650	
Tynemouth	262	83215	48858	11201	8042/	50103	88515		
Eskdalemuir	162								
Mull of Galloway	131	11104	81022	12401	15600	51701	81630		
Prestwick	135	11404	62021	12354	15600	55204	81630		
Renfrew	141	00000	14284	13054	00900	55205			
Leuchars	171	72507	66021	11951	756//	53303	87634		
Dyce	091	40000	74018	12252	45600	53004	84640		
Wick	075	02803	86011	11554	00900	57301			
Cape Wrath	049	11805	86022	10601	15600	57503	81630		
Sule Skerry	010	22302	84020	09803	25600	00201	82630		
Lerwick	005	62709	74258	10002	685//	01103	83822	85630	
Stornoway	026	71810	74021	10403	756//	53602	87642		
Benbecula	022	71611	82022	09603	756//	51502	83631	87645	
Tiree	100	81412	80272	10903	885//	51201	85827	88640	
Aldergrove	917	72103	62022	12750	756//	52203	87645		
Malin Head	980	42013	82011	11501	45600	54000	84645		
Belmullet	976	41413	66031	09402	45500	51710	84627		
Birr	965	81603	61022	12700	856//	53802	88636		
Collinstown	969	82905	69022	12701	856//	53103	88645		
Rineanna	962	01206	66010	12351	00900	51703			
Roches Point	952	70000	66012	12501	756//	52503	87630		
Valentia	953	51407	66031	11402	55600	53809	85635		

OBSERVATIONS at 06h. 13 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	83505	48507	11001	873//	50307	87708	88712	
London Airport	772	83405	31037	11001	864//	50207	88710		
Gatwick	776	83104	20717	11000	872//	51311	82703	86705	88709
Thorney Island	871	82803	23051	12200	864//	51210	88712		
Hurn	862	43007	66031	12251	45600	52309	84640		
Guernsey	894	73208	80012	13603	756//	56208	82630	87645	
Wattisham	590	83408	28717	10151	855//	51311	86703	88623	
Gorleston	497	83307	58707	09501	855//	00311	88621		
Mildenhall	578	83505	37227	10850	856//	51211	83713	88645	
Cardington	559	83204	24227	11301	863//	51309	88708		
West Raynham	485	83308	40027	10650	855//	50212	82705	85620	88650
Wittering	462	73309	32017	11550	756//	51207	87640		
Boscombe Down	746	73204	56012	12951	754//	52312	87618		
Ross-on-Wye	627	00000	48021	12553	00900	54105			
Bristol	628	10000	58051	13151	15600	53305	81637		
Aberporth	502	00000	66020	12652	00900	53502			
Rhoose (Cardiff)	715	33506	66021	13153	35600	55304	83635		
Plymouth	827	70000	48022	13401	756//	51306	87632		
Chivenor	707	00906	48021	12853	00900	54201			
St. Mawgan	817	80000	62022	13001	856//	50301	88635		
Culdrose	809	83004	66022	13202	855//	00400	86710	88625	
Scilly	804	62803	74012	12804	655//	00508	86622		
Elmdon	534	42805	48041	11952	45500	53208	84625		
Shawbury	414	02902	40041	12754	00900	55304			
Manchester	334	00000	28041	11952	00900	53000			
Squires Gate	318	10000	37120	12355	00901	55203	81072		
Valley	302	00000	23040	12353	00900	55500			
Ronaldsway	204	10307	80020	12054	00901	55703	81075		
Carlisle	222	60000	56011	13253	60937	54001	86360		
Watnall	354	73105	28037	12052	756//	53308	87645		
Spurn Head	396	63206	24107	10150	60930	51206	86360		
Finningley	360	83109	36037	11301	857//	51400	88656		
Dishforth	261	73307	61027	11851	757//	52304	87650		
Tynemouth	262	73209	61022	11501	756//	52203	87630		
Eskdalemuir	162	00000	64020	14259	00900	61400			
Mull of Galloway	131	01805	66020	12801	00900	51703			
Prestwick	135	01206	64020	12155	00900	57500			
Renfrew	141	40000	20040	12656	45600	57601	84645		
Leuchars	171	02506	74011	12153	00900	55303			
Dyce	091	10000	40041	12857	15600	57202	81640		
Wick	075	02002	86020	11151	00900	53501			
Cape Wrath	049	11802	86020	09700	15600	56707	81630		
Sule Skerry	010	11802	85020	09603	15600	00715	81630		
Lerwick	005	32809	82028	10102	35600	51400	83640		
Stornoway	026	11812	82011	09303	18500	51606	81827		
Benbecula	022	71609	83022	08802	757//	52300	87650		
Tiree	100	71720	74036	09503	756//	55709	87635		
Aldergrove	917	61307	66021	11352	657//	55710	86650		
Malin Head	980	31713	80021	09400	35600	55613	83645		
Belmullet	976	51309	66031	06101	00902	52724	85073		
Birr	965	01406	66021	10051	00900	55711			
Collinstown	969	21403	64011	11750	25600	53706	82640		
Rineanna	962	51211	62021	08851	556//	54720	85630		
Roches Point	952	81306	59051	10402	856//	51712	88632		
Valentia	953	81320	66606	06805	865//	02728	84720	88635	

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97015	00	ds_do_d	$id_op_os_o$
London Airport	772	91005	50	$s_os_oi_os_o$	$s_os_oi_os_o$
Gatwick	776	95507	54	s_os_o	$s_os_oid_oi_os_o$
Thorney Island	871	00515	53	+	+
Hurn	862	00525	53	+	+
Guernsey	894	00011	51	+	+
Wattisham	590	01517	51	s_os_o	s_os_o
Gorleston	497	92006	50	$id_oi_os_or_os_o$	$ir_oi_os_o$
Mildenhall	578	94516	51	s_os_o	s_os_o
Cardington	559	93006	51	s_os_o	i_os_o
West Raynham	485	95516	51	s_os_o	$r_os_os_os_o$
Wittering	462	91516	53	$s_os_oi_os_o$	i_os_o
Boscombe Down	746	00526	55	+	+
Ross-on-Wye	627	00567	62	+	+
Bristol	628	00535	54	+	+
Aberporth	502	00535	58	+	+
Rhoose (Cardiff)	715	00556	60	+	+
Plymouth	827	00501	53	+	+
Chivenor	707	00543	59	+	+
St. Mawgan	817	00011	00	+	+
Culdrose	809	00010	00	+	+
Scilly	804	00031	//	+	+
Elmdon	534	97535	57	i_os_o	if
Shawbury	414	00576	60	+	+
Manchester	334	00535	55	+	if
Squires Gate	318	00565	58	if	if
Valley	302	00543	57	+	+
Ronaldsway	204	00555	57	+	+
Carlisle	222	00553	58	+	+
Watnall	354	91526	55	$s_os_oi_os_o$	+
Spurn Head	396	93515	//	r_os_o	r_os_o
Finningley	360	97506	52	$d_or_or_or_os_os_o$	+
Dishforth	261	91527	53	s_os_o	i_os_o
Tynemouth	262	92515	53	pr_os_o	+
Eskdalemuir	162	00617	63	+	+
Mull of Galloway	131	00513	//	/	/
Prestwick	135	00563	61	+	+
Renfrew	141	00573	60	ff	ff
Leuchars	171	00553	57	+	+
Dyce	091	00586	60	+	+
Wick	075	00545	60	+	+
Cape Wrath	049	00523	54	+	+
Sule Skerry	010	00023	00	/	/
Lerwick	005	97013	53	id_opr_c	+
Stornoway	026	00021	54	+	+
Benbecula	022	00015	51	+	+
Tiree	100	97025	00	$ps_oph_oir_o$	+
Aldergrove	917	00535	56	+	+
Malin Head	980	00513	53	/	/
Belmullet	976	00501	52	/	/
Birr	965	97523	55	/	/
Collinstown	969	00513	55	/	/
Rineanna	962	97523	53	/	/
Roches Point	952	97521	57	/	/
Valentia	953	97511	54	/	/

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33000	20306	85020	90903	22600	00802	/////	/////	05655	14923	1////
B	40565	51000	83437	63858	01802	824//	00239	88815	/////	05252	1////	1////
C	40528	35500	82316	69026	69103	6557/	00758	86625	88358	05701	11247	1////
D	40440	41000	62741	61024	12007	65400	00222	86615	/////	05702	17750	1////
I	40590	18600	81527	98031	95507	2851/	00832	82825	88465	05402	11543	14977
J	40525	19800	32420	98036	95210	35600	51606	83635	/////	00007	12457	11855
K	40452	16300	72420	75021	19011	25632	71711	82643	84360	05208	12642	13153
M	43658	02100	71512	79012	06303	15670	00709	81640	87363	05752	11521	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33006	30218	80022	88903	28501	00711	/////	/////	05554	10234	1////
B												
C	40528	35506	73249	63807	77504	72500	00263	87820	/////	05601	18252	1////
D	40440	41006	82740	61022	16806	854//	00220	88615	/////	05702	17751	1////
I	40590	18606	81330	97216	86407	855//	00745	88620	/////	05405	16541	12148
J	40525	20106	81933	97606	82110	854//	00784	85707	88615	00110	11858	12158
K	40450	15906	72430	70022	15212	785//	31620	82823	87648	05108	12544	13152
M	43660	02006	82104	70056	04804	85400	00502	88615	/////	05401	10070	11723

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36974

Date of Issue Thursday 14 February 1963

OBSERVATIONS at 12h. 13 February 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	72807	60028	12803	785//	51103	86820	83635	
London Airport	772	62705	56021	13003	684//	50007	81714	84818	86622
Gatwick	776	33203	44107	12903	31500	51004	83825		
Thorney Island	871	23003	32051	13803	21530	50003	82820		
Hurn	862	00104	48050	13602	00900	51003			
Guernsey	894	13207	78021	14705	11601	52001	81845		
Wattisham	590	82906	22777	12150	854//	51105	88612		
Gorleston	497	73004	48057	11602	4557/	01109	84622	87360	
Mildenhall	578	73203	28057	12201	754//	51002	82710	84618	87635
Cardington	559	72706	40012	13002	3563/	51103	83645	87358	
West Raynham	485	72906	28017	11801	762//	51203	87705		
Wittering	462	63307	58051	12802	45602	51106	83630	86077	
Boscombe Down	746	10403	37051	13700	16400	53002	81716		
Ross-on-Wye	627	12602	57021	13101	00901	52604	81077		
Bristol	628	11102	40041	14303	15700	52001	81650		
Aberporth	502	41511	69030	11902	00905	52807	84075		
Rhoose (Cardiff)	715	11206	37040	13701	00901	52000	81080		
Plymouth	827	71408	61022	13704	756//	52708	87630		
Chivenor	707	60907	59031	13203	45636	51802	81630	84640	86359
St. Mawgan	817	51612	59012	12405	55502	02805	82625	84635	
Culdrose	809	71914	62012	13007	755//	03804	87622		
Scilly	804	72110	61032	11408	3547/	04814	83615	87366	
Elmdon	534	00000	07054	12501	00900	52701			
Shawbury	414	01902	48040	13201	00900	53000			
Manchester	334	01803	28044	12503	00900	58708			
Squires Gate	318	11207	26044	12404	00901	50802	81075		
Valley	302	41611	66030	11603	00902	53806	81070	84075	
Ronaldsway	204	41417	66020	11004	31505	51806	81715	83820	
Carlisle	222	11001	48050	13001	15600	53805	81640		
Watnall	354	33002	19041	12702	35600	53204	83640		
Spurn Head	396	73003	16268	11401	755//	00205	87620		
Finningley	360	23410	26041	12505	25600	50000	82630		
Dishforth	261	33505	58047	12302	35601	53000	81630	83656	
Tynemouth	262	72908	32052	12601	7093/	52102	87358		
Eskdalemuir	162	00000	66020	13553	00900	54003			
Mull of Galloway	131	52708	70031	10004	32509	52709	83820	85170	
Prestwick	135	51511	69021	10802	11506	53705	81822	85280	
Renfrew	141	00000	04424	11652	00900	55709			
Leuchars	171	00000	48040	11703	00900	53804			
Dyce	091	13501	28040	12553	00901	53703	81070		
Wick	075	21708	86030	10403	00901	52706	82075		
Cape Wrath	049	31802	86010	08505	15640	57712	81630		
Sule Skerry	010	31713	85020	09703	15609	00204	81630		
Lerwick	005	12206	80011	10805	18401	51400	81816		
Stornoway	026	51513	82021	08003	2563/	53807	82630	85359	
Benbecula	022	71725	82022	06103	756//	55712	87635		
Tiree	100	71525	62032	06504	784//	51717	83818	87625	
Aldergrove	917	81413	66032	08103	855//	52720	81625	88640	
Malin Head	980	51624	83021	05104	48502	54731	81825	84645	85070
Belmullet	976	81526	64607	99303	6652/	07139	84720	86633	88458
Birr	965	71516	74021	05405	656/2	01827	86636	87072	
Collinstown	969	71415	66021	08605	28502	50820	81826	87070	
Rineanna	962	81320	66216	03403	854//	02731	81712	85640	88656
Roches Point	952	81621	48616	06105	863//	04825	84709	88459	
Valentia	953	81524	48616	00607	864//	06730	88715		

OBSERVATIONS at 18h. 13 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	12301	13051	12401	00905	51301	81075		
London Airport	772	22103	48011	12601	00901	51503	82075		
Gatwick	776	10000	48101	12552	00901	53301	81075		
Thorney Island	871	21803	32051	13200	00901	51001	82075		
Hurn	862	41605	23050	12301	15631	51710	81650	83360	
Guernsey	894	31810	66021	14103	20942	53604	82360		
Wattisham	590	73402	28037	12551	764//	52306	87710		
Gorleston	497	72705	16052	11802	755//	51303	87625		
Mildenhall	578	61801	28052	12001	655//	00302	86625		
Cardington	559	12106	37051	12451	00901	52501	81070		
West Raynham	485	82307	14102	11701	856//	00304	83707	88630	
Wittering	462	12705	48041	12050	00901	52300	81080		
Boscombe Down	746	41701	40051	13351	10931	53503	81362	84075	
Ross-on-Wye	627	41404	48020	11101	25601	53606	82630		
Bristol	628	71508	19040	12201	4563/	51607	84630	87358	
Aberporth	502	71420	59031	06802	3567/	53725	83630	87462	
Rhoose (Cardiff)	715	71209	37041	11001	755//	51712	84628	86635	
Plymouth	827	71616	57606	10305	6552/	02616	85620	86628	88459
Chivenor	707	71114	59022	09403	6557/	51715	84620	85656	87465
St. Mawgan	817	81721	56616	08305	854//	04617	86707	88615	
Culdrose	809	81715	26616	09206	4732/	05715	84708	88515	
Scilly	804	81823	58606	05307	2742/	05730	82710	88540	
Elmdon	534	41302	30044	11050	00902	53707	84075		
Shawbury	414	21505	56040	10300	00902	52611	82075		
Manchester	334	11305	20040	10401	00901	53609	81075		
Squires Gate	318	71414	26041	09401	10941	53712	81362	87073	
Valley	302	71516	62021	06703	7093/	53620	87362		
Ronaldsway	204	71319	69031	06903	35778	51715	81716	83656	87275
Carlisle	222	41005	59030	10101	00905	52612	84275		
Watnall	354	50000	19040	11351	00906	52704	85275		
Spurn Head	396	33205	16051	11100	32500	51702	83820		
Finningley	360	00000	48011	11701	00900	51302			
Dishforth	261	33101	48051	11151	15731	53701	81650		
Tynemouth	262	12801	28051	11101	10970	50502	81358		
Eskdalemuir	162	10000	66010	10954	00901	55808	81070		
Mull of Galloway	131	81818	70032	06102	30927	52721	83460	88270	
Prestwick	135	61307	66022	06951	00908	54619	86280		
Renfrew	141	61211	20041	08201	00908	53712	81070	86275	
Leuchars	171	11206	48040	09351	15701	52710	81650		
Dyce	091	30000	48040	10852	36400	53606	83712		
Wick	075	11714	74020	08403	00902	51809	81075		
Cape Wrath	049	11802	86020	05001	10910	56718	81460		
Sule Skerry	010	31718	82030	05903	25609	00715	82730		
Lerwick	005	11606	80010	10201	15600	52502	81645		
Stornoway	026	41620	74011	03704	45600	54722	84632		
Benbecula	022	71530	66012	00103	755//	51728	87625		
Tiree	100	71536	62032	00704	55402	51730	85618	86070	
Aldergrove	917	81521	62602	03203	26421	51723	83715	88458	
Malin Head	980	81530	74236	99103	5557/	00626	82625	85650	88459
Belmullet	976	81423	69616	90705	5642/	04741	81713	85719	88458
Birr	965	81420	59506	97605	7742/	04734	87713	88458	
Collinstown	969	81423	61617	02103	5642/	01730	85713	88526	
Rineanna	962	81420	66606	94907	873//	06711	82706	85709	88712
Roches Point	952	81727	24586	97807	863//	07733	88707		
Valentia	953	81820	58615	92709	863//	08736	88709		

OBSERVATIONS during DAY

Station	iii	RRTTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97045	025	ps_o	+
London Airport	772	00053	041	+	+
Gatwick	776	97035	055	s_os_o	+
Thorney Island	871	00055	050	+	+
Hurn	862	00055	///	+	+
Guernsey	894	00051	048	+	+
Wattisham	590	97015	///	s_os_o	+
Gorleston	497	97032	007	is_o	+
Mildenhall	578	97025	001	s_os_o	+
Cardington	559	00055	037	+	+
West Raynham	485	97025	006	s_os_o	+
Wittering	462	00045	060	+	+
Boscombe Down	746	00036	059	+	+
Ross-on-Wye	627	00057	069	+	+
Bristol	628	00045	060	+	+
Aberporth	502	97035	054	+	$ir_os_oir_o$
Rhoose (Cardiff)	715	00026	069	+	+
Plymouth	827	97061	007	ir_o	$ir_or_or_o$
Chivenor	707	97061	033	+	ir_o
St. Mawgan	817	01071	026	+	r_or_odd
Culdrose	809	03072	004	ir_o	$ir_or_or_o$
Scilly	804	02092	007	r_or_o	r_or_o
Elmdon	534	00035	061	ff	+
Shawbury	414	00036	073	+	+
Manchester	334	00045	056	ff	+
Squires Gate	318	00055	070	if	+
Valley	302	97051	074	+	ir_o
Ronaldsway	204	97055	075	+	ir_o
Carlisle	222	00045	077	+	+
Watnall	354	00046	053	+	+
Spurn Head	396	97045	039	pr_os_o	if
Finningley	360	00055	047	+	ff
Dishforth	261	97047	051	is_o	jf
Tynemouth	262	00031	029	+	ff
Eskdalemuir	162	00007	076	+	+
Mull of Galloway	131	00041	///	/	/
Prestwick	135	00023	082	+	+
Renfrew	141	00033	042	ff	+
Leuchars	171	00053	081	+	+
Dyce	091	00035	075	+	+
Wick	075	00045	069	+	+
Cape Wrath	049	00053	///	+	+
Sule Skerry	010	00050	///	/	/
Lerwick	005	00053	080	+	+
Stornoway	026	00041	038	+	+
Benbecula	022	00035	000	+	+
Tiree	100	00045	005	+	+
Aldergrove	917	92045	008	+	ir_o
Malin Head	980	9704/	043	/	/
Belmullet	976	0106/	000	/	/
Birr	965	9507/	003	/	/
Collinstown	969	9405/	022	/	/
Rineanna	962	0108/	000	/	/
Roches Point	952	0408/	000	/	/
Valentia	953	1509/	000	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	50326	80022	89205	55600	00211	/////	/////	05200	10356	1////
B	40565	51012	82913	65022	11101	845//	00222	86625	/////	05352	13347	1////
C	40528	35512	72939	61808	84005	72400	00241	87815	/////	05302	18154	1////
D	40440	41012	83223	69022	21006	7557/	00217	87630	/////	05751	12959	1////
I	40591	18712	81430	96026	80509	2547/	41626	82818	85358	05106	16345	1////
J	40525	20012	72618	98216	73708	755//	00728	84715	87620	05507	12657	12358
K	40449	15812	82236	65032	09112	885//	00738	81826	86650	00009	12346	12764
M	43659	02012	52512	70018	06005	48401	00306	83815	/////	05301	12521	12122

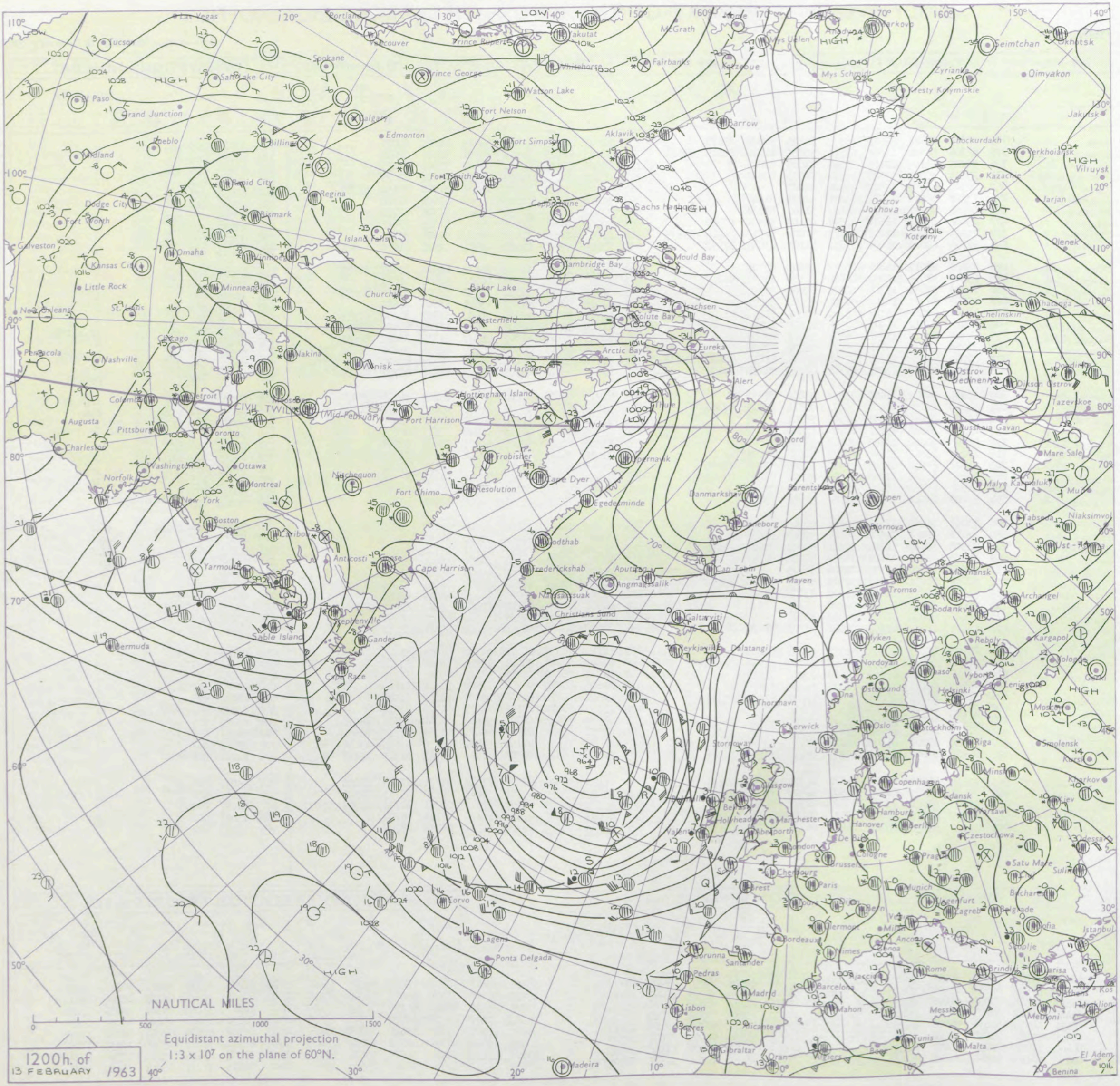
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33018	60126	76032	89505	55501	00802	/////	/////	05101	10167	1////
B	40565	51018	83214	65022	10302	845//	00602	88625	/////	05353	13346	1////
C	40528	35518	62949	61158	90505	62400	00330	86817	/////	05301	18256	1////
D	40440	41018	82713	69022	20607	25577	00707	82630	85360	05602	13056	1////
I	40591	18718	81045	95626	70808	7732/	00647	87708	88530	05207	16046	1////
J	40525	19918	52129	98258	67107	49403	51743	84912	/////	05405	12159	17462
K	40450	15418	82244	30626	98412	873//	21741	85707	85624	05111	12349	12764
M	43659	02118	62518	70012	05906	424 1	00602	84815	/////	05201	12632	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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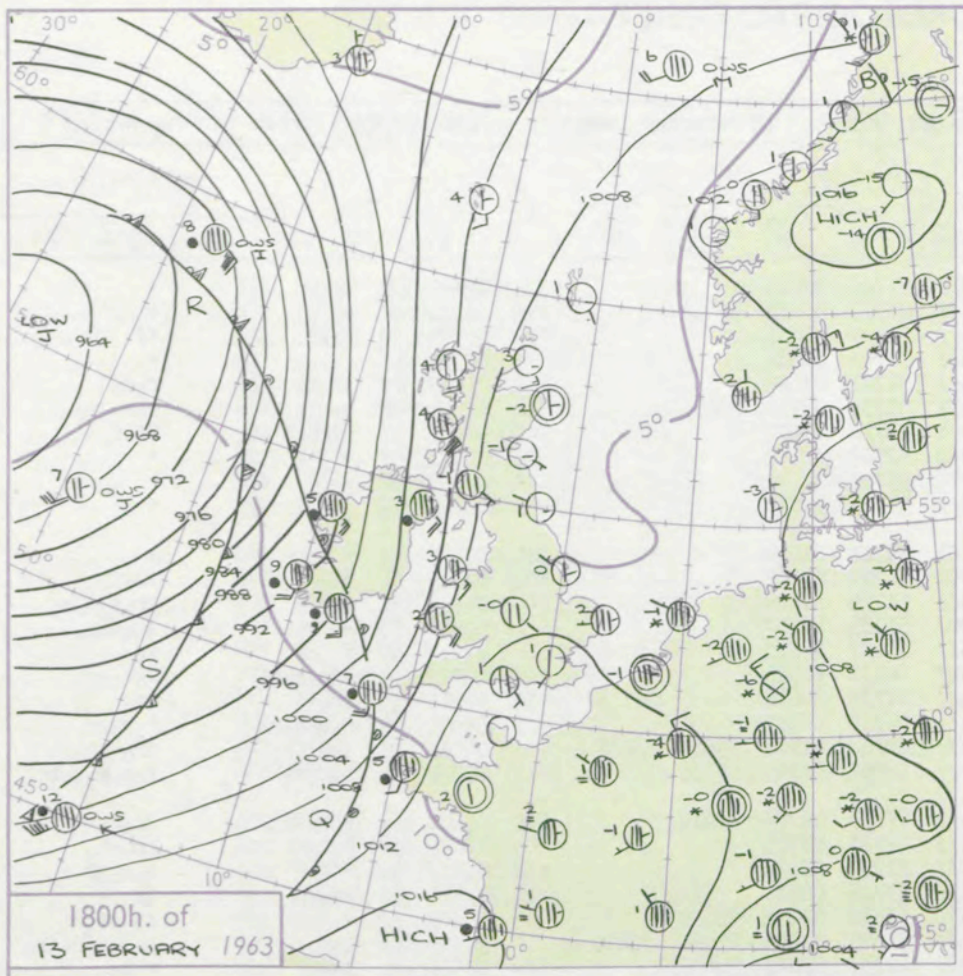

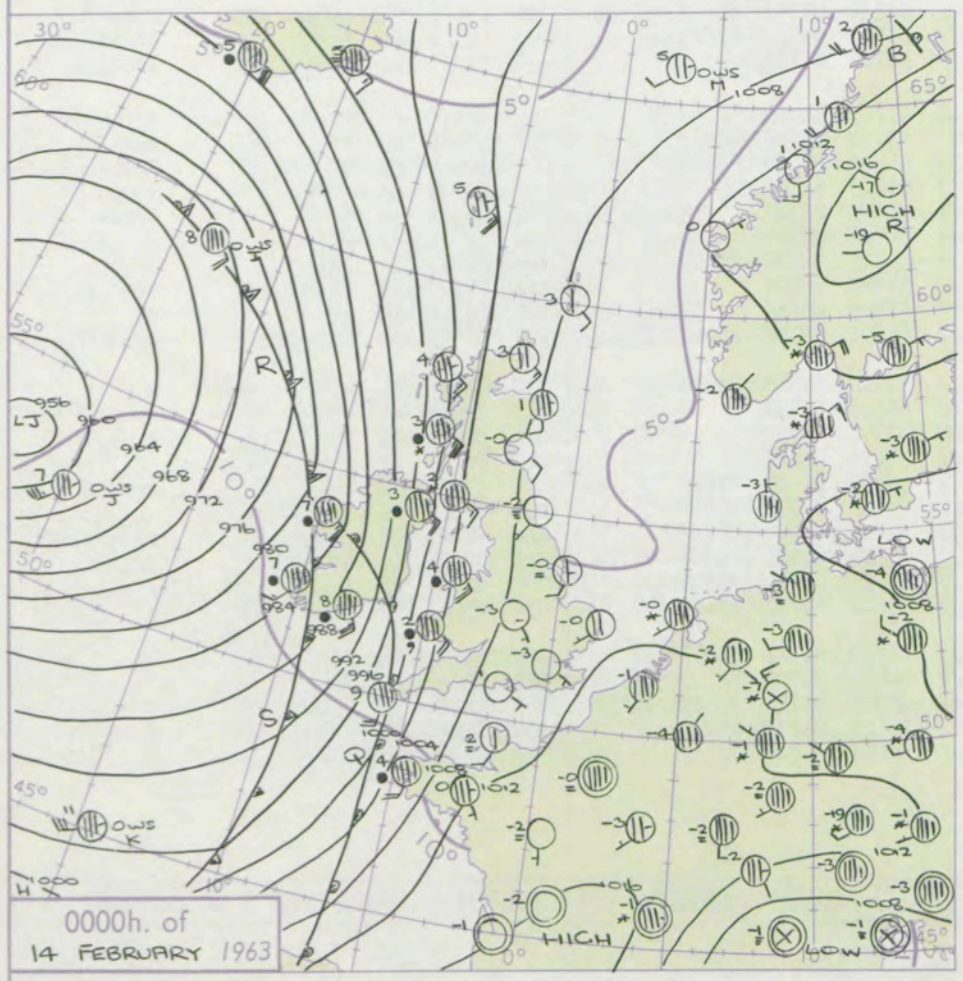

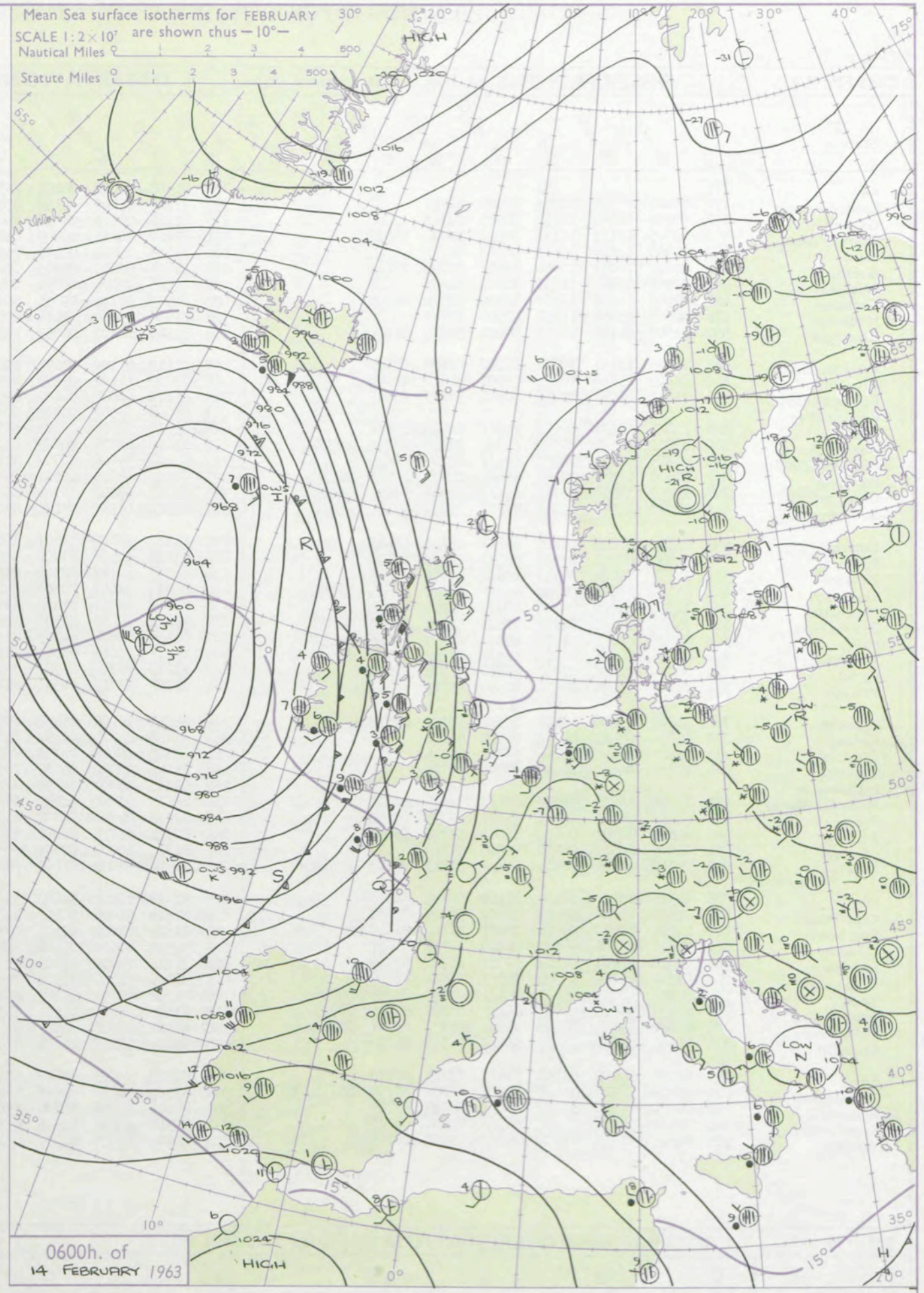

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Thursday 14 February** 1963

An intense depression near ship Juliett is moving slowly east and its associated fronts are slowly crossing the British Isles, though with marked troughing behind them as a cold pool moves east into Biscay. Pressure remains relatively high over Greenland and Scandinavia.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The rain over all western districts will move very slowly north-east. There will be snow on high ground from the north Pennines northwards with some moderate falls in Scotland. There will also be sleet or snow in the east Midlands, and eastern districts of England as far south as east Anglia. In the extreme east this will be slow to change to rain. There will be a marked thaw in the west but this will be rather slow extending to the extreme east.

OUTLOOK for following 24 hours

Rain at times in many places but also bright periods. Thaw extending slowly to remaining areas.

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

Code FM 11.A — **OBSERVATIONS at 00h.** 14 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775			51					
London Airport	772	01406	20040	10853	00900	54713			
Gatwick	776	00000	01464	11857	00900	58713			
Thorney Island	871	60905	19101	11151	654//	52716	86617		
Hurn	862	01406	62021	09901	00900	00721			
Guernsey	894	81822	70031	10004	7567/	51722	87640		
Wattisham	590	01901	05464	11453	00900	54807			
Gorleston	497	42506	32051	11450	45500	52804	84525		
Mildenhall	578	02003	23051	11152	00900	53807			
Cardington	559	11606	24100	10552	00902	54714	81070		
West Raynham	485	12005	12101	10752	16200	53807	81705		
Wittering	462	32105	15100	10453	00901	54814	83078		
Boscombe Down	746	31411	44051	09851	00901	53725	83075		
Ross-on-Wye									
Bristol	628	71411	48031	08601	757//	51822	87650		
Aberporth	502	81522	48586	01502	6732/	01724	86707	88537	
Rhoose (Cardiff)	715	81318	62212	06602	854//	00727	88618		
Plymouth	827	81628	43586	05206	854//	04731	85618	88630	
Chivenor	707	81222	58216	03904	854//	02831	83612	88619	
St. Mawgan	817	81623	40586	02705	872//	05729	86703	88706	
Culdrose	809	81724	56606	03406	854//	05731	88615		
Scilly	804	81825	66026	99309	855//	07737	88620		
Elmdon	534	11607	37040	08653	00901	55719	81075		
Shawbury	414	61110	37041	06750	655//	54720	82628	85656	
Manchester	334	11412	56020	06700	10930	56724	81358		
Squires Gate	318	71421	32042	05500	35601	53720	82643	86073	
Valley	302	81625	61616	01104	855//	01729	83628	88650	
Ronaldsway	204	81225	56606	01903	855//	01725	81710	88623	
Carlisle	222	31210	59031	07000	25630	53818	82635		
Watnall	354	01607	09044	09252	00900	53717			
Spurn Head	396	31908	20104	10150	00908	50708	83275		
Finningley	360	01706	05444	09153	00900	54816			
Dishforth	261	91505	F6494	08654	9/0//	55715			
Tynemouth	262	02106	04424	08652	00900	53710			
Eskdalemuir									
Mull of Galloway	131	81828	63606	01302	874//	01715	88718		
Prestwick	135	81213	48707	02302	856//	53725	88640		
Renfrew	141	80908	30701	04400	856//	53721	88635		
Leuchars	171	01509	62040	06950	00900	51713			
Dyce	091	71808	62031	08301	754//	51713	84619	87640	
Wick	075	41516	80030	06103	41400	00710	84815		
Cape Wrath	049	31418	86020	98602	35600	56736	83630		
Sule Skerry	010	11524	85010	02704	15600	01710	81630		
Lerwick	005	21511	83011	08603	25500	50708	82622		
Stornoway	026	71320	74031	00104	7093/	55716	87360		
Benbecula	022	81340	66022	95503	855//	53821	88627		
Tiree	100	81337	48687	96103	855//	01720	83716	88628	
Aldergrove	917	81323	40616	97403	862//	03725	83703	88705	
Malin Head	980	81430	59616	93404	863//	02727	85708	88712	
Belmullet	976	81424	66616	83107	864//	06740	88713		
Birr	965	81518	59605	90408	874//	07739	88713		
Collinstown	969	81520	58515	96405	862//	03728	82704	85705	88706
Rineanna	962	81 30	62586	87009	854//	06743	83719		
Roches Point	952	81633	58606	90408	863//	07841	88708		
Valentia	953	81916	58636	84307	863//	05537	88708		

OBSERVATIONS at 06h. 14 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
775	71508	56022	06401	755//	51720	87625		
772	81207	37042	06150	856//	51723	83635	88656	
776	61406	28101	06650	656//	52727	86635		
871	81410	74031	05903	856//	50723	88634		
862	71413	62021	04103	755//	51727	87629		
894	81624	62606	03303	6547/	51732	83710	86616	
590	11506	07424	08054	00901	54718	81070		
497	61905	37101	09651	00900	52707			
578	01505	23050	07454	00900	55718			
559	71310	16101	06052	756//	53721	87640		
485	21410	17100	07654	15601	55717	81640		
462	71810	11101	06253	00901	54723	87075		
746	81415	40687	04101	855//	51725	88628		
627	81608	57502	00802	8092/	51735	88557		
628	81515	58606	02303	855//	51627	88620		
502	81420	48636	94103	8032/	02736	88508		
715	81421	59606	00502	854//	01732	88616		
827	81525	48616	97406	854//	04738	88613		
707	81222	58602	96304	854//	02744	81708	83613	88637
817	81527	48586	93106	872//	06750	84703	88705	
809	81527	50616	93608	854//	07753	86703	88612	
804	81829	32636	89109	862//	08748	88704		
534	81513	48717	02500	855//	51730	88622		
414	81214	58047	00801	854//	53728	88615		
334	81415	58021	01402	5567/	53732	85632	88458	
318	81422	50237	99901	5562/	51625	82635	84650	88459
302	81620	58606	94205	855//	02733	83623	88647	
204	81231	50616	95503	5552/	01730	81708	85622	88550
222	81213	56727	01502	855//	53727	82715	88625	
354	81709	23717	04551	874//	52721	88710		
396	41813	16104	06451	00920	51719	84068		
360	81608	26774	05152	3577/	53720	83650	88362	
261	81308	09427	04753	7573/	54720	87650	88358	
262	71620	58024	04001	7097/	53619	87358		
162	81208	58707	02251	874//	53623	88717		
131	81630	63818	93902	874//	01736	88710		
135	81118	62707	96701	4562/	52827	84637	88459	
141	80911	48717	99201	855//	53724	88620		
171	81717	48041	02801	8097/	51718	88359		
091	71514	59028	05702	754//	51607	85707	85712	87619
075	51521	80011	03403	554//	52710	81618	85630	
049	31424	86020	96301	35600	53716	83630		
010	41537	84031	99404	47500	01711	84720		
005	31515	82020	06902	38400	52604	81818		
026	71218	74022	97505	3557/	51712	83630	87458	
022	81436	62606	91504	7742/	03619	87712	88517	
100	81238	56697	91102	864//	01726	84710	88715	
917	81422	56606	91104	863//	03631	83706	84708	88711
980	81334	66606	88005	864//	03622	86710	88645	
976	87411	74216	80904	864//	03702	84717	88639	
965	81720	56635	83607	6742/	07519	86715	88458	
969	81528	56616	88805	862//	04738	82704	86705	88706
962	81510	74216	82606	5547/	05707	81715	85630	88458
952	81912	56636	84606	863//	06612	84708	88718	
953	61707	62026	81907	66400	04813	86715		

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97525	56	+	+
772	00533	56	+	+
776	00595	60	ffFF	ff
871	00535	57	+	+
862	01015	52	ir_0	r_0r_0
894	91021	00	+	$r_0r_0ir_0$
590	97555	57	fffF	FFff
497	00523	56	+	+
578	00545	56	+	+
559	00535	57	+	+
485	00545	58	+	+
462	97545	61	+	is_0
746	01536	55	+	$ir_0s_0s_0s_0$
627	02017	55	+	$id_0d_0d_0$
628	97015	50	+	ir_0
502	04015	01	$d_0r_0r_0r_0$	r_0r_0rr
715	97015	50	ir_0	ir_0
827	05052	03	$r_0r_0d_0r_0$	r_0r_0rr
707	94031	03	$ir_0r_0r_0$	$ir_0d_0r_0$
817	08051	04	ddd_0r_0	$r_0r_0d_0r_0rr$
809	05052		$r_0r_0ir_0$	$ir_0r_0r_0$
804	10072	//	r_0r_0rr	rrr_0r_0
534	94537	56	+	s_0s_0ss
414	97516	53	is_0	is_0
334	97005	52	+	is_0ir_0
318	93505	53	s_0s_0	$s_0s_0r_0s_0ir_0$
302	01031	01	r_0r_0	r_0r_0
204	03025	01	r_0r_0	r_0r_0rr
222	01506	53	+	is_0is
354	92536	59	ff	$is_0s_0s_0$
396	00525	//	if	+
360	97535	56	ff	s_0s_0
261	92557	55	FF	$FFis_0s_0s_0$
262	00523	55	ffFF	+
162	97577	59	+	is_0ss
131	92011	//	/	/
135	97013	51	is_0	is_0
141	01527	51	$is_0s_0s_0$	$is_0s_0s_0$
171	00511	54	+	+
091	03005	50	$pr_0s_0ph_0$	$ir_0s_0id_0$
075	00021	01	+	+
049	00513	53	+	+
010	00030	01	/	/
005	00023	51	+	+
026	97031	52	+	ir_0
022	91025	01	ir_0	ir_0
100	02025	01	$r_0s_0ir_0$	$r_0s_0rsir_0$
917	07025	50	$ir_0r_0r_0$	$ir_0r_0r_0$
980	01031	02	/	/
976	07041	03	/	/
965	03051	04	/	/
969	02041	03	/	/
962	04051	05	/	/
952	12061	05	/	/
953	19061	03	/	/

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33000	83626	66152	90905	894//	00003	/////	/////	05102	13667	1////
B	50565	51000	80000	69022	07701	855//	00717	88625	/////	05457	13134	1////
C	50528	35500	32940	61021	97005	32500	00215	83820	/////	05302	13056	1////
D	50440	41000	82014	69216	17308	6557/	00734	86625	/////	05506	1////	1////
I	50591	18400	81522	97016	69508	7647/	41204	87712	88458	05208	11534	16142
J	50524	20000	72234	97258	60207	794//	41729	87912	/////	05605	17162	17463
K	50452	14400	72632	60016	95211	784//	61715	82810	87650	05203	12744	12247
M	53660	02300	62412	70168	07005	59400	00204	83915	/////	05402	12432	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33006	70234	66022	91303	79500	00400	/////	/////	05450	10278	1////
B	50565	51006	81115	69022	01601	855//	00734	88625	/// /	05355	149/4	1////
C	50528	35506	72947	65001	98705	61560	00105	86825	/////	05350	18052	1////
D	50440	41006	82339	69258	07816	855//	00741	88625	/////	00214	12255	1////
I	50591	18706	81415	96616	70607	4742/	31602	84710	88556	05406	11434	16140
J	50523	20306	52703	97258	62608	59403	61216	85915	/////	05506	17761	17463
K	50453	13606	52538	65371	92910	59400	21508	82915	83650	05405	12645	12246
M	53659	02306	82518	70038	06506	894//	43502	85915	/////	05101	12532	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36975

Date of Issue Friday 15 February 1963

OBSERVATIONS at 12h. 14 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$
Kew	775	81714	60022	01403	3561/	52620	83635	87462	
London Airport	772	81614	59032	01303	3567/	51723	83630	83359	88462
Gatwick	776	71613	56052	01803	2567/	51726	82645	85359	86462
Thorney Island	871	81213	50617	00902	7557/	01727	81715	87625	88360
Hurn	862	81312	56616	98803	855//	01725	84712	88623	
Guernsey	894	81526	48616	98203	7552/	01721	82712	85622	86640
Wattisham	590	51418	48014	03401	00902	51825	85075		
Gorleston	497	41916	58051	05801	00906	51716	84070		
Mildenhall	578	71609	48021	02703	7097/	51729	87360		
Cardington	559	81213	32052	01102	8091/	51726	88458		
West Raynham	485	61516	40021	03201	6093/	51827	86359		
Wittering	462	81516	37047	01401	4562/	52725	84630	88458	
Boscombe Down	746	81420	40637	99401	856//	00724	86706	88630	
Ross-on-Wye	627	81512	48616	95502	8042/	01727	88510		
Bristol	628	81218	58616	96902	855//	01723	86711	88625	
Aberporth	502	81425	58636	88804	5542/	03716	83706	85615	88530
Rhoose (Cardiff)	715	81320	32616	95302	872//	02624	82705	88708	
Plymouth	827	81430	37636	92006	7732/	05616	82706	86710	88520
Chivenor	707	81322	58636	91106	7742/	04620	87710	88540	
St. Mawgan	817	81720	48636	89106	872//	06505	86704	88707	
Culdrose	809	82810	56616	89606	854//	05505	84708	88615	
Scilly	804	72006	66026	88407	4542/	05213	84618	86458	
Elmdon	534	81417	37777	98501	856//	52720	85706	88640	
Shawbury	414	81315	56617	96402	854//	00721	84712	88618	
Manchester	334	81316	48606	97503	2562/	51717	82630	88460	
Squires Gate	318	81328	32617	95903	6552/	01720	86625	88556	
Valley	302	81427	62616	89406	5552/	03718	83715	84625	88550
Ronaldsway	204	81140	37616	91103	5732/	02718	84708	88550	
Carlisle	222	81015	37057	97902	7567/	00715	81718	87640	88459
Watnall	354	81411	19047	00101	80521	52720	88520		
Spurn Head	396	61417	24051	02801	6097/	51722	86358		
Finningley	360	81318	48707	00901	856//	51720	84712	88640	
Dishforth	261	81314	23717	00701	874//	51718	85710	88712	
Tynemouth	262	81627	39057	01101	2752/	50719	82720	88458	
Eskdalemuir	162	81219	57707	98600	874//	52618	88716		
Mull of Galloway	131	81834	56606	89702	874//	01726	88710		
Prestwick	135	81012	60027	93703	36471	50614	83715	86460	
Renfrew	141	80913	20047	95902	856//	51715	83720	88640	
Leuchars	171	81223	56687	00002	6552/	51712	86625	88458	
Dyce	091	71614	56237	02603	6543/	50716	81707	86618	87360
Wick	075	71424	80021	01303	554/2	52713	85618	86075	
Cape Wrath	049	41430	86022	93202	485//	53713	84825		
Sule Skerry	010	61237	74012	98305	5357/	03708	85920	86360	
Lerwick	005	61316	82031	05103	614//	53709	86818		
Stornoway	026	81323	66026	94305	2562/	00812	82640	88460	
Benbecula	022	81327	66216	89206	4552/	01813	82624	84650	88460
Tiree	100	71234	59607	88804	50978	02713	83360	84462	87270
Aldergrove	917	81324	40636	88304	862//	03612	84705	87707	88715
Malin Head	980	81333	61616	85905	6742/	03502	86710	88530	
Belmullet	976	71313	78016	80107	4843/	04606	82712	84635	87362
Birr	963	81310	74026	83507	864//	03703	85715	88633	
Collinstown	969	81622	40616	86105	862//	04706	82704	85705	88708
Rineanna	962	71215	80012	82007	685/2	05503	83820	86645	87070
Roches Point	952	51616	66016	84208	12431	06803	81818	83359	85069
Valentia	953	31720	78028	97310	32500	05715	83825		

OBSERVATIONS at 18h. 14 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$
Kew	775	81410	32617	97602	7737/	50714	87708	88462	
London Airport	772	81412	28617	97501	874//	00716	88710		
Gatwick	776	81410	35717	98301	856//	50817	82704	87706	88630
Thorney Island	871	81214	20697	97001	7632/	01718	87709	88515	
Hurn	862	81313	39657	94902	6722/	01618	84705	86710	88520
Guernsey	894	81623	32616	94003	7712/	02513	83702	87704	
Wattisham	590	81317	23102	00250	4732/	51611	84707	88458	
Gorleston	497	81719	48051	02001	855//	51509	88624		
Mildenhall	578	81610	28052	99601	8097/	51604	88458		
Cardington	559	80314	21617	97301	8082/	50718	88457		
West Raynham	485	81520	20702	99900	8092/	50608	88558		
Wittering	462	81511	19717	98000	6732/	51711	86706	88556	
Boscombe Down	746	81421	14717	95700	861//	00716	88702		
Ross-on-Wye	627	81411	48506	92202	863//	01611	88708		
Bristol	628	81516	40687	92902	855//	01718	86707	88625	
Aberporth	502	81417	40506	88503	7737/	03304	87707	88450	
Rhoose (Cardiff)	715	81515	40606	91002	854//	02608	85708	88613	
Plymouth	827	81509	56036	90006	6567/	06303	82710	86630	88460
Chivenor	707	70906	62026	89305	5557/	04607	81710	85622	87460
St. Mawgan	817	81517	59036	88706	855//	05400	84705	85710	88620
Culdrose	809	71512	62036	89006	5851/	06504	81708	85635	86458
Scilly	804	22016	69021	86108	25400	06712	82618		
Elmdon	534	81412	34687	94401	856//	00610	85707	88630	
Shawbury	414	81208	28687	93101	853//	00612	87705	88608	
Manchester	334	81321	37616	93803	3547/	50614	81710	83618	88458
Squires Gate	318	81323	26046	92403	6542/	01708	86618	88540	
Valley	302	81615	69026	88305	7541/	02204	83618	87625	88460
Ronaldsway	204	81230	48216	88903	856//	02603	82707	86710	88630
Carlisle	222	81215	32516	95102	856//	01506	85712	88630	
Watnall	354	81315	14687	96001	5742/	50615	85710	88520	
Spurn Head	396	81520	16682	98501	864//	51712	88710		
Finningley	360	81319	28797	97501	856//	51613	87708	88635	
Dishforth	261	81215	11737	97500	872//	50711	88705		
Tynemouth	262	81524	32687	97701	5742/	00609	85710	88525	
Eskdalemuir	162	91225	09737	95350	9/0//	51713	89/02		
Mull of Galloway	131	81635	32606	88402	874//	01400	88710		
Prestwick	135	81020	50606	90902	6577/	50510	81715	86650	88460
Renfrew	141	81013	24042	93303	854//	51605	83708	86618	88640
Leuchars	171	81223	56687	96902	856//	50614	86708	88630	
Dyce	091	81316	32712	00301	872//	00708	83704	85706	88710
Wick	075	71524	74022	99703	6557/	52605	86620	87360	
Cape Wrath	049	61437	86032	91202	655//	52704	86625		
Sule Skerry	010	81237	66032	96204	874//	03706	88715		
Lerwick	005	71316	82278	04802	784//	53503	84818	86630	
Stornoway	026	71123	66022	92105	7097/	50708	84359	86362	
Benbecula	022	81325	74032	88505	4567/	02301	84635	88459	
Tiree	100	81331	56046	87804	856//	01105	85714	88630	
Aldergrove	917	81212	56206	86704	862//	03506	86705	88712	
Malin Head	980	81320	64036	84904	8641/	03304	68714		
Belmullet	976	31214	81031	78407	11502	03705	81825	83070	
Birr	965	21414	80011	82107	12501	04506	81823		
Collinstown	969	81517	69502	85605	863//	04104	82707	86712	88640
Rineanna	962	51314	74031	79508	58500	04509	83820	85635	
Roches Point	952	81916	58818	82006	874//	04507	88714		
Valentia	953	81518	70808	76407	895//	04513	88922		

OBSERVATIONS during DAY

Station	iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	91045	000	+	$ir_os_or_or_od_or_o$
London Airport	772	91031	000	+	$ir_os_or_s$
Gatwick	776	02036	002	$irss_os_o$	s_os_o
Thorney Island	871	10036	000	r_os_or	r_os_orsss
Hurn	862	10032	///	r_or_orrrs	$r_os_or_or_orRR$
Guernsey	894	12042	000	r_or_orr	rrr_or_o
Wattisham	590	97025	///	+	is_o
Gorleston	497	00015	038	+	+
Mildenhall	578	97035	006	+	r_os_o
Cardington	559	91035	000	+	$is_or_or_o$
West Raynham	485	97015	013	+	s_os_o
Wittering	462	96016	000	is_o	$is_os_os_o$
Boscombe Down	746	08017	000	rrr_os_oss	sss_os_o
Ross-on-Wye	627	15036	000	$ir_orrr_or_o$	ir_oid_o
Bristol	628	03035	000	r_or_orr	$r_os_or_or_o$
Aberporth	502	05045	000	rrr_or_o	id_o
Rhoose (Cardiff)	715	02035	000	$d_or_or_or_o$	r_or_o
Plymouth	827	09061	000	$rrRRr_or_o$	$r_or_●$
Chivenor	707	05062	000	d_or_orr	r_or_o
St. Mawgan	817	18071	000	rr	+
Culdrose	809	07081	000	rrr_or_o	+
Scilly	804	02102	037	r_or_o	ir_ir_o
Elmdon	534	04025	000	$sss_os_or_or_o$	$s_os_or_sd_od_o$
Shawbury	414	95026	000	$r_or_od_or_or_s$	r_os_o
Manchester	334	97045	000	$ir_or_or_o$	r_or_o
Squires Gate	318	92035	000	$ir_or_or_o$	$r_or_●$
Valley	302	01061	000	$r_or_oir_o$	ir_o
Ronaldsway	204	02035	000	r_or_orr	r_or_o
Carlisle	222	97035	000	+	$r_or_od_od_oid_o$
Watnall	354	93017	000	is_oid_o	$ir_s_os_o$
Spurn Head	396	91015	000	+	$r_os_os_os_o$
Finningley	360	01016	000	$is_os_os_o$	$r_or_os_os_o$
Dishforth	261	04017	000	s_os_off	sss_os_o
Tynemouth	262	02022	000	ss	$id_or_os_o$
Eskdalemuir	162	03007	000	s_os_o	s_os_oSSks
Mull of Galloway	131	92031	///	/	/
Prestwick	135	97031	000	+	$ir_or_or_o$
Renfrew	141	92035	000	is_o	+
Leuchars	171	04032	000	r_os_o	$r_os_or_s$
Dyce	091	02036	000	$ir_or_os_o$	$ssrsr_os_os_os_o$
Wick	075	91041	000	+	$r_os_os_os_or_os_o$
Cape Wrath	049	00030	///	+	+
Sule Skerry	010	00050	///	/	/
Lerwick	005	97033	020	ph_o	ph_o
Stornoway	026	00061	004	+	+
Benbecula	022	97065	000	ir_o	+
Tiree	100	92055	000	$ir_or_or_o$	ir_o
Aldergrove	917	07055	000	$rrir_or_or_o$	$id_od_od_o$
Malin Head	980	0405/	000	/	/
Belmullet	976	9709/	046	/	/
Birr	965	0509/	026	/	/
Collinstown	969	0806/	005	/	/
Rineanna	962	0010/	034	/	/
Roches Point	952	0308/	046	/	/
Valentia	953	0110/	054	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_Hw$	$Id_wd_wP_HP_Hw$
A	50620	33012	80236	66022	90703	855//	00306	/////	/////	05500	10289	1////
B	50565	51012	81619	69022	94602	855//	00734	88625	/////	05253	14914	1////
C	50528	35512	82910	69252	95904	685//	00717	86820	/////	05650	13059	1////
D	50440	41012	82530	59616	03816	873//	00400	88809	/////	00215	12457	1////
I	50590	18912	31220	98256	73607	32460	61229	83818	/////	05403	11245	16142
J	50523	20512	72751	96218	59808	794//	61735	84705	87915	05307	17769	17969
K	50453	13612	62535	65258	93309	59473	51211	81915	83820	05507	12548	12814
M	53653	02112	62508	70161	08206	69400	43102	81915	85640	05201	10090	12542

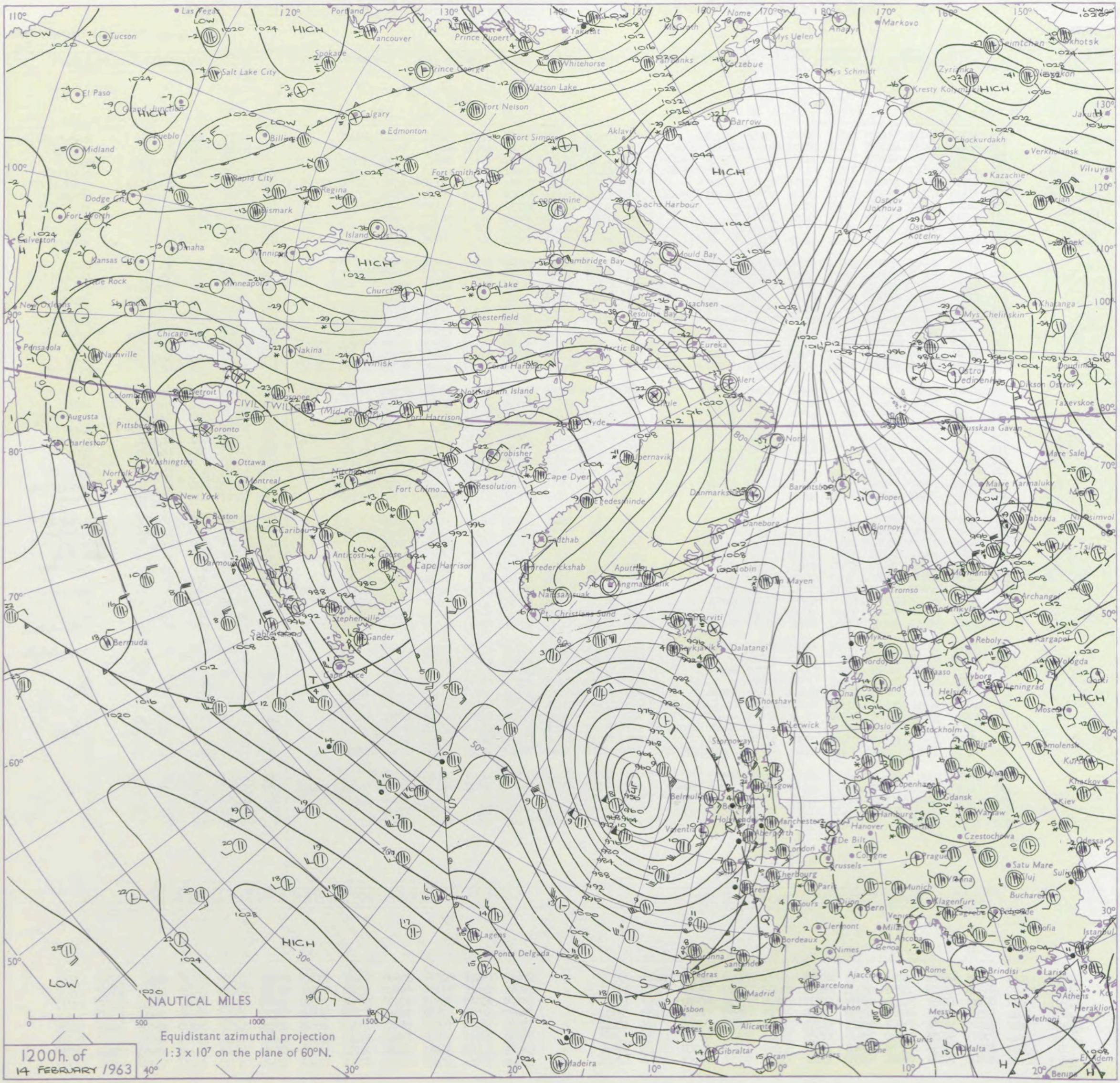
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Ch_S$	$8N_Ch_Ch_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_HP_Hw$	$Id_wd_wP_HP_Hw$
A	50620	33018	80134	60606	88103	5742/	00716	/////	/////	05501	10189	1////
B	50565	51018	81130	69022	86302	855//	00739	88625	/////	05154	11247	1////
C	50528	35518	72912	69022	91505	75500	00627	87630	/////	05451	13357	1////
D	50440	41018	82734	18616	99715	76344	00727	/////	/////	00115	12557	1////
I	50590	18918	60922	98018	76309	42508	00400	84822	84270	05105	10934	16251
J	50522	20818	72936	98258	66409	794//	61007	87912	/////	05206	17967	17768
K	50453	12118	62638	60038	93711	58502	61312	84820	/////	05207	17548	12856
M	53646	02218	31908	75028	07606	29540	43505	/////	/////	05301	12031	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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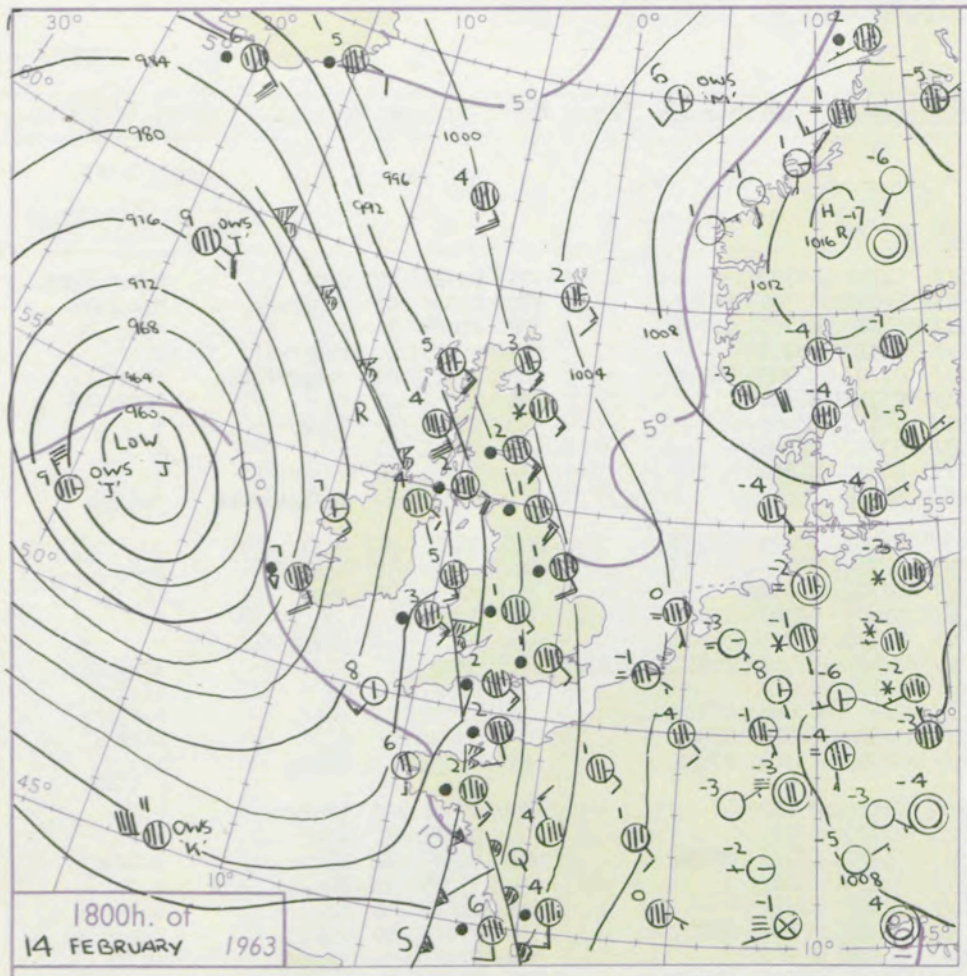
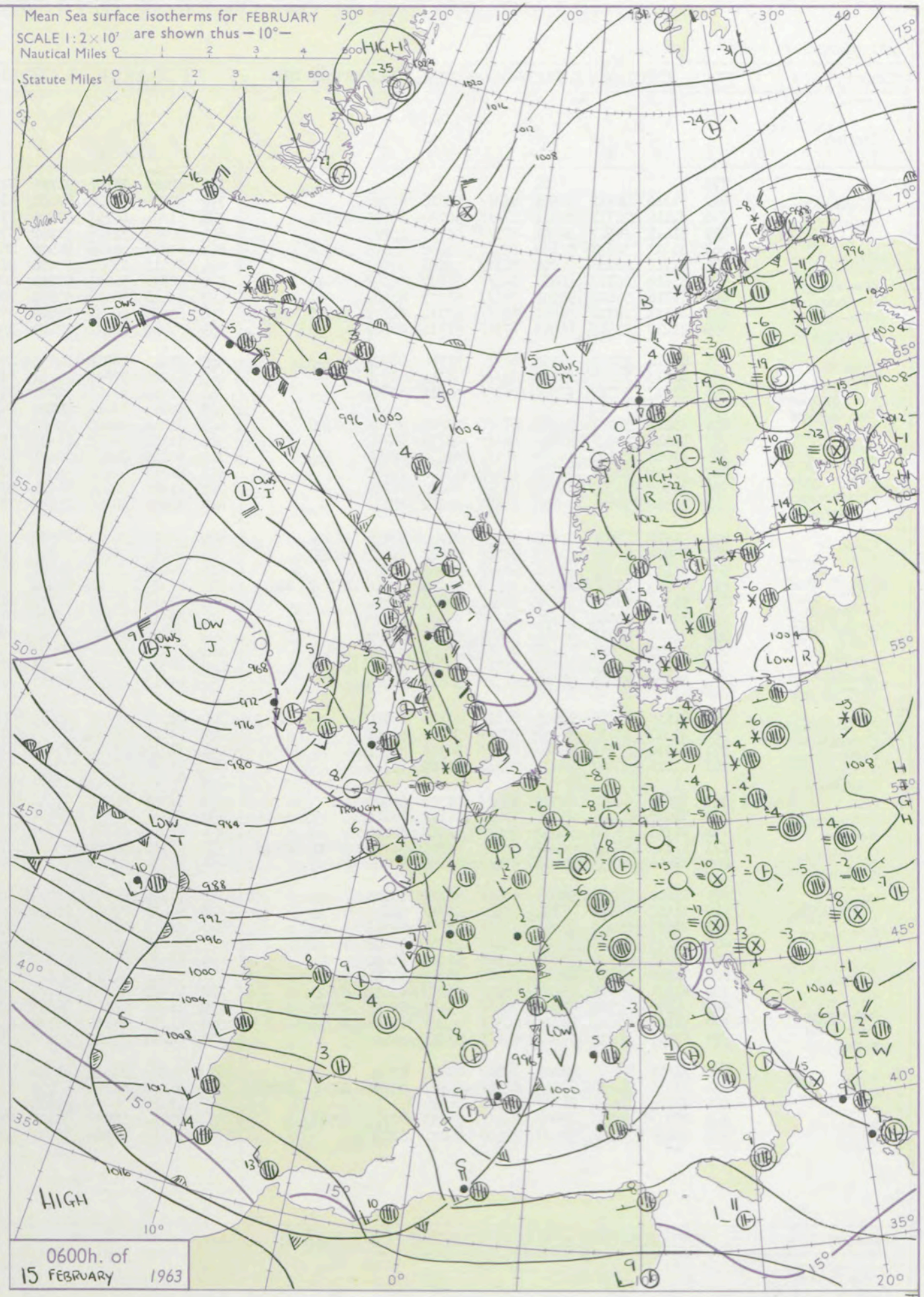
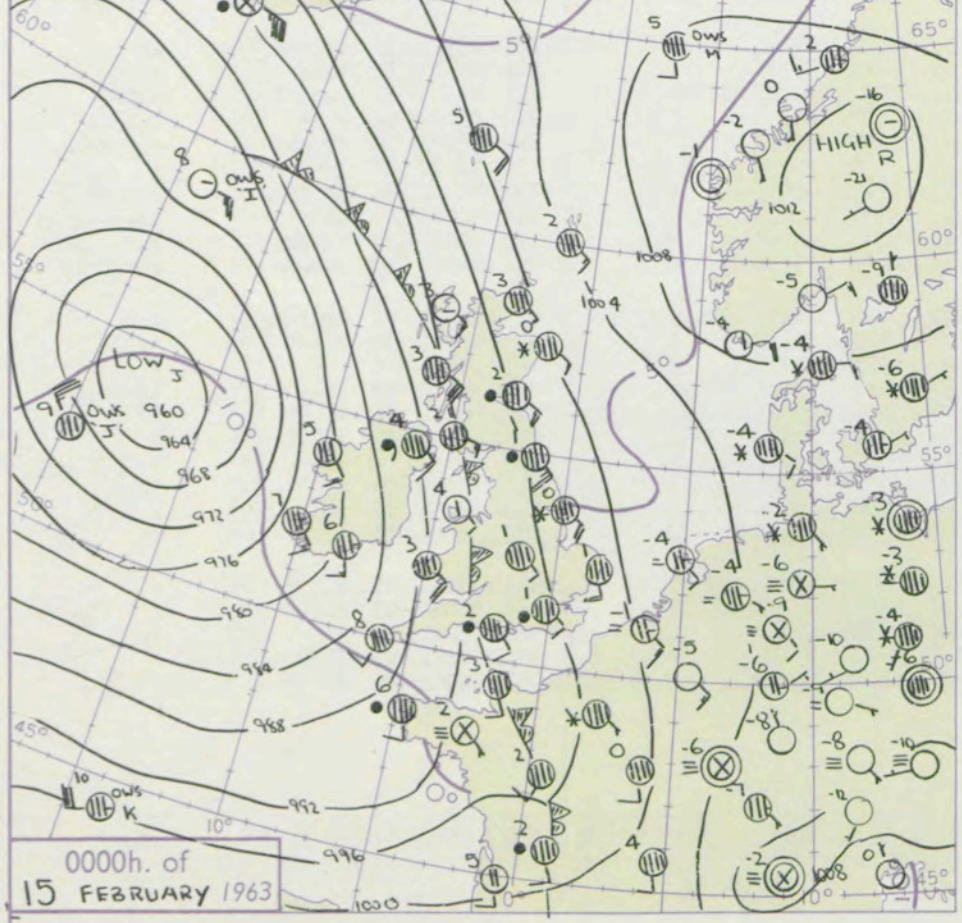






GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 15 February** 1963

The depression near Ship Juliett is beginning to fill but may be absorbed later by a development near Ship Charlie moving east. Minor systems will move east across Spain into the Mediterranean. The British Isles will continue to lie in a trough line running from Ireland across southern districts into the Continent. Pressure will remain relatively high to the north and east of the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

The marked thaw in the southwest will extend slowly across some southern districts preceded by further snow or sleet with snow on the high ground. Elsewhere it will be cloudy with sleet or snow at times. It will be cold or rather cold but near average temperatures in the southwest will extend slowly east over the extreme south.

OUTLOOK for following 24 hours.

Cold in the east and north with sleet or snow at times. Rain at times in south and southwest districts.

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

Code FM 11.A — OBSERVATIONS at 00h. 15 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775			02					
London Airport	772	81310	40617	94501	863//	50716	88708		
Gatwick	776	81414	28717	94801	872//	50720	84705	88711	
Thorney Island	871	81411	26587	94001	872//	01718	88703		
Hurn	862	81411	50637	93102	872//	01808	85703	88706	
Guernsey	894	81715	40026	92804	861//	03808	87702		
Wattisham	590	81414	26717	96851	854//	51820	85709	88618	
Gorleston	497	81718	56052	98901	855//	51717	88625		
Mildenhall	578	81511	28717	96501	855//	51714	82707	84710	88628
Cardington	559	81210	23517	94901	873//	51712	88707		
West Raynham	485	81314	23717	96950	873//	51712	88707		
Wittering	462	81513	15287	95450	862//	50713	88703		
Boscombe Down	746	81413	32717	93500	861//	00712	88701		
Ross-on-Wye									
Bristol	628	81211	58237	92301	862//	01805	83705	88706	
Aberporth	502	81418	48035	87803	862//	03705	88704		
Rhoose (Cardiff)	715	81011	28106	90701	861//	01602	88702		
Plymouth	827	11418	58011	88506	15600	05610	81630		
Chivenor	707	80909	59022	88905	863//	04703	88707		
St. Mawgan	817	61516	58031	86806	65600	05712	86632		
Culdrose	809	51512	62011	87507	555//	06710	83716	85625	
Scilly	804	82012	69026	85608	6551/	07502	86623	88450	
Elmdon	534	81412	48045	93001	863//	50604	88706		
Shawbury	414	81213	48587	91701	854//	01810	82706	86709	88614
Manchester	334	81316	58606	93002	864//	50805	88710		
Squires Gate	318	81521	40042	91502	863//	01707	88709		
Valley	302	21212	66011	88204	25600	01505	82630		
Ronaldsway	204	81223	56026	89103	855//	02802	83622	88633	
Carlisle	222	81107	56025	94103	855//	00705	82716	88623	
Watnall	354	81409	14227	94400	873//	50811	88708		
Spurn Head	396	81518	16717	96500	864//	00711	88710		
Finningley	360	81317	14717	95101	872//	50709	88705		
Dishforth	261	81310	07717	95600	871//	50707	88702		
Tynemouth	262	81423	32687	96201	874//	01707	88710		
Eskdalemuir									
Mull of Galloway	131	81620	60026	88502	874//	01706	88715		
Prestwick	135	81015	60026	92002	874//	51107	88717		
Renfrew	141	81115	58042	93402	854//	52500	88619		
Leuchars	171	81125	56687	96202	854//	01805	84710	86714	88618
Dyce	091	81516	11737	99700	854//	00604	87706	88615	
Wick	075	81420	80027	99503	856//	52703	88635		
Cape Wrath	049	11437	83021	89702	15500	52730	81625		
Sule Skerry	010	81237	66022	96403	874//	02704	88715		
Lerwick	005	81215	82027	04002	855//	53705	88628		
Stornoway	026	11216	66021	93003	15700	50004	81650		
Benbecula	022	71125	74012	89705	45672	00205	84631	86460	
Tiree	100	81131	59016	89103	855//	51203	82712	88620	
Aldergrove	917	81216	59506	87704	863//	03207	84706	88709	
Malin Head	980	81120	62022	86705	863//	03204	85709	88718	
Belmullet	976	61317	74021	78505	656//	03301	86630		
Birr	965	31308	70016	82405	35600	03103	83635		
Collinstown	969	81416	66025	89505	862//	04503	83705	86706	88707
Rineanna	962	01115	74018	80305	00900	04800			
Roches Point	952	71713	66038	82206	764//	05203	82715	87721	
Valentia	953	71415	74258	78407	79500	04001	87920		

OBSERVATIONS at 06h. 15 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	81410	33717	91701	873//	51710	88708		
London Airport	772	80909	40706	92001	863//	50611	83706	88708	
Gatwick	776	81006	44707	92200	872//	51613	84703	88706	
Thorney Island	871	80808	32106	91202	872//	02712	88705		
Hurn	862	80805	48106	90902	862//	01707	83703	88704	
Guernsey	894	91513	03606	90004	9/0//	03712	89/00		
Wattisham	590	80910	56027	94251	8091/	52613	88460		
Gorleston	497	81416	58052	95901	8091/	53612	88458		
Mildenhall	578	81206	50027	94600	857//	52610	88656		
Cardington	559	80910	48207	92600	854//	51612	88615		
West Raynham	485	81214	40017	94951	2562/	52707	82630	88459	
Wittering	462	81208	37027	93251	863//	52711	88706		
Boscombe Down	746	81210	07467	91000	860//	00710	88700		
Ross-on-Wye	627	80804	57022	89801	863//	01607	88708		
Bristol	628	81011	32102	90401	862//	01708	88703		
Aberporth	502	81418	58682	86003	854//	02607	82707	86617	88637
Rhoose (Cardiff)	715	90911	04434	89101	9/0//	01707	89/00		
Plymouth	827	81310	40806	86506	883//	06607	83808	88620	
Chivenor	707	81210	32636	86904	872//	04708	84703	88705	
St. Mawgan	817	71608	48018	85606	724//	06503	83705	87815	
Culdrose	809	32405	56102	86307	35500	06603	83630		
Scilly	804	22409	66030	85308	00901	07400	82075		
Elmdon	534	81005	23717	91301	872//	50708	85703	88704	
Shawbury	414	81309	32046	90401	873//	01708	88706		
Manchester	334	81112	32717	91701	864//	51807	88710		
Squires Gate	318	81318	37686	90301	873//	01705	83708	88712	
Valley	302	30804	66031	86801	30930	51708	83362		
Ronaldsway	204	71125	56022	88003	756//	01606	85708	87630	
Carlisle	222	80906	23717	93001	873//	50605	85709	88717	
Watnall	354	81213	23717	92950	874//	50606	88712		
Spurn Head	396	81519	32227	94650	864//	00708	88715		
Finningley	360	81112	18717	93450	872//	50708	88705		
Dishforth	261	81313	08737	93850	872//	50709	83704	88706	
Tynemouth	262	81423	37687	94901	8042/	01706	88515		
Eskdalemuir	162	90815	20717	93951	9/0//	52603	89/03		
Mull of Galloway	131	81624	60022	87402	874//	01401	88715		
Prestwick	135	80912	50717	90601	855//	50707	88623		
Renfrew	141	80914	56777	92202	855//	50605	88620		
Leuchars	171	81119	48687	94901	873//	00707	88708		
Dyce	091	81312	40687	98201	856//	50707	83710	88640	
Wick	075	71519	80017	98403	6567/	54706	86635	87460	
Cape Wrath	049	61437	83021	91402	655//	52711	86625		
Sule Skerry	010	81237	66022	96204	874//	00400	88715		
Lerwick	005	81216	82027	03002	855//	53602	83621	88630	
Stornoway	026	61318	61018	92904	4853/	50102	82825	84640	85360
Benbecula	022	71214	74012	90105	756//	01102	83635	87640	
Tiree	100	61129	59012	88103	55402	00808	85617	84072	
Aldergrove	917	81013	48025	86803	862//	01605	88704		
Malin Head	980	81118	48102	86104	863//	02201	88706		
Belmullet	976	61214	74022	79005	657//	03500	86656		
Birr	965	71308	74031	81506	785//	04604	82821	87633	
Collinstown	969	81420	62516	84804	862//	03802	83705	88707	
Rineanna	962	11116	74011	80105	15600	03501	81640		
Roches Point	952	71814	69038	82107	724//	06001	87819		
Valentia	963	41812	69808	78807	49500	05202	84920		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	92017	00	r_or_o	$s_os_or_os_os_or_s$
London Airport	772	01005	00	$r_os_or_or_o$	$s_os_or_os_o$
Gatwick	776	01006	50	i_s_o	r_os_o
Thorney Island	871	05005	50	$rsd_or_oi_r$	rri_r_o
Hurn	862	03015	01	$r_os_orrr_or_o$	$id_oifi_r_o$
Guernsey	894	05032	03	FF	$FFr_or_or_r$
Wattisham	590	92516	52	s_os_o	+
Gorleston	497	00001	51	+	+
Mildenhall	578	92505	51	$r_os_os_os_o$	+
Cardington	559	97505	50	$r_os_od_od_oi_os_o$	$s_os_oid_o$
West Raynham	485	96516	52	s_os_o	+
Wittering	462	95516	52	s_os_off	s_os_o
Boscombe Down	746	01507	51	s_os_o	ff
Ross-on-Wye	627	92016	00	$id_oi_r_o$	+
Bristol	628	01015	00	$r_or_or_os_o$	+
Aberporth	502	93035	01	+	$i_r_os_or_or_o$
Rhoose (Cardiff)	715	01015	01	if	ffiRrs
Plymouth	827	03051	03	+	$r_or_opr_o$
Chivenor	707	04042	04	+	RRrr
St. Mawgan	817	03051	05	id_or_o	pr
Culdrose	809	02051	03	$pr_or_or_o$	+
Scilly	804	95071	//	ir	+
Elmdon	534	01505	51	$d_od_or_os_o$	ssido
Shawbury	414	97015	00	$r_os_oid_od_or_o$	d_or_o
Manchester	334	91015	00	i_r_o	$s_os_oi_s_o$
Squires Gate	318	97015	00	$r_or_od_or_o$	$r_or_or_os_o$
Valley	302	01011	51	+	$i_ri_r_o$
Ronaldsway	204	00015	01	+	+
Carlisle	222	03517	51	$id_os_os_o$	s_os_oss
Watnall	354	01517	51	s_os_o	$i_s_os_os_o$
Spurn Head	396	03517	//	$ir_os_os_os

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36976

Date of Issue Saturday 16 February 1963

OBSERVATIONS at 12h. 15 February 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80909	12057	91002	873//	51707	88707		
London Airport	772	81108	16227	90902	855//	50708	83706	86709	88620
Gatwick	776	80908	37107	91301	873//	51705	82706	88708	
Thorney Island	871	80809	21106	90502	862//	01804	88704		
Hurn	862	80909	14606	90002	870//	02703	82701	85703	88704
Guernsey	894	81905	09446	89407	860//	07802	87700		
Wattisham	590	80912	48022	92950	5542/	52706	85615	88458	
Gorleston	497	71213	40052	94400	755//	52710	87624		
Mildenhall	578	81209	48022	93401	2647/	52807	82710	88462	
Cardington	559	80810	48057	92101	5641/	52805	85710	88458	
West Raynham	485	70916	48032	93501	56338	51706	85707	85362	87270
Wittering	462	81009	37042	93150	4631/	52706	84708	88460	
Boscombe Down	746	91010	04434	90000	9/0//	00706	89/01		
Ross-on-Wye	627	81009	48022	89901	863//	00104	88708		
Bristol	628	81012	20682	89702	861//	01603	84702	87703	88706
Aberporth	502	71419	66027	86703	6567/	02206	81710	85635	87359
Rhoose (Cardiff)	715	80912	06717	88900	861//	00811	88702		
Plymouth	827	70910	56028	87007	774//	06102	82707	84812	86618
Chivenor	707	70909	59616	87104	785//	04001	85707	86828	87633
St. Mawgan	817	71708	56801	86209	73304	07103	82709	87915	
Culdrose	809	42110	58050	86910	42400	07401	83606	83812	
Scilly	804	52205	66031	85709	584//	06204	82818	84625	
Elmdon	534	81010	20717	91100	873//	51001	86706	88708	
Shawbury	414	81008	17042	90801	862//	51103	83705	88709	
Manchester	334	81114	30717	92001	855//	52204	85710	88625	
Squires Gate	318	81222	32046	90503	854//	01202	86708	88615	
Valley	302	81003	61616	87405	855//	03205	84625	88640	
Ronaldsway	204	81129	35042	88902	863//	01205	88708		
Carlisle	222	80906	07717	93701	855//	51206	88620		
Watnall	354	81112	23037	92900	5631/	51801	85708	88460	
Spurn Head	396	61417	40022	94000	36410	52802	83715	85460	
Finningley	360	81011	48027	94101	36437	52000	83712	83360	88270
Dishforth	261	71214	48057	94700	754//	51204	84708	87618	
Tynemouth	262	81421	24737	95301	5732/	00307	85707	88525	
Eskdalemuir	162	81015	48717	94251	873//	51105	88707		
Mull of Galloway	131	81622	56022	88602	873//	00201	88706		
Prestwick	135	91014	28717	90801	9/0//	00205	89/08		
Renfrew	141	81012	16687	92701	854//	00203	82704	85707	88612
Leuchars	171	81127	50687	95901	5732/	00166	85710	88529	
Dyce	091	81312	56227	98701	855//	52305	82712	84622	88640
Wick	075	61517	80012	98904	3553/	53400	83625	85359	
Cape Wrath	049	41418	83032	95802	45500	52200	84625		
Sule Skerry	010	71224	74018	96904	885//	01202	85820	88625	
Lerwick	005	71312	69158	03701	784//	52203	83818	87632	
Stornoway	026	21125	80028	94304	11540	50007	81820		
Benbecula	022	31326	83011	90506	38401	51101	81818	83645	
Tiree	100	81126	62212	89603	7547/	00205	87618	88459	
Aldergrove	917	81215	19586	87703	862//	01104	82704	86705	88708
Malin Head	980	81220	32216	86504	863//	01305	87708	88645	
Belmullet	976	71312	80032	80507	764//	05209	85716	87645	
Birr	965	61309	69012	83008	685//	06105	85821	86633	
Collinstown	969	81514	48515	85404	861//	04102	82702	88706	
Rineanna	962	71515	74031	81408	784//	05103	84818	87640	
Roches Point	952	61615	72011	82708	48402	06101	81815	84634	86070
Valentia	953	81809	69808	79708	834//	05104	82715	88922	

OBSERVATIONS at 18h. 15 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80810	11057	89101	863//	51502	88706		
London Airport	772	80611	15047	88901	863//	51703	88707		
Gatwick	776	80608	16107	88901	873//	50604	88707		
Thorney Island	871	80707	18606	88501	863//	01501	88706		
Hurn	862	80605	09686	88501	871//	01303	84702	88704	
Guernsey	894	61705	40052	87307	33402	05501	84705	83912	
Wattisham	590	80808	26227	90751	873//	51506	87707	88710	
Gorleston	497	81115	40052	91900	6632/	52607	86709	88458	
Mildenhall	578	81106	37052	91800	16477	52502	81715	84362	88270
Cardington	559	80506	40247	90600	856//	52303	87709	88630	
West Raynham	485	80913	28022	91551	6552/	52703	85709	84620	88462
Wittering	462	80712	19042	91650	4631/	51400	84708	88462	
Boscombe Down	746	80910	14717	88900	862//	00500	88703		
Ross-on-Wye	627	80805	24707	88800	862//	50305	88705		
Bristol	628	80506	10717	88801	872//	00301	85703	88705	
Aberporth	502	71515	59026	86402	756//	00307	82715	87635	
Rhoose (Cardiff)	715	80714	07717	88000	861//	00303	88702		
Plymouth	827	80709	37808	86005	3241/	05305	87705	83815	
Chivenor	707	81010	23506	86404	872//	09306	86703	88706	
St. Mawgan	817	51109	56169	85305	49403	04303	84912		
Culdrose	809	31804	72020	85407	19406	05401	81916	83270	
Scilly	804	51704	59031	84708	38402	06504	81814	83620	
Elmdon	534	80710	32047	89750	856//	52605	84715	88645	
Shawbury	414	81007	28022	90300	855//	52303	85715	88625	
Manchester	334	70818	37047	91500	756//	53102	82715	83635	87650
Squires Gate	318	71020	30047	90800	2563/	52305	82645	86359	
Valley	302	80605	40046	87303	855//	01306	85628	88645	
Ronaldsway	204	80930	28042	09202	855//	51205	86709	88625	
Carlisle	222	81006	59037	93901	3557/	52302	81718	83625	88458
Watnall	354	80813	32042	91451	764/8	52501	87715		
Spurn Head	396	80918	40022	92800	5541/	52703	85615	88460	
Finningley	360	80910	40032	92800	764//	53301	87715		
Dishforth	261	80605	48052	94051	854//	53301	88619		
Tynemouth	262	81219	58027	95101	3742/	50302	83710	88528	
Eskdalemuir	162	80914	48367	94951	872//	53305	88705		
Mull of Galloway	131	71622	63012	90601	5637/	52215	85706	85360	
Prestwick	135	81018	56027	92301	4547/	53218	81625	84645	88459
Renfrew	141	80913	14717	93601	6632/	50207	83709	86712	88525
Leuchars	171	81122	58027	96101	855//	52208	83710	86620	88630
Dyce	091	71311	48268	98901	784//	51309	81708	83815	87635
Wick	075	71322	74028	99702	785//	53209	83820	87635	
Cape Wrath	049	40918	83022	94702	496//	54708	84930		
Sule Skerry	010	81118	81028	98204	885//	01205	85820	88625	
Lerwick	005	71009	74028	03901	784//	54306	83818	87628	
Stornoway	026	11217	80010	95903	11540	52314	81825		
Benbecula	022	71115	82021	92404	755//	51215	83622	87635	
Tiree	100	81127	61216	91303	7542/	50319	87618	88458	
Aldergrove	917	71118	17586	88702	754//	00312	86705	87618	
Malin Head	980	81225	32606	87603	864//	02211	87710	88645	
Belmullet	976	81014	78038	81607	864//	05211	86716	88638	
Birr	965	51108	80038	83407	535//	05315	83920	85640	
Collinstown	969	81213	32586	86403	861//	02311	82702	85703	88705
Rineanna	962	41411	74018	82007	385/1	04314	81820	83640	
Roches Point	952	71508	74032	82707	5857/	05305	81820	85640	87358
Valentia	953	81410	72808	80407	53503	04310	85920	88070	

OBSERVATIONS during DAY

Station	iii	RRT x T x E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97025	000	$r_0s_0i_0s_0$	+
London Airport	772	91021	000	$rsid_0i_0s_0$	+
Gatwick	776	97015	000	$i_0s_0s_0s_0$	i_0s_0
Thorney Island	871	97032	000	i_0r_0	$i_0r_0r_0s_0$
Hurn	862	03035	///	id_0rrdr	$d_0d_0r_0s_0$
Guernsey	894	05081	005	$ffd_0r_0rri_0r_0$	pR
Wattisham	590	97006	///	+	$i_0s_0s_0s_0$
Gorleston	497	00002	000	+	+
Mildenhall	578	00025	000	+	+
Cardington	559	91015	000	i_0s_0	$s_0s_0i_0r_0i_0s_0$
West Raynham	485	00015	000	+	+
Wittering	462	00016	000	+	+
Boscombe Down	746	92017	000	ff	$i_0r_0s_0ssis_0$
Ross-on-Wye	627	03017	000	+	i_0s_0ss
Bristol	628	03027	000	r_0s_0	s_0s_0ss
Aberporth	502	97045	000	ir_0	ir_0
Rhoose (Cardiff)	715	10017	000	rsssf	$ssssifr_0s_0$
Plymouth	827	03071	001	pr_0pr	$pr_0r_0r_0$
Chivenor	707	03051	000	rrr_0r_0	id_0
St. Mawgan	817	06101	000	ffpRHtlh	pr_0
Culdrose	809	00101	076	+	+
Scilly	804	00111	077	+	+
Elmdon	534	97015	000	$d_0d_0s_0s_0$	+
Shawbury	414	00015	000	+	+
Manchester	334	97023	000	s_0s_0	i_0s_0
Squires Gate	318	97035	000	i_0s_0	+
Valley	302	01051	000	$ir_0r_0r_0$	+
Ronaldsway	204	00035	000	+	+
Carlisle	222	01035	000	s_0s_0	+
Watnall	354	92007	000	s_0s_0	+
Spurn Head	396	00016	000	+	+
Finningley	360	00017	000	+	+
Dishforth	261	92007	000	s_0s_0	+
Tynemouth	262	04012	000	sss_0s_0	$s_0s_0r_0s_0$
Eskdalemuir	162	92509	000	s_0s_0ss	$s_0s_0shis_0$
Mull of Galloway	131	00021	///	/	/
Prestwick	135	02016	000	sss_0s_0	+
Renfrew	141	02025	000	$s_0s_0r_0s_0$	$s_0s_0i_0s_0$
Leuchars	171	02021	000	rsr_0s_0	+
Dyce	091	94027	001	$is_0pr_0s_0$	$psps_0$
Wick	075	97041	009	$ps_0pr_0s_0$	$pr_0s_0ps_0$
Cape Wrath	049	00030	///	+	+
Sule Skerry	010	91050	///	/	/
Lerwick	005	97023	000	ph_0s_0	ph_0ps_0
Stornoway	026	00051	046	+	+
Benbecula	022	00065	008	+	+
Tiree	100	97035	000	ir_0	$ir_0r_0s_0$
Aldergrove	917	95035	000	$d_0r_0d_0d_0dd$	id_0ir_0
Malin Head	980	97041	002	/	/
Belmullet	976	97101	011	/	/
Birr	965	92091	037	/	/
Collinstown	969	01051	000	/	/
Rineanna	962	95101	030	/	/
Roches Point	952	00081	023	/	/
Valentia	953	04101	006	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33012	60717	70022	81306	35606	00400	/////	/////	00104	14956	1////
B	60565	51012	81810	37717	82752	8042/	00212	88515	/////	05253	11457	1////
C	60528	35512	82530	63806	84905	885//	00224	85820	88640	05301	12548	1////
D	60440	41012	22930	69021	07608	21500	00122	82830	/////	06301	12746	1////
I	60590	18712	71030	97258	81608	795//	21214	82920	87630	05205	11247	11049
J	60523	19512	22932	98258	73509	29563	00005	81922	/////	05105	16962	18041
K	60451	14712	72816	65038	89211	784//	62012	85813	87640	05207	100/0	18054
M	63658	02012	82717	70028	04705	3252/	00814	83820	88450	05452	12832	12544

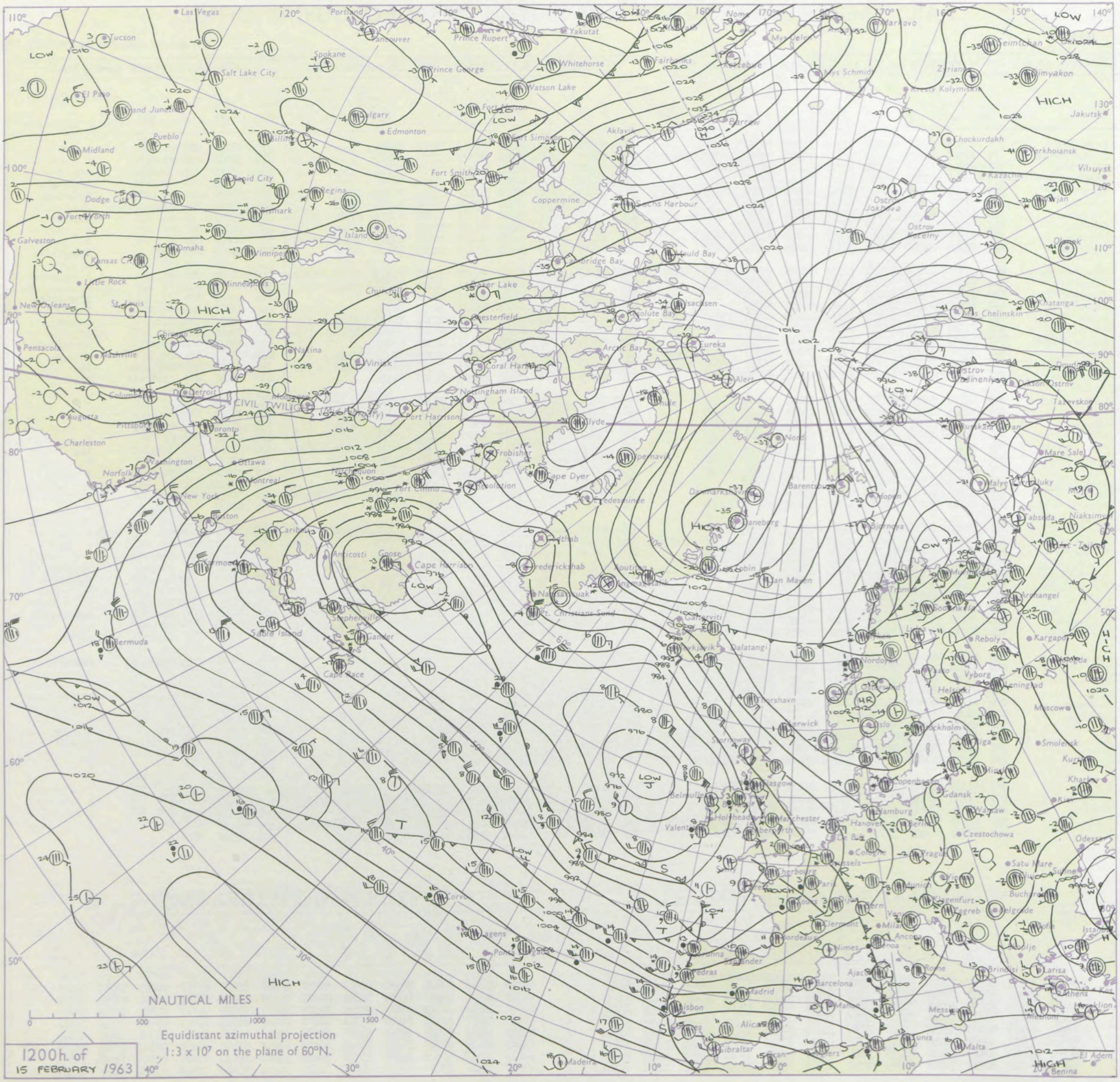
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33018	70724	74152	81907	59560	00400	/////	/////	00205	10756	1////
B	60565	51018	81405	65027	84601	32507	00203	83830	882//	05454	11259	1////
C	60528	35518	32529	69028	89405	32500	00227	83825	/////	05352	12749	1////
D	60440	41018	12712	69010	06711	11500	00610	81830	/////	05907	12746	1////
I	60590	18918	81027	97028	84908	885//	00325	83820	88650	05205	11036	16042
J	60523	19218	62827	98032	76409	42505	61218	84820	84270	05106	12956	12658
K	60453	15118	62823	58258	89511	68400	62314	85813	/////	05109	100/0	18050
M	63657	02118	83218	70022	04004	6252/	00701	83820	88450	05501	13232	12546

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Portland
Tucson
Vancouver
Prince Rupert
Yakutat
Spokane
Salt Lake City
Whitehorse
Fairbanks
Prince George
Watson Lake
El Paso
Grand Junction
Calgary
Edmonton
Fort Nelson
Fort Simpson
Pueblo
Midland
Billings
Aklavik
Barrow
Rapid City
Fort Smith
Regina
Dodge City
Coppermine
Bismarck
Fort Worth
Sachs Harbour
Galveston
Omaha
Winnipeg
Island Lake
Kansas City
Minneapolis
Gould Bay
Cambridge Bay
Little Rock
Baker Lake
Churchill
Isachsen
New Orleans
St. Louis
Chicago
Westerfield
Eureka
Pensacola
Nashville
Nakina
Arctic Bay
Vinlok
Coral Harbour
Detroit
Nottingham Island
Columbia
Alert
Augusta
Pittsburgh
Toronto
Port Harrison
Hall Hyde
Charleston
Frobisher
Ottawa
Upernavik
Washington
Cape Dyer
Norfolk
Montreal
Resolution
New York
Fort Chimo
Boston
Caribou
Anticosti
Goose
Cape Harrison
Fredericksdhab
Nanisivik
Pt. Christians Sund
Sable Island
Stephenville
Gander
Bermuda
Cape Race
Reykjavik
Galtarviti
Dalatangi
Thorshavn
Lerwick
Stornoway
Glasgow
Belmullet
Holyhead
Manchester
Valentia
Hamburg
Hanover
Berlin
Cologne
Prague
Czestochowa
Gdansk
Warsaw
Brussels
Cherbourg
Paris
Munich
Vienna
Klagenfurt
Zagreb
Belgrade
Bordeaux
Milan
Ancona
Nimes
Genoa
Rome
Brindisi
Barcelona
Ajaccio
Madrid
Lisbon
Malaga
Gibraltar
Alicante
Tunis
Malta
Benina
Athens
Larisa
Messina
Odessa
Satu Mare
Suceava
Bucharest
Belgrade
Sofia
Istanbul
Kos
Mare Sale
Dikson Ostrov
Taymyrskoye
Ostrov Kotelny
Ostrov Jokhova
Ostrov Belanlyy
Verkhoiansk
Zyrianka
Kresty Kolymiskiy
Chokurdakh
Vilyuysk
Olenek
Yakutsk
Tabseda
Niaksimvol
Archangel
Reboly
Kargapol
Nordoyan
Vyborg
Leningrad
Helsinki
Moscow
Smolensk
Kharkov
Kursk
Kiev
Odessa
Lvov
Tatanga
Mys Schmidta
Barentsburg
Hopen
Bjornoya
Jan Mayen
Danmarkshavn
Kap Farvel
Ammassalik
Angmagssalik
Julianehab
Aputiteq
Narssarssuaq
Godthab
Ivigtut
Tromso
Sodankula
Kayes
Mys Schmidta
Anadyr
Markovo
Zeimchan
Olimyakon
Khatanga
Mys Chelinskin
Ostrov Belanlyy
Ostrov Dikson
Ostrov Sibiryakova
Ostrov Belyy
Ostrov Vaygach
Ostrov Kolguyev
Ostrov Dolgiy
Ostrov Kolguyev
Ostrov Kolguyev
Ostrov Kolguyev

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

OUD
Cloud Amount (oktas)
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1 or less
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3
4
5
6
7 or more
8
obscured

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and snow
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shower
and snow
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shower
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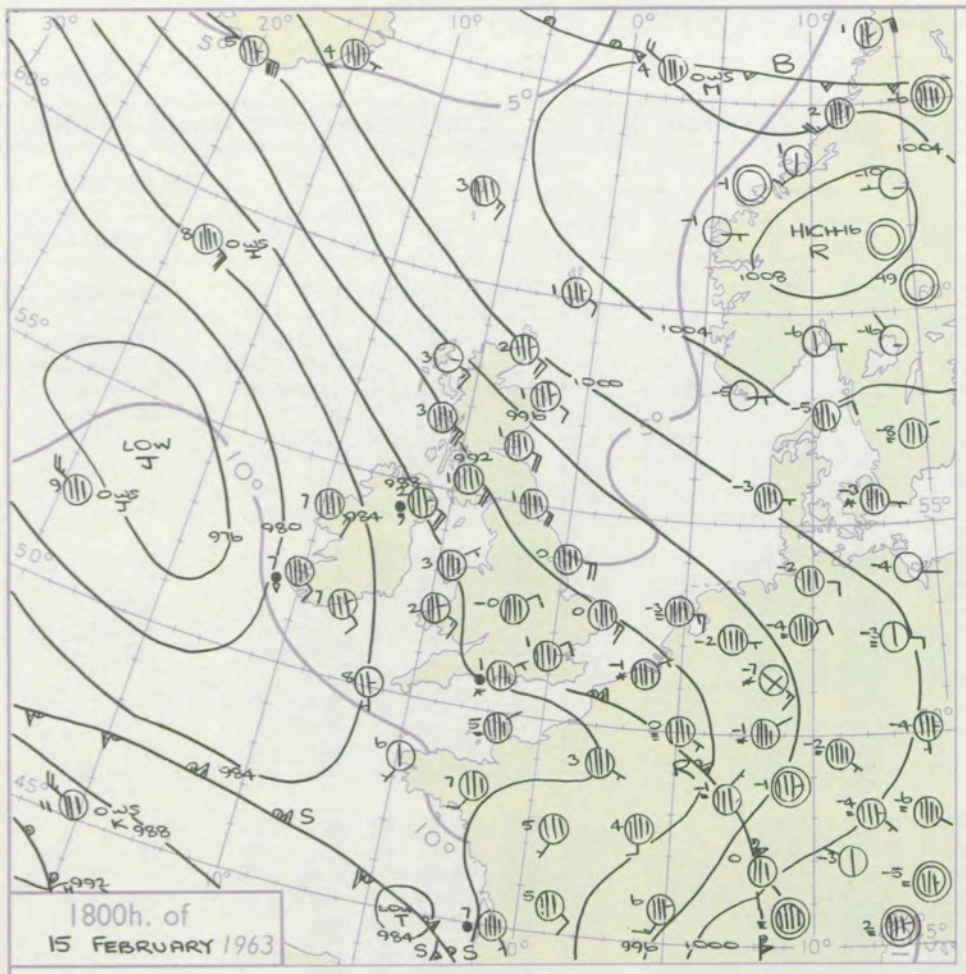
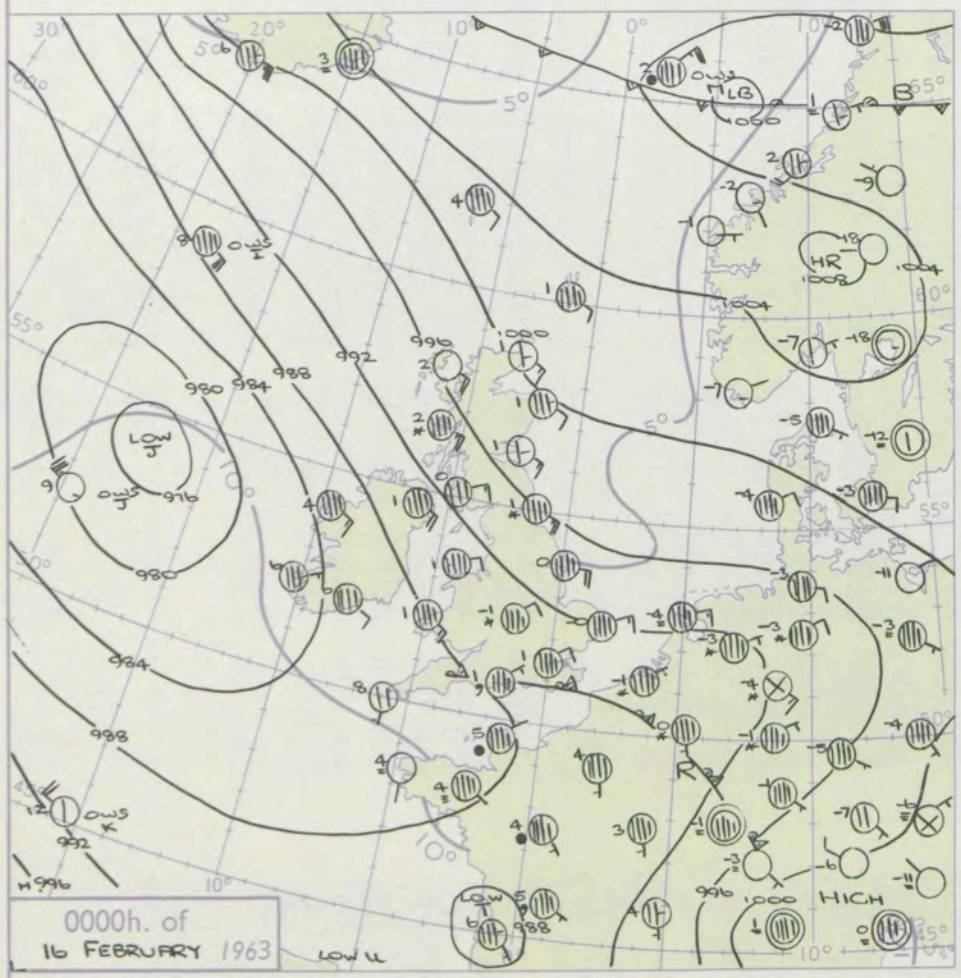
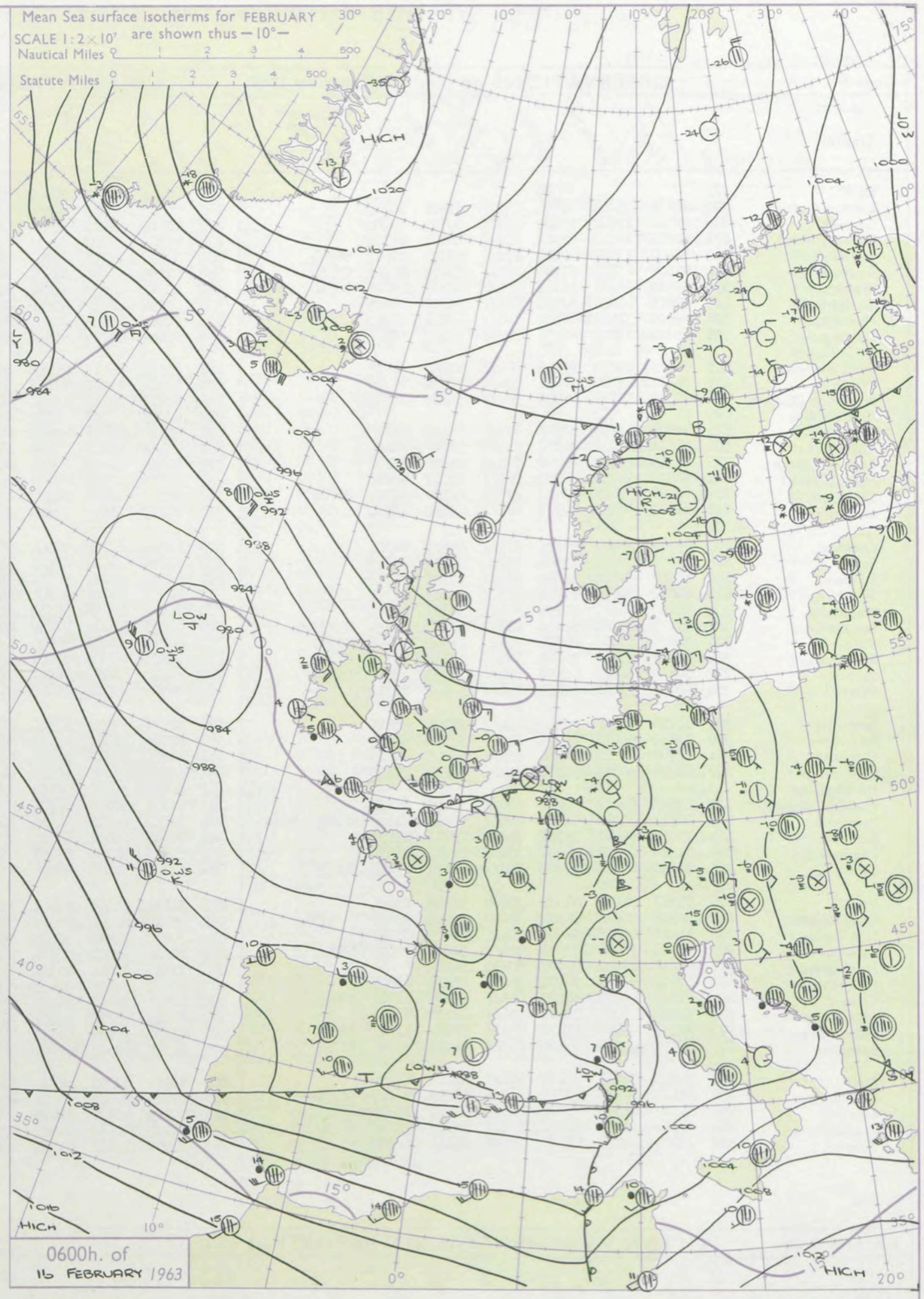
IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
her add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Saturday 16 February** 1963

The depression to the west of Ireland has been filling steadily. A broad trough of low pressure extending from the depression has been maintained across France to central Germany. Minor low pressure systems have been moving east across Spain and the Mediterranean. A depression will move east with steady deepening across the north Atlantic and will be approaching Ireland tomorrow.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

A very cold and cloudy east to northeast airstream will cover most of the British Isles. Temperatures will remain near freezing for the rest of today and frost – mainly slight – will be general tonight. Snow showers will occur in many places, chiefly in eastern and central areas and on windward slopes of high ground.

OUTLOOK for following 24 hours

Probably little change over much of the country.

Code FM 11.A **OBSERVATIONS at 00h.** 16 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775			00					
London Airport	772	80610	25042	98701	862//	51501	88705		
Gatwick	776	80506	17507	89500	861//	50701	88702		
Thorney Island	871	80504	15717	89001	873//	00201	88706		
Hurn	862	80407	19507	89101	872//	00205	83703	88704	
Guernsey	894	71506	63108	87505	784//	05602	84812	87626	
Wattisham	590	80610	28227	91151	854//	52502	83706	86710	88618
Gorleston	497	80815	48052	92150	855//	52401	88625		
Mildenhall	578	80909	37052	92250	864//	53102	88713		
Cardington	559	80310	17717	91251	873//	51203	88708		
West Raynham	485	80715	40022	92351	864//	53202	88712		
Wittering	462	80811	23042	92251	864//	53104	88710		
Boscombe Down	746	80708	11717	89550	862//	51400	88703		
Ross-on-Wye	627								
Bristol	628	80508	11717	90510	872//	50104	88703		
Aberporth	502	81514	58021	88001	855//	51207	88626		
Rhoose (Cardiff)	715	81715	19707	89000	861//	00304	88702		
Plymouth	827	80810	19638	87503	861//	03007	88702		
Chivenor	707	81009	32605	87602	873//	02206	86706	88708	
St. Mawgan	817	81012	32101	86703	861//	03400	88702		
Culdrose	809	80712	37404	86605	862//	05803	88704		
Scilly	804	41806	79031	85308	45400	06610	84615		
Elmdon	534	80608	37702	91351	864//	52106	88710		
Shawbury	414	80814	32032	91751	864//	53205	85712	88715	
Manchester	334	80811	56047	92751	854//	54107	88619		
Squires Gate	318	71121	40041	92650	45502	54108	84625	85072	
Valley	302	80808	57047	89301	4567/	51209	84644	88460	
Ronaldsway	204	70931	25042	91701	755//	53113	82716	87621	
Carlisle	222	70812	58227	95501	756//	52303	83718	86630	
Watnall	354	80713	32022	93151	864//	53107	88710		
Spurn Head	396	80918	58032	93400	854//	53104	88615		
Finningley	360	80808	56022	94051	854//	53304	88619		
Dishforth	261	80707	63022	95451	855//	53001	88629		
Tynemouth	262	81223	58717	96601	8062/	52107	88530		
Eskdalemuir									
Mull of Galloway	131	51422	66012	92601	556//	53209	85630		
Prestwick	135	60813	60012	94300	655//	53213	81622	83627	85650
Renfrew	141	71015	59047	95701	756//	53107	87637		
Leuchars	171	31316	66011	97201	35600	51303	83632		
Dyce	091	71210	66028	99701	784//	64101	81815	87635	
Wick	075	31317	74031	01101	35600	52303	83635		
Cape Wrath	049	30718	86010	98502	35600	55204	83630		
Sule Skerry	010	81118	66858	99403	864//	00203	88715		
Lerwick	005	81008	74278	03901	884//	54803	82818	88640	
Stornoway	026	01018	82021	98802	00900	54122			
Benbecula	022	30912	83021	96101	35600	53219	83635		
Tiree	100	81027	48707	94202	855//	52209	81712	88623	
Aldergrove	917	81022	48221	91301	854//	52110	88615		
Malin Head	980	81130	56706	91402	8_4//	52121	83712	88622	
Belmullet	976	81117	62258	05104	863//	04216	85706	88718	
Birr	965	31005	74011	86404	35600	03212	83635		
Collinstown	969	81112	18586	89002	862//	01213	84703	88704	
Rineanna	962	81117	62506	84505	863//	05211	83708	88716	
Roches Point	952	81211	66031	84206	853//	06206	83707	88630	
Valentia	953	70703	74258	83306	73500	04112	87920		

OBSERVATIONS at 06h. 16 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
775	80613	29707	90600	863//	53304	88706		
772	80513	37045	90500	864//	51208	88710		
776	80410	21225	89950	863//	50104	88707		
871	80412	19207	89501	873//	00206	88706		
862	80307	19105	89401	862//	00400	85704	88707	
894	21208	50284	87904	16240	04101	81704		
590	80511	40022	91551	864//	53205	88710		
497	80816	48052	92650	855//	53307	88623		
578	80809	48022	92651	864//	54204	88714		
559	80411	40717	91951	874//	53205	88714		
485	80516	58012	92851	864//	54306	88714		
462	80714	48022	93051	864//	54206	88713		
746	80713	14717	90351	862//	51205	88703		
627	80705	17707	91451	862//	52207	88705		
628	80610	15717	90851	872//	52107	88703		
502	71112	58012	89400	5563/	53206	85635		
715	80716	19057	89951	862//	51206	88705		
827	80713	27026	87620	862//	01302	88703		
707	80912	48026	88402	872//	01102	88705		
817	81217	23102	87003	861//	03313	88701		
809	80811	28205	86904	862//	04301	88703		
804	81004	66616	85006	854//	06400	88613		
534	80712	59027	92251	854//	53306	88616		
414	80913	48022	92951	864//	54209	82713	88716	
334	30812	59021	93351	15501	54304	81624		
318	81019	56041	93650	855//	52207	83620	88627	
302	80813	57042	91200	856//	52314	85631	88647	
204	70933	61022	92901	6557/	54308	86623	86460	
222	70715	59017	96351	755//	54307	85624	87635	
354	80709	48012	93452	00907	54203	88275		
396	80916	57022	93801	864//	53204	88715		
360	80000	40772	94651	874//	53303	88713		
261	80709	59717	95751	855//	53305	88624		
262	81021	66027	96701	8062/	51305	88360		
162	70404	50022	98154	756//	57306	87630		
131	81215	74022	94701	875//	51213	88720		
135	30811	66011	95551	35700	54310	83650		
141	70809	66031	97151	756//	53310	87637		
171	50820	74158	97801	58500	51302	83822	83637	
091	81202	59028	00601	856//	52207	88634		
075	71116	74268	01601	734//	52003	83915	87630	
049	50718	86028	00601	3854/	52211	83825	85360	
010	30913	81018	01203	25530	52205	82625		
005	70000	82022	04001	756//	54400	87637		
026	11016	82020	00301	15640	53311	81635		
022	01017	83010	97601	00900	54313			
100	50921	62017	96101	555//	55211	81628	85643	
917	71215	62022	93201	754//	51214	81615	84623	87630
980	81221	56107	93302	855//	52311	88622		
976	81219	62018	87802	863//	01211	85707	87716	88635
965	81007	62021	88703	864//	01314	88712		
969	80814	32506	90601	864//	51211	88713		
962	80913	48506	87104	862//	03215	82704	86706	88708
952	81205	62636	96305	874//	05212	88712		
953	50906	74021	84904	25602	03209	82630	85070	

OBSERVATIONS during NIGHT

iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97505	50	+	$is_0s_0s_0$
772	97501	51	id_0	is_0
776	97505	51	$id_0is_0d_0d_0$	$id_0d_0d_0is_0$
871	02006	50	$r_0s_0s_0ss_0s_0d_0d_0$	$r_0r_0d_0d_0is_0$
862	01505	51	$d_0d_0s_0s_0$	$d_0d_0is_0$
894	04031	00	pRpr	ffFF
590	91527	52	s_0s_0	+
497	00513	52	+	+
578	00515	51	+	+
559	95517	51	s_0s_0	s_0s_0
485	00525	52	+	+
462	00515	53	+	+
746	02517	52	s_0s_0	s_0s_0
627	02527	51	s_0s_0	iss_0s_0
628	03517	51	sss_0s_0	s_0s_0
502	00005	51	+	+
715	97517	51	$s_0s_0ffis_0$	is_0
827	02021	01	pr_0RR	+
707	97011	00	ir_0	ir_0
817	93021	02	+	ir_0
809	06032	03	FF	rr
804	08052	//	ir_0	rr
534	97525	53	s_0s_0	+
414	00525	52	+	+
334	97513	53	is_0	+
318	00525	54	+	+
302	97513	52	is_0	+
204	00015	51	+	+
222	97516	53	$is_0s_0s_0$	is_0
354	97537	54	+	is_0
396	79005	//	+	is
360	91519	54	+	is_0
261	97527	52	s_0s_0	s_0s_0
262	92005	51	s_0s_0	ps_0
162	93559	57	is_0ks	is_0ss
131	00001	//	/	/
135	00526	54	+	+
141	97515	52	+	is_0
171	92505	51	ps_0	ps_0ph_0ph
091	01519	52	ps_0ps	$psps_0$
075	01505	50	+	ph_0
049	97001	//	+	ps_0
010	91011	00	/	/
005	97503	55	ps_0ph_0	+
026	00010	53	+	+
022	00005	53	+	+
100	97015	52	is_0	+
917	97505	52	is_0	+
980	97021	01	/	/
976	01021	01	/	/
965	00021	01	/	/
969	01011	00	/	/
962	91031	03	/	/
952	09051	03	/	/
953	93031	00	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33000	71024	70028	87107	755//	00226	/////	/////	00205	11056	1////
B	70565	51000	81406	63707	84350	4142/	00802	83815	88460	05654	10459	1////
C	70528	35500	62523	69021	93304	45502	00008	84625	/////	05502	12649	1////
D	70440	41000	42324	69020	02613	41500	00730	84830	/////	05208	12446	1////
I	70590	18900	81030	97022	88208	857//	21216	88650	/////	05205	11048	1////
J	70524	19700	12933	98020	79109	12500	61220	81820	/////	05206	12956	12658
K	70454	15700	22820	60258	91312	22400	62003	82816	/////	05007	100/0	13057
M	73657	02000	80425	65607	04002	6732/	11500	86708	88440	05850	10434	12544

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_0L_0L_0GG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33006	40922	74022	90407	45600	00213	/////	/////	00205	10955	1////
B	70565	51006	61114	65027	80000	12578	00719	81820	862//	05556	10758	1////
C	70570	35506	22518	69020	87703	22500	00108	82820	/////	05452	12546	1////
D	70440	41006	82038	59808	92415	834//	00637	88915	/////	00213	16040	1////
I	70589	18706	81027	98022	91308	886//	00217	83825	88645	05304	16042	1////
J	70525	20106	63039	98251	81509	5346/	61009	85918	/////	05105	12959	12658
K	70451	15106	72826	60258	94011	735//	32213	83820	87633	05207	12745	13058
M	73658	02206	70221	70022	05301	78440	11004	82810	86630	06155	10233	12543

CONVE TAB

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36977

Date of Issue Sunday 17 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 16 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775	80413	20707	93300	873//	53313	86707	88712	
London Airport	772	80515	31777	93750	854//	53104	88611		
Gatwick	776	80409	17102	93450	862//	52216	84704	88707	
Thorney Island	871	80415	19057	92801	863//	51213	88706		
Hurn	862	80311	26107	92601	863//	51114	86707	88710	
Guernsey	894	80910	14284	91404	860//	03216	83700	88701	
Wattisham	590	80408	40012	93951	854//	53108	83712	88618	
Gorleston	497	80616	56052	94300	855//	51209	88621		
Mildenhall	578	70711	58012	94801	754//	54109	85618	87625	
Cardington	559	80311	48027	94700	855//	53212	88620		
West Raynham	485	70315	40151	94900	724//	53110	87815		
Wittering	462	70615	48032	95700	784//	52116	84815	87635	
Boscombe Down	746	80611	32227	93751	863//	51214	88708		
Ross-on-Wye	627	80510	48027	94650	863//	54112	88708		
Bristol	628	80511	28057	94350	855//	53214	83706	88620	
Aberporth	502	71008	61032	93201	756//	53219	85635	87650	
Rhoose (Cardiff)	715	70616	20707	93551	754//	52113	84708	85615	87620
Plymouth	827	80714	19042	91002	862//	01215	82703	88706	
Chivenor	707	80914	48022	91902	862//	51215	83704	88710	
St. Mawgan	817	81014	19616	89903	871//	02114	84702	88705	
Culdrose	809	80716	10586	90003	871//	03211	85702	88705	
Scilly	804	70809	24606	88807	784//	06225	85705	83812	
Elmdon	534	70609	50042	95000	585/6	55210	83712	84820	86075
Shawbury	414	70811	57032	95900	725//	53112	87822		
Manchester	334	70716	40041	96501	51502	53214	81715	85823	85075
Squires Gate	318	50919	56041	96701	28401	52114	82818	84072	
Valley	302	60817	56042	94303	25731	53213	82650	84360	86075
Ronaldsway	204	70926	61022	96752	62501	54215	86823	84075	
Carlisle	222	60808	61268	99650	685//	52110	81717	86625	
Watnall	354	70612	56037	96251	724//	53212	82817	87820	
Spurn Head	396	50915	48017	96700	515//	54216	85820		
Finningley	360	50608	58017	97351	00908	54110	85272		
Dishforth	261	20610	56057	98400	15531	53011	81625		
Tynemouth	262	70918	58157	99300	4341/	50210	84918	87459	
Eskdalemuir	162	70707	62027	00551	756//	54113	87636		
Mull of Galloway	131	71415	81012	97901	5253/	52217	85820	84360	
Prestwick	135	20808	62030	99201	21502	53112	82823		
Renfrew	141	60912	37047	00101	685//	53211	84822	83635	
Leuchars	171	70511	66268	01001	32431	51211	81708	83818	
Dyce	091	70904	69158	02901	785//	54209	82820	87635	
Wick	075	70810	82028	04102	755//	53210	82625	87630	
Cape Wrath	049	60718	83018	03402	655//	01213	86625		
Sule Skerry	010	71109	84038	04103	755//	53216	87625		
Lerwick	005	10406	87021	05403	11501	55104	81822		
Stornoway	026	31013	83268	03803	32500	53115	83824		
Benbecula	022	30916	82030	01503	31500	54215	83825		
Tiree	100	41116	62261	00702	28402	52218	81816		
Aldergrove	917	71012	56858	97201	684//	51221	81710	85818	
Malin Head	980	61124	69022	97602	525/2	53219	85823	86070	
Belmullet	976	71118	56102	92704	764//	01221	84717	87647	
Birr	965	70910	66022	93303	764//	00220	85715	87632	
Collinstown	969	80913	50105	94802	864//	52218	88718		
Rineanna	962	81017	48106	91704	864//	01221	83711	88715	
Roches Point	952	81014	40106	90805	863//	03220	88707		
Valentia	953	71011	80802	89208	73400	04220	82718	85923	87638

OBSERVATIONS at 18h. 16 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$
Kew	775	80511	29057	96001	864//	53315	88712		
London Airport	772	80310	40037	96001	855//	53315	87622	88650	
Gatwick	776	80307	30102	95350	855//	53214	85708	87712	88620
Thorney Island	871	80507	20052	95501	7643/	52217	87710	88359	
Hurn	862	80307	22102	95200	863//	52314	87706	88708	
Guernsey	894	80812	12586	93403	860//	03314	84701	88703	
Wattisham	590	70308	40057	96051	655/2	53214	82712	86620	85075
Gorleston	497	80718	56052	95900	855//	52212	88622		
Mildenhall	578	70505	48022	96900	784//	52217	84818	87625	
Cardington	559	80108	40022	96550	855//	51317	88625		
West Raynham	485	80513	48018	97150	854//	52316	84615	88640	
Wittering	462	80511	18108	97651	884//	52317	85814	88618	
Boscombe Down	746	80505	40052	96250	856//	53317	86710	88630	
Ross-on-Wye	627	80605	48022	96650	863//	54217	88708		
Bristol	628	80508	48052	96951	855//	53316	83707	88623	
Aberporth	502	60210	61022	96000	65600	53221	83635	86650	
Rhoose (Cardiff)	715	80715	32057	96150	856//	53218	87630		
Plymouth	827	80714	11707	93901	872//	50220	88704		
Chivenor	707	80908	28022	94901	856//	52219	85710	88630	
St. Mawgan	817	80917	15216	92901	854//	01218	82703	84707	88612
Culdrose	809	80717	11616	92803	871//	02220	85702	88706	
Scilly	804	71115	40012	91205	763//	05219	87707		
Elmdon	534	80410	40048	97151	855//	53214	86715	88620	
Shawbury	414	70512	40042	98351	65502	53315	85625	85645	85070
Manchester	334	70512	40042	98850	55632	53317	85630	85075	
Squires Gate	318	70811	48041	99351	785//	53318	87822		
Valley	302	40711	48041	98000	15601	53225	81645	84075	
Ronaldsway	204	40822	61012	99201	32501	53316	83822		
Carlisle	222	70408	48038	01851	785//	52213	82825	85635	87645
Watnall	354	80708	48032	98451	855//	53217	88625		
Spurn Head	396	80812	58032	98100	854//	52212	88615		
Finningley	360	80307	56268	99351	855//	53316	83715	88620	
Dishforth	261	70305	59051	00353	7463/	55317	82630	86650	
Tynemouth	262	60716	61028	01101	656//	54313	86630		
Eskdalemuir	162	20506	62017	02854	28500	56317	81825		
Mull of Galloway	131	40916	66021	00700	32530	00228	83825		
Prestwick	135	10606	62027	01651	15540	54312	81625		
Renfrew	141	70608	37048	02701	755//	52217	82625	87640	
Leuchars	171	70614	70038	02901	784//	55212	82818	87625	
Dyce	091	53501	62031	05053	55540	56214	85625		
Wick	075	20711	89018	06001	25500	53210	82620		
Cape Wrath	049	60509	88028	05202	6854/	53211	36825	84358	
Sule Skerry	010	60505	85012	05603	4563/	53209	84630	86360	
Lerwick	005	13405	87011	05852	18501	55206	81822		
Stornoway	026	10913	89021	05702	12500	53213	81827		
Benbecula	022	30913	83030	04301	35600	55214	83630		
Tiree	100	70811	82028	03302	785//	54215	81820	87640	
Aldergrove	917	50910	58038	00301	58500	53220	82820	84630	
Malin Head	980	80929	80268	01202	885//	54222	86822	88640	
Belmullet	976	61114	58102	97302	5643/	52237	83715	85645	86361
Birr	965	80608	62022	97302	864//	51325	85715	88632	
Collinstown	969	80813	40102	98002	865//	52219	86720	88630	
Rineanna	962	80911	48102	95804	864//	00225	84714	88620	
Roches Point	952	81015	40102	94604	863//	01226	88708		
Valentia	953	80909	56058	93505	864//	03326	85718	88632	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97015	000	is_0	+
London Airport	772	97011	000	is_0	is_0
Gatwick	776	00015	000	+	+
Thorney Island	871	00025	000	+	+
Hurn	862	97015	///	is_0	+
Guernsey	894	02041	000	$FFid_0r_0r_0$	$r_0r_0d_0r_0$
Wattisham	590	97006	///	+	is_0
Gorleston	497	00013	000	+	+
Mildenhall	578	00025	004	+	+
Cardington	559	97015	001	+	id_0
West Raynham	485	97015	018	ps_0	ps_0is_0
Wittering	462	97015	011	is_0ps_0	ps_0
Boscombe Down	746	97007	000	is_0	+
Ross-on-Wye	627	00007	000	+	+
Bristol	628	00507	000	+	+
Aberporth	502	00015	000	+	+
Rhoose (Cardiff)	715	97007	000	is_0	+
Plymouth	827	92036	000	ir_0s_0	s_0s_0ss
Chivenor	707	00021	000	+	+
St. Mawgan	817	04032	000	r_0r_0	$rrr_0r_0is_0$
Culdrose	809	07042	000	r_0r_0dr	r_0r_0
Scilly	804	93081	008	ir_0	+
Elmdon	534	97015	021	+	is_0ps_0
Shawbury	414	00015	009	+	+
Manchester	334	00013	010	+	+
Squires Gate	318	00025	032	+	+
Valley	302	00033	043	+	+
Ronaldsway	204	00025	028	+	+
Carlisle	222	97016	041	is_0ps_0	ps_0
Watnall	354	97007	000	is_0	+
Spurn Head	396	00015	035	+	+
Finningley	360	95017	025	s_0s_0	ps_0
Dishforth	261	97017	063	s_0s_0	is_0
Tynemouth	262	95015	013	ps_0	ps_0
Eskdalemuir	162	92517	031	sss_0s_0	s_0s_0ss
Mull of Galloway	131	00011	///	/	/
Prestwick	135	97025	066	+	is_0
Renfrew	141	97025	029	is_0ps_0	+
Leuchars	171	01025	011	ps_0pSlf	ps_0pS
Dyce	091	00039	049	+	+
Wick	075	91031	036	ps_0ph	+
Cape Wrath	049	97031	///	pr_0	+
Sule Skerry	010	00030	///	/	/
Lerwick	005	00033	071	+	+
Stornoway	026	97040	049	ps_0	+
Benbecula	022	00055	076	+	+
Tiree	100	91035	012	ps_0	ph_0
Aldergrove	917	97025	007	$r_0s_0ps_0$	+
Malin Head	980	9703/	056	/	/
Belmullet	976	0004/	006	/	/
Birr	965	0004/	000	/	/
Collinstown	969	9102/	000	/	/
Rineanna	962	9705/	000	/	/
Roches Point	952	0105/	000	/	/
Valentia	953	9708/	016	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33012	50926	70018	91907	55600	00004	/////	/////	00204	10956	1////
B	70565	51012	80609	63027	78400	35504	00712	83625	880//	05552	10857	1////
C	70570	35512	71622	69152	87404	64505	00817	86820	/////	05553	14976	1////
D	70440	41012	63228	63809	97312	6266/	00227	86830	/////	05305	13059	1////
I	70590	18912	71025	97258	97307	785//	00231	83822	87640	05401	16042	1////
J	70523	19712	83035	97258	84509	8941/	00003	88915	/////	05208	12959	17661
K	70451	15512	63235	60258	00310	63500	61235	82820	83920	05406	18040	12745
M	73659	02312	73624	75278	06202	79400	81104	84915	86620	06053	13645	1////

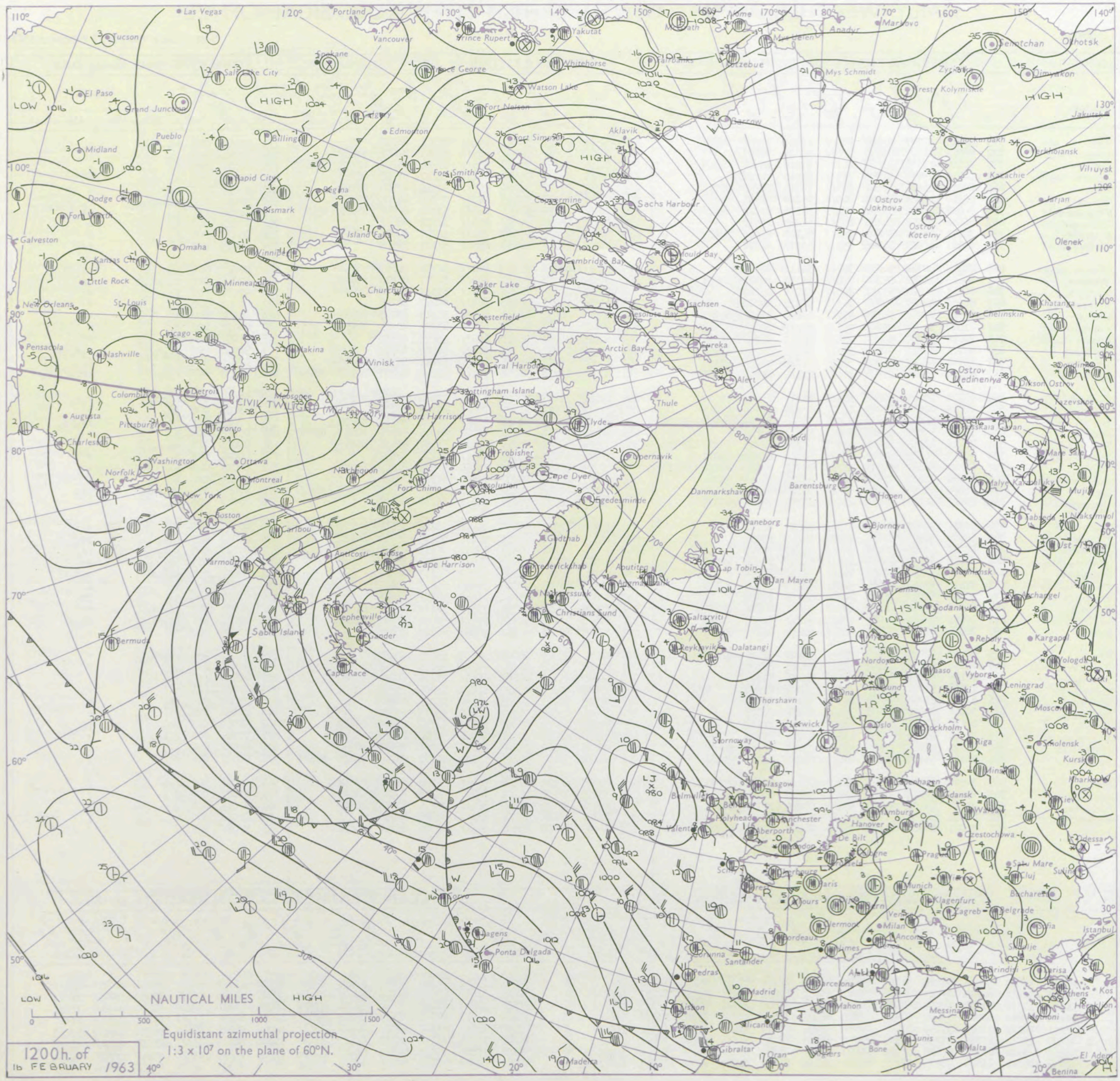
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_sh_sh_s$	$8N_sC_sh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33018	71326	70808	92206	59460	00215	/////	/////	00004	11267	1////
B	70565	51018	83620	69022	74302	61504	00722	86825	/////	05253	10457	1////
C	70570	35518	81149	58616	77204	6742/	00754	86810	88540	05504	16240	1////
D	70440	41018	82710	65028	98208	826//	00205	88830	/////	06003	13059	1////
I	70590	19018	61022	97022	01007	685//	00216	81824	86642	05351	10934	15911
J	70524	19718	23028	98018	89610	11430	70230	81818	/////	05007	13048	12558
K	70452	15918	43025	75031	03411	14504	61323	81823	83070	05306	13048	12754
M	73661	02218	70126	75275	06701	59442	81205	83915	/////	06055	13646	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Explanation of symbols

CLOUD

Symbol

WEATHER

Symbol

Mist

Fog

Drizzle

Rain

Rain

Rain

Snow

Rain

Rain

Snow

Hail

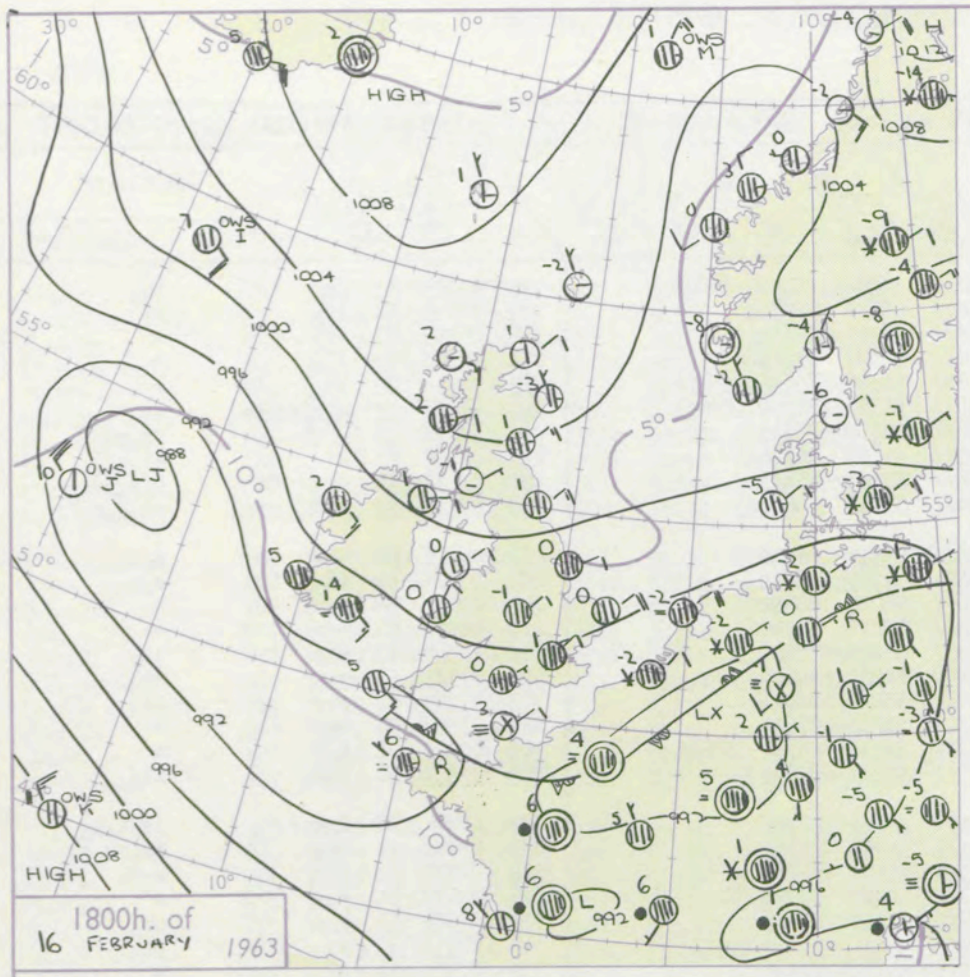
Thunder

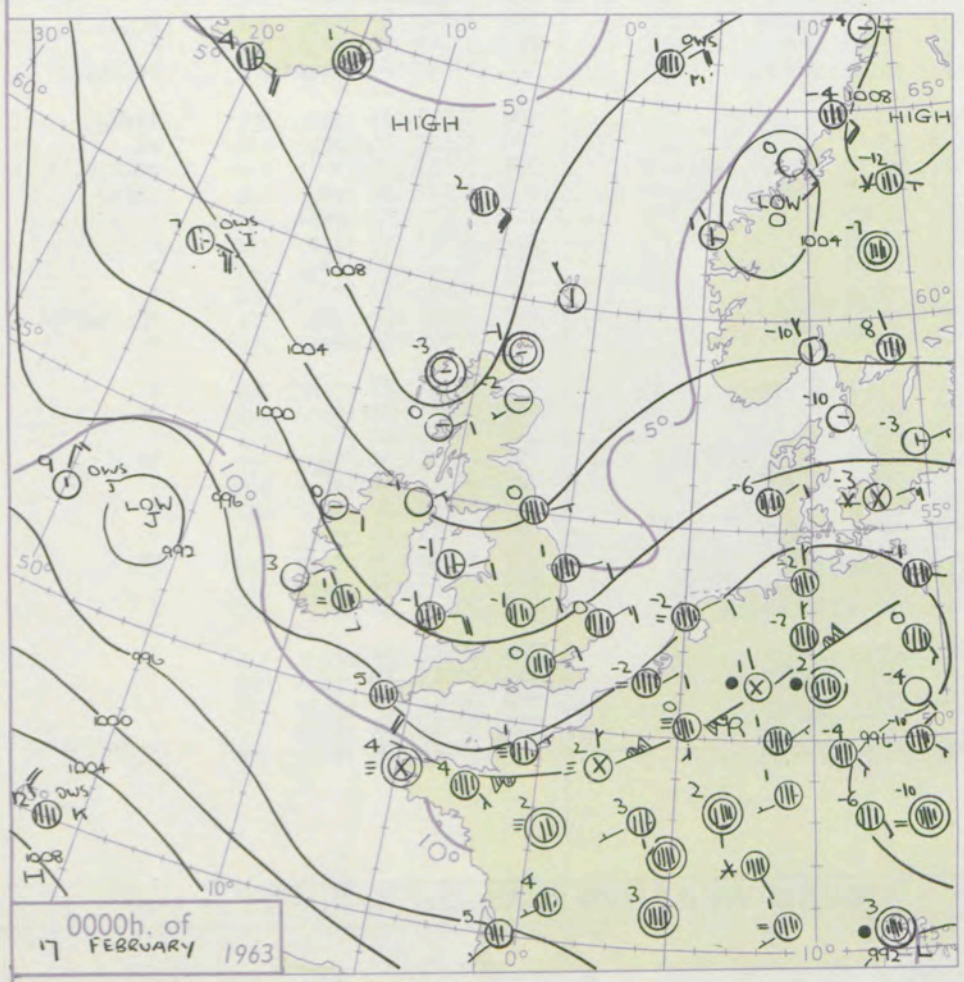
WIND

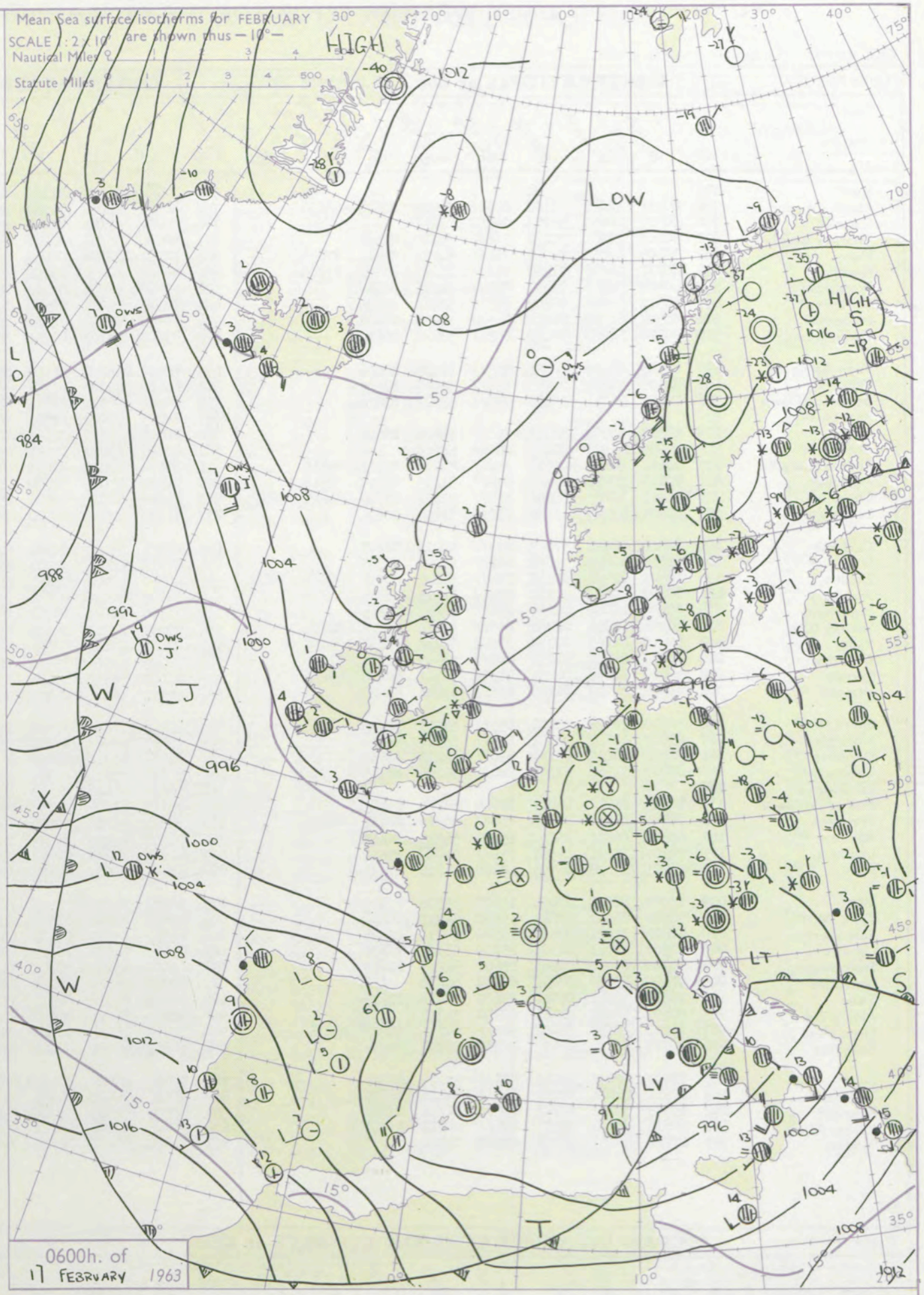
Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday 17 February 1963

The depression west of Ireland has continued to fill steadily. The depression which moved northeast across the western north Atlantic yesterday turned north and has become absorbed into a deep depression moving slowly into the Davis Strait. Minor features are moving east in southern latitudes. A ridge of relatively high pressure will continue to build over the British Isles.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will continue very cold. Temperatures generally will remain near freezing point this afternoon and frost will be widespread tonight, - severe in places. Weather will be mainly dry except in parts of east and southeast England and possibly east Scotland where snow showers will occur.

OUTLOOK for the following 24 hours

Continuing very cold. Weather mainly dry apart from snow showers in some eastern districts.

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

Code FM 11.A

OBSERVATIONS at 00h. 17 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			01					
London Airport	772	80211	48027	99100	855//	54215	84621	88630	
Gatwick	776	00307	48051	98751	00900	53217			
Thorney Island	871	30403	28051	99151	35600	53220	83635		
Hurn	862	70105	48032	99051	754//	52218	85614	87630	
Guernsey	894	80712	28206	97402	861//	01217	83702	87705	
Wattisham	590	80108	50022	99451	856//	54215	88630		
Gorleston	497	80513	60022	99200	855//	52213	88624		
Mildenhall	578	80304	61027	00150	855//	54215	88628		
Cardington	559	80110	56025	00050	856//	53220	88634		
West Raynham	485	80316	61032	00251	855//	54215	88626		
Wittering	462	80308	48227	00951	856//	53215	88631		
Boscombe Down	746	70401	56031	99853	755//	55327	87626		
Ross-on-Wye	627								
Bristol	628	80308	40051	00351	854//	52216	88617		
Aberporth	502	00509	61011	00052	00900	55216			
Rhoose (Cardiff)	715	70611	56052	99651	756//	52213	82712	87635	
Plymouth	827	80715	30227	97700	854//	51215	83710	88618	
Chivenor	707	80912	40022	98401	855//	53213	83710	84625	88643
St. Mawgan	817	80906	23707	97700	855//	51223	88625		
Culdrose	809	80820	26516	97002	872//	02218	88703		
Scilly	804	81016	24022	95605	862//	04222	88705		
Elmdon	534	80408	62022	00751	854//	54215	82712	85617	88628
Shawbury	414	80508	48022	01751	856//	53215	88643		
Manchester	334	80509	40042	02251	856//	54217	88635		
Squires Gate	318	80406	44041	02751	855//	55214	81625	88636	
Valley	302	50710	48041	02151	35602	53218	83640	85075	
Ronaldsway	204	70817	64031	03201	785//	54219	82825	87642	
Carlisle	222	40000	48858	04753	48500	54212	82826	83631	
Watnall	354	80000	32037	01552	855//	53211	88620		
Spurn Head	396	80810	58028	00701	855//	51213	88620		
Finningley	360	83607	48022	02051	856//	53215	88638		
Dishforth	261	80206	66017	03151	856//	54216	88636		
Tynemouth	262	80807	57268	03500	864//	51209	88715		
Eskdalemuir	162								
Mull of Galloway	131	10915	81021	03001	15600	51204	81630		
Prestwick	135	70000	48047	05254	756//	55215	81635	86647	
Renfrew	141	60605	66031	05600	656//	54213	86640		
Leuchars	171	70107	74031	05351	756//	52209	87647		
Dyce	091	13301	62028	06553	15600	54210	81635		
Wick	075	13003	80020	07654	15500	55306	81625		
Cape Wrath	049	30502	86012	08601	35500	52217	83625		
Sule Skerry	010	20302	85011	07603	25500	52211	82625		
Lerwick	005	22906	87021	06301	25700	53102	82656		
Stornoway	026	10000	83030	08953	15600	54215	81640		
Benbecula	022	01108	83020	07851	00900	54218			
Tiree	100	10811	82011	07050	15600	55218	81640		
Aldergrove	917	00607	58020	04151	00900	54218			
Malin Head	980	81023	80858	05002	885//	54215	83822	88636	
Belmullet	976	10912	66011	02600	10930	53225	81359		
Birr	965	80607	62022	01601	856//	52221	88636		
Collinstown	969	80916	66022	02201	855//	54218	88629		
Rineanna	962	80709	58101	00702	856//	52222	88640		
Roches Point	952	80812	59102	99303	864//	00221	88710		
Valentia	953	00711	56051	98303	00900	01221			

OBSERVATIONS at 06h. 17 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	80409	60227	01100	854//	56311	84709	88618	
London Airport	772	80309	62022	01350	856//	56309	88630		
Gatwick	776	80207	61021	00851	856//	56212	88638		
Thorney Island	871	70208	56051	00851	756//	54307	87635		
Hurn	862	70207	48102	00852	5563/	52206	85636	83362	
Guernsey	894	80813	40022	99702	854//	51314	85709	88615	
Wattisham	590	83508	56022	01051	856//	54209	88635		
Gorleston	497	80317	60227	00500	855//	51207	88624		
Mildenhall	578	80104	61707	01751	856//	53208	88633		
Cardington	559	83607	58707	02051	856//	53310	88637		
West Raynham	485	80208	61717	01551	856//	53312	88640		
Wittering	462	80408	48022	02151	856//	53304	88630		
Boscombe Down	746	80507	59021	01851	856//	54209	88632		
Ross-on-Wye	627	80303	28022	02551	864//	55210	88710		
Bristol	628	80506	48052	02551	856//	53220	88630		
Aberporth	502	40806	61030	02851	45600	54219	84645		
Rhoose (Cardiff)	715	80610	62022	02051	856//	53214	88641		
Plymouth	827	70512	48021	00500	755//	51216	87625		
Chivenor	707	80908	40022	01400	856//	54319	84707	88645	
St. Mawgan	817	71009	37057	00350	755//	52212	87623		
Culdrose	809	80814	25227	00001	872//	50211	88706		
Scilly	804	80913	40026	99303	863//	02211	88709		
Elmdon	534	80207	40702	02652	854//	54210	84613		
Shawbury	414	70205	50012	03551	757//	53209	87650		
Manchester	334	73605	56028	03951	756//	53209	87645		
Squires Gate	318	70206	48041	05053	655/1	55211	82628	86640	
Valley	302	80402	57041	04651	856//	54212	88635		
Ronaldsway	204	70209	58268	05350	785//	53211	81825	87650	
Carlisle	222	70000	58038	06454	5563/	55107	85635	86358	
Watnall	354	80202	56708	03352	856//	53112	88630		
Spurn Head	396	80110	58858	02800	874//	52207	88710		
Finningley	360	73607	56027	03751	757//	53210	87650		
Dishforth	261	83409	23718	04653	885//	55211	86820	88645	
Tynemouth	262	80515	61158	04801	3742/	51207	83710	88530	
Eskdalemuir	162	60502	66028	07355	685//	57203	83823	84638	
Mull of Galloway	131	70610	81022	06051	756//	52204	87640		
Prestwick	135	60905	56041	06954	657//	55110	86650		
Renfrew	141	70000	74031	07353	756//	56208	87640		
Leuchars	171	52506	74018	06652	55600	54305	85645		
Dyce	091	63403	62031	07552	35601	55206	83640		
Wick	075	22709	80030	07755	15630	56801	81630		
Cape Wrath	049	21802	80020	08600	25500	52400	82625		
Sule Skerry	010	43502	85030	07404	45500	00702	84630		
Lerwick	005	63609	74027	06802	684//	51212	83812	85645	
Stornoway	026	13002	83020	09355	12500	57101	81826		
Benbecula	022	00000	85020	09254	00900	55203			
Tiree	100	10605	82010	08552	15600	55205	81635		
Aldergrove	917	50405	66028	06450	58400	53106	81818	85635	
Malin Head	980	71020	74028	06903	785//	55210	82822	87638	
Belmullet	976	80912	66021	05101	856//	54214	88635		
Birr	965	80605	66022	04400	856//	55215	88635		
Collinstown	969	80810	74022	04601	856//	55211	88633		
Rineanna	962	80808	50102	03201	856//	53213	88635		
Roches Point	952	80609	59102	02102	864//	51215	88717		
Valentia	953	71016	58051	00504	75600	00110	87630		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97505	51	is_o	is_o
London Airport	772	97513	52	is_o	+
Gatwick	776	00515	53	+	+
Thorney Island	871	00535	57	+	+
Hurn	862	00533	54	+	+
Guernsey	894	92021	01	$d_or_oid_oir_o$	is_o
Wattisham	590	92526	52	+	is_ops_o
Gorleston	497	91515	51	+	is_ops_o
Mildenhall	578	91516	52	is_o	$s_os_ops_o$
Cardington	559	97526	52	+	$ps_os_os_oss$
West Raynham	485	91526	52	s_os_o	s_os_o
Wittering	462	97525	54	is_o	s_os_o
Boscombe Down	746	00537	58	+	+
Ross-on-Wye	627	00527	54	+	+
Bristol	628	97547	55	+	is_o
Aberporth	502	97525	55	+	is_o
Rhoose (Cardiff)	715	97517	52	+	is_o
Plymouth	827	93506	53	ss	+
Chivenor	707	00001	51	+	+
St. Mawgan	817	97521	51	s_os_o	is_o
Culdrose	809	93001	00	$d_od_or_or_o$	$is_os_os_o$
Scilly	804	96031	//	ir_o	$ir_oid_or_o$
Elmdon	534	97525	53	+	s_os_o
Shawbury	414	00535	54	+	+
Manchester	334	97523	53	+	ps_o
Squires Gate	318	97535	57	+	ps_o
Valley	302	00523	54	+	+
Ronaldsway	204	97515	53	pr_o	pr_o
Carlisle	222	97567	60	ps_o	+
Watnall	354	97547	56	is_ops_o	ps_ois_o
Spurn Head	396	01527	//	is	$isps_o$
Finningley	360	97527	54	is_o	ps_o
Dishforth	261	92527	55	+	$ps_os_os_o$
Tynemouth	262	02507	52	ps_o	phps
Eskdalemuir	162	93577	61	$ssps_o$	+
Mull of Galloway	131	00513	//	/	/
Prestwick	135	97565	60	is_o	+
Renfrew	141	00543	57	+	+
Leuchars	171	01547	56	ph_o	ph_ops_opsif
Dyce	091	97549	58	ps_o	+
Wick	075	00553	57	+	+
Cape Wrath	049	00523	55	+	+
Sule Skerry	010	01011	52	/	/
Lerwick	005	01515	55	is_o	ir_os_ops
Stornoway	026	00563	61	+	+
Benbecula	022	00555	62	+	+
Tiree	100	00555	61	+	+
Aldergrove	917	97545	56	+	ps_o
Malin Head	980	97021	01	/	/
Belmullet	976	00511	53	/	/
Birr	965	00501	51	/	/
Collinstown	969	00013	50	/	/
Rineanna	962	00011	50	/	/
Roches Point	952	00010	01	/	/
Valentia	953	00021	01	/	/

CONVE TAB

°C t

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 −1 −2 −3 −4 −5 −6 −7 −8 −9 −10 −11 −12 −13 −14 −15 −16 −17 −18 −19 −20 −21 −22 −23 −24 −25 −26 −27 −28 −29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33000	71124	70026	92307	755//	00806	/////	/////	00305	11245	1////
B	10565	51000	80525	58717	68602	8052/	00530	88520	/////	05251	10456	13433
C	10570	35500	21825	65216	79705	21400	00217	82815	/////	05300	12049	1////
D	10440	41000	82529	63802	98809	825//	00308	88830	/////	05904	12447	1////
I	10590	19200	51126	97022	03207	585//	21314	81825	84650	05451	11023	15942
J	10524	19500	23314	98258	93509	28400	00223	82818	/////	05107	13345	12757
K	10454	16300	82819	70028	05612	885//	71206	81823	88643	05107	100/0	13048
M	13661	02000	80121	65268	08101	5947/	81000	84915	88450	06158	10146	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33006	61028	70022	91907	65500	00804	/////	/////	00203	11067	1////
B	10565	51006	83640	63227	63503	854//	00720	88615	/////	00000	10159	1////
C	10570	35506	22018	69021	83704	21500	00220	82830	/////	05502	12047	1////
D	10440	41006	82722	65028	95708	855//	00710	88630	/////	06003	12547	1////
I	10589	18706	81227	97022	02907	857//	21501	88656	/////	05352	11238	15942
J	10523	19506	42805	98030	93809	48400	00803	83818	/////	05109	13031	12754
K	10452	15706	82417	65022	04612	856//	71706	88640	/////	00007	100/1	13048
M	13663	02006	10317	75028	08800	12440	81102	81815	/////	06357	10246	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36978

Date of Issue Monday 18 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 17 February 1963

°F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
104	Kew	775	70313	66268	03401	33633	54110	83935		
102	London Airport	772	60212	59857	03701	62400	54112	86817		
100	Gatwick	776	70407	58028	03301	785//	53110	86822	83635	
99	Thorney Island	871	60308	59031	03701	68500	82825	85656		
97	Hurn	862	70609	66032	03602	785//	55012	83825	85635	
95	Guernsey	894	80712	50838	02502	884//	52215	85814	87625	
93	Wattisham	590	63609	61267	03351	62501	53109	86822		
91	Gorleston	497	70210	62228	04101	785//	51222	83822	87630	
90	Mildenhall	578	70407	66038	03801	725//	54108	87825		
88	Cardington	559	63608	61227	04501	625/1	52010	86825		
86	West Raynham	485	50111	62267	03750	52500	52304	85825		
84	Wittering	462	30109	62017	04801	38500	52010	82825		
82	Boscombe Down	746	70506	59022	04300	3253/	54109	83820	85360	
81	Ross-on-Wye	627	60407	57021	04701	585//	53105	85825		
79	Bristol	628	60308	56057	05751	10932	53214	81359	86075	
77	Aberporth	502	20506	61037	05500	22500	54108	82822		
75	Rhoose (Cardiff)	715	60708	40057	04801	31531	51110	83820	85080	
73	Plymouth	827	70813	37017	03601	757//	54209	87650		
72	Chivenor	707	70612	59032	04202	625/2	54110	86822		
70	St. Mawgan	817	70710	56052	03802	756//	52212	87635		
68	Culdrose	809	70714	37027	03302	755//	52215	83712	87620	
66	Scilly	804	80914	40586	02203	6632/	01206	86709	88523	
64	Elmdon	534	20408	37047	05400	22500	53214	82820		
63	Shawbury	414	30509	58031	05901	31600	53110	83830		
61	Manchester	334	63607	16041	06101	625//	53110	86823		
59	Squires Gate	318	20407	40048	06602	28500	53207	81820		
57	Valley	302	50607	66031	06803	58500	55207	82825	85635	
55	Ronaldsway	204	30713	80018	07003	22541	55107	82825		
54	Carlisle	222	23502	69031	08001	15741	54103	81650		
52	Watnall	354	43505	28268	05201	38401	51010	81817	83640	
50	Spurn Head	396	60108	59028	04401	63500	52206	85920	84825	
48	Finningley	360	63610	48038	05602	6853/	54210	82825	86630	
46	Dishforth	261	23608	48058	06400	28500	53206	81820		
45	Tynemouth	262	50908	66028	06603	48570	50207	82825	84635	
43	Eskdalemuir	162	50000	70031	08301	55601	53207	85636		
41	Mull of Galloway	131	20505	81011	08403	28600	01224	81825	81630	
39	Prestwick	135	20603	58021	08501	10831	53105	81358		
37	Renfrew	141	72905	56048	08801	15632	53105	81635	87072	
36	Leuchars	171	53007	82028	07702	12541	54204	81825	85075	
34	Dyce	091	73111	66032	07801	785//	53702	81820	87656	
32	Wick	075	63010	82021	08003	684//	01400	83815	83630	
30	Cape Wrath	049	72305	88838	08902	735//	51705	87920		
28	Sule Skerry	010	60505	82038	08503	635//	02202	86925		
27	Lerwick	005	40307	80278	07902	48400	50105	83815		
25	Stornoway	026	12705	89011	09905	10930	53803	81360		
23	Benbecula	022	10606	89020	10004	11500	52102	81825		
21	Tiree	100	10705	89020	09703	11542	54105	81825		
19	Aldergrove	917	30509	82021	08303	32500	54205	83822		
18	Malin Head	980	51012	89022	08603	525//	55204	85827		
16	Belmullet	976	51114	69012	06403	58400	53002	82819	85638	
14	Birr	965	70806	74022	06701	785//	54209	85822	87633	
12	Collinstown	969	60908	74858	07202	52501	55211	85826	86070	
10	Rineanna	962	70915	56102	05502	756//	55109	87640		
9	Roches Point	952	80815	59057	04402	854//	52211	83716	88626	
7	Valentia	953	71114	59052	02504	756//	52006	87630		

OBSERVATIONS at 18h. 17 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	70204	56022	04401	756//	53210	87635		
772	73505	56038	04800	446//	53210	84620	86640	
776	70000	50028	04150	756//	54205	87645		
871	60304	28227	04750	35702	53211	83650	86070	
862	60106	61012	04550	656//	53306	86634		
894	80612	40058	04101	5852/	52311	82808	85625	88460
590	43605	56028	04052	44604	53309	84630		
497	60210	62228	03701	685//	52305	82822	86630	
578	70104	62038	04700	785//	51311	82820	86630	
559	63507	56028	05450	6565/	52311	86635		
485	73507	59858	04450	784//	51207	81812	83820	86640
462	50107	62268	05750	584//	52310	82818	84635	
746	50203	58022	05551	585//	55206	81825	85635	
627	20502	24011	05951	26500	55211	82720		
628	30000	48038	05852	00901	55204	83075		
502	00000	56011	05851	00900	55304			
715	10706	56058	05552	15700	53106	81650		
827	70608	28042	04601	786//	52210	81830	87640	
707	30406	58011	05050	34500	54307	81622	83635	
817	70807	58052	04300	756//	54307	84630	87650	
809	80810	58052	03901	855//	53305	84712	88625	
804	80913	58026	02803	854//	52306	88611		
534	53602	17041	05551	55500	53307	82625	83656	
414	13601	19048	06452	14600	54306	81650		
334	23604	15048	06400	28500	52307	81825		
318	00105	08041	06851	00900	53205			
302	20502	66021	07000	15602	53105	81640		
204	10408	58040	07252	18501	54302	81825		
222	73602	54038	07901	5053/	52103	82025	84640	
354	10010	37048	05952	14600	53306	81640		
396	70208	59268	04501	755//	51201	87620		
360	53308	23048	06150	55600	51305	82635	84650	
261	73310	32051	06550	756//	52306	87638		
262	73314	61028	06401	2747/	00302	82710	86358	
162	13603	70117	09354	15600	59303	81635		
131	20906	82010	08601	28500	52706	81825		
135	40000	40041	08353	15738	54203	81650	83275	
141	10000	20041	08601	15700	54205	81656		
171	72706	80268	07201	785//	52000	83620	85640	
091	23110	68017	07900	29400	52303	81918		
075	43508	82021	08400	48400	51304	81815	84625	
049	61802	86028	08901	635//	51400	86920		
010	60805	85022	08003	685//	01400	84825	86630	
005	70000	37878	08700	734//	50206	85912		
026	20000	89021	09250	12530	52301	81825		
022	00000	89020	09151	00900	55501			
100	00505	89020	08901	00900	53301			
917	50000	80030	08250	28530	51202	81820		
980	11107	89021	08203	11500	55501	81826		
976	31111	69021	06001	8400	52301	81717	83629	
965	60903	70022	06500	685//	55303	81822	86633	
969	40903	74018	06800	42500	52302	84823		
962	31110	64051	05501	35600	54208	83640		
952	81012	58058	04902	855//	56306	88627		
953	81118	59052	03002	856//	53308	88632		

OBSERVATIONS during DAY

iii	RRT x T E x +	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	97025	028	is_0ps_0	+
772	97031	042	is_0ps_0	+
776	97025	016	ps_0	ps_0
871	97023	023	+	is_0
862	00023	///	+	+
894	97021	000	$is_0pr_0s_0$	pr_0s_0
590	97017	///	ps_0	$ps_0s_0s_0$
497	97027	039	ps_0	$is_0s_0s_0$
578	97025	036	ps_0	ps_0
559	97015	034	is_0ps_0	ps_0
485	01016	050	$s_0s_0psps_0$	ps_0ph
462	92025	046	$sspss_0ph_0$	ph_0ps_0
746	00017	028	+	+
627	00027	033	+	+
628	91017	042	ps_0	+
502	97015	061	is_0	+
715	97017	040	is_0	ps_0
827	97033	013	is_0	+
707	91033	032	ps_0	+
817	00021	002	+	+
809	97021	001	s_0s_0	+
804	92031	000	id_0ir_0	+
534	97025	044	s_0s_0	+
414	97025	002	+	ps_0
334	97023	040	ps_0	if
318	00045	058	+	if
302	00043	073	+	+
204	00045	075	+	+
222	97026	050	+	ps_0
354	97026	048	ps_0	ps_0
396	01035	047	ps_0	ps_0
360	97036	060	ps_0	is_0
261	97027	044	ps_0	+
262	01045	028	ps_0	ps
162	97027	045	is_0	+
131	00043	///	/	/
135	00045	082	+	+
141	97043	061	ps_0	+
171	97045	056	+	ps_0
091	92019	024	isss	is_0
075	92051	034	+	ph_0
049	01011	///	$pspr_0s_0$	$pr_0s_0ir_0$
010	01041	///	/	/
005	04036	035	ph_0phs	$phsps_0$
026	00063	075	+	+
022	00055	079	+	+
100	00053	089	+	+
917	00045	077	+	+
980	00047	068	/	;
976	00047	051	/	/
965	00041	041	/	/
969	97037	041	/	/
962	00033	025	/	/
952	00027	000	/	/
953	97041	005	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33012	51026	80022	91706	58600	00402	/////	/////	00204	11067	1////
B	10565	51012	83641	56616	59602	8052/	00615	88520	/////	05102	15151	1////
C	10567	36712	80707	69021	81804	30977	55714	83362	882//	05353	12269	1////
D	10440	41012	72745	65801	95807	22502	00310	87825	/////	05602	17740	1////
I	10589	18812	81230	97032	02407	856//	00501	86640	88650	05351	11348	10959
J	10523	19512	81320	98506	91309	1577/	00725	81640	88458	05106	11333	10865
K	10452	15812	82021	60612	03112	4747/	00707	83718	88459	05010	100/0	12335
M	13663	01812	73306	80022	08801	63540	00602	82825	86650	06155	13321	149/4

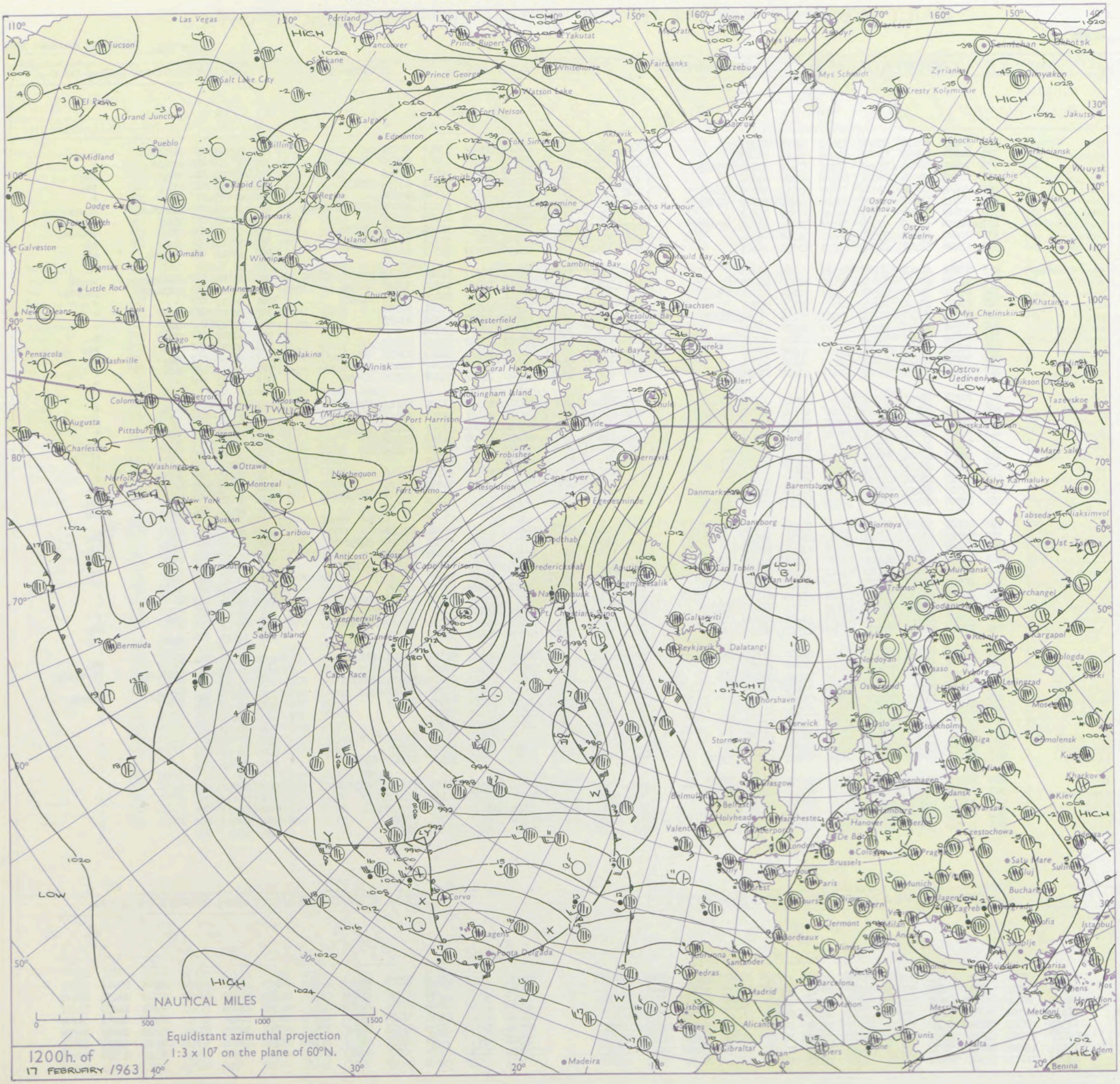
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33018	80926	66608	89609	47421	00709	/////	/////	00204	10967	1////
B	10565	51018	80518	66027	67504	855//	00239	86520	/////	00002	15151	1////
C	10554	38418	31614	69031	78404	32500	16720	03828	/////	05351	12259	1////
D	10440	41018	62745	63152	98506	62500	00312	86824	/////	06300	17761	1////
I	10590	19918	71230	97216	98907	895//	00713	84825	87640	05402	11249	10959
J	10524	19118	52629	98258	91007	58400	00322	83820	85645	05606	12534	10855
K	10452	15718	82415	58026	00912	862//	00301	88706	/////	00012	12437	13065
M	13663	02018	73018	70028	04203	49460	00722	83915	84358	05752	13021	149/4

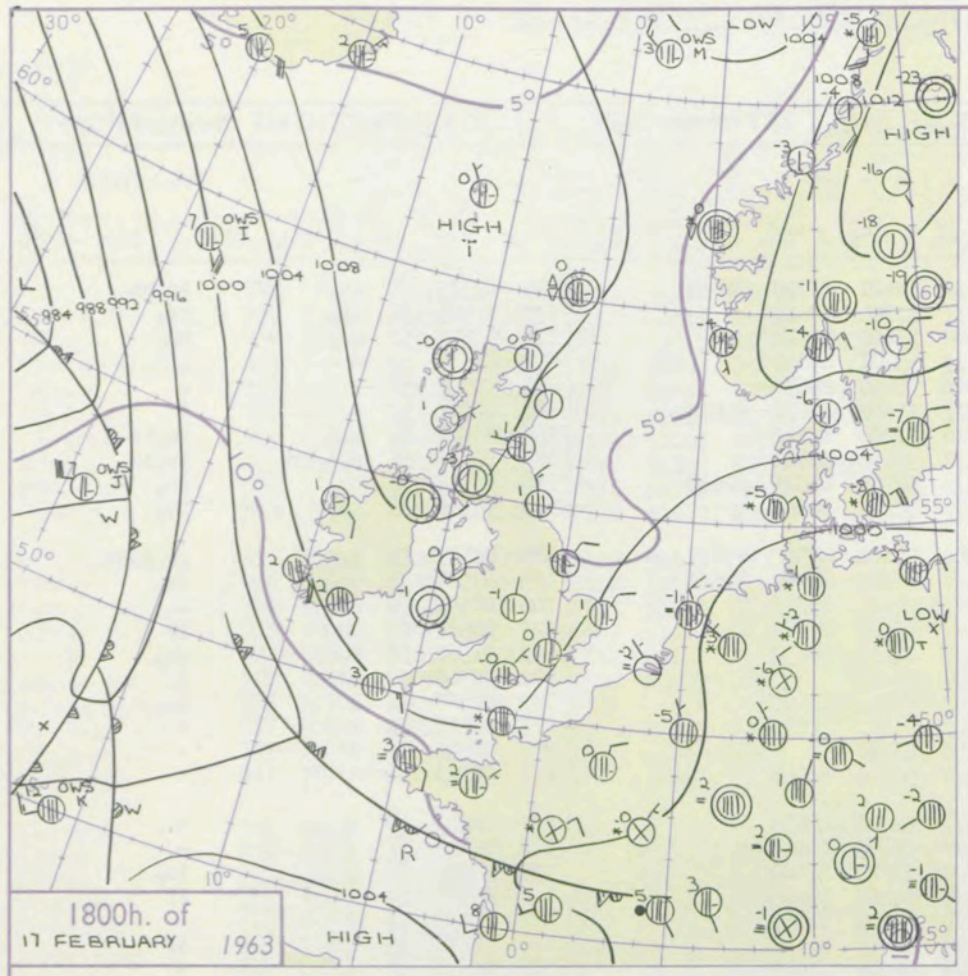
All times of observation printed in this publication are GREENWICH MEAN TIME.

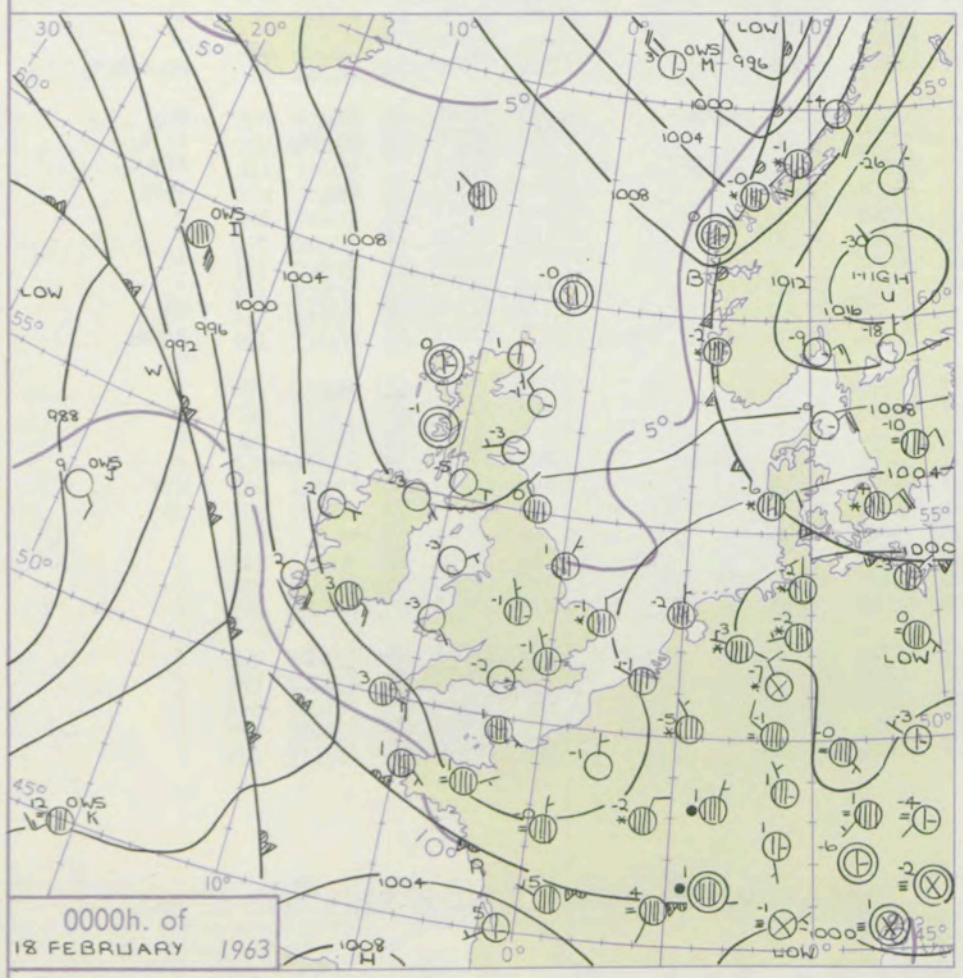
SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

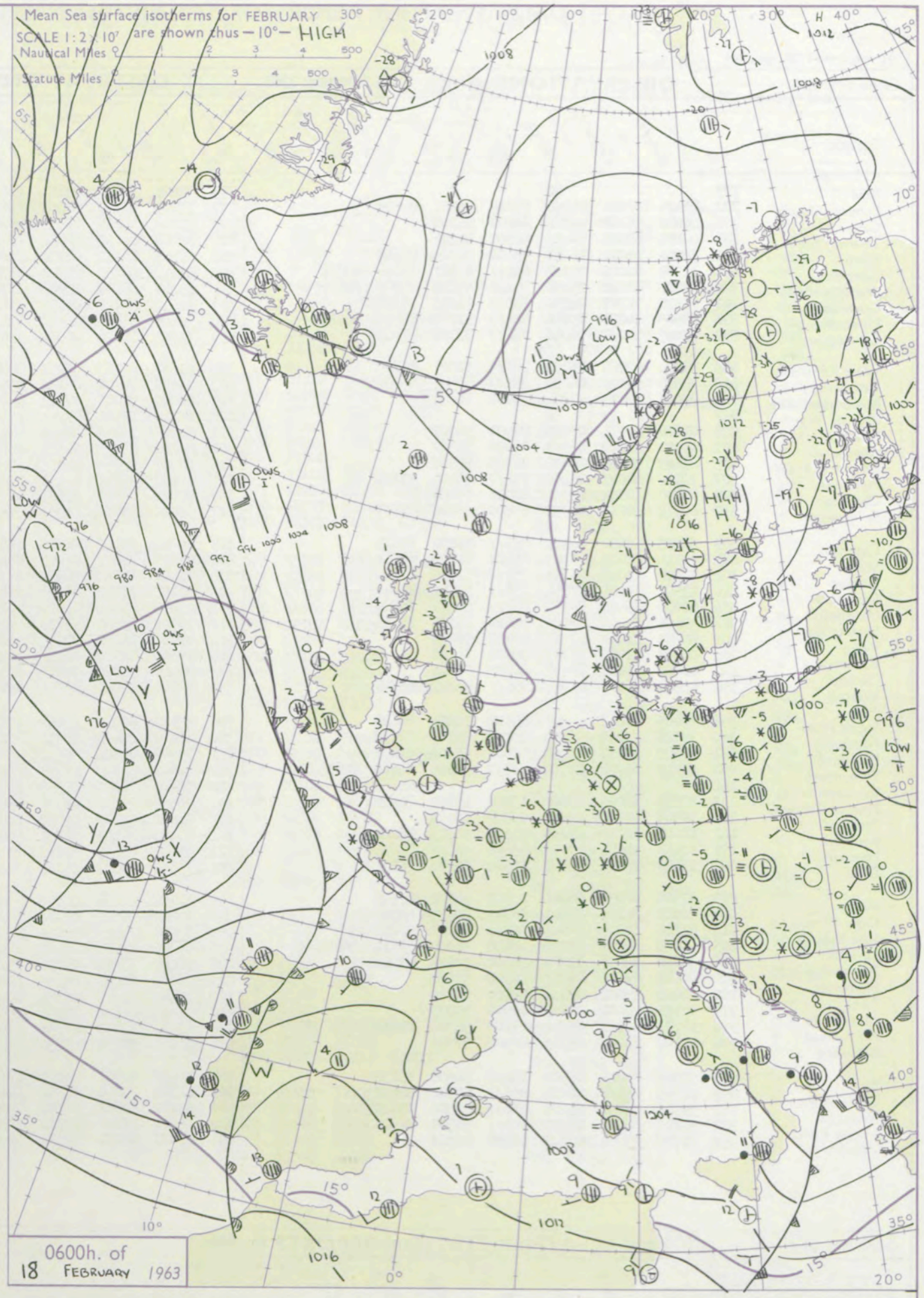
CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 18 February 1963

A ridge of high pressure over the British Isles has been slow moving but will later weaken as a trough of low pressure advances towards the southwest of the British Isles. A deep depression will be slow moving near the south of Greenland, but another depression is expected to move eastwards towards the northwest of France with the British Isles coming under the influence of a southeasterly air stream.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

In the northwest of Britain there will be sunny periods and a few isolated snow showers. Eastern districts will have variable cloud with some snow at times especially in East Anglia. Sunny periods in the southwest at first will be followed by more cloudy weather with sleet or snow later extending northeast. It will be cold generally.

OUTLOOK for the following 24 hours. Cold with snow at times especially in the southwest.

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

Code FM 11.A

OBSERVATIONS at 00h. 18 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775			50					
London Airport	772	63305	37021	05951	65600	53202	86639		
Gatwick	776	00000	26108	05554	00900	56106			
Thorney Island	871	00204	58021	06453	00900	54206			
Hurn	862	10206	66011	06452	15600	54105	81643		
Guernsey	894	81009	62022	05701	854//	52307	83616	88635	
Wattisham	590	73308	48858	05151	754//	52205	83704	86614	
Gorleston	497	83510	56707	04551	855//	51003	88622		
Mildenhall	578	83503	40858	05651	884//	51203	85818	88628	
Cardington	559	73005	32037	06051	756//	52302	87640		
West Raynham	485	73504	62268	05351	784//	52203	83815	86635	
Wittering	462	83306	56022	06650	856//	52305	88631		
Boscombe Down	746	03601	59011	07054	00900	56202			
Ross-on-Wye	627								
Bristol	628	00000	37051	07655	00900	56207			
Aberporth	502	01201	48020	06953	00900	55302			
Rhoose (Cardiff)	715	00409	32050	06755	00900	56500			
Plymouth	827	70712	40022	05400	756//	53101	87635		
Chivenor	707	00000	48020	05953	00900	55806			
St. Mawgan	817	60910	58051	04951	65600	55806	86637		
Culdrose	809	80815	58052	05102	855//	53102	88625		
Scilly	804	80914	58022	02903	854//	51805	88611		
Elmdon	534	73506	23041	06751	757//	53204	87650		
Shawbury	414	73502	23041	07654	756//	55101	87644		
Manchester	334	80000	05044	07352	867//	53107	88650		
Squires Gate	318	30406	12044	07553	35600	55303	83635		
Valley	302	00703	61020	07753	00900	56205			
Ronaldsway	204	00108	61040	07753	00900	54400			
Carlisle	222	00000	62020	08854	00900	55204			
Watnall	354	83505	14041	06751	856//	52203	88635		
Spurn Head	396	60205	59012	05701	65500	52204	86620		
Finningley	360	70108	32268	06900	756//	52103	87638		
Dishforth	261	13407	56051	07452	00901	53304	81075		
Tynemouth	262	83209	61268	07500	885//	53106	84820	88625	
Eskdalemuir	162								
Mull of Galloway	131	10905	82020	07600	15600	53709	81630		
Prestwick	135	00906	48040	08955	00900	56204			
Renfrew	141	60000	20111	09054	65600	56305	86640		
Leuchars	171	12607	74021	07953	15600	56202	81635		
Dyce	091	13009	74030	08551	15500	52400	81625		
Wick	075	21506	82038	08701	25500	50802	82625		
Cape Wrath	049	80000	86038	09001	865//	00703	88720		
Sule Skerry	010	81102	82028	08603	865//	02702	88720		
Lerwick	005	40000	82068	08950	48400	51000	83814	84640	
Stornoway	026	30000	74038	09200	35600	51602	83640		
Benbecula	022	00000	89020	09253	00900	55000			
Tiree	100	00000	89020	09451	00900	55203			
Aldergrove	917	02103	74020	08653	00900	55203			
Malin Head	980	11707	80010	08752	15600	54302	81835		
Belmullet	976	00907	66020	06352	00900	53301			
Birr	965	50805	74011	06500	556//	54606	85634		
Collinstown	969	81005	75038	07201	856//	53601	88638		
Rineanna	962	50912	59051	05201	556//	53508	85640		
Roches Point	952	81015	66022	04403	855//	52508	88628		
Valentia	953	01118	58051	02702	00900	55503			

OBSERVATIONS at 06h. 18 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
775	73605	32057	05651	756//	53101	81708	87635	
772	73105	40037	06051	756//	52304	87640		
776	43202	34268	05353	45600	53400	84640		
871	70000	61031	06452	756//	53201	87641		
862	23505	62010	06354	25600	55000	82630		
894	61012	62031	05701	5557/	51602	82620	84635	
590	13007	48268	04955	15700	56000	81650		
497	83610	48707	05152	855//	53806	88620		
578	73405	56038	05651	785//	52202	81825	87640	
559	73203	32022	06050	756//	52203	87644		
485	53607	66268	05252	58400	54400	81818	85647	
462	83508	48702	06751	855//	53305	86709	88621	
746	50000	58011	07053	556//	56105	85645		
627	82101	17101	07255	863//	55400	88708		
628	80000	14058	08253	856//	54207	88630		
502	01304	48020	06553	00900	55804			
715	40507	32050	06255	45600	55804	84650		
827	10807	58011	05151	15600	53801	81635		
707	01406	48020	05653	00900	55808			
817	60910	59011	04351	656//	54602	86644		
809	80715	56052	04802	855//	52400	88625		
804	81215	48022	01905	854//	01609	88616		
534	73401	42042	06652	757//	53203	87650		
414	53103	23042	07453	55600	54400	85645		
334	20000	F9484	07455	25700	56103	82650		
318	10701	23041	07355	15600	56400	81635		
302	40902	61030	07053	45600	55704	84645		
204	10106	74030	07555	10940	57602	81360		
222	80000	32022	08553	855//	54602	88624		
354	83605	19048	06751	856//	52102	88635		
396	60105	59018	05602	49502	52400	84925	85070	
360	73408	09447	07151	761//	52201	87702		
261	73308	82704	07553	756//	53004	82702	86630	
262	82909	61022	07751	856//	55400	88630		
162	30000	70020	08953	35600	56506	83633		
131	20103	81020	08351	25600	53203	82630		
135	00000	62020	08357	00900	59802			
141	50000	48041	08757	55600	58803	85640		
171	72605	82031	07753	757//	55801	87650		
091	73402	69851	08751	784//	52305	82711	84816	86625
075	72702	82038	08852	755//	53400	87625		
049	71402	86022	08501	765//	00705	87720		
010	80000	81028	08302	865//	01702	88720		
005	63006	80028	08301	684//	51604	82818	86641	
026	70000	74268	09101	756//	01703	87640		
022	10000	89020	08355	15600	56607	81635		
100	10501	89010	08354	15600	55803	81640		
917	11303	62030	07955	15600	56805	81630		
980	11906	80030	07753	15600	54707	81635		
976	21011	70030	05850	25600	54608	82645		
965	80806	74021	05301	856//	54714	88636		
969	11104	75020	06752	15600	55805	81635		
962	61111	59051	04500	65600	54502	86635		
952	71219	62012	03202	755//	55709	87628		
953	51023	58051	99402	55600	54826	85630		

OBSERVATIONS during NIGHT

iii	RRT_nT_gE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	97515	55	is_o	is_ops_o
772	97523	54	ps_o	ps_o
776	91555	57	ps_o	ps_o
871	00543	58	+	+
862	00563	57	+	+
894	00003	52	+	+
590	01567	61	ps_o	ps_ois
497	01537	56	$s_os_ois_o$	is_oss
578	93526	56	ps_o	ps_o
559	97535	55	is_o	is_o
485	02527	54	ps_ops	ps_opsis
462	97525	54	+	is_o
746	00557	60	+	+
627	00587	63	+	if
628	91567	58	+	ps_o
502	00545	57	+	+
715	00567	57	+	+
827	00513	54	+	+
707	00543	59	+	+
817	00523	54	+	+
809	00001	00	+	+
804	00021	//	+	+
534	97525	56	+	is_o
414	00555	61	+	ff
334	00553	57	+	+
318	00575	59	ifff	if
302	00553	57	+	+
204	00555	58	+	+
222	00566	58	+	+
354	97526	52	+	$ps_osss_os_o$
396	97505	//	ps_o	ps_o
360	97516	52	ps_ois_o	$ffis_o$
261	93537	53	ff	ffs_os_o
262	94527	53	ps_o	s_os_o
162	00547	57	+	+
131	00523	//	/	/
135	00575	61	+	+
141	00573	60	+	+
171	01556	56	+	ps_o
091	91529	57	+	$psps_o$
075	97523	53	ps_o	+
049	97515	55	+	+
010	02015	51	/	/
005	97516	54	ps_ophs_o	+
026	03513	56	pr_os_o	ps_o
022	00565	62	+	jp
100	00543	62	+	+
917	00565	59	+	+
980	97543	55	/	/
976	97533	54	/	/
965	97533	59	/	/
969	97523	56	/	/
962	00510	52	/	/
952	00021	01	/	/
953	00010	51	/	/

CONVE TAB

°C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33000	60926	66156	90206	69400	00604	/////	/////	00204	10967	1////
B	20565	51000	80524	63027	75403	855//	00242	88620	/////	05050	13247	10435
C	20563	37200	22711	69020	76504	22500	15715	82830	/////	05453	12546	1////
D	20440	41000	22945	63021	04906	22500	00230	82825	/////	06351	17051	1////
I	20590	18900	81235	97032	98907	856//	21701	88645	/////	05452	16243	1////
J	20525	19200	01211	98020	90609	00900	00811	/////	/////	05205	11222	14913
K	20452	15600	82217	15101	99512	862//	00711	88703	/////	05011	12345	13054
M	23663	02100	32922	70258	99103	39400	00633	82915	/////	05601	12632	14910

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33006	80940	60636	85906	47321	00518	/////	/////	00104	10978	1////
B	20564	51006	50516	65021	79304	21501	00215	82830	840//	05154	10546	13245
C	20573	35506	22320	69020	78404	22500	15325	82830	/////	05402	12546	1////
D	20440	41006	22740	65021	07806	21560	00217	82830	/////	06651	17951	1////
I	20589	18706	71336	97012	98007	756//	21503	87650	/////	05551	16342	1////
J	20525	19506	71136	98022	80410	55677	00858	85640	86858	00108	11247	10845
K	20451	15806	82029	50616	90913	872//	51747	88705	/////	00212	12248	13064
M	23663	02506	63315	70028	97801	68400	00702	82815	85630	06055	13322	14914

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 35979

Date of Issue Tuesday 19 February 1963

OBSERVATIONS at 12h. 18 February 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	60210	56028	04702	625//	54602	86828		
London Airport	772	40311	58038	05203	42500	55706	84825		
Gatwick	776	70508	58058	05201	72500	53602	87325		
Thorney Island	871	10208	59031	05203	11500	54808	81820		
Hurn	862	20508	58031	05303	21500	54711	82825		
Guernsey	894	71014	74021	04802	78532	54706	84820	86630	
Wattisham	590	73609	56158	04851	735//	53502	82710	87920	
Gorleston	497	50215	48267	05350	55500	52201	85625		
Mildenhall	578	83603	23708	05300	856//	50603	85712	88640	
Cardington	559	50211	56031	05702	585//	52602	82820	84640	
West Raynham	485	70315	48858	05151	724//	52703	87816		
Wittering	462	60209	58268	06001	62500	53804	86820		
Boscombe Down	746	10607	40051	05101	11500	53805	81820		
Ross-on-Wye	627	70705	17104	05401	755//	53811	87625		
Bristol	628	20710	26051	06401	22500	53800	82825		
Aberporth	502	11012	66030	04903	11500	57711	81825		
Rhoose (Cardiff)	715	00709	23051	04901	00900	52713			
Plymouth	827	40810	69011	03503	42501	55713	84820		
Chivenor	707	11217	82020	04303	18500	55714	81820		
St. Mawgan	817	51214	66031	03002	41531	53606	84820		
Culdrose	809	71022	58052	03103	755/1	54803	82718	83628	86645
Scilly	804	71220	61022	00204	754//	52708	87618		
Elmdon	534	30407	48047	05701	31500	54807	83820		
Shawbury	414	20502	08464	06352	28600	53809	82830		
Manchester	334	31008	56044	06202	38500	55710	81820	83650	
Squires Gate	318	21010	40044	06804	28500	52704	81820		
Valley	302	10908	66021	05804	11500	54713	81820		
Ronaldsway	204	30910	66020	06303	32500	51705	83822		
Carlisle	222	40804	58031	08001	25630	52706	82835	83359	
Watnall	354	20711	48047	06001	21400	53706	82817		
Spurn Head	396	60213	63038	05802	62540	53605	86825		
Finningley	360	30110	28047	06702	30930	53802	83360		
Dishforth	261	80206	26777	07551	855//	52702	82710	88625	
Tynemouth	262	70000	37057	07701	7093/	53803	87359		
Eskdalemuir	162	13504	74021	08652	15601	56804	81635		
Mull of Galloway	131	31104	81032	06803	32500	00701	83825		
Prestwick	135	10504	50040	07302	15731	53806	81650		
Renfrew	141	00000	04464	07951	00900	54605			
Leuchars	171	43204	56048	07451	48501	53706	81825	84635	
Dyce	091	43204	62018	08601	28532	52704	81820	83075	
Wick	075	60000	89022	07903	685/2	01802	81820	86645	
Cape Wrath	049	60000	86022	08103	655//	51702	86625		
Sule Skerry	010	71802	85028	07403	785//	01704	82825	87630	
Lerwick	005	70000	86031	07703	794//	52606	81918	83635	86650
Stornoway	026	70000	82022	08003	785//	02703	81826	87650	
Benbecula	022	60803	86012	07403	68500	00708	81820	86645	
Tiree	100	11106	89030	07304	18541	53605	81825		
Aldergrove	917	11109	59050	05903	11500	53716	81822		
Malin Head	980	11013	62020	06003	12500	52712	81822		
Belmullet	976	01222	69050	02103	00900	54714			
Birr	965	41218	74031	03203	48500	54713	82821	94636	
Collinstown	969	31215	78021	04703	32600	55716	83830		
Rineanna	962	71222	69031	01702	756//	54708	87635		
Roches Point	952	71220	66012	01903	755//	52500	87627		
Valentia	952	71120	66031	97605	62502	51812	86822	87070	

OBSERVATIONS at 18h. 18 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	80509	32267	02601	886//	54606	84720	86835	
London Airport	772	70508	40017	02901	785//	52708	82825	86635	
Gatwick	776	70505	50051	02850	756//	53607	87630		
Thorney Island	871	70703	32051	02401	755//	52612	81620	87630	
Hurn	862	80605	40041	02001	855//	52717	84628	88640	
Guernsey	894	71020	70022	99801	38452	56623	81818	83635	86070
Wattisham	590	80206	30268	03552	854//	53503	81615	88628	
Gorleston	497	70513	58278	03350	785//	52705	84821	87626	
Mildenhall	578	70602	56858	04151	784//	53502	83815	87630	
Cardington	559	70210	58858	03750	785//	52604	84825	87656	
West Raynham	485	60308	56858	03753	685//	54705	84825	85640	
Wittering	462	80510	61278	04751	885//	53505	82820	83630	88640
Boscombe Down	746	70803	58032	03051	746//	56717	87630		
Ross-on-Wye	627	70908	57021	02400	755//	55811	87625		
Bristol	628	70710	56051	03301	4563/	54610	84630	86359	
Aberporth	502	21112	48051	00800	00902	58818	82075		
Rhoose (Cardiff)	715	71013	40051	01500	754//	54615	81618	87625	
Plymouth	827	71112	59041	98101	15638	55730	81630	83360	87275
Chivenor	707	51015	58011	99401	15602	55724	81630	85075	
St. Mawgan	817	61016	69012	97100	25532	53728	82620	84365	
Culdrose	809	70927	72022	96602	755//	53731	85710	87620	
Scilly	804	81230	61022	93103	854//	53738	88615		
Elmdon	534	70707	56021	03751	785//	55605	82820	87630	
Shawbury	414	20709	56044	03951	28500	53602	81825		
Manchester	334	40713	61030	04650	48500	55505	81825	83640	
Squires Gate	318	10907	40040	04951	11500	53501	81825		
Valley	302	10910	20040	02801	00901	52610	81075		
Ronaldsway	204	50919	62011	04002	58500	53608	81822	85656	
Carlisle	222	20806	58021	06451	15601	53605	81635		
Watnall	354	70712	62032	04751	785//	53505	82820	86630	
Spurn Head	396	70515	57022	04800	725//	52707	87825		
Finningley	360	70507	58021	05650	785//	52503	83828	86640	
Dishforth	261	60705	69017	06152	65600	55500	86630		
Tynemouth	262	71113	74028	06301	756//	51503	87630		
Eskdalemuir	162	30202	66011	07053	35500	55605	83628		
Mull of Galloway	131	41112	81021	03902	42500	51719	84825		
Prestwick	135	10706	62040	04651	11500	53615	81825		
Renfrew	141	30806	13044	06401	35600	52102	83630		
Leuchars	171	53403	58041	06050	55600	52503	85630		
Dyce	091	33502	40041	07652	23441	53301	82918		
Wick	075	60000	89021	07201	684//	51606	83815	84630	
Cape Wrath	049	70902	88022	06503	25570	55706	82625	85360	
Sule Skerry	010	81802	85022	06603	885//	01708	84825	88630	
Lerwick	005	72806	83022	06302	38402	50706	81818	83650	87075
Stornoway	026	70905	86032	06903	756//	52601	87645		
Benbecula	022	50000	86031	06002	58500	51703	81825	85645	
Tiree	100	10000	89020	05751	18500	55502	81825		
Aldergrove	917	30807	59041	04100	38400	52709	81816	83635	
Malin Head	980	21212	86010	04002	24600	53505	82630		
Belmullet	976	31110	69030	99701	25600	52608	83633		
Birr	965	50913	80031	99900	15602	55612	81630	85072	
Collinstown	969	61006	69031	02001	656//	54713	86630		
Rineanna	962	71022	66022	97402	25605	54714	82635	87270	
Roches Point	952	81026	78032	96403	4551/	52720	84625	88461	
Valentia	953	82407	66022	94004	5561/	53508	85632	88462	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97025	038	ps_o	ps_o
London Airport	772	97031	046	ps_o	is_ops_o
Gatwick	776	97025	038	ps_o	+
Thorney Island	871	00043	037	+	+
Hurn	862	00030	///	+	+
Guernsey	894	00043	028	+	+
Wattisham	590	92506	///	$ispsps_o$	ps_o
Gorleston	497	01016	009	ps_ois_o	is_oph_o
Mildenhall	578	97015	019	ps_ois_o	ps_o
Cardington	559	97025	033	ps_o	ps_o
West Raynham	485	01507	023	$isifs_os_ops_o$	ps_o
Wittering	462	91025	047	ps_o	$ps_oph_ois_o$
Boscombe Down	746	00016	051	+	+
Ross-on-Wye	627	00037	065	if	+
Bristol	628	00027	062	+	+
Aberporth	502	00033	074	+	+
Rhoose (Cardiff)	715	00026	073	+	+
Plymouth	827	00031	053	+	+
Chivenor	707	00042	082	+	+
St. Mawgan	817	00031	057	+	+
Culdrose	809	00030	016	+	+
Scilly	804	00051	003	+	+
Elmdon	534	97025	041	+	is_o
Shawbury	414	00025	048	fFF	+
Manchester	334	00033	069	if	+
Squires Gate	318	00055	078	if	+
Valley	302	00053	089	+	+
Ronaldsway	204	00035	090	+	+
Carlisle	222	00036	054	+	+
Watnall	354	97026	044	s_os_o	+
Spurn Head	396	97035	025	ps_o	ps_o
Finningley	360	00036	043	+	+
Dishforth	261	92017	017	s_os_o	is
Tynemouth	262	01036	020	$sssps_o$	+
Eskdalemuir	162	00007	068	+	+
Mull of Galloway	131	00031	///	/	/
Prestwick	135	00045	086	+	+
Renfrew	141	00033	014	ff	if
Leuchars	171	97035	024	ph_o	+
Dyce	091	92019	059	+	ps_o
Wick	075	91061	044	+	ph_o
Cape Wrath	049	00033	///	+	+
Sule Skerry	010	00051	///	/	/
Lerwick	005	00045	020	+	+
Stornoway	026	00041	002	+	+
Benbecula	022	00065	045	+	+
Tiree	100	00053	093	+	+
Aldergrove	917	00045	063	+	+
Malin Head	980	97041	075	/	/
Belmullet	976	97041	087	/	/
Birr	965	97041	079	/	/
Collinstown	969	97041	068	/	/
Rineanna	962	00041	038	/	/
Roches Point	952	00041	011	/	/
Valentia	953	00051	014	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33012	51110	76026	93106	18606	00240	/////	/////	00004	11244	1////
B	20565	51012	72908	63268	82001	42401	00110	84815	830//	05351	12856	1////
C	20573	35512	81614	69151	84904	68502	00129	82820	86630	05300	10946	1////
D	20440	41012	72945	65808	08805	72500	00207	87820	/////	06802	17962	1////
I	20589	18612	51127	98252	97807	58500	71000	81825	85640	05501	11137	16342
J	20526	19212	82110	97919	81008	6742/	00309	85718	88525	05406	12134	11767
K	20449	15912	72635	70256	94311	5855/	51234	84823	83633	05106	12748	12357
M	23663	02712	30307	70158	98703	39400	00208	82915	/////	05851	10222	149/2

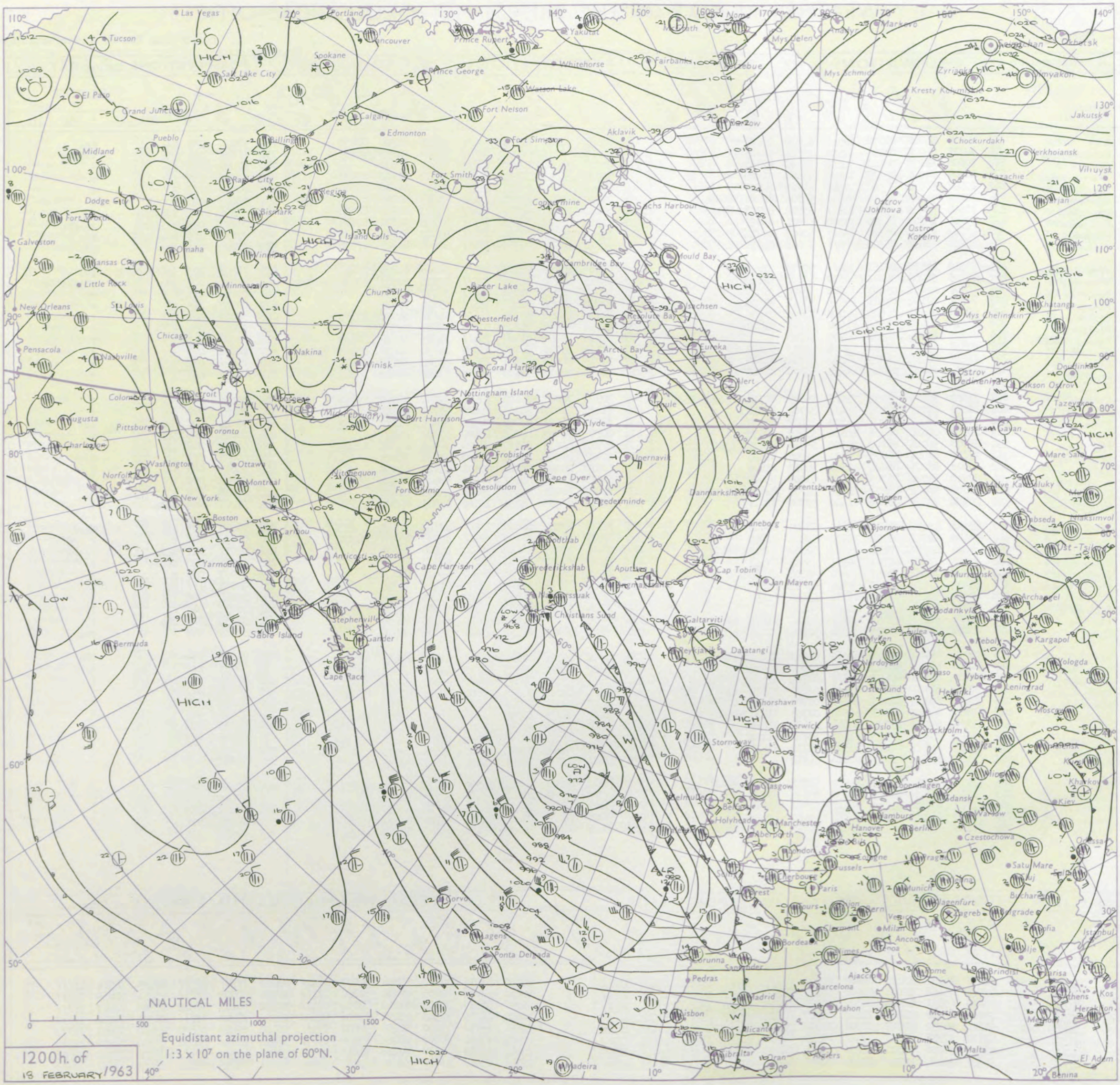
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33018	80920	60606	94207	6752/	00807	/////	/////	00105	149/4	1////
B	20565	51018	82835	09838	81700	871//	00303	88702	/////	05651	12859	1////
C	20572	35518	80205	61616	85704	6742/	00602	86815	88540	05503	10967	1////
D	20440	41018	72943	63258	12806	82500	00225	87820	/////	06501	17962	1////
I	20590	18718	71030	98258	98007	785//	00400	82825	86630	05450	16041	1////
J	20529	18918	80808	98022	83508	6567/	23114	81712	86630	05304	10932	11266
K	20448	16418	42638	70258	96010	23542	51206	82923	/////	05404	17742	12356
M	23663	02818	53610	75150	95603	59400	00 01	82915	84630	05652	13021	13143

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Tucson
Portland
Vancouver
Spokane
Salt Lake City
El Paso
Grand Junction
Prince Rupert
Prince George
Whitehorse
Watson Lake
Fort Nelson
Calgary
Edmonton
Fort Simpson
Fort Smith
Pueblo
Midland
Billings
Rapid City
Regina
Bismarck
Dodge City
Fort Worth
Galveston
Omaha
Island Falls
Winnipeg
Minneapolis
Little Rock
New Orleans
St Louis
Chicago
Pensacola
Nashville
Detroit
Colombus
Augusta
Pittsburgh
Charleston
Toronto
Washington
Norfolk
Ottawa
Montreal
New York
Boston
Caribou
Yarmouth
Bermuda
Sable Island
Stephenville
Gander
Cape Race
Anticosti
Goose
Cape Harrison
Churchill
Baker Lake
Chesterfield
Nakina
Winisk
Coral Harbour
Nottingham Island
Port Harrison
Resolution
Frobisher
Lake Harbour
Cape Dyer
Fort Chimo
Hopedale
Okak
Nain
Hebron
Godthab
Fredericksthab
Egedesminde
Christians Sund
Aputiteq
Cambridge Bay
Mould Bay
Sachs Harbour
Coppermine
Aklavik
Barrow
Fairbanks
Nome
Mys Dezhneva
Yakutat
Mt Edgecumbe
Cold Bay
Kodiak
Anadyr
Markovo
Okhotsk
Zyrianka
Verkhoyansk
Chokurdakh
Kresty Kolymskoye
Ostrov Kotelny
Ostrov Jokhova
Mys Chelyuskin
Tiksi
Dikson Ostrov
Tazovskoye
Mare Sale
Yakutsk
Jakutsk
Vilyuysk
Kazachie
Khatanga
Dudinka
Norilsk
Ostrov Vaygach
Mys Zhelaniya
Barentsburg
Bjornoya
Danmarkshavn
Tule
Eureka
Alert
Isachsen
Resolute Bay
Arctic Bay
Ostrov Sredniy
Husky
Gaian
Mare Sale
Ostrov Kolguyev
Naryan Mar
Ukhta
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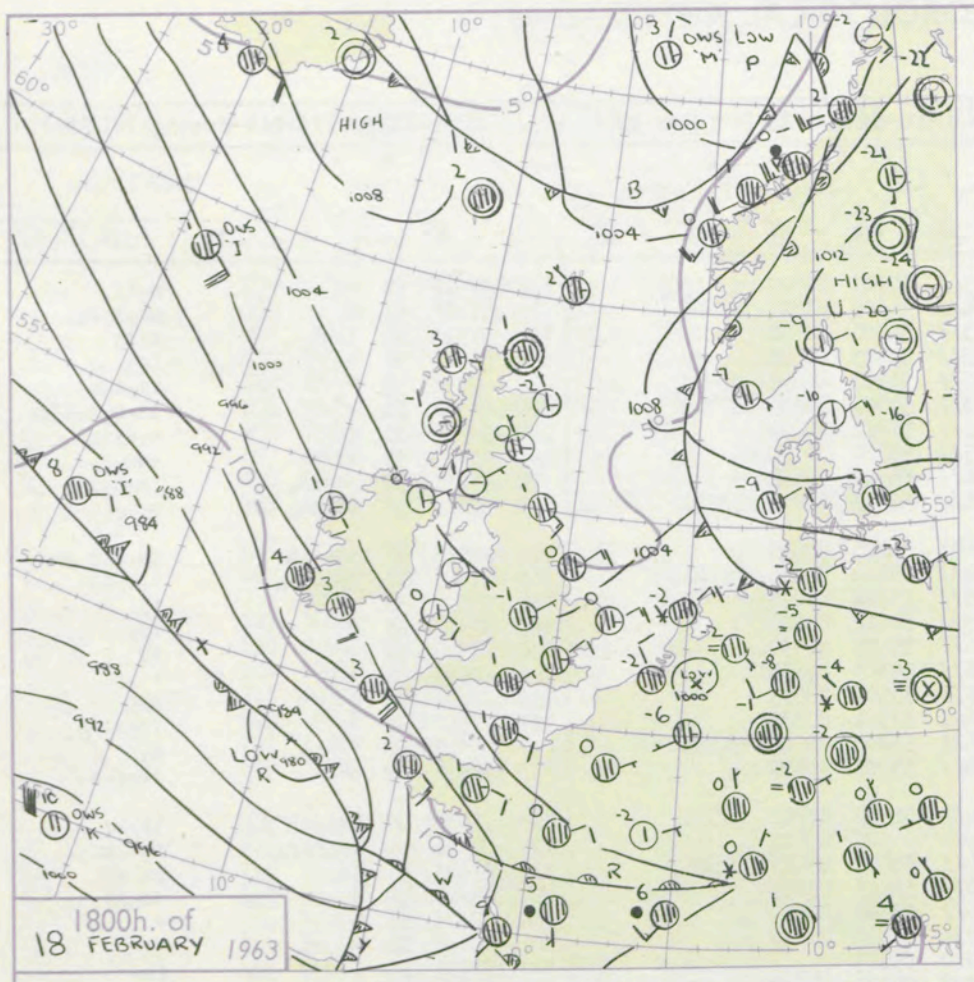

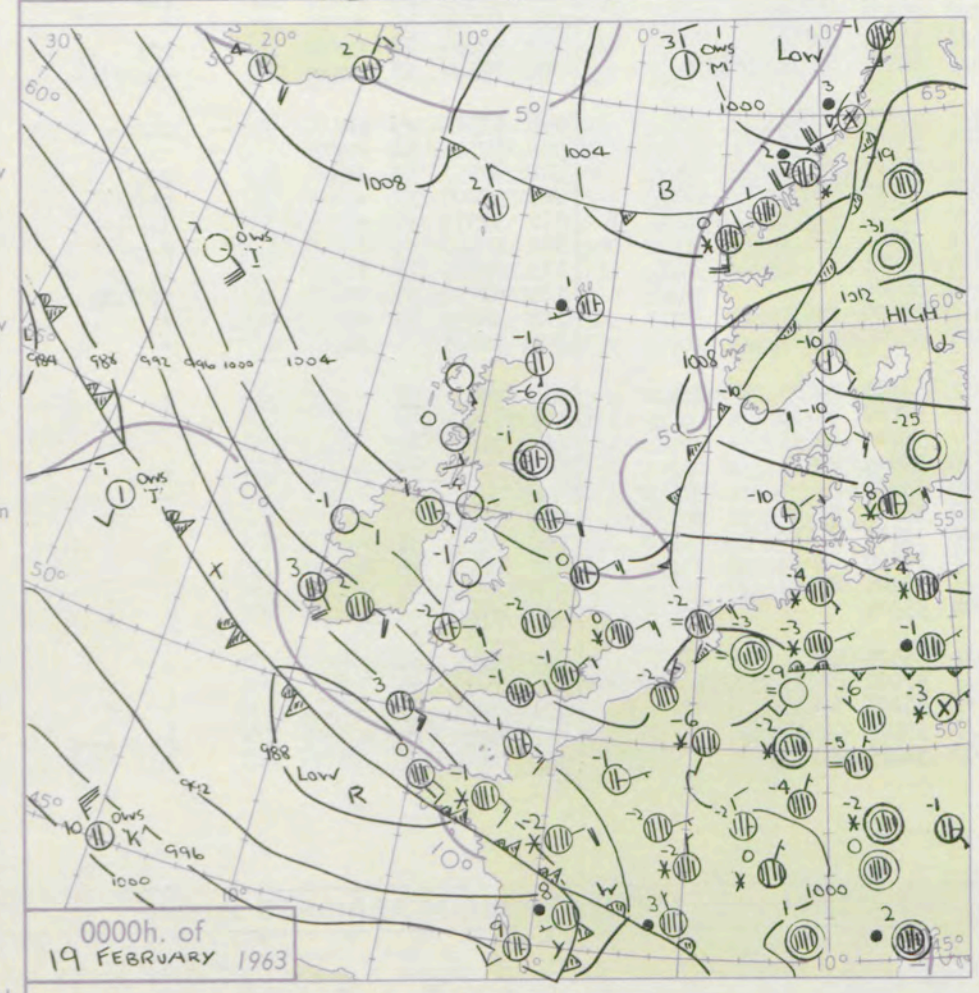

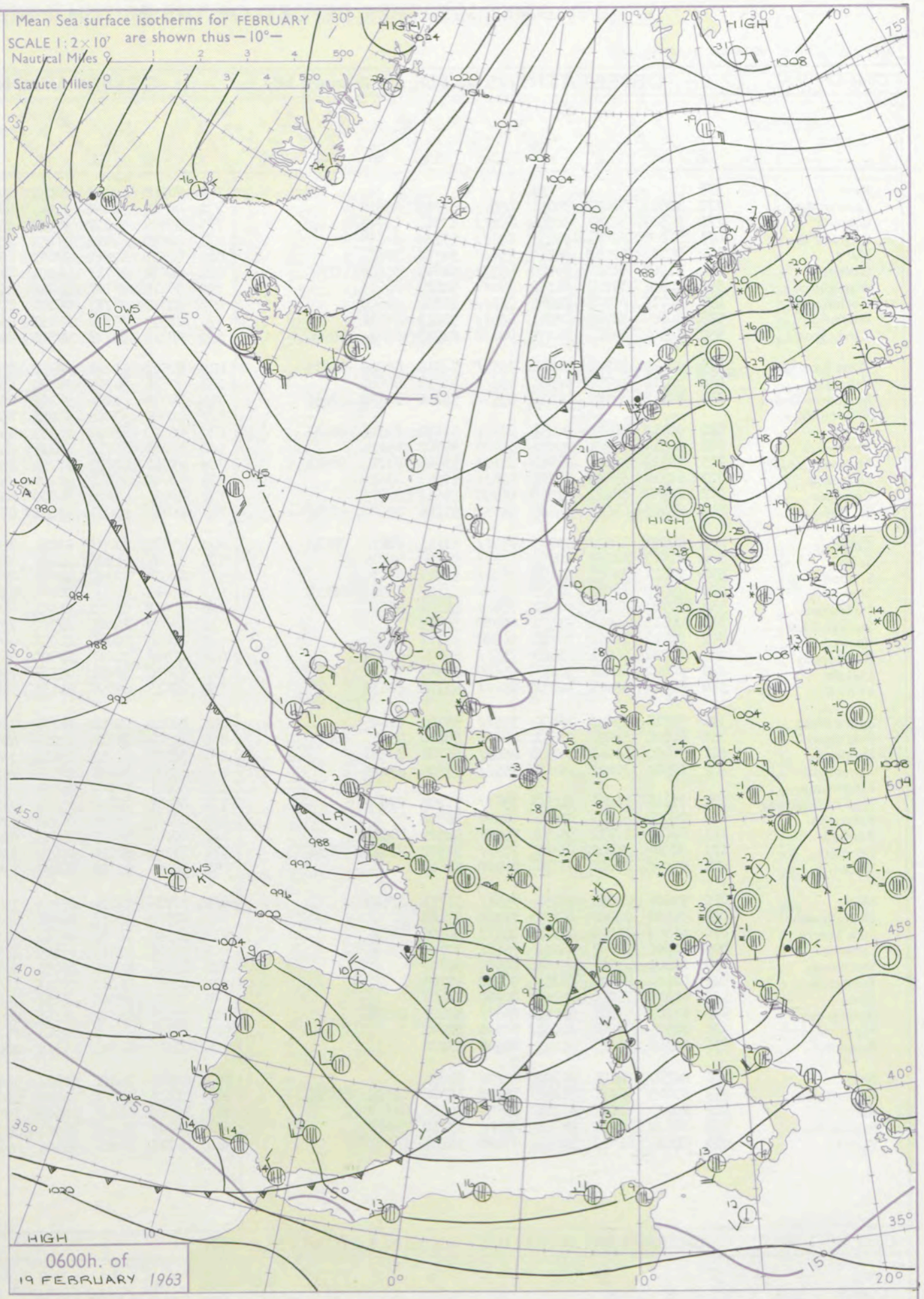

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 19 February** 1963

A trough of low pressure has persisted to the southwest of the British Isles and a depression in the southwest approaches has drifted slowly eastwards towards Brittany. This low is likely to move into France with some filling while a further depression develops further east over Central Europe. An anticyclone will be slow moving over the northeast of Greenland with a ridge extending towards northern Scotland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Scotland, Northern Ireland and northwest England will have bright periods and a few isolated snow showers. The remainder of England and Wales will be mostly cloudy with snow at times mainly slight, but moderate in places, especially in east Anglia and the southeast of England. It will be mostly very cold with widespread night frost.

OUTLOOK for following 24 hours

Very cold with further snow at times especially in the south and east.

Code FM 11.A

OBSERVATIONS at 00h. 19 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775			51					
London Airport	772	80510	58037	00651	856//	53715	88630		
Gatwick	776	80507	50051	00352	864//	53716	88713		
Thorney Island	871	80608	62021	99951	856//	53710	88632		
Hurn	862	80708	62032	99551	856//	54712	88631		
Guernsey	894	81027	64022	95900	5557/	54719	85620	87360	
Wattisham	590	80308	37707	01352	856//	54612	88631		
Gorleston	497	80715	60707	02250	855//	51708	88620		
Mildenhall	578	80605	58708	02051	856//	53612	88631		
Cardington	559	80508	59028	01451	884//	52713	84811	88640	
West Raynham	485	80610	58708	02051	855//	54712	83620	88635	
Wittering	462	80710	48707	02551	855//	53611	88621		
Boscombe Down	746	80912	58032	00452	855//	54711	84620	88636	
Ross-on-Wye									
Bristol	628	80712	58052	00851	884//	54612	82818	88635	
Aberporth	502	50915	59031	99952	00906	56302	85275		
Rhoose (Cardiff)	715	80820	59021	98951	854//	53603	83614	88629	
Plymouth	827	80718	59022	94801	856//	52613	88630		
Chivenor	707	60918	56021	97250	00908	55613	86275		
St. Mawgan	817	81023	66032	94001	5553/	53708	85620	88359	
Culdrose	809	80929	70022	93002	854//	53715	84710	88618	
Scilly	804	81027	61022	90803	855//	53708	88625		
Elmdon	534	80612	58027	01152	856//	53713	88636		
Shawbury	414	80710	40042	02051	855//	53709	83620	88641	
Manchester	334	70707	58021	02951	756//	55608	87637		
Squires Gate	318	00615	66011	03552	00900	56705			
Valley	302	00712	58040	01751	00900	57707			
Ronaldsway	204	71024	66031	03600	755//	55602	87625		
Carlisle	222	30000	48031	06253	35600	55500	83635		
Watnall	354	80610	58028	02752	856//	53712	88635		
Spurn Head	396	70716	59028	03400	755//	55709	87625		
Finningley	360	80604	63028	03651	886//	54710	85833	88656	
Dishforth	261	80406	69012	04752	856//	55808	88640		
Tynemouth	262	70920	74022	05401	755//	53806	87625		
Eskdalemuir									
Mull of Galloway	131	71118	74031	04000	756//	51202	87630		
Prestwick	135	00804	62020	04954	00900	56001			
Renfrew	141	80000	30772	05651	856//	52502	88632		
Leuchars	171	70000	58042	05551	785//	51500	83825	87634	
Dyce	091	00000	37048	07356	00900	57604			
Wick	075	72906	83038	06151	755//	52711	87625		
Cape Wrath	049	00000	83020	06201	00900	57400			
Sule Skerry	010	41802	85012	05303	455//	00706	84625		
Lerwick	005	72607	66607	04901	756//	00708	87640		
Stornoway	026	01205	83021	05901	00900	52806			
Benbecula	022	01004	86020	05353	00900	55703			
Tiree	100	01310	86010	05100	00900	53400			
Aldergrove	917	71207	59041	03601	756//	52602	87631		
Malin Head	980	01303	80020	04001	00900	52500			
Belmullet	976	00909	74010	01151	00900	53206			
Birr	965	00710	74021	99800	00900	54005			
Collinstown	969	31015	66031	01250	35500	55302	82620	83630	
Rineanna	962	10917	62011	97701	15500	54400	81627		
Roches Point	952	80922	74031	95302	855//	53810	88625		
Valentia	953	61018	66012	94003	65600	54704	86635		

OBSERVATIONS at 06h. 19 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	80513	60022	98051	855//	54708	86620		
London Airport	772	80512	58268	98351	884//	54508	81815	88628	
Gatwick	776	80409	59227	98051	855//	54506	88621		
Thorney Island	871	80610	62022	97451	855//	53505	88625		
Hurn	862	80510	62012	97651	855//	54501	82621	88629	
Guernsey	894	81022	23717	94451	873//	53608	82706	87710	
Wattisham	590	80411	48707	99052	855//	55712	88627		
Gorleston	497	80717	56717	00251	875//	53607	88720		
Mildenhall	578	80505	59707	00151	856//	54607	88631		
Cardington	559	80414	59707	99551	884//	52607	83812	88640	
West Raynham	485	80511	59227	99952	856//	54706	88633		
Wittering	462	80611	48717	00852	854//	53604	86616	88621	
Boscombe Down	746	80813	61022	98252	855//	55504	88628		
Ross-on-Wye	627	80609	57022	98851	855//	54612	88620		
Bristol	628	80610	62022	98951	856//	55605	88630		
Aberporth	502	80810	60031	98751	856//	55303	88634		
Rhoose (Cardiff)	715	80818	62022	97751	856//	53500	88635		
Plymouth	827	80620	56042	93700	856//	53501	88630		
Chivenor	707	80811	59022	96050	6562/	53000	86643	88458	
St. Mawgan	817	80815	58227	93451	854//	53302	88616		
Culdrose	809	80924	58707	92201	854//	01502	83708	88612	
Scilly	804	81023	61027	90002	855//	01503	88622		
Elmdon	534	80608	62707	99651	854//	54605	85617	88625	
Shawbury	414	80712	58027	00851	856//	55503	88635		
Manchester	334	60510	61022	01551	656//	53606	86642		
Squires Gate	318	70309	70021	02752	757//	55502	87650		
Valley	302	00608	58040	01051	00900	55603			
Ronaldsway	204	40721	74031	02800	45500	56503	83625		
Carlisle	222	70602	48031	05553	756//	55501	87640		
Watnall	354	80613	62858	01152	854//	54505	83617	88630	
Spurn Head	396	80818	59858	01700	855//	54605	88625		
Finningley	360	40307	66018	02251	45600	56604	84645		
Dishforth	261	30508	80017	03554	35600	58503	83642		
Tynemouth	262	60918	74028	04600	656//	52702	86630		
Eskdalemuir	162	60202	58707	06456	656//	57709	86633		
Mull of Galloway	131	80915	74022	04101	856//	51703	88630		
Prestwick	135	00802	66020	05358	00900	59201			
Renfrew	141	00000	07467	05755	00900	56400			
Leuchars	171	33104	56041	05452	35600	53400	83630		
Dyce	091	10000	69018	06457	15600	58701	81635		
Wick	075	72706	86021	05752	2563/	53703	82635	87362	
Cape Wrath	049	82302	86030	05201	866//	00709	88730		
Sule Skerry	010	52702	85031	04803	555//	00705	85625		
Lerwick	005	23305	82018	03300	13560	50605	81925		
Stornoway	026	02905	80020	06154	00900	55202			
Benbecula	022	10000	86010	05653	15600	55503	81645		
Tiree	100	21304	86010	05401	25600	53501	82637		
Aldergrove	917	81005	62022	04151	856//	52500	88640		
Malin Head	980	71307	80021	04001	757//	53203	87650		
Belmullet	976	00916	74020	01852	00900	53304			
Birr	965	80813	74021	00300	856//	56305	88631		
Collinstown	969	81018	74021	01150	856//	57500	88633	53219	
Rineanna	962	70818	62021	98600	756//	56207	87630		
Roches Point	952	80820	69022	96301	855//	55207	88628		
Valentia	953	40710	66011	95901	45600	54215	84635		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97516	52	+	s_os_o
London Airport	772	97513	51	+	$ps_os_os_o$
Gatwick	776	97525	54	is_o	s_os_o
Thorney Island	871	97513	54	+	is_o
Hurn	862	97518	53	+	$is_os_os_o$
Guernsey	894	01516	52	+	$is_or_os_os_os_o$
Wattisham	590	92537	53	is_o	s_os_oss
Gorleston	497	95517	52	is_o	$ssss_os_o$
Mildenhall	578	97526	52	$ps_oi_s_o$	$is_os_os_o$
Cardington	559	97525	53	$is_op_os_o$	s_os_o
West Raynham	485	92527	56	$ps_os_os_o$	$is_os_os_oss$
Wittering	462	91525	53	$is_os_os_o$	s_os_ois
Boscombe Down	746	97526	53	+	is_o
Ross-on-Wye	627	97527	53	+	is_o
Bristol	628	97526	53	+	is
Aberporth	502	00523	54	+	+
Rhoose (Cardiff)	715	97526	52	+	is_o
Plymouth	827	97518	52	+	$is_os_os_o$
Chivenor	707	97515	52	+	s_os_o
St. Mawgan	817	97526	52	+	$is_os_os_o$
Culdrose	809	97007	00	is_o	is_ois
Scilly	804	01011	//	$ir_or_os_o$	$r_os_opr_o$
Elmdon	534	97525	53	is_o	ps_oss
Shawbury	414	97525	54	+	is_oss
Manchester	334	00523	53	+	+
Squires Gate	318	00555	58	+	+
Valley	302	97523	54	+	ps_o
Ronaldsway	204	00505	52	+	+
Carlisle	222	97566	57	+	ps_o
Watnall	354	91526	53	ps_o	ps_opsif
Spurn Head	396	97515	//	ps_o	ps_o
Finningley	360	97526	53	ps_o	+
Dishforth	261	97557	57	is_o	is_o
Tynemouth	262	97006	53	+	ps_o
Eskdalemuir	162	97577	58	+	is_o
Mull of Galloway	131	00523	//	/	/
Prestwick	135	00505	61	+	+
Renfrew	141	97576	59	ifis	$ffFFis_o$
Leuchars	171	00555	57	+	+
Dyce	091	91509	63	ps_o	+
Wick	075	00543	55	+	+
Cape Wrath	049	00513	54	+	+
Sule Skerry	010	01022	52	/	/
Lerwick	005	02526	55	ir_os_o	r_os_o
Stornoway	026	00553	57	+	+
Benbecula	022	00555	62	+	+
Tiree	100	00523	61	+	+
Aldergrove	917	00535	56	+	+
Malin Head	980	97523	54	/	/
Belmullet	976	97533	56	/	/
Birr	965	00523	55	/	/
Collinstown	969	97513	52	/	/
Rineanna	962	00000	51	/	/
Roches Point	952	00011	00	/	/
Valentia	953	00000	52	/	/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33000	80923	70022	96307	855//	00212	/////	/////	00104	10955	1////
B	30565	51000	82738	88717	92452	873//	00246	88707	/////	05955	17853	1////
C	30573	35500	80226	59616	83204	6742/	00824	86710	88525	05503	10967	1////
D	30440	41000	82936	65808	17405	825//	00219	88825	/////	06701	17951	1////
I	30591	18900	11130	98011	00107	15600	00207	81630	/////	05451	16141	1////
J	30531	18000	21608	98016	88107	22500	33249	82820	/////	05704	11632	12845
K	30451	14900	43033	65031	99810	25602	24215	82640	/////	05304	17743	12356
M	33663	02700	23411	75011	00203	22500	00302	82825	/////	05600	13421	11913

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_hC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33006	50820	70018	98606	55500	00211	/////	/////	00103	10845	1////
B	30565	51006	62027	63027	99458	65300	00229	88615	/////	07164	17821	1////
C	30573	35506	80920	65026	82007	42500	00210	84820	/////	00005	10957	1////
D	30440	41006	82725	61878	20305	825//	00110	88825	/////	06800	12959	1////
I	30589	18806	81224	97216	00207	856//	00803	88640	/////	05351	16242	1////
J												
K	30453	13706	52632	65028	00610	28503	24208	81826	84076	05304	17743	12356
M	33662	02806	73620	75028	99602	78500	00702	83810	87630	05953	13622	11912

CONVE TAB

°C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 — 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36980

Date of Issue Wednesday 20 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 19 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	70513	23268	99050	726//	55102	84709	85835	
London Airport	772	80512	40018	99250	804//	53203	84813	88635	
Gatwick	776	70407	56227	98551	47332	54101	81708	83713	87070
Thorney Island	871	80612	56227	98350	62407	53000	81710	86816	88268
Hurn	862	80611	48017	98300	5552/	53103	84715	85622	88460
Guernsey	894	70920	56057	96201	755//	51206	84712	87620	
Wattisham	590	80511	20717	00252	854//	53308	86612	88618	
Gorleston	497	70711	56227	01051	784//	52208	84817	87626	
Mildenhall	578	80708	28717	00851	856//	53102	85710	88630	
Cardington	559	70213	37718	00251	755//	52103	85709	87625	
West Raynham	485	70515	48857	01052	785//	53205	85820	87640	
Wittering	462	80716	20717	01752	855//	53104	87711	88620	
Boscombe Down	746	80613	50057	99051	37407	53803	83711	88275	
Ross-on-Wye	627	80511	57857	00451	864//	54105	88710		
Bristol	628	70413	59268	00351	784//	55104	83815	87625	
Aberporth	502	70815	58851	00600	725//	54206	87825		
Rhoose (Cardiff)	715	60722	59018	99951	42406	54207	84815	86275	
Plymouth	827	80716	46687	96100	856//	52214	82710	88630	
Chivenor	707	70915	59037	98101	31408	53105	83812	87275	
St. Mawgan	817	80614	57027	96350	7561/	53212	84712	87630	88459
Culdrose	809	80728	09727	94900	7722/	00213	87705	88512	
Scilly	804	60923	32687	94302	654//	00217	84705	86612	
Elmdon	534	70614	62707	01151	755//	54105	81710	87625	
Shawbury	414	60712	62227	02051	68500	54105	81715	83825	85640
Manchester	334	50516	61021	02800	52600	55206	85830		
Squires Gate	318	10820	66021	04002	11500	55104	81822		
Valley	302	20818	59040	02801	22500	53210	82825		
Ronaldsway	204	60721	80031	04301	62500	54006	86820		
Carlisle	222	20908	61028	06401	18440	52104	81818		
Watnall	354	40715	74858	02351	42500	55205	84825		
Spurn Head	396	50915	59018	02950	52500	56202	85825		
Finningley	360	50714	66268	03600	58600	56103	85830		
Dishforth	261	20609	62158	04851	23400	56004	81915		
Tynemouth	262	70815	74168	05401	785//	52102	84828	87632	
Eskdalemuir	162	70403	74707	07252	755//	54103	87624		
Mull of Galloway	131	20914	74020	05801	12501	54207	81825		
Prestwick	135	00304	58040	06800	00900	53208			
Renfrew	141	70000	03427	06953	762//	53703	87703		
Leuchars	171	12507	58041	06001	10930	53801	81360		
Dyce	091	60010	48041	06853	657//	54002	86656		
Wick	075	72810	69707	05501	784//	00702	84815	87630	
Cape Wrath	049	71802	82707	06101	735//	00400	87925		
Sule Skerry	010	70202	82018	04804	785//	00400	83820	87625	
Lerwick	005	23207	87031	03802	28503	50001	81820		
Stornoway	026	72903	89031	07303	1257/	51206	81825	87362	
Benbecula	022	32103	89021	07205	11531	52107	81826		
Tiree	100	30000	86011	06903	38500	53205	82824		
Aldergrove	917	10916	69021	05401	11500	53104	81825		
Malin Head	980	51114	86022	06302	515//	53109	85828		
Belmullet	976	10914	74030	04803	11500	55212	81827		
Birr	965	50511	74022	02801	585//	55211	82822		
Collinstown	969	70816	69857	03401	785//	53214	86820		
Rineanna	962	60816	69032	02102	625//	55117	86828		
Roches Point	952	70920	58858	99702	784//	54215	83818	87630	
Valentia	953	70510	66052	00802	756//	53224	87632		

OBSERVATIONS at 18h. 19 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	80416	28858	00151	884//	55310	84815	88635	
London Airport	772	80312	48708	00351	854//	53311	82615	88640	
Gatwick	776	70411	48707	99551	755/1	55309	87625	85075	
Thorney Island	871	50408	48057	99651	15501	54311	81620	85070	
Hurn	862	80310	56017	99251	854//	55309	83615	88635	
Guernsey	894	80620	23687	96200	855//	53210	85710	88620	
Wattisham	590	70108	37858	01053	755//	54312	83715	87628	
Gorleston	497	70610	56057	00851	755//	52301	87626		
Mildenhall	578	60305	57038	01553	655//	54307	83620	86635	
Cardington	559	70212	58268	01652	784//	53311	84815	87640	
West Raynham	485	30211	48268	01454	38400	55203	82818		
Wittering	462	50512	58027	02452	584//	55305	81818	85630	
Boscombe Down	746	70611	48052	00251	755//	55210	82716	87627	
Ross-on-Wye	627	80611	57028	01951	855//	55317	88620		
Bristol	628	80311	40227	01351	854//	55310	87612	88625	
Aberporth	502	40014	59018	02551	38540	57315	81822	83650	
Rhoose (Cardiff)	715	70716	48707	00451	755//	54210	84712	87625	
Plymouth	827	80815	32027	98400	855//	53213	85620	88650	
Chivenor	707	80712	56268	00050	854//	52213	85612	88635	
St. Mawgan	817	50516	58012	98551	15601	53314	81630	85075	
Culdrose	809	80517	50027	97800	4742/	52218	84710	88518	
Scilly	804	70823	48027	96601	754//	53207	87614		
Elmdon	534	20508	50048	02453	28500	56313	81820		
Shawbury	414	20408	56011	03753	28500	55310	82825		
Manchester	334	30512	59018	04152	32600	55312	83830		
Squires Gate	318	10509	62021	04852	18530	56210	81820		
Valley	302	30513	61040	04250	38500	55312	82825		
Ronaldsway	204	50213	62151	05600	58500	54310	83825	83630	
Carlisle	222	20102	61010	07152	15630	54310	81635		
Watnall	354	60607	48038	03753	655//	55306	86625		
Spurn Head	396	60511	59268	03051	68500	55206	83825	84630	
Finningley	360	50212	63018	04552	55600	56310	85640		
Dishforth	261	60207	82038	05353	646//	55209	81630	86645	
Tynemouth	262	70615	74028	05801	755//	51203	87628		
Eskdalemuir	162	50000	70031	08255	555//	57307	85627		
Mull of Galloway	131	20510	74020	05700	22500	00704	82820		
Prestwick	135	40603	46040	06853	4093/	54205	84362		
Renfrew	141	32603	11044	07501	35731	54211	83650		
Leuchars	171	62506	58041	06552	50931	54306	85360		
Dyce	091	73107	48701	06851	755//	53202	86625	87650	
Wick	075	62908	80017	05700	685//	50806	83820	85625	
Cape Wrath	049	63202	82017	07201	655//	51209	86625		
Sule Skerry	010	63613	58048	05203	635//	02205	86920		
Lerwick	005	73609	85028	04701	784//	50208	81815	83628	86640
Stornoway	026	72703	86028	07702	785//	51205	81823	87645	
Benbecula	022	23003	85011	08001	15639	51207	81640		
Tiree	100	53406	86031	08100	14506	54210	81625	85275	
Aldergrove	917	10303	82020	07051	11501	55311	81825		
Malin Head	980	11205	80021	07900	14600	55311	81630		
Belmullet	976	20708	69011	06751	25600	54214	82638		
Birr	965	60108	74022	05200	685//	56217	82822	86636	
Collinstown	969	50614	80018	04800	52500	55208	85825		
Rineanna	962	70509	69022	04801	756//	54222	87640		
Roches Point	952	70212	66028	02701	756//	52218	07635		
Valentia	953	70508	66052	03901	78500	53222	82825	87635	

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97006	000	$s_os_ops_ops$	$ps_oi_os_o$
London Airport	772	97013	002	$s_os_ops_o$	i_os_o
Gatwick	776	91005	004	i_os_o	$i_os_os_os_o$
Thorney Island	871	91013	001	$s_os_oi_os_o$	+
Hurn	862	92003	///	$s_os_ci_os_o$	+
Guernsey	894	03017	000	$r_os_oi_os_o$	$i_os_or_os_os_os_o$
Wattisham	590	91517	///	sss_os_o	ps_o
Gorleston	497	94507	000	ssis	is
Mildenhall	578	92006	011	$s_os_ops_o$	ps_o
Cardington	559	91516	001	ps_oss	ps_o
West Raynham	485	02527	017	$sss_os_ops_oks_o$	$pspsks_o$
Wittering	462	92516	001	isss	sss_os_o
Boscombe Down	746	97516	000	$i_os_os_o$	+
Ross-on-Wye	627	97006	006	$i_os_ps_ops$	+
Bristol	628	91006	003	$isps_oi_os_o$	$i_os_os_o$
Aberporth	502	97013	024	ps_o	+
Rhoose (Cardiff)	715	97507	003	$s_os_ops_o$	$ps_oi_os_os_o$
Plymouth	827	97013	000	$s_os_oir_os_o$	+
Chivenor	707	97023	006	$s_os_oi_os_o$	ps_o
St. Mawgan	817	92015	017	s_os_c	+
Culdrose	809	97007	000	is	s_os_o
Scilly	804	93631	000	ir_os_o	+
Elmdon	534	91505	011	sss_os_o	$i_os_ops_o$
Shawbury	414	92015	029	s_os_o	+
Manchester	334	97013	062	+	ps_o
Squires Gate	318	00035	076	+	+
Valley	302	00023	075	+	+
Ronaldsway	204	00025	062	+	jp
Carlisle	222	00025	081	+	+
Watnall	354	91006	052	ps_off	+
Spurn Head	396	97015	044	+	ps_o
Finningley	360	97016	043	ps_o	+
Dishforth	261	97007	064	ps_o	+
Tynemouth	262	97015	012	ps_o	+
Eskdalemuir	162	97507	041	is_o	+
Mull of Galloway	131	00023	///	/	/
Prestwick	135	00035	078	+	+
Renfrew	141	97033	032	FFisff	if
Leuchars	171	00025	054	+	+
Dyce	091	92038	032	+	is_o
Wick	075	94031	008	$isis_o$	pr_os_o
Cape Wrath	049	03035	///	ps	ps
Sule Skerry	010	01042	///	/	/
Lerwick	005	97035	058	pr_o	pr_o
Stornoway	026	01051	024	+	$pr_opr_os_o$
Benbecula	022	00055	093	+	+
Tiree	100	00053	084	+	+
Aldergrove	917	00025	084	+	+
Malin Head	980	0002/	061	/	/
Belmullet	976	9703/	076	/	/
Birr	965	0002/	034	/	/
Collinstown	969	9702/	030	/	/
Rineanna	962	0003/	023	/	/
Roches Point	952	9702/	000	/	/
Valentia	953	0003/	011	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33012	80825	74028	00106	856//	00105	/////	/////	00103	10856	1////
B	30565	51012	82315	56857	00557	824//	00400	88815	/////	07060	12756	1////
C	30573	35512	80715	61801	83207	6847/	00400	82815	86623	00005	15860	1////
D	30440	41012	82512	65158	22506	885//	00215	83820	85630	06700	13048	1////
I	30586	18912	61418	97156	04207	694//	00114	83918	84645	05501	11349	1////
J												
K												
M	33662	02812	83422	70878	01900	895//	00312	81920	85820	06254	13423	1////

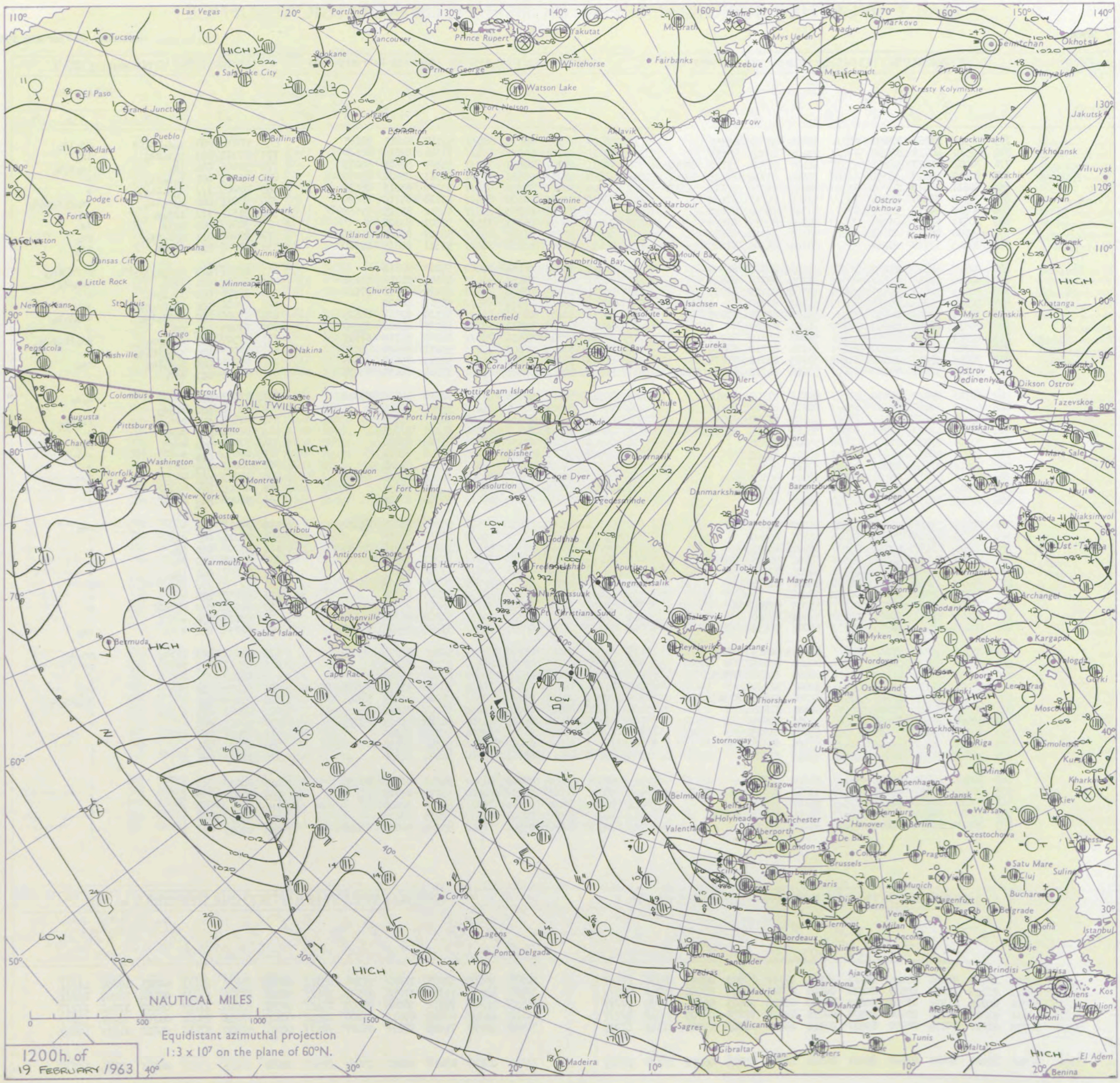
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33018	80828	74022	99706	856//	00705	/////	/////	00203	10867	1////
B	30565	51018	72719	37858	01359	724//	00105	87815	/////	07364	12747	1////
C	30577	36218	72748	56806	86803	7741/	00341	87810	/////	05402	17743	1////
D	30440	41018	62709	69012	21809	22536	00605	82825	830//	06251	12947	1////
I	30588	18918	71510	97278	05907	795//	00210	84920	87640	05602	11533	11649
J												
K												
M	33661	02818	83418	80022	03600	855//	00206	88625	/////	06253	13434	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Portland
Tucson
Vancouver
Prince Rupert
Yakutat
Whitehorse
Prince George
Watson Lake
Fort Nelson
Fairbanks
McGrath
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Anadyr
Markovo
Okhotsk
Zeimtchan
Yakutsk
Batrow
Aklavik
Fort Simpson
Fort Smith
Coppermine
Sachs Harbour
Mould Bay
Cambridge Bay
Baker Lake
Churchill
Island Falls
Winnipeg
Rankin
Rapid City
Billings
Pueblo
El Paso
Grand Junction
Oakland
Dodge City
Fort Worth
Omaha
Kansas City
Little Rock
Minneapolis
Chicago
Nakina
Winisk
Detroit
Toronto
Ottawa
Montreal
Washington
New York
Boston
Caribou
Yarmouth
Antigonish
Cape Harrison
Sable Island
Bermuda
Stephenville
Gander
Cape Race
Goose
Frobisher
Resolution
Cape Dyer
Fort Chimo
Nottingham Island
Port Harrison
Coral Harbour
Arctic Bay
Thule
Alert
Eureka
Isachsen
Churchill
Godthab
Frederikshab
Narssarssuk
Pr. Christians Sund
Angmagssalik
Aputiteq
Cape Tobin
Jan Mayen
Reykjavik
Dalatangi
Thorshavn
Stornoway
Lerwick
Glasgow
Belmullet
Belfast
Holyhead
Manchester
Aberporth
Valentia
London
De Bilt
Brussels
Paris
Hamburg
Berlin
Hanover
Prague
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Bern
Geneva
Milan
Ajaccio
Rome
Barcelona
Madrid
Lisbon
Sagres
Coruna
Santander
Bordeaux
Nimes
Gibraltar
Algiers
Tunis
Malta
Brindisi
Athens
Kos
Istanbul
Sofia
Belgrade
Bucharest
Satu Mare
Cluj
Suliu
Warsaw
Gdansk
Czestochowa
Kiev
Kharkov
Smolensk
Moscow
Gorki
Archangel
Kargapol
Vologda
Leningrad
Riga
Oslo
Stockholm
Copenhagen
Myken
Nordoyan
Reboly
Ostersund
Vaasa
Helsinki
Vyborg
Ostrov Jokhova
Ostrov Kolguev
Ostrov Kotelny
Ostrov Vrangelya
Ostrov Ledeneva
Mys Chelinskin
Dikson Ostrov
Tazevskoe
Russkaia
Mare Sale
Yuzhno Sakhalinsk
Khabarovsk
Blagoveshchensk
Chokurdakh
Verkhoyansk
Kazachie
Jokhon
Olenek
Khatanga
Vilyuysk
Zyrianka
Krasty Kolymskie
Mys Shmidta
Barentsburg
Danmarkshavn
Daneborg
Myllye Kati
Ust - Tsilma
Pechora
Nyuji
Aleksinvol
Moseda
Nordvik
Tiksi
Yakutsk
Jakutsk
Dzhalinda
Chita
Kyakhta
Ulan Bator
Peking
Nanking
Shanghai
Hong Kong
Taipeh
Naha
Iwo Jima
Wake Island
Midway
Honolulu
Johnston Island
Canton
Fanning
Christmas
Tarawa
Nauru
Funafuti
Suva
Nandi
Noumea
Auckland
Wellington
Christchurch
Dunedin
Campbell Island
Macquarie Island
Hobart
Melbourne
Adelaide
Perth
Alice Springs
Darwin
Port Moresby
Rabaul
Truk
Guam
Manila
Saigon
Bangkok
Rangoon
Calcutta
Bombay
Karachi
Delhi
Jodhpur
Kabul
Tashkent
Alma Ata
Frunze
Semipalatinsk
Omsk
Novosibirsk
Barnaul
Irkutsk
Bratsk
Ust Kut
Tura
Turukhansk
Igarka
Dikson
Ostrov Dikson
Ostrov Uedineniya
Ostrov Sverdrupa
Ostrov Kotelny
Ostrov Vrangelya
Ostrov Jokhova
Ostrov Kolguev

CHARTS OF WEATHER IN WEST EUROPE

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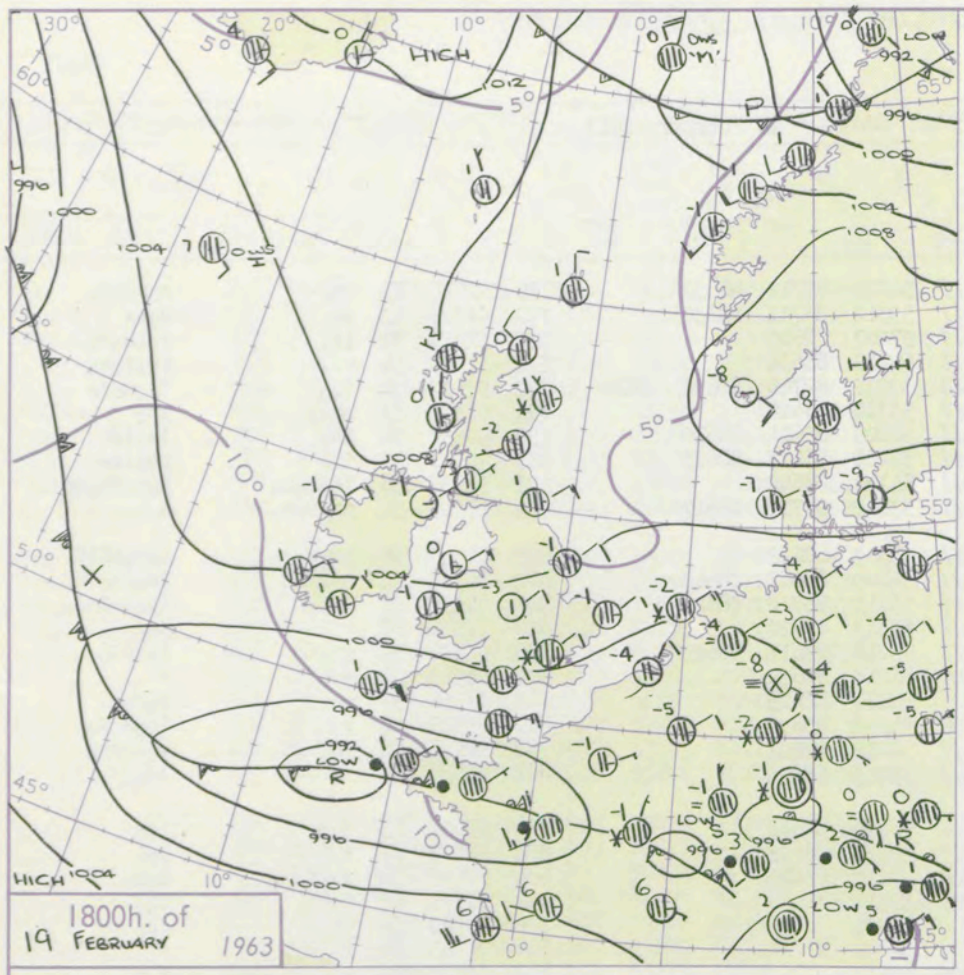

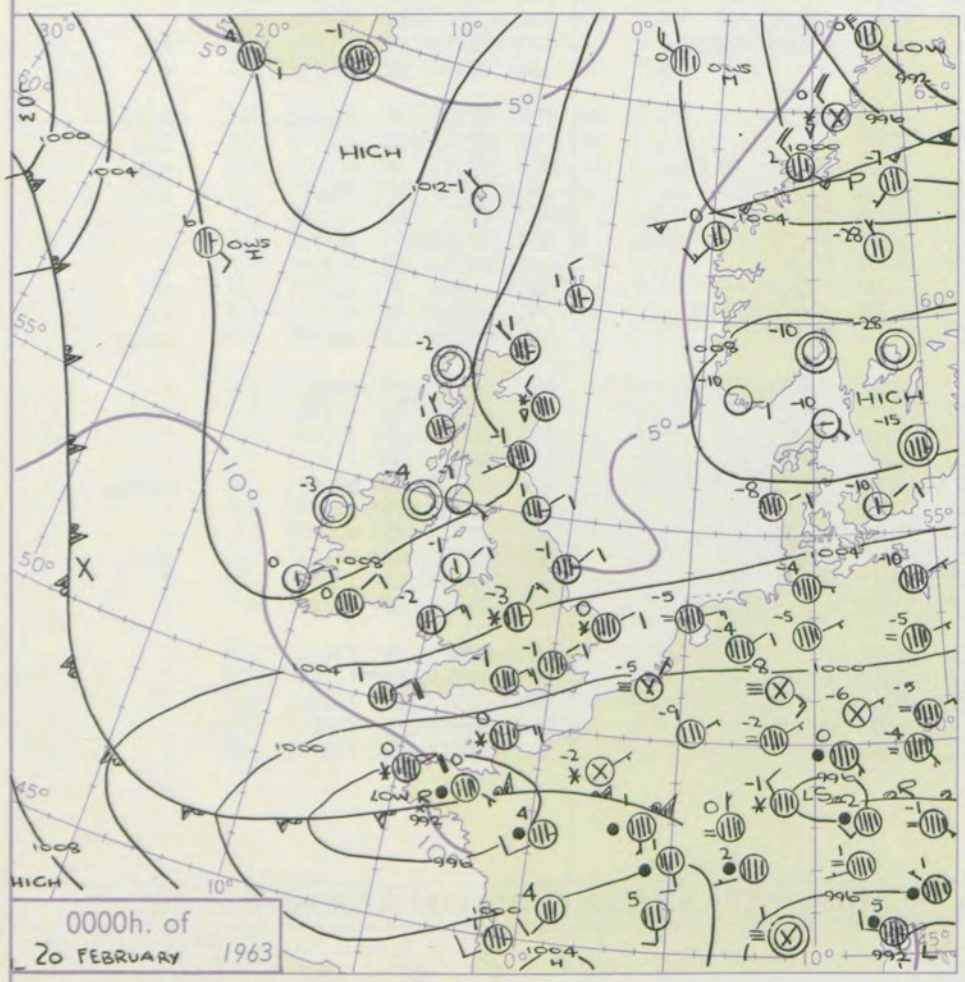

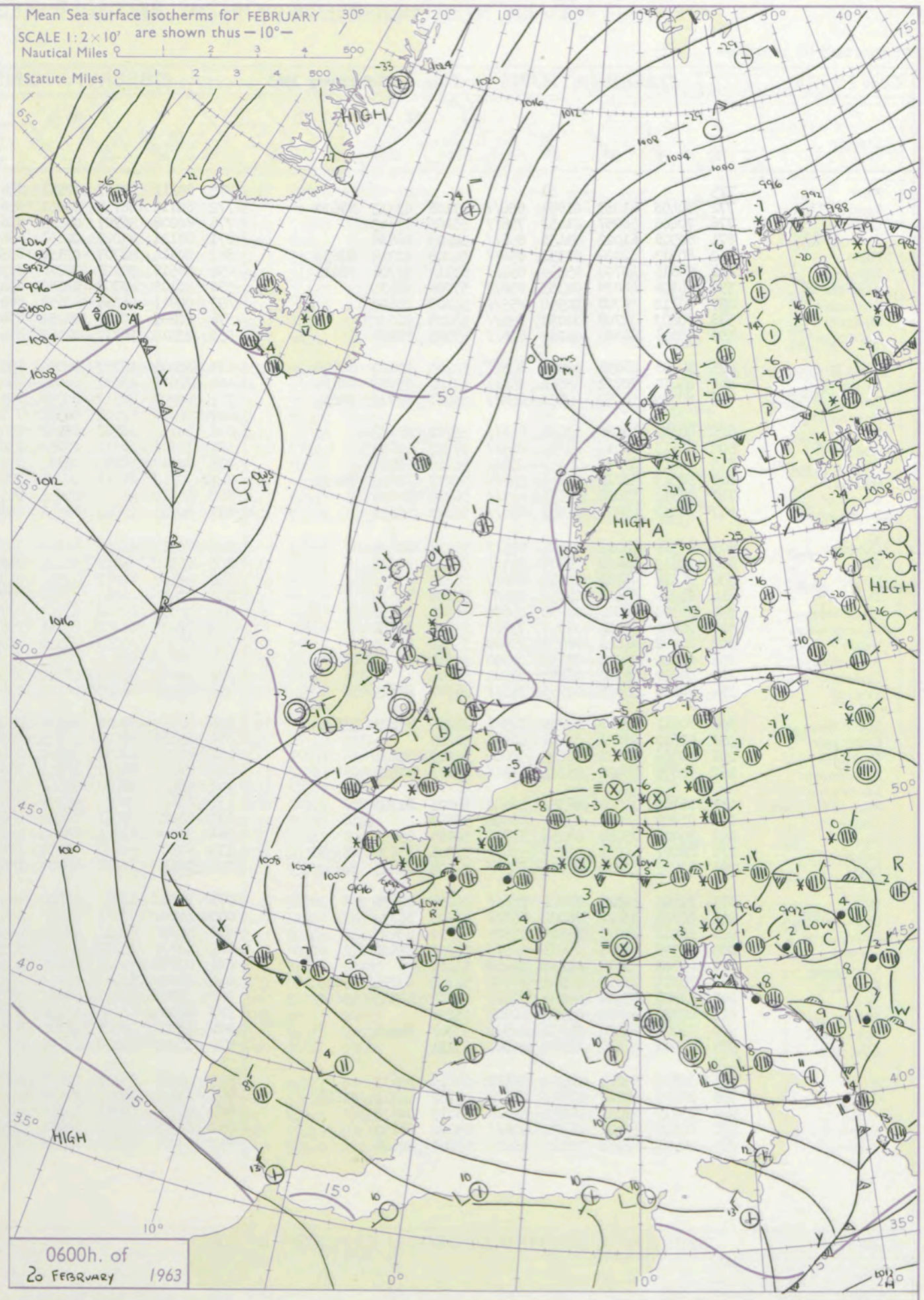

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Wednesday 20 February 1963

The depression to west of Brest yesterday has moved slowly southeast and will fill and transfer east over France as northerlies become established on its west flank leading to marked troughing over the west Mediterranean. The trough south of Iceland is filling and a pressure build now occurring over southwest areas of the British Isles will link with a weak Atlantic ridge moving east on the northern flank of an anticyclone transferring to the northwest of Spain.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Very cold with persistent frost in parts of the south and extensive frost tonight. Variable cloud and showers, mainly of sleet and snow. Showers will become confined chiefly to western and northern districts by tomorrow. Patches of fog will form in places in the north tonight.

OUTLOOK following 24 hours.

Still generally cold with night frosts and some fog patches. Scattered light showers.

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

Code FM 11.A

OBSERVATIONS at 00h. 20 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775			51					
London Airport	772	80408	61037	01851	856//	53108	83713	88630	
Gatwick	776	70406	58057	01452	756//	55209	87643		
Thorney Island	871	80508	61022	01451	856//	54209	88638		
Hurn	862	80313	62022	01351	856//	54209	82718	88633	
Guernsey	894	80616	40707	95550	854//	53110	83706	88611	
Wattisham	590	80106	48038	02355	856//	57206	88635		
Gorleston	497	80712	58707	02550	855//	54205	88620		
Mildenhall	578	80403	32708	03052	856//	53208	88632		
Cardington	559	83606	56028	02752	856//	53305	88640		
West Raynham	485	80306	48858	02853	855//	54305	85820	88645	
Wittering	462	80410	30717	03552	854//	53104	83709	88618	
Boscombe Down	746	80309	56052	02652	856//	55211	83712	88639	
Ross-on-Wye									
Bristol	628	80312	58022	03852	856//	55212	88632		
Aberporth	502	60613	59011	05552	655//	57217	86629		
Rhoose (Cardiff)	715	20413	62017	03553	25600	54115	82640		
Plymouth	827	50313	56012	01251	555//	53217	81620	85635	
Chivenor	707	80610	59028	03151	855//	56215	88626		
St. Mawgan	817	80412	48031	01951	856//	54220	88637		
Culdrose	809	80319	56022	01451	855//	55218	88628		
Scilly	804	80619	48022	00801	855//	56323	88623		
Elmdon	534	70114	48718	03953	756//	56205	87633		
Shawbury	414	10210	56041	05454	15600	57104	81630		
Manchester	334	20103	58021	06253	25600	56312	82630		
Squires Gate	318	70404	32041	06953	756//	55210	87636		
Valley	302	20409	61041	06851	25600	55210	82630		
Ronaldsway	204	03510	80021	07652	00900	54311			
Carlisle	222	00000	59010	08255	00900	56204			
Watnall	354	70108	58858	04953	755//	56307	87625		
Spurn Head	396	70511	58268	04251	785//	54204	83825	85630	
Finningley	360	03610	63021	05654	00900	58205			
Dishforth	261	50306	80031	06553	55600	55207	85630		
Tynemouth	262	70608	58022	06701	755//	53103	87620		
Eskdalemuir									
Mull of Galloway	131	10109	70020	08352	10940	54203	81360		
Prestwick	135	01002	56040	07957	00900	59103			
Renfrew	141	50000	05444	08254	55700	56210	85650		
Leuchars	171	82407	62041	06851	5567/	53301	85630	88458	
Dyce	091	83009	62858	07200	885//	52404	85825	88650	
Wick	075	72802	82028	06901	756//	00206	87635		
Cape Wrath	049	80000	83022	08002	866//	51205	88730		
Sule Skerry	010	30202	84018	06903	35500	00212	83625		
Lerwick	005	53509	83031	05601	555//	54205	85625		
Stornoway	026	00000	82018	09152	00900	53208			
Benbecula	022	70501	83851	08900	785//	51304	83824	87635	
Tiree	100	73306	83021	09201	756//	53206	82635	85650	
Aldergrove	917	00000	66020	09154	00900	55208			
Malin Head	980	22005	74020	09651	22500	53308	82828		
Belmullet	976	00000	69020	10653	00900	55221			
Birr	965	30000	74011	08852	35600	54214	83639		
Collinstown	969	20409	80018	07701	25700	25700	54214	82650	
Rineanna	962	83608	69031	08652	856//	55215	88635		
Roches Point	952	80210	66022	06700	856//	55222	88630		
Valentia	953	20408	62051	08100	25500	55221	82628		

OBSERVATIONS at 06h. 20 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	80212	29717	02951	856//	54208	87712	88630	
London Airport	772	80110	48717	03051	856//	53312	82711	88630	
Gatwick	776	80208	56707	02253	856//	57207	88643		
Thorney Island	871	80111	61027	02651	856//	54210	88636		
Hurn	862	80114	58707	03152	855//	53212	82708	86627	88640
Guernsey	894	80518	50227	00700	855//	53318	88622		
Wattisham	590	80109	40707	03253	854//	54209	85614	88630	
Gorleston	497	80913	44268	03651	884//	52208	85817	88623	
Mildenhall	578	80205	40707	04052	856//	54110	88640		
Cardington	559	83510	56717	04452	854//	53212	87712	88617	
West Raynham	485	80409	48707	03952	855//	53307	88629		
Wittering	462	73610	48037	05053	754//	54209	84617	86640	
Boscombe Down	746	80207	48717	04053	855//	55211	85710	88625	
Ross-on-Wye	627	70107	57028	06353	765//	57313	87720		
Bristol	628	80113	58707	05953	854//	55218	83615	88625	
Aberporth	502	10708	58011	08253	15600	56218	81630		
Rhoose (Cardiff)	715	80312	58717	05853	855//	54218	88625		
Plymouth	827	30112	62011	04751	35600	54223	83630		
Chivenor	707	80310	56717	05851	855//	55218	88621		
St. Mawgan	817	80315	48022	05551	856//	55219	88634		
Culdrose	809	80317	63022	05452	856//	56220	88632		
Scilly	804	80518	66022	05401	855//	52223	88625		
Elmdon	534	33507	56017	05954	35500	57215	83625		
Shawbury	414	03410	48040	07656	00900	57316			
Manchester	334	00000	40040	07755	00900	58211			
Squires Gate	318	73405	60022	07751	756//	54205	87638		
Valley	302	00000	61040	08953	00900	55210			
Ronaldsway	204	10000	66030	08755	11500	56205	81823		
Carlisle	222	80000	58031	08854	855//	56205	83620	88631	
Watnall	354	00106	66028	06455	00900	58310			
Spurn Head	396	40512	59018	05050	45500	53207	84625		
Finningley	360	03510	66020	06755	00900	58207			
Dishforth	261	83005	48057	07353	854//	54206	85619	88623	
Tynemouth	262	72712	61027	06751	756//	54601	87630		
Eskdalemuir	162	40000	66030	09558	45600	59400	84630		
Mull of Galloway	131	63605	80031	09251	656//	52219	88630		
Prestwick	135	41002	58041	08454	45600	55201	84640		
Renfrew	141	30000	14044	08554	35600	55400	83640		
Leuchars	171	62507	66851	07050	685//	52205	83822	86630	
Dyce	091	13112	74028	06900	15600	51301	81640		
Wick	075	53007	82011	07400	585//	50204	81820	84635	
Cape Wrath	049	60000	83018	08602	655//	00202	86625		
Sule Skerry	010	40109	82013	06704	435//	01703	84925		
Lerwick	005	53609	83011	05901	555//	51303	85625		
Stornoway	026	02907	86028	10152	00900	53206			
Benbecula	022	30000	83021	09951	25600	53206	82645		
Tiree	100	33207	82011	09601	35700	51204	83650		
Aldergrove	917	82004	62268	10252	856//	53206	88631		
Malin Head	980	83308	74021	10104	856//	53303	88634		
Belmullet	976	10000	69020	12656	00900	57312			
Birr	965	00000	74020	12256	00900	57216			
Collinstown	969	13110	74027	09952	15600	55210	81635		
Rineanna	962	03408	69011	12156	00900	57220			
Roches Point	952	33409	69011	10451	35500	54218	83628		
Valentia	953	00000	62050	12353	00900	57222			

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91515	53	is_o	$s_os_op_os_o$
London Airport	772	97528	52	ps_o	s_os_o
Gatwick	776	91536	54	is_o	$is_os_os_o$
Thorney Island	871	97535	54	+	$is_ds_cs_o$
Hurn	862	97523	54	is_o	$is_os_os_o$
Guernsey	894	01517	51	s_os_o	is_o
Wattisham	590	92557	56	is_o	is_ois
Gorleston	497	91517	52	is_o	ps_ois_o
Mildenhall	578	93536	58	$is_os_os_o$	$s_os_oiss_oss$
Cardington	559	97527	54	$ps_os_os_o$	s_os_o
West Raynham	485	01547	56	$ps_os_os_o$	s_os_oiSif
Wittering	462	96537	56	s_os_oss	$is_op_os_o$
Boscombe Down	746	91536	55	+	$is_os_os_o$
Ross-on-Wye	627	97556	57	+	ps_o
Bristol	628	97536	55	+	$is_op_os_o$
Aberporth	502	00543	58	+	+
Rhoose (Cardiff)	715	97556	57	+	s_os_o
Plymouth	827	97523	54	+	$is_os_os_o$
Chivenor	707	97525	54	is_o	$s_os_op_os_o$
St. Mawgan	817	97525	53	+	is_o
Culdrose	809	97527	53	+	is_o
Scilly	804	97005	//	+	ps_o
Elmdon	534	97565	58	$ps_os_os_o$	s_os_o
Shawbury	414	97575	59	+	is_o
Manchester	334	97563	59	+	is_o
Squires Gate	318	00545	58	+	+
Valley	302	00553	59	+	+
Ronaldsway	204	00565	58	+	+
Carlisle	222	99575	59	+	ps_o
Watnall	354	97566	58	ps_o	+
Spurn Head	396	97526	//	$ps_os_os_o$	s_os_o
Finningley	360	97556	57	+	is_o
Dishforth	261	97577	58	+	is_o
Tynemouth	262	97515	53	is_o	is_o
Eskdalemuir	162	00617	61	+	+
Mull of Galloway	131	00523	//	/	/
Prestwick	135	00583	59	+	+
Renfrew	141	00563	59	ff	ff
Leuchars	171	97535	53	+	ps_o
Dyce	091	01529	55	ps_o	ps_ops
Wick	075	01533	54	pr_os_o	+
Cape Wrath	049	02515	55	pr_os_o	pr_os_o
Sule Skerry	010	02012	00	/	/
Lerwick	005	00525	55	+	+
Stornoway	026	91533	57	pr_os_o	pr_os_o
Benbecula	022	97535	60	+	+
Tiree	100	00513	55	+	+
Aldergrove	917	97565	60	+	ps_o
Malin Head	980	97531	56	/	/
Belmullet	976	97563	59	/	/
Birr	965	97563	61	/	/
Collinstown	969	97563	53	/	/
Rineanna	962	97563	58	/	/
Roches Point	952	00523	55	/	/
Valentia	953	97573	54	/	/

CONVE TAB °C to

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Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33000	60932	74022	00007	65600	00400	/////	/////	00304	10878	1////
B	40565	51000	62535	59858	02960	68400	00803	86815	/////	07667	12647	1////
C	40577	36300	42740	61808	03801	42500	00258	84820	/////	06156	17755	1////
D	40440	41000	22705	65012	23507	52660	00108	85830	/////	06400	12946	1////
I	40589	18900	71011	97258	08106	785//	00005	83820	87640	05701	11012	11647
J												
K												
M	43661	02900	83120	75022	03800	856//	00400	88630	/////	06254	13245	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33006	82026	60878	03103	894//	00242	/////	/////	05502	11567	1////
B	40565	51006	82525	12858	03059	824//	00502	88815	/////	07261	12647	1////
C	40577	36206	32532	73858	10502	32400	00229	83815	/////	05956	17754	1////
D	40440	41006	02705	69001	23507	00900	00500	/////	/////	06400	12945	1////
I	40590	18806	11512	98018	09607	15500	00208	81625	/////	05400	11533	11257
J												
K												
M	43661	02706	83217	75271	02800	885//	00708	83820	88630	06356	13245	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36981 — Date of Issue Thursday 21 February

OBSERVATIONS at 12h. — 20 February 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	70315	32268	07450	784//	54220	85812	86625	
London Airport	772	70110	37717	07451	756//	51224	83712	85630	
Gatwick	776	60208	40268	06750	52401	55222	81712	85818	
Thorney Island	871	50214	48057	07301	51500	55225	85825		
Hurn	862	53615	59227	08300	554//	54228	83615	84630	
Guernsey	894	70220	50858	07600	784//	56236	82708	87818	
Wattisham	590	50210	37057	07252	52400	54220	85817		
Gorleston	497	60210	48227	07051	655//	52219	86623		
Mildenhall	578	50102	40018	07800	58500	54219	85820		
Cardington	559	63510	56038	08351	684//	53322	83815	86630	
West Raynham	485	53607	32037	07551	58400	53116	82815	83645	
Wittering	462	70109	58228	09051	755//	54220	83625	86640	
Boscombe Down	746	60112	56037	09151	56401	54227	85710		
Ross-on-Wye	627	13505	57020	10100	11500	54219	81820		
Bristol	628	00208	59020	10600	06900	55222			
Aberporth	502	20108	69030	12002	28549	54220	81825		
Rhoose (Cardiff)	715	23610	66037	10850	18530	55227	81828		
Plymouth	827	10315	66017	11001	11500	56233	81820		
Chivenor	707	10111	66037	11501	18400	53229	81817		
St. Mawgan	817	30113	66027	12001	32400	52231	83818		
Culdrose	809	50115	59052	12301	525//	54236	85822		
Scilly	804	60214	63267	12402	68400	54237	85814	83623	
Elmdon	534	73611	59041	09450	756//	55214	87640		
Shawbury	414	43109	56047	10351	48600	52113	81830	83657	
Manchester	334	72706	20047	09702	756//	55211	87640		
Squires Gate	318	33109	30042	10203	35700	52213	83656		
Valley	302	72502	66877	11503	5854/	53210	82820	85640	87360
Ronaldsway	204	53512	82011	10904	58500	51215	82820	83650	
Carlisle	222	72902	58021	10850	2563/	54209	82635	86359	
Watnall	354	73601	14268	09200	756//	54212	87635		
Spurn Head	396	73407	48021	07751	756//	53107	81630	87645	
Finningley	360	73106	20047	08801	756//	54107	87635		
Dishforth	261	63012	59027	08301	64631	54206	81630	86657	
Tynemouth	262	82915	16717	07700	873//	51201	88708		
Eskdalemuir	162	33503	74011	11002	25640	54319	82632		
Mull of Galloway	131	20105	81012	11405	22600	01214	82830		
Prestwick	135	13205	40051	10703	15730	53211	81650		
Renfrew	141	73007	48044	11104	757//	53214	87650		
Leuchars	171	33011	83018	09003	18530	52213	81820	83359	
Dyce	091	33113	66028	09101	38400	00211	81815		
Wick	075	53609	83151	08803	584//	02207	82815	84635	
Cape Wrath	049	60000	86002	10404	685//	51213	83820	84625	
Sule Skerry	010	63409	82028	08805	43500	02206	84925	85360	
Lerwick	005	83506	83022	07703	784//	52207	81815	87640	
Stornoway	026	33406	82058	12103	22542	02210	82820		
Benbecula	022	73312	82838	12504	785//	01313	84820	86640	
Tiree	100	13511	89010	12405	18500	52213	81820		
Aldergrove	917	52905	62018	12503	58540	51213	81825	84640	
Malin Head	980	70609	89258	12504	784//	02114	84818	87648	
Belmullet	976	62913	80031	15505	38532	00212	81823	83640	85358
Birr	965	72704	74021	15901	756//	52215	87640		
Collinstown	969	73016	69858	13102	756//	53217	83633	87650	
Rineanna	962	72704	74031	16702	757//	53120	87656		
Roches Point	952	63215	69031	15703	657//	53223	86650		
Valentia	953	00000	75020	17404	00900	53222			

OBSERVATIONS at 18h. — 20 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	83304	40268	09801	856//	55212	88640		
London Airport	772	73503	56027	09901	756//	55213	82640	87656	
Gatwick	776	73305	44268	09900	756//	54220	87635		
Thorney Island	871	73106	40057	10901	756//	52219	83635	87656	
Hurn	862	33207	58011	11251	35600	53215	83640		
Guernsey	894	53515	58058	13401	51500	56231	85822		
Wattisham	590	83603	40051	09052	856//	54213	88630		
Gorleston	497	20209	62018	09551	12530	53208	81825		
Mildenhall	578	83201	19858	09151	884//	52208	86815	88630	
Cardington	559	82306	48028	09051	845//	53102	88620		
West Raynham	485	80000	17708	08552	854//	53204	84615	88630	
Wittering	462	93209	06727	08951	9/0//	51501	89/02		
Boscombe Down	746	63208	57021	11200	656//	53215	85630	84640	
Ross-on-Wye	627	12705	66021	11400	15600	55310	81630		
Bristol	628	42706	59031	12401	45600	55210	81630		
Aberporth	502	73220	66268	13702	732//	00310	83704	86925	
Rhoose (Cardiff)	715	73108	74022	12501	786//	51311	81830	87635	
Plymouth	827	13315	32040	14402	18500	54220	81820		
Chivenor	707	73212	74801	13903	785//	51314	86820	87630	
St. Mawgan	817	43407	80020	15202	48400	52217	83818		
Culdrose	809	33209	62051	15501	38570	51220	81820		
Scilly	804	73616	69038	16203	725//	00220	87826		
Elmdon	534	63114	17041	09701	58502	53305	82825	84656	
Shawbury	414	33212	61030	11001	18641	53307	81830		
Manchester	334	62910	40041	10302	656//	53209	86630		
Squires Gate	318	73114	34041	10702	785//	51306	81825	85635	
Valley	302	53213	61048	12403	58500	00207	83820	85640	
Ronaldsway	204	13312	83018	12103	18400	51308	81818		
Carlisle	222	73005	48032	11702	7563/	52309	83630	86635	
Watnall	354	83609	19717	09000	855//	50306	83710	88620	
Spurn Head	396	82104	08708	07551	874//	54803	88710		
Finningley	360	83215	32227	08901	873//	51204	84707	88712	
Dishforth	261	73512	32227	09101	754//	51312	85615	87628	
Tynemouth	262	83412	32108	09001	863//	01213	88708		
Eskdalemuir	162	83306	74031	11801	856//	52310	88632		
Mull of Galloway	131	33615	80010	13003	35500	00315	83620		
Prestwick	135	33205	48041	11902	38501	52210	81820	83656	
Renfrew	141	52603	12041	12203	55600	51311	82630	84640	
Leuchars	171	72908	80021	10403	786//	52210	82830	87645	
Dyce	091	73207	40808	10701	784//	00209	83708	84815	87630
Wick	075	73611	85021	10302	785//	01212	81820	83635	87650
Cape Wrath	049	73205	83037	11603	785//	54207	87625		
Sule Skerry	010	73409	84038	10105	785//	51206	83825	87630	
Lerwick	005	73407	82012	09001	5847/	51308	81815	85635	87460
Stornoway	026	13305	82258	13401	19560	52210	81922		
Benbecula	022	13406	80011	13802	15631	01305	81635		
Tiree	100	53311	86038	13702	19402	00206	81918	84075	
Aldergrove	917	13306	83021	13803	18500	51311	81825		
Malin Head	980	53307	89031	14405	4153/	01311	84820	85359	
Belmullet	976	72711	70808	16704	7353/	02310	84922	87636	
Birr	965	72705	74022	16403	785//	53207	83822	87640	
Collinstown	969	72811	72028	14403	757//	50310	87650		
Rineanna	962	62809	74021	17803	2573/	51210	82650	86359	
Roches Point	952	33113	74031	17503	35700	53312	83650		
Valentia	953	13003	77030	19003	15601	52310	81640		

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	93017	007	ps_o	ps_ois_oss
London Airport	772	91016	008	s_os_o	s_os_o
Gatwick	776	93015	006	ps_o	is_ops_o
Thorney Island	871	97013	016	$s_os_ops_o$	+
Hurn	862	97023	///	is_o	+
Guernsey	894	91025	023	$s_os_ops_o$	+
Wattisham	590	90517	///	is_o	s_os_o
Gorleston	497	01016	024	is_ossps	+
Mildenhall	578	03017	016	$s_os_ops_o$	ps_oSSff
Cardington	559	01017	018	is_ops_o	ps_oss
West Raynham	485	94507	018	$s_os_ops_o$	s_os_oss
Wittering	462	01017	009	ps_ois_o	sss_os_o
Boscombe Down	746	97016	047	$s_os_ois_o$	+
Ross-on-Wye	627	00036	071	+	+
Bristol	628	97035	063	is_o	+
Aberporth	502	91035	046	ps_o	$ps_opr_os_o$
Rhoose (Cardiff)	715	00036	067	+	++
Plymouth	827	97043	082	s_os_o	+
Chivenor	707	97041	082	+	ir_opr_o
St. Mawgan	817	97035	074	is_o	pr_os_o
Culdrose	809	97026	078	is_o	psis
Scilly	804	91041	037	ps_o	$p_{40}r_o$
Elmdon	534	97035	051	+	is_o
Shawbury	414	97045	048	is_o	+
Manchester	334	00043	042	+	+
Squires Gate	318	00035	049	+	+
Valley	302	97051	035	is_ops_o	ps_o
Ronaldsway	204	97055	038	+	ps_o
Carlisle	222	00035	017	+	+
Watnall	354	94037	014	ps_o	$is_os_os_o$
Spurn Head	396	03007	0000	s_os_o	$s_os_ois_o$
Finningley	360	02047	011	is_ois	ssff
Dishforth	261	01027	011	s_os_oss	sss_os_o
Tynemouth	262	03015	011	s_os_o	$s_os_opr_os_o$
Eskdalemuir	162	00027	033	+	+
Mull of Galloway	131	00061	///	/	/
Prestwick	135	00055	065	+	+
Renfrew	141	00053	056	if	+
Leuchars	171	00055	043	+	+
Dyce	091	97026	037	+	pr_o
Wick	075	00051	055	+	+
Cape Wrath	049	01051	///	pr_o	pr_oir_o
Sule Skerry	010	01051	///	/	/
Lerwick	005	97036	008	+	s_os_o
Stornoway	026	96061	067	pr_os_o	pr_o
Benbecula	022	97055	058	pr_os_o	+
Tiree	100	97073	085	+	pr_o
Aldergrove	917	97055	061	pr_o	+
Malin Head	980	9706	056	/	/
Belmullet	976	9707	041	/	/
Birr	965	9704	005	/	/
Collinstown	969	9704	014	/	/
Rineanna	962	9706	050	/	/
Roches Point	952	9704	077	/	/
Valentia	953	9705	087	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	32211	80018	10703	38500	00230	/////	/////	05557	12256	1////
B	40565	51012	82730	58858	06257	824//	00219	88815	/////	06961	12749	1////
C	40576	36112	81408	69038	14301	00907	00110	880//	/////	06159	12647	1////
D	40440	41012	63208	69031	25709	61500	00208	86825	/// /	05902	12956	1////
I	40589	19012	21612	98030	11907	12530	00210	81825	/////	05400	149/8	1////
J												
K												
M	43661	02712	53323	65278	03900	59500	00310	84920	/////	06155	13335	13556

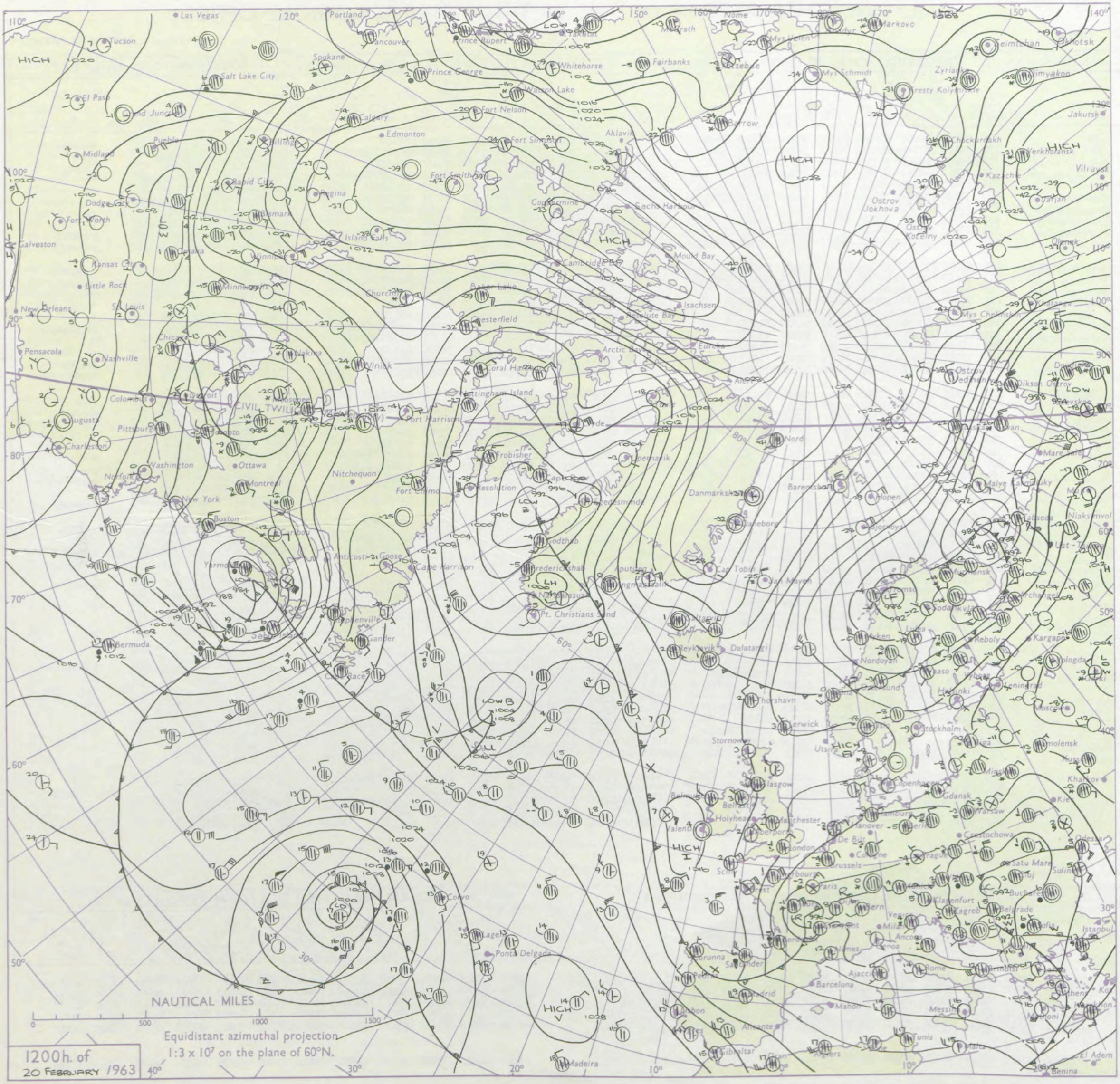
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33018	52208	80158	13301	59500	00210	// //	/////	05851	149/5	1////
B	40565	51018	72720	63268	10657	72400	00219	87815	/////	06961	17740	1////
C	40571	35518	81633	59857	05305	6242/	00761	86810	83462	06402	11546	1////
D	40440	41018	43205	69020	27111	21501	00500	82825	/////	05503	12945	1////
I	40591	18818	61610	98011	12708	34560	00301	82825	83358	05301	11622	11847
J												
K												
M	43655	02418	73420	65168	04851	79410	41207	84915	/////	06456	13546	13245

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



NAUTICAL MILES

0 500 1000 1500

Equidistant azimuthal projection
1:3 x 10^7 on the plane of 60°N.

1200h. of
20 FEBRUARY 1963

Explanation of symbols

CLOUD

Symbol

WEATHER

Symbol

Mist
Fog
Drizzle
Rain
Rain shower
Snow
Rain
Rain shower
Snow shower
Hail
Thunderstorm

WIND

Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE

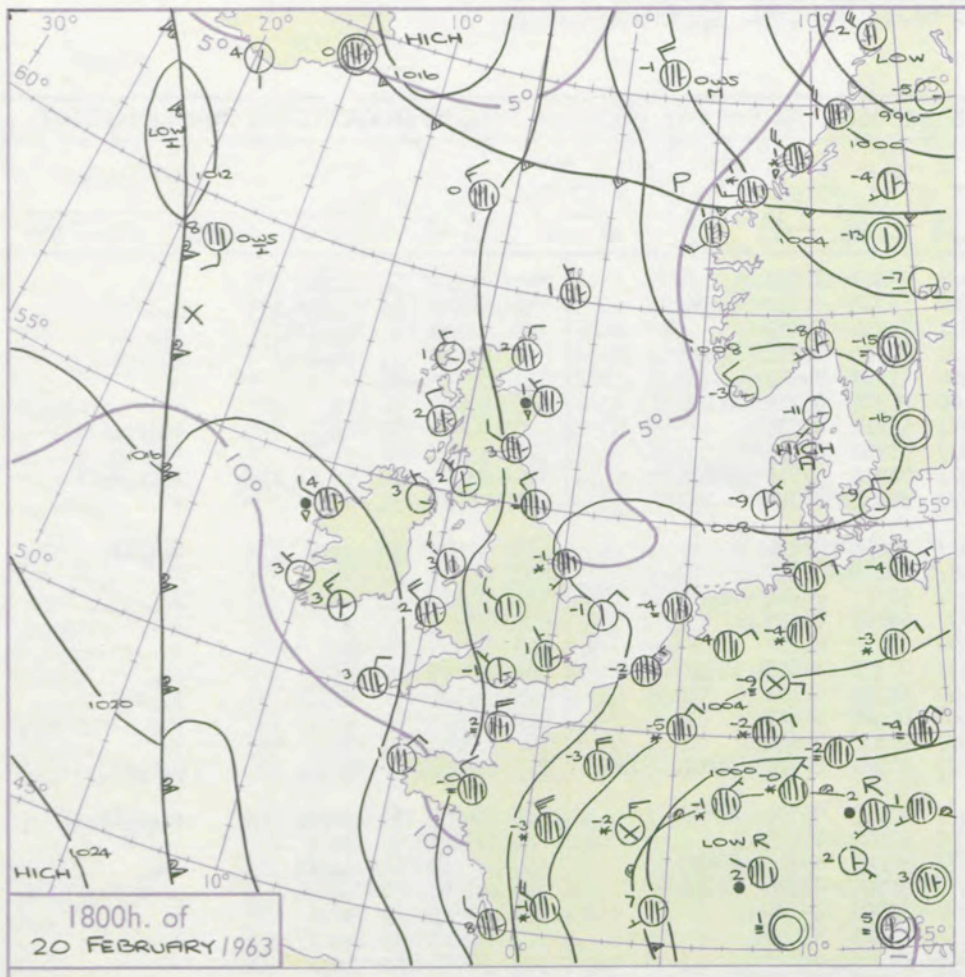
nation
mbols

OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

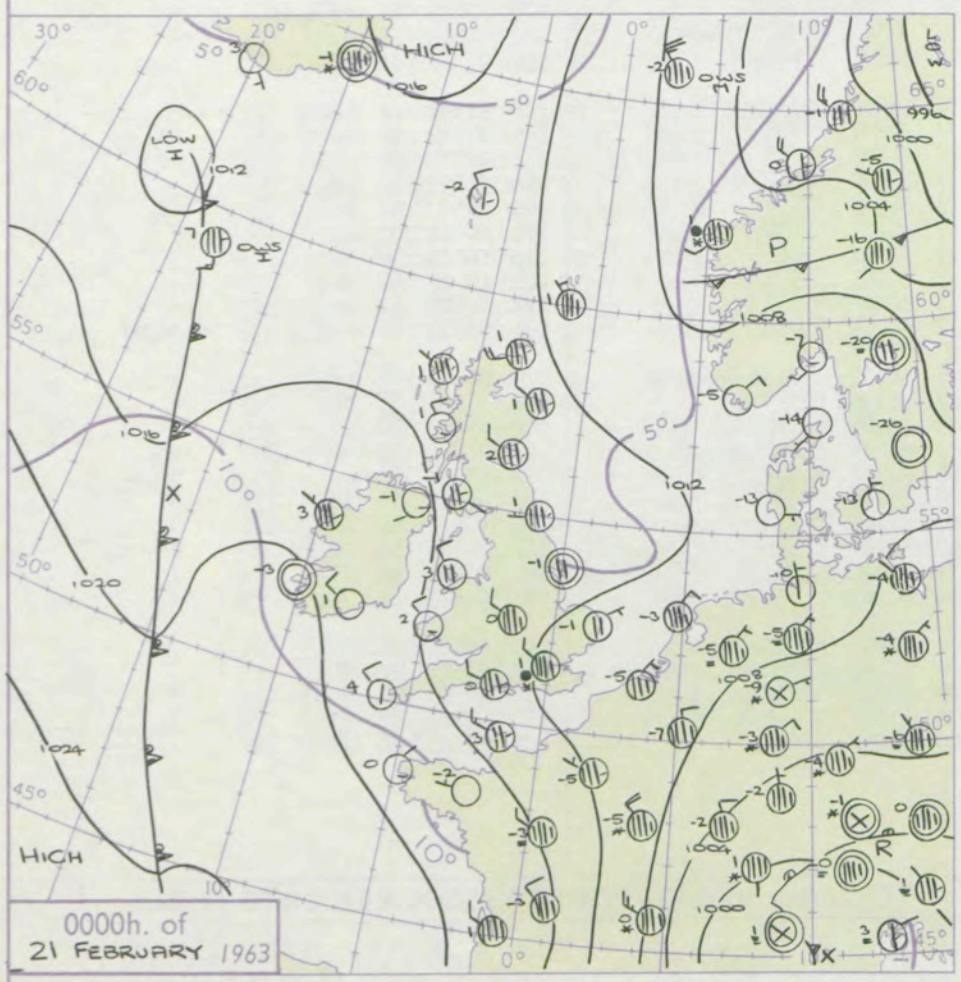
THER
Weather

zzle
and
rizzle
and snow
shower
and snow
shower
shower
nderstorm

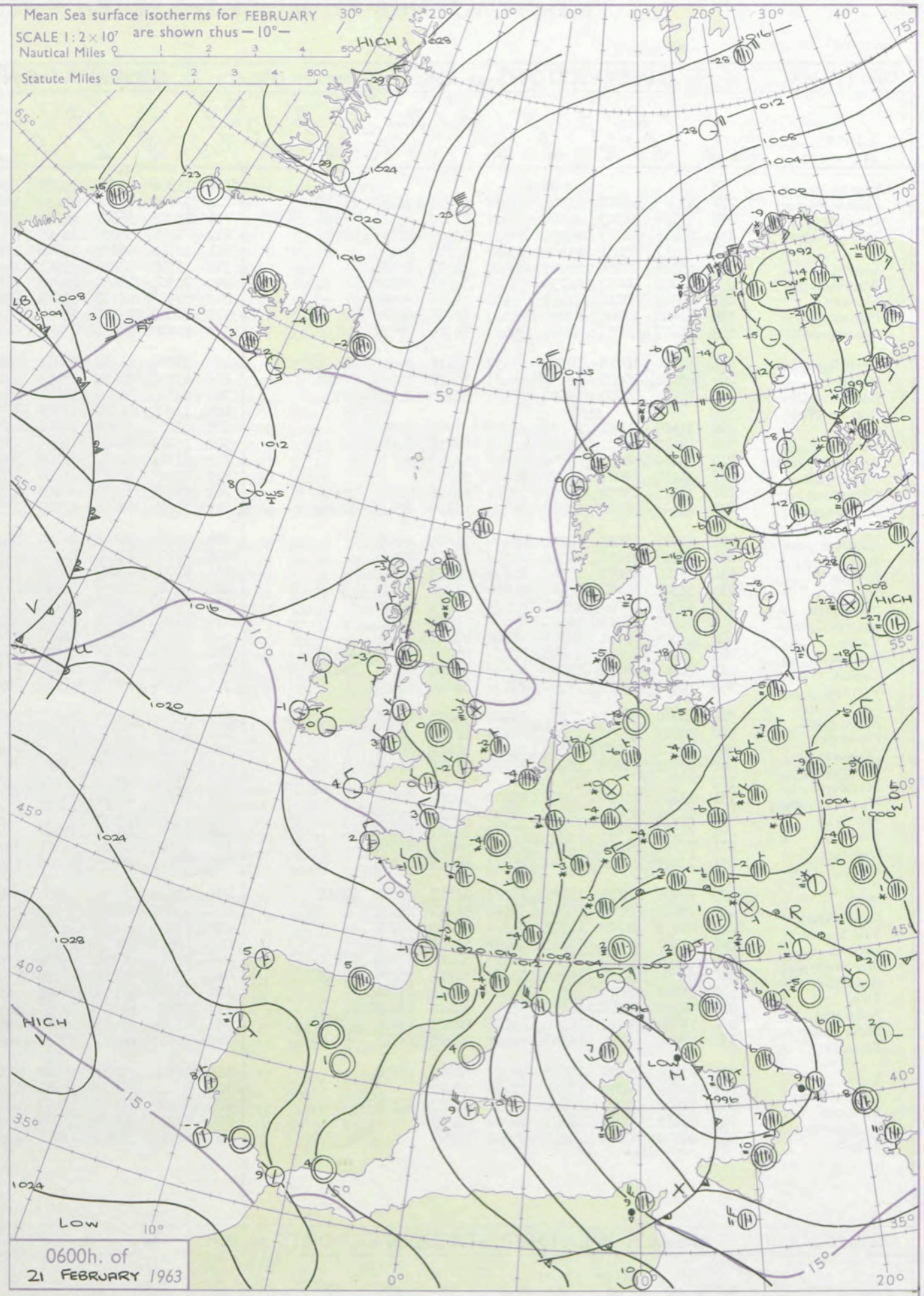
IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
her add
48–52



1800h. of
20 FEBRUARY 1963



0000h. of
21 FEBRUARY 1963



0600h. of
21 FEBRUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Thursday 21 February** 1963

The small depression over west France yesterday has filled but a new development over south France has produced a main low near Italy. Pressure rose rather more strongly than expected over the British Isles and the ridge now over Ireland will drift slowly east to Britain in the next 24 hours followed by a very weak trough near Ireland tomorrow. The deep depression near Newfoundland will move northeast over the northwest Atlantic.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be less cold generally with sunny periods in most parts today but also scattered showers, chiefly of rain in the west but locally of sleet or snow in the east. A daytime thaw will occur in most areas but frost will be widespread tonight and fog will become fairly extensive persisting for much of the morning.

OUTLOOK

Mainly dry but night fog and frost especially in the east.

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

Code FM 11.A

OBSERVATIONS at 00h. 21 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			01					
London Airport	772	83208	48687	11701	854//	51211	85712	88618	
Gatwick	776	83208	56707	11600	855//	51310	83711	85622	88645
Thorney Island	871	83011	28717	13050	855//	52309	82715	88625	
Hurn	862	72911	62031	13400	756//	53108	87630		
Guernsey	894	63317	78268	16203	68400	51307	85816		
Wattisham	590	80000	50057	11753	855//	54013	88629		
Gorleston	497	40507	60012	11451	42500	55216	84825		
Mildenhall	578	81601	32708	12051	854//	52219	88618		
Cardington	559	83107	40057	11701	854//	51214	88615		
West Raynham	485	80000	40717	12353	855//	53116	88628		
Wittering	462	83608	40027	12150	854//	52217	85709	88612	
Boscombe Down	746	83111	40707	13500	864//	56212	82709	88712	
Ross-on-Wye	627								
Bristol	628	22505	56051	11700	25700	51208	82650		
Aberporth	502	13210	66021	15902	15400	01211	81617		
Rhoose (Cardiff)	715	23110	58231	14800	15400	51308	82618		
Plymouth	827	03110	62021	16702	00900	51106			
Chivenor	707	73213	69038	15903	755//	00106	82620	87650	
St. Mawgan	817	73118	66268	17802	784//	01110	82815	87632	
Culdrose	809	23011	65058	18102	25400	51206	82620		
Scilly	804	83213	74031	19504	845//	52210	88628		
Elmdon	534	83109	32057	12700	855//	51217	88625		
Shawbury	414	53109	61011	13901	55800	51216	85657		
Manchester	334	82805	17042	13301	855//	52214	88626		
Squires Gate	318	33308	48041	13501	35600	51213	83645		
Valley	302	43308	61031	15303	45800	01111	84657		
Ronaldsway	204	33109	82011	14603	12530	00210	81820	83358	
Carlisle	222	82501	48032	14300	856//	52214	81720	88633	
Watnall	354	70301	56017	12950	756//	51222	87630		
Spurn Head	396	40000	58017	12251	45500	54223	84625		
Finningley	360	83603	48032	13200	864//	51223	88711		
Dishforth	261	83401	23057	13350	855//	51219	88626		
Tynemouth	262	72705	32268	13001	755//	51211	87620		
Eskdalemuir	162								
Mull of Galloway	131	23615	83010	14203	25600	52202	82630		
Prestwick	135	51202	66031	14251	5093/	52216	85359		
Renfrew	141	72903	62021	14502	756//	50217	87647		
Leuchars	171	73108	80031	12902	757//	52211	87650		
Dyce	091	73109	74022	13001	757//	00215	87650		
Wick	075	73621	62151	13101	784//	51213	83815	87640	
Cape Wrath	049	23602	83028	14201	23500	51212	82925		
Sule Skerry	010	83613	81022	12503	865//	00204	88720		
Lerwick	005	83307	80037	10101	857//	53204	88656		
Stornoway	026	73005	74032	15401	785//	50211	81820	87630	
Benbecula	022	63408	69808	16200	684//	51214	83816	86625	
Tiree	100	13309	86030	15801	11500	50211	81820		
Aldergrove	917	12402	74020	16451	15500	52212	81625		
Malin Head	980	13308	80021	16204	15600	02208	81635		
Belmullet	976	72903	66218	18303	764//	02208	87711		
Birr	965	83104	74022	18602	856//	51209	88638		
Collinstown	969	02911	74020	17151	00900	52212			
Rineanna	962	22608	64011	19600	20930	51107	82358		
Roches Point	952	03011	74011	19601	00900	52209			
Valentia	953	00000	74020	20953	00900	55306			

OBSERVATIONS at 06h. 21 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	73506	40058	14250	763//	53216	87709		
London Airport	772	33107	58017	14452	35600	53214	81712	83630	
Gatwick	776	73207	56057	14151	756//	53214	87639		
Thorney Island	871	73006	56037	15100	755//	51313	81712	87626	
Hurn	862	42910	66011	15000	45600	51207	84642		
Guernsey	894	33312	82010	17103	16400	52305	81715	83656	
Wattisham	590	73305	14057	14855	756//	56114	87635		
Gorleston	497	83306	60707	13952	855//	55209	88625		
Mildenhall	578	80000	19717	15054	854//	54215	87616	88625	
Cardington	559	80205	56012	15152	863//	51222	88707		
West Raynham	485	70000	14287	14854	756//	55213	87640		
Wittering	462	93103	07472	15054	9/0//	54110	89/02		
Boscombe Down	746	83301	56027	15851	855//	52211	84714	88622	
Ross-on-Wye	627	72502	66022	15351	755//	52307	87625		
Bristol	628	43205	66031	16200	45800	53208	84657		
Aberporth	502	73012	59031	16503	2553/	01202	82625	87358	
Rhoose (Cardiff)	715	23311	80011	16100	20940	51304	82362		
Plymouth	827	13503	69018	17402	15600	01400	81635		
Chivenor	707	23211	74011	17103	25600	01306	82642		
St. Mawgan	817	73017	62808	17903	785//	01500	82719	86824	87656
Culdrose	809	83415	40688	18302	854//	01703	85704	88612	
Scilly	804	13210	81021	19704	15500	52802	81625		
Elmdon	534	80000	23227	14600	855//	52209	85713	88620	
Shawbury	414	82505	61268	15250	884//	51104	83816	88656	
Manchester	334	70000	32041	14751	757//	53208	87656		
Squires Gate	318	73103	62021	14401	757//	00203	87656		
Valley	302	43005	66038	16002	42400	01305	84818		
Ronaldsway	204	23510	82010	15602	28530	00208	81825		
Carlisle	222	72602	48032	15350	756//	52306	82718	87630	
Watnall	354	82702	11042	15052	856//	53109	88630		
Spurn Head	396	93004	F4457	14153	9/0//	53205	89///		
Finningley	360	82706	23031	14751	855//	52207	88626		
Dishforth	261	73001	23287	14152	754//	53303	87618		
Tynemouth	262	72909	61028	13201	756//	52400	87630		
Eskdalemuir	162	73407	66022	15201	756//	54305	87638		
Mull of Galloway	131	63610	81031	15802	656//	01207	86630		
Prestwick	135	70000	58021	15151	757//	52207	87656		
Renfrew	141	62504	69012	15001	656//	51203	82630	85656	
Leuchars	171	73105	82012	13801	757//	52206	87656		
Dyce	091	73107	28868	13600	784//	51105	85811	87650	
Wick	075	83506	82032	13100	884//	50202	81815	88640	
Cape Wrath	049	43605	86038	14503	455//	51205	84625		
Sule Skerry	010	83613	82028	13403	865//	53209	88725		
Lerwick	005	63511	80038	11200	684//	54205	84818	85640	
Stornoway	026	12903	80030	16352	12500	54301	81822		
Benbecula	022	10000	83021	16952	15600	53206	81635		
Tiree	100	03507	82010	16401	00900	51203			
Aldergrove	917	11803	66018	17053	11500	53302	81821		
Malin Head	980	62606	80268	16603	625//	01400	86822		
Belmullet	976	01601	66021	18051	00900	51603			
Birr	965	22702	77021	19100	25600	52203	82737		
Collinstown	969	42811	06424	17651	46000	52301	84701		
Rineanna	962	02707	66020	19252	00900	53503	52826		
Roches Point	952	13210	74030	19300	15600	53503	81646		
Valentia	953	10707	74020	19851	14500	54604	81626		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	TgTg	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	91517	54	$ssps_o$	+
London Airport	772	92536	55	$s_os_or_os$	+
Gatwick	776	93516	54	$s_os_oid_o$	is_o
Thorney Island	871	97515	55	$is_os_os_o$	+
Hurn	862	00533	55	+	+
Guernsey	894	97025	51	ps_o	+
Wattisham	590	91557	60	is_o	is_ops_o
Gorleston	497	91536	56	+	is_ops_o
Mildenhall	578	91557	56	$id_ois_os_os_o$	$is_os_os_off$
Cardington	559	00527	54	+	+
West Raynham	485	92559	55	s_os_o	s_os_oif
Wittering	462	00577	57	+	FF
Boscombe Down	746	97526	57	is_o	is_o
Ross-on-Wye	627	97516	57	+	+
Bristol	628	00515	57	+	+
Aberporth	502	97025	50	+	ps_o
Rhoose (Cardiff)	715	95516	54	ir_oIRS	pr_os_o
Plymouth	827	97013	52	+	ps_o
Chivenor	707	00013	51	+	+
St. Mawgan	817	03012	00	prspr	phrpr
Culdrose	809	04515	59	$isps_o$	$pr_os_oir_os_o$
Scilly	804	00040	//	+	+
Elmdon	534	92516	54	is_oss	is_o
Shawbury	414	01516	51	+	$pr_os_ois_ophprs$
Manchester	334	00513	53	+	+
Squires Gate	318	00515	53	+	+
Valley	302	97021	52	pr_o	+
Ronaldsway	204	97015	52	$pr_os_oir_o$	ir_o
Carlisle	222	00515	53	+	+
Watnall	354	97537	61	+	is_o
Spurn Head	396	91547	//	$1Fis_o$	FF
Finningley	360	97529	57	+	is_o
Dishforth	261	97537	55	+	is_off
Tynemouth	262	96006	52	ps_o	+
Eskdalemuir	162	97527	54	+	is_o
Mull of Galloway	131	00011	//	/	/
Prestwick	135	00535	56	+	+
Renfrew	141	00013	52	+	+
Leuchars	171	00505	51	+	+
Dyce	091	96517	53	ps_o	ps_ops
Wick	075	01506	52	ps_o	+
Cape Wrath	049	91513	54	ps_o	+
Sule Skerry	010	92011	00	/	/
Lerwick	005	91516	53	+	ps_o
Stornoway	026	93543	56	+	pr_os_o
Benbecula	022	97525	59	pr_o	+
Tiree	100	00513	58	+	+
Aldergrove	917	91545	56	ps_o	ps_o
Malin Head	980	96011	52	/	/
Belmullet	976	04513	56	/	/
Birr	965	00523	56	/	/
Collinstown	969	91523	53	/	/
Rineanna	962	97533	56	/	/
Roches Point	952	97513	55	/	/
Valentia	953	97543	55	/	/

CONVE TAB °C to 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33000	00000	85020	13802	00900	00804	/////	/////	05855	14911	1////
B	50565	51000	82510	61858	12158	824//	00803	88815	/////	07063	12737	1////
C	50570	35500	42530	61858	11200	42400	00339	84815	/////	06453	12548	1////
D	50440	41000	81117	69032	25810	80921	00610	88467	/////	05603	14915	1////
I	50591	18800	71715	97252	12807	795//	00400	86920	/////	05503	11733	12048
J												
K												
M	53658	02200	83423	65268	07952	894//	81109	88915	/////	06654	13546	13245

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33006	61220	80032	11003	65500	00718	/////	/////	05553	11145	1////
B	50565	51006	80910	65028	06757	824//	00723	88815	/////	06962	12733	1////
C	50570	35506	42524	59858	12951	42400	00103	84815	/////	06457	12558	1////
D	50440	41006	81836	61612	19312	22521	00724	82830	88558	05108	11948	1////
I	50590	18806	11618	97018	10808	12500	41713	81825	/////	05303	11633	12048
J												
K												
M	52661	02106	73520	70268	09452	79400	81206	86915	/////	06757	13546	13244

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36982 — Date of Issue Friday 22 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 21 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	43601	40051	17402	42531	55207	84825		
London Airport	772	40000	48031	17503	11531	53107	81825	83075	
Gatwick	776	40000	58051	17103	21501	54110	82824		
Thorney Island	871	33602	48051	18101	00902	53211	83070		
Hurn	862	70405	64031	17703	5553/	54108	85626	85359	
Guernsey	894	73609	78028	19004	7841/	00208	82818	87640	
Wattisham	590	72603	40707	17451	785//	54211	83820	87630	
Gorleston	497	23206	58028	17050	22500	53210	82825		
Mildenhall	578	82602	10287	17652	855//	53109	86708	88620	
Cardington	559	12302	09044	17401	10930	54104	81358		
West Raynham	485	92109	01477	17153	9/0//	53110	89/01		
Wittering	462	72705	48044	17400	756//	53107	87635		
Boscombe Down	746	70000	57027	18201	755//	53010	84628	87645	
Ross-on-Wye	627	71202	66027	17503	755//	00310	87625		
Bristol	628	70000	32278	18003	785//	53105	84823	87645	
Aberporth	502	33112	74028	18504	28442	02208	81818		
Rhoose (Cardiff)	715	53310	74018	18004	58561	01106	85822		
Plymouth	827	63311	66031	19205	48443	01007	82818	83620	85070
Chivenor	707	73612	74808	18805	7843/	01208	82815	86632	
St. Mawgan	817	53311	79022	20005	42541	01213	84822	83073	
Culdrose	809	73309	66802	19905	734//	02211	83710	86916	
Scilly	804	33407	81020	20807	31400	51208	83818		
Elmdon	534	72103	11222	16602	4643/	50107	83710	83650	87360
Shawbury	414	53310	56018	17003	45741	01207	84656		
Manchester	334	72703	20042	16703	757//	52106	87650		
Squires Gate	318	73312	30044	17004	6564/	01109	86640		
Valley	302	63408	69028	18105	32401	03207	83818	86075	
Ronaldsway	204	73011	82021	17605	7841/	01208	81813	87635	
Carlisle	222	70000	48022	17703	7563/	54209	83630	87640	
Watnall	354	52606	32037	16503	00904	54106	85075		
Spurn Head	396	80502	12044	16151	5741/	54101	85715	88458	
Finningley	360	72304	19047	16503	2563/	54001	82640	87359	
Dishforth	261	72601	40044	16103	756//	55207	82630	87635	
Tynemouth	262	82909	32052	15602	856//	51208	88636		
Eskdalemuir	162	73403	66227	17502	656/9	53110	86630		
Mull of Galloway	131	63512	81031	16904	65600	03211	86630		
Prestwick	135	33304	60041	17404	18501	51210	81825		
Renfrew	141	73305	48041	17504	756//	52212	87645		
Leuchars	171	73110	80022	16003	755//	52210	81625	87645	
Dyce	091	53110	74268	15901	58400	52213	82815	84635	
Wick	075	63613	89031	15703	684//	50213	83815	86630	
Cape Wrath	049	70202	86032	17303	25570	52215	82625	86360	
Sule Skerry	010	50209	84022	16004	4554/	51211	84625		
Lerwick	005	60106	82031	14501	684//	52215	82818	86640	
Stornoway	026	30000	82018	18204	12560	02108	81827	83360	
Benbecula	022	12704	89010	18606	18400	01110	81818		
Tiree	100	20101	89031	18605	21501	50210	82820		
Aldergrove	917	70000	74028	18903	28501	54208	81712	86070	
Malin Head	980	22610	86018	18306	12502	02310	81820		
Belmullet	976	21708	80030	19405	28500	03206	81821		
Birr	965	12804	80021	20305	15600	00304	81637		
Collinstown	969	62611	054/4	19401	661//	51207	86702		
Rineanna	962	12303	69100	20705	11501	52106	81820		
Roches Point	952	03201	72020	20704	00900	00206			
Valentia	953	0000	72011	20305	00900	00103			

OBSERVATIONS at 18h. 21 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	73203	48041	18002	755//	55308	86625	87650	
London Airport	772	73503	58011	18302	756//	54309	87635		
Gatwick	776	82203	48051	18000	75601	53305	87645	87070	
Thorney Island	871	72004	32051	18801	6563/	51305	86635	87362	
Hurn	862	70000	35057	18502	45631	51306	81635	83360	
Guernsey	894	73306	66228	20201	68432	51302	83812	86640	
Wattisham	590	72106	13107	17554	25602	55303	82640	87072	
Gorleston	497	52502	16051	17851	35558	54308	83625	84275	
Mildenhall	578	82303	19702	17851	855//	52305	83708	88625	
Cardington	559	82106	37707	17901	855//	52303	88620		
West Raynham	485	82107	14704	17452	856//	53202	88630		
Wittering	462	83306	19227	17201	854//	51102	86615	88620	
Boscombe Down	746	70000	28057	18901	756//	51303	82710	87630	
Ross-on-Wye	627	70000	77021	18303	755//	52109	87625		
Bristol	628	73402	58028	18603	55632	52306	85630	84358	
Aberporth	502	72703	69021	19402	784//	01206	81818	87640	
Rhoose (Cardiff)	715	73405	74032	19002	756//	51310	87630		
Plymouth	827	43011	37048	19604	18501	00310	81820	84075	
Chivenor	707	53508	80018	19204	28542	01305	81820	85075	
St. Mawgan	817	23207	74011	20204	12501	01302	81825		
Culdrose	809	43408	66038	20203	22405	00302	82815	83275	
Scilly	804	33304	81020	20405	31400	00101	83818		
Elmdon	534	73307	15044	17602	756//	52208	83640	87656	
Shawbury	414	73206	62022	18302	755//	50309	81625	87650	
Manchester	334	72603	22042	17703	756//	53210	87645		
Squires Gate	318	73009	30042	17902	785/2	01208	81825	87650	
Valley	302	73007	66022	18904	683/2	02304	81708	86640	
Ronaldsway	204	43507	74011	18702	38502	51208	82820	83075	
Carlisle	222	73404	59032	18802	756//	53309	82635	84645	87650
Watnall	354	80000	14228	17501	855//	51315	86710	88620	
Spurn Head	396	70000	10057	16601	754//	51205	87615		
Finningley	360	73206	32042	17702	756//	51310	82630	87645	
Dishforth	261	83106	56042	17402	856//	52310	82630	88640	
Tynemouth	262	83211	32052	17302	855//	51210	88720		
Eskdalemuir	162	73502	70022	19100	756//	54311	87634		
Mull of Galloway	131	63509	86022	19202	45608	51210	84630		
Prestwick	135	70505	66031	18503	755//	51213	82625	83630	85640
Renfrew	141	70000	28042	19103	755//	53315	83625	87635	
Leuchars	171	43305	74011	17901	25731	53312	82650		
Dyce	091	73306	66028	18201	784//	52214	81818	87630	
Wick	075	73107	69682	17901	5553/	50215	85620	87359	
Cape Wrath	049	73605	83602	17303	775//	00401	87720		
Sule Skerry	010	81802	74028	17103	865//	00400	88720		
Lerwick	005	73501	86022	16201	755//	51211	82625	87645	
Stornoway	026	62417	83022	18503	60930	00304	86360		
Benbecula	022	11803	89010	19001	15600	51308	81640		
Tiree	100	10000	89030	19502	14501	51312	81620		
Aldergrove	917	50000	82018	19503	18542	50207	81825	85070	
Malin Head	980	30000	83021	19303	14532	02304	81625	83070	
Belmullet	976	41804	80020	19103	25502	01301	82629	84073	
Birr	965	10000	80010	20004	12500	52303	81823		
Collinstown	969	72605	59108	19403	757//	01400	87650		
Rineanna	962	12403	80030	20204	15700	52304	81650		
Roches Point	952	12306	66020	20304	15600	01303	81640		
Valentia	953	00000	72010	20604	00900	01304			

OBSERVATIONS during DAY

Station	iii	RRT×T×E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97036	066	+	is_o
London Airport	772	97045	062	+	is_o
Gatwick	776	00045	063	+	+
Thorney Island	871	00045	066	+	+
Hurn	862	97030	///	ps_oiso	is_o
Guernsey	894	02045	006	pr_oso	pr_osops_o
Wattisham	590	97506	///	is_o	if
Gorleston	497	97026	044	ps_o	+
Mildenhall	578	91507	000	isoff	is_osos_o
Cardington	559	97025	023	if	is_o
West Raynham	485	91517	000	FF	FFs_os_o
Wittering	462	92025	021	FFff	s_os_o
Boscombe Down	746	97026	025	is_o	is_o
Ross-on-Wye	627	97066	023	is_o	+
Bristol	628	92045	007	$ps_oph_os_o$	+
Aberporth	502	97053	040	pr_o	+
Rhoose (Cardiff)	715	00055	032	+	+
Plymouth	827	97071	065	+	pr_o
Chivenor	707	97061	020	pr_o	+
St. Mawgan	817	00051	092	+	+
Culdrose	809	02055	037	pr_oph_o	+
Scilly	804	00080	075	+	+
Elmdon	534	97045	003	is_o	+
Shawbury	414	92055	020	$prspr_os_o$	+
Manchester	334	00041	000	+	+
Squires Gate	318	00053	018	ff	if
Valley	302	92061	038	ir_o	phr
Ronaldsway	204	00055	040	+	+
Carlisle	222	00035	002	+	+
Watnall	354	97046	029	is_o	ps_oiso
Spurn Head	396	01016	000	$FFis_o$	s_os_o
Finningley	360	00055	001	if	+
Dishforth	261	00047	001	+	+
Tynemouth	262	91035	000	+	is_o
Eskdalemuir	162	97037	008	is_o	+
Mull of Galloway	131	00041	///	/	/
Prestwick	135	00055	035	+	+
Renfrew	141	00051	022	+	+
Leuchars	171	00045	008	+	+
Dyce	091	93026	024	ps_ops	pr_ops_o
Wick	075	91042	031	+	ir_os_o
Cape Wrath	049	02042	///	ir_o	ir_orr
Sule Skerry	010	02042	///	/	/
Lerwick	005	00035	031	+	+
Stornoway	026	94071	054	prs	+
Benbecula	022	00075	089	+	+
Tiree	100	00063	077	+	+
Aldergrove	917	97055	054	pr_o	pr_o
Malin Head	980	97071	063	/	/
Belmullet	976	97071	079	/	/
Birr	965	97081	083	/	/
Collinstown	969	97041	005	/	/
Rineanna	962	97081	086	/	/
Roches Point	952	97071	086	/	/
Valentia	953	97091	085	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wP_wH_wH_w$	$Id_wd_wP_wP_wH_wH_w$
A	50620	33012	51022	80022	08905	38608	00711	/////	/////	05300	11045	1////
B	50565	51012	80923	65028	98752	845//	00737	88628	/////	06157	10926	1////
C	50570	35512	82318	65858	12451	7853/	00503	83815	87625	06354	12536	1////
D	50440	41012	82035	37618	15512	874//	00717	88810	/////	00410	11958	1////
I	50589	18912	32518	98158	12207	33560	00214	81920	83825	05403	12534	12147
J												
K												
M	53662	02012	73419	06858	11452	79100	00104	85915	87630	06856	13546	1////

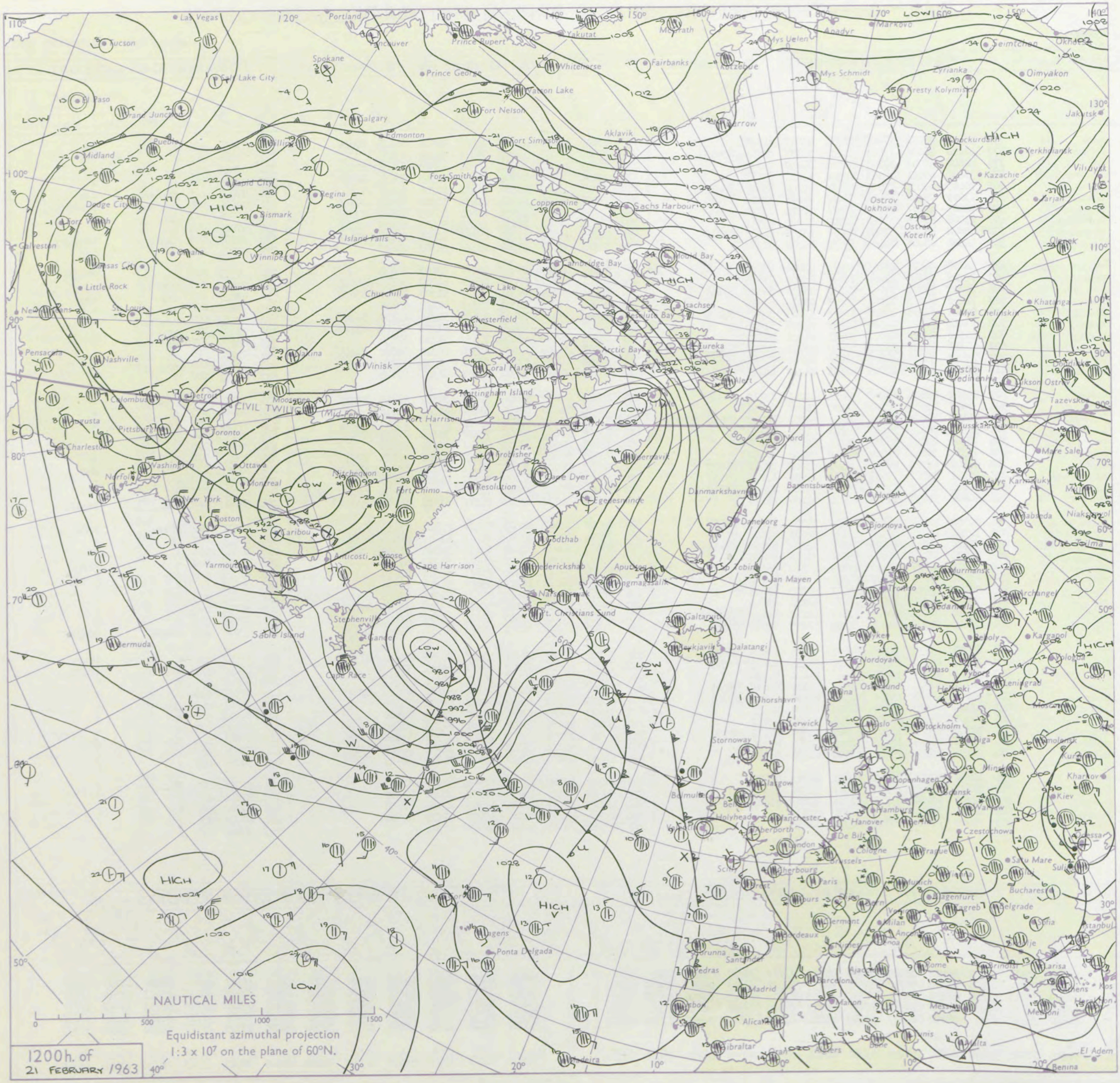
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wP_wH_wH_w$	$Id_wd_wP_wP_wH_wH_w$
A	50620	33018	82012	20738	07900	4722/	00707	/////	/////	06250	12033	1////
B	50565	51018	80734	63108	94000	2742/	00819	82810	88440	05653	10749	1////
C	50570	35518	81426	63808	04003	855//	00747	88620	/////	05551	14976	1////
D	50439	41018	81325	56616	10813	875//	00725	88820	/////	00212	12059	1////
I	50589	18618	32412	98031	12607	32500	00202	83825	/////	05400	12422	12757
J												
K												
M	53662	02018	72916	70028	12552	79460	00205	86917	/////	06755	11291	13545

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



Explanation of symbols

CLOUD

Symbol

Sk

WEATHER

Symbol

Mis
Fog
Dri
Rai
Rai
Rai
Sno
Rai
Sno
Ha
Thu

WIND

Symbol

For each half-feather 5 knots

CHARTS OF WEATHER IN WEST EUROPE

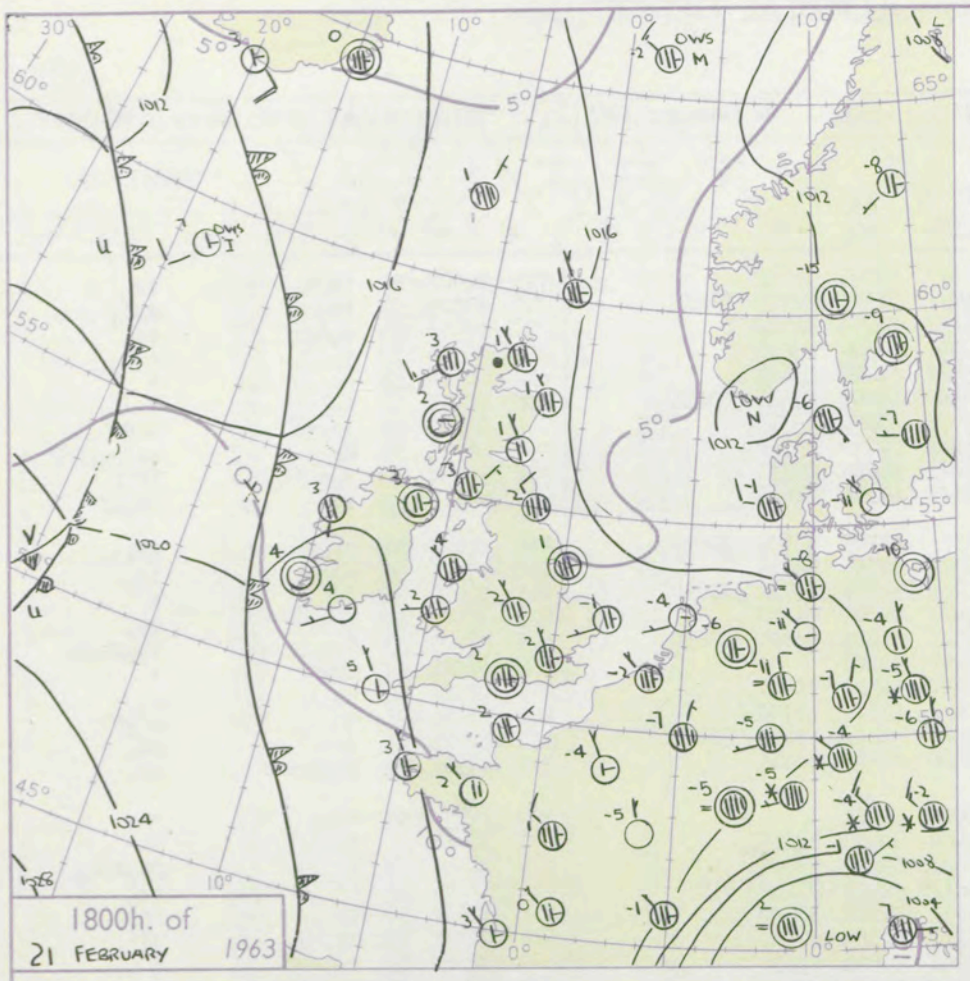
nation
mbols

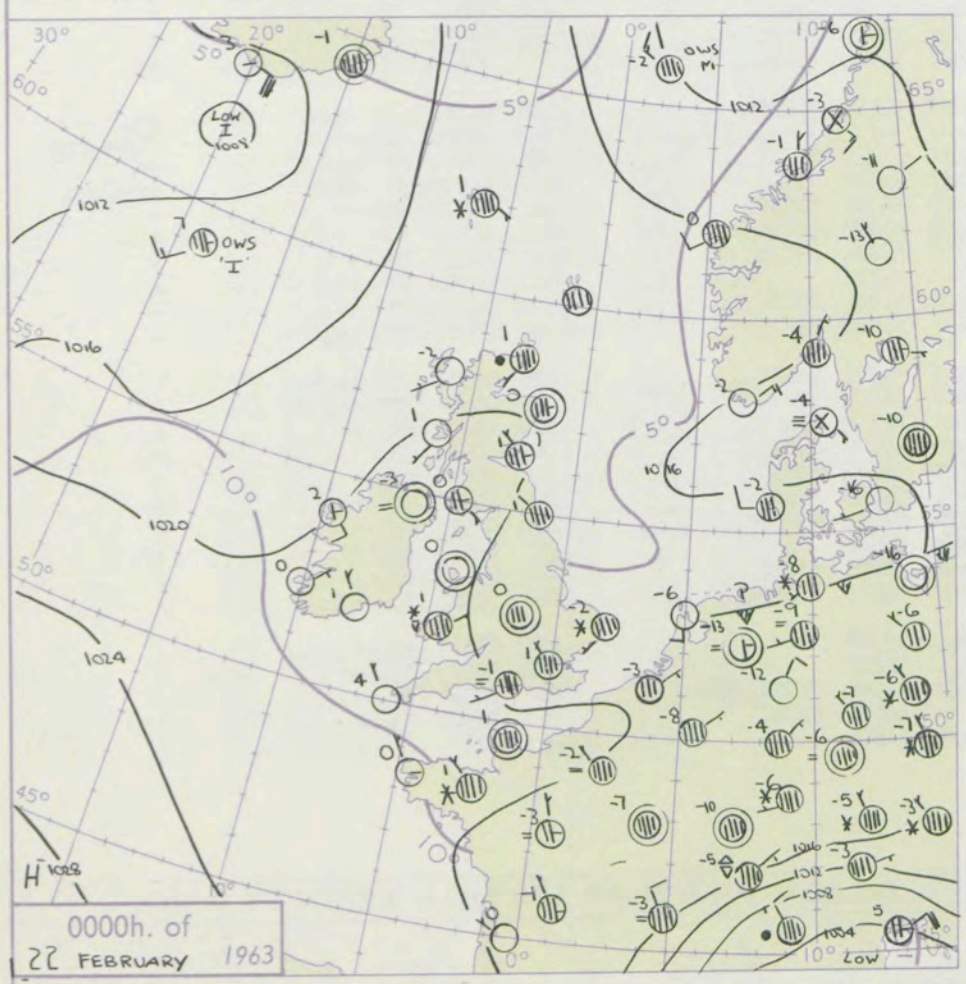
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

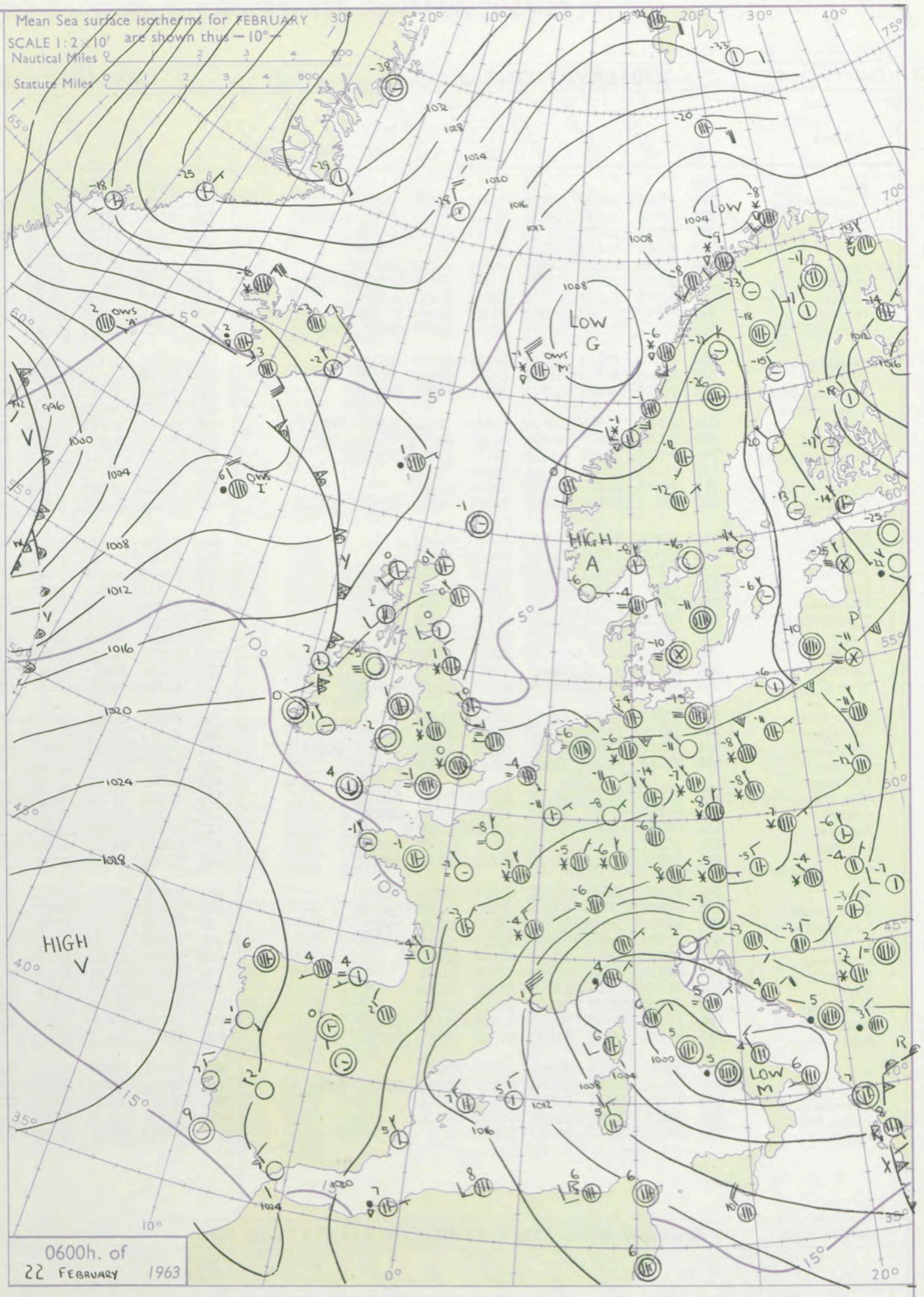
THER
Weather

zzle
and
rizzle
and snow
w
shower
and snow
ower
w shower
shower
nderstorm

IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
her add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Friday 22 February** 1963

There has been a slow rise of pressure over the British Isles over the past 24 hours, and this will continue, so that U.K. weather will become primarily anticyclonic. The Atlantic low near Newfoundland yesterday has moved northeast and is now filling as it continues towards Iceland, but there will be considerable troughing to the south along the front. The depression off the Norwegian coast will turn northeast and pressure will rise steadily over southern Scandinavia and Poland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Rain showers will continue in northwest Scotland, with a few also in southwest England. Occasional snow showers over central and eastern England will later become confined to eastern areas from Lincolnshire to Kent. Other areas will be dry, and all districts will have some sunshine. Fog patches will occur in many parts of England tonight.

OUTLOOK for following 24 hours

Mainly dry, with frost and fog in many places at night. Generally cold in central and eastern districts.

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

Code FM 11.A

OBSERVATIONS at 00h. 22 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775			01					
London Airport	772	83003	28227	19201	857//	52206	88650		
Gatwick	776	80000	36717	19451	854//	52207	85710	88618	
Thorney Island	871	83102	17052	19850	857//	51204	88656		
Hurn	862	82601	14102	19351	855//	51000	88628		
Guernsey	894	20105	62028	20901	25700	00208	82650		
Wattisham	590	82205	20227	18952	854//	53206	83709	88618	
Gorleston	497	82005	14737	18252	863//	54203	88709		
Mildenhall	578	82702	13107	19051	855//	52207	83708	86710	88620
Cardington	559	83204	32057	19301	856//	51107	84640	88656	
West Raynham	485	82504	03467	18651	861//	52206	88702		
Wittering	462	83005	28042	19400	856//	52207	88640		
Boscombe Down	746	70000	40022	19700	757//	51203	87656		
Ross-on-Wye									
Bristol	628	70000	56012	20601	756//	51206	83636	87650	
Aberporth	502	80604	40861	20801	834//	01310	84910	88635	
Rhoose (Cardiff)	715	73107	74031	20101	757//	51202	87650		
Plymouth	827	03406	40040	21101	00900	01105			
Chivenor	707	00000	62011	20800	00900	51207			
St. Mawgan	817	30000	74010	21602	38500	02104	81820	83648	
Culdrose	809	03205	69020	21901	00900	50209			
Scilly	804	03302	83020	22004	00900	52203			
Elmdon	534	60000	12042	19150	656//	52207	86645		
Shawbury	414	82903	59032	19750	858//	51205	88657		
Manchester	334	70000	15102	19501	757//	50208	87650		
Squires Gate	318	80106	19044	19602	857//	52208	88656		
Valley	302	00000	61021	20400	00900	51209			
Ronaldsway	204	70107	80021	20401	785//	52207	81820	87646	
Carlisle	222	00000	58020	21051	00900	54311			
Watnall	354	80000	19858	19201	855//	51206	88620		
Spurn Head	396	72903	16051	17900	7097/	51204	87640		
Finningley	360	83107	32042	19101	857//	52207	88650		
Dishforth	261	83107	61702	19001	857//	52304	86713	88650	
Tynemouth	262	83212	61028	19101	856//	52208	88630		
Eskdalemuir									
Mull of Galloway	131	10102	83020	21201	15600	51211	81630		
Prestwick	135	51302	62011	20450	557//	53106	85656		
Renfrew	141	00000	24041	20851	00900	53207			
Leuchars	171	73107	[illegible]	[illegible]	[illegible]	53207	87630		
Dyce	091	70000	66031	20000	756//	52206	87640		
Wick	075	81906	58687	19101	854//	01304	88615		
Cape Wrath	049	52705	83012	17904	556//	00400	85630		
Sule Skerry	010	82302	58656	16603	864//	02400	88715		
Lerwick	005	83003	80021	17901	856//	54208	88645		
Stornoway	026	02306	82021	19152	00900	53102			
Benbecula	022	01710	89020	19100	00900	51801			
Tiree	100	01907	82020	20001	00900	51102			
Aldergrove	917	80000	58101	21453	00900	53207			
Malin Head	980	11708	74010	20500	15600	51104	81635		
Belmullet	976	31409	69021	19802	00902	01301	83070		
Birr	965	00000	70020	21953	00900	53208			
Collinstown	969	83004	66258	21102	885//	01306	82822	88632	
Rineanna	962	00000	56100	21654	00900	55204			
Roches Point	952	03401	66020	21401	00900	00104			
Valentia	953	00704	21500	00900	51102				

OBSERVATIONS at 06h. 22 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
775	80000	26707	20101	855//	51305	88622		
772	80000	17717	20550	856//	51308	82715	88635	
776	80000	26107	20451	864//	52209	88710		
871	32901	17051	20752	00902	53309	83072		
862	80000	48102	20351	856//	51303	88647		
894	53206	66011	21402	58400	00304	83818	83656	
590	92705	01474	19853	9/0//	53204	89/00		
497	82705	14107	20551	864//	52210	88710		
578	90000	01494	20154	9/0//	55205	89/01		
559	80000	14227	20350	855//	51306	88625		
485	62504	11704	19958	655//	59205	83702	85620	
462	83206	19048	20351	857//	52306	88656		
746	70000	56032	21050	757//	52308	83712	87650	
627	82001	63028	20500	864//	00305	88710		
628	70000	32878	21400	785//	51205	83824	87650	
502	00000	74028	21252	00900	52201			
715	13406	69011	20851	15700	53300	81650		
827	93305	08474	21201	9/0//	01602	89/00		
707	71002	56258	21201	785//	51500	85820	87633	
817	22102	74028	21901	28400	00601	82815		
809	03302	69020	22100	00900	51301			
804	20000	83030	22004	21400	00400	82818		
534	83406	28708	20251	856//	52202	88640		
414	73505	48027	20751	788//	51103	87657		
334	80000	08707	20700	857//	51108	88650		
318	70104	58242	20701	757//	52304	87650		
302	50000	61022	21101	55600	51400	85645		
204	13607	80021	21453	15700	55202	81656		
222	30000	58011	22052	35740	54302	83650		
354	80000	28268	20450	855//	52204	88625		
396	52906	16051	19250	45610	52103	84630		
360	83309	40705	20201	856//	51204	83714	88635	
261	73606	62017	20451	756//	52307	87631		
262	73408	61708	20201	764//	00302	87712		
162	10000	74020	22756	15600	58303	81635		
131	10202	81020	21052	15600	54709	81630		
135	11105	74010	21655	15700	56204	81656		
141	00000	40040	21854	00900	55303			
171	22608	74011	20300	25600	52001	82635		
091	73002	66028	20700	756//	51202	87635		
075	52806	80037	19250	555//	51302	85620		
049	21809	86011	17902	25600	51502	82630		
010	32309	74016	17704	35500	01704	83620		
005	10000	82031	18251	15700	54101	81656		
026	31910	82030	18700	35600	51803	83630		
022	31613	86020	18303	35600	01605	83630		
100	42009	89030	19802	35701	01501	83650		
917	80000	14404	22155	00900	56303			
980	31707	74030	20700	32500	52400	83820		
976	21506	66028	19702	22500	02801	82825		
965	01603	70020	22255	00900	55507			
969	02904	66011	21750	00900	52202			
962	81107	48101	21651	855//	52501	85624	88650	
952	13201	62020	21901	15600	00101	81640		
953	00000	74020	21550	00900	52501			

OBSERVATIONS during NIGHT

iii	RRT$_n$T$_n$E	T$_g$T$_g$	WEATHER 21h.–03h.	WEATHER 03h.–09h.
775	91007	53	is_o	is_o
772	97505	52	is_o	s_os_o
776	92538	54	s_os_o	is_o
871	00533	57	+	+
862	00513	53	+	+
894	00013	53	+	+
590	92567	57	is_oss	ifFF
497	01537	53	ss	$ssis_offFF$
578	97557	55	s_os_offFF	FFff
559	97515	53	is_o	is_off
485	97607	62	$FFis_o$	$FFis_o$
462	97525	54	ps_o	is_o
746	00516	53	+	+
627	97506	52	+	ps_o
628	97505	53	+	is_ophos_o
502	03526	57	phps	+
715	00525	57	+	+
827	97003	56	+	pr_off
707	97513	55	+	ps_o
817	03506	52	pr_oprs	ph_o
809	00525	56	+	+
804	00021		+	+
534	91526	55	+	$ps_os_os_o$
414	97515	53	+	is_o
334	92517	53	ff	ffis
318	00503	53	if	if
302	00523	57	+	+
204	00545	57	+	+
222	00535	56	+	+
354	97516	53	ps_o	ps_o
396	94517		+	ps_o
360	97005	51	+	$id_ops_ois_o$
261	97517	52	s_os_o	is_o
262	06007	52	ps	$psis_os_os_o$
162	00577	57	+	+
131	00531		/	/
135	00563	59	+	+
141	00553	58	+	+
171	00513	53	+	+
091	97506	52	ps_o	+
075	04516	53	is_oir_o	+
049	01000	53	ir_o	+
010	05011	01	/	/
005	00525	55	+	+
026	00541	57	+	+
022	00525	57	+	jp
100	00513	59	+	+
917	00575	61	ff	if
980	97514	53	/	/
976	92013	53	/	/
965	97563	59	/	/
969	97513	55	/	/
962	97543	57	/	/
952	97003	53	/	/
953	97		/	/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	60620	33000	41806	74028	07801	48500	00400	/////	/// /	05956	11833	1////
B	60565	51000	80520	18717	96800	4742/	00120	84815	88540	05851	10509	1////
C	60570	35500	81443	59617	93105	8742/	00947	86810	88520	00004	11449	1////
D	60440	41000	83214	61616	10412	8042/	00210	88510	/////	05310	12356	1////
I	60589	18500	72114	98021	13007	756//	61400	87640	/////	05453	12222	12756
J												
K												
M	63662	02000	82817	60268	12152	895//	00508	88930	/////	06557	12823	13542

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	60620	33006	80804	74022	05002	856//	00720	/////	/////	05957	149/2	1////
B	60565	51006	61113	65028	97801	62400	00308	88815	/////	05351	10846	1////
C	60570	35506	81820	61806	91906	874//	00905	88610	/////	05103	11646	1////
D	60440	41006	23219	65018	14210	22500	00234	82825	/////	05704	12946	1////
I	60589	18906	82920	97608	10606	855//	51513	86625	88640	05703	12832	14917
J												
K												
M	63662	02306	73132	40852	08951	79400	00722	87915	/////	06554	13136	13542

CONVE TAB °C t

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36983

Date of Issue Saturday 23 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 22 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	70000	19052	22103	757//	50105	85710	87656	
London Airport	772	73501	15048	22403	5583/	51206	85637	85360	
Gatwick	776	80802	14107	22502	857//	00209	82709	86625	88650
Thorney Island	871	40000	23051	22903	35401	53108	83615		
Hurn	862	70205	56042	22403	786//	51210	83830	86640	
Guernsey	894	73407	74268	22903	784//	01205	85810	87640	
Wattisham	590	92103	F3494	22453	9/0//	53110	89/01		
Gorleston	497	82702	06427	22451	864//	52113	88712		
Mildenhall	578	73401	23054	22002	756//	51107	87640		
Cardington	559	70000	32102	22402	7563/	50006	87635	83358	
West Raynham	485	70000	17287	22000	757//	51110	87650		
Wittering	462	73305	56042	22102	785//	50106	84820	87650	
Boscombe Down	746	73502	73022	22902	657//	00207	86650		
Ross-on-Wye	627	60000	48012	22402	656//	51104	86630		
Bristol	628	20306	40048	23303	28600	00305	81830		
Aberporth	502	31704	74010	22504	38400	51101	81818	83635	
Rhoose (Cardiff)	715	70000	61041	22904	785//	52105	81825	87645	
Plymouth	827	70606	66022	22905	756//	52101	87640		
Chivenor	707	70000	66038	22905	786//	01205	81830	87635	
St. Mawgan	817	60000	65018	23105	68500	03005	82820	86657	
Culdrose	809	72502	62052	23005	784//	03005	81710	83815	88625
Scilly	804	12601	74011	23208	11400	02103	81818		
Elmdon	534	73605	35227	22202	755//	50208	83620	87645	
Shawbury	414	63605	56047	22903	684//	52005	81818	86656	
Manchester	334	60303	14047	22203	65700	52400	86650		
Squires Gate	318	13106	23044	22704	15700	51206	81650		
Valley	302	10702	80021	23105	11500	52003	81820		
Ronaldsway	204	11206	87020	23305	18500	52107	81820		
Carlisle	222	70000	61022	23701	755//	53003	82627	87650	
Watnall	354	63605	19268	22202	656//	51207	83635	86656	
Spurn Head	396	73206	57038	21503	785//	01209	85820	84625	
Finningley	360	73511	56228	22603	757//	00207	87650		
Dishforth	261	73508	58047	22703	785//	52208	81822	87645	
Tynemouth	262	83507	48838	22901	884//	00212	83820	88630	
Eskdalemuir	172	70000	80022	23901	756//	53309	87632		
Mull of Galloway	131	11802	82020	23206	11500	00213	81825		
Prestwick	135	32203	62040	22806	18601	53203	81830	83075	
Renfrew	141	00000	18044	23202	00900	55204			
Leuchars	171	12508	62041	22103	10930	52107	83159		
Dyce	091	10000	56041	21804	15601	51206	81635		
Wick	075	12107	89021	19805	15600	50102	81640		
Cape Wrath	049	45805	86030	18104	45600	51401	84630		
Sule Skerry	010	32313	85020	18205	11549	03208	81825		
Lerwick	005	62012	83031	18804	3843/	01602	82818	83365	
Stornoway	026	71816	70022	18805	756//	03001	84710	87635	
Benbecula	022	71815	62808	18604	794//	04001	82710	85916	87635
Tiree	100	21915	82011	20706	19581	02107	81925		
Aldergrove	917	00000	09424	23101	00900	52006			
Malin Head	980	12114	86010	21306	10930	51202	81360		
Belmullet	976	11809	75010	20406	19500	04202	81924		
Birr	965	71703	81031	22205	756//	51803	87633		
Collinstown	969	11203	66050	22806	11400	01101	81816		
Rineanna	962	71109	58052	22203	756//	54002	87645		
Roches Point	952	50000	56101	22205	51500	03001	85822		
Valentia	953	31810	75031	21408	39502	03400	81921	83635	

OBSERVATIONS at 18h. 22 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	80301	13687	24301	857//	51316	85708	88650	
London Airport	772	80000	19718	24000	872//	51316	88704		
Gatwick	776	80103	32772	23501	855//	51210	85620	88630	
Thorney Island	871	50000	13102	23701	50930	50211	85359		
Hurn	862	83409	56868	23101	855//	51110	82715	85623	88630
Guernsey	894	33405	70011	23602	28440	52212	82816		
Wattisham	590	71305	11104	23651	756//	51211	82715	87630	
Gorleston	497	82801	06464	23750	864//	51210	88710		
Mildenhall	578	91302	00474	23751	9/0//	52316	89/01		
Cardington	559	80000	14102	23650	856//	51309	88630		
West Raynham	485	70000	37021	23100	756//	51309	87640		
Wittering	462	70000	23258	23501	786//	50209	82830	87650	
Boscombe Down	746	70000	19058	23901	756//	51209	82715	87630	
Ross-on-Wye	627	40000	24020	23302	45600	52208	84630		
Bristol	628	70000	19041	23802	756//	51209	87635		
Aberporth	502	70000	74031	23102	785//	50203	83820	86635	
Rhoose (Cardiff)	715	73603	48041	23702	785//	52208	82825	87635	
Plymouth	827	70000	19048	23604	756//	53309	87645		
Chivenor	707	60000	66012	23304	65600	50207	83630	85640	
St. Mawgan	817	73502	66021	23504	785//	00304	85825	87657	
Culdrose	809	60000	26112	23503	4563/	01212	84630	83360	
Scilly	804	30000	81030	23206	11440	00400	81815		
Elmdon	534	81503	18858	23001	884//	50208	85815	88630	
Shawbury	414	71303	32268	23602	755//	51212	87630		
Manchester	334	50000	20048	23102	55600	52208	85645		
Squires Gate	318	10000	009040	23301	15600	52306	81630		
Valley	302	10305	62020	23303	15600	52302	81635		
Ronaldsway	204	10502	86020	23201	00901	52102	81075		
Carlisle	222	10000	62011	24201	15600	53204	81640		
Watnall	354	80000	09048	23401	885//	00308	83820	88640	
Spurn Head	396	60000	59028	22901	68500	00212	83820	85825	
Finningley	360	73306	17048	23502	756//	00309	83630	87645	
Dishforth	261	62905	15108	23700	646//	00209	82630	84645	
Tynemouth	262	70000	23508	23402	756//	01104	87635		
Eskdalemuir	162	70000	80022	24700	756//	51105	87630		
Mull of Galloway	131	11402	82020	23402	15600	01400	81630		
Prestwick	135	12205	23040	23201	15600	52207	81645		
Renfrew	141	02501	16040	23202	00900	52033			
Leuchars	171	02605	48040	22501	00900	51306			
Dyce	091	10000	48040	22550	15700	53204	81650		
Wick	075	71906	86030	19803	6553/	51130	86520		
Cape Wrath	049	72318	82028	18004	774//	01215	87720		
Sule Skerry	010	82118	66505	17450	864//	04705	89707	88715	
Lerwick	005	72112	79168	18103	784//	08102	84818	87630	
Stornoway	026	22015	70258	19004	23400	03206	82918		
Benbecula	022	31712	69011	19303	38500	02204	81820	83640	
Tiree	100	11917	74040	20804	15540	01400	81625		
Aldergrove	917	11808	82014	22502	00901	53001	81070		
Malin Head	980	21809	80030	21103	10931	00202	81362		
Belmullet	976	31807	75011	19404	28530	03502	81823	83358	
Birr	965	71405	77022	21505	7566/	51301	87635		
Collinstown	969	11307	74010	22702	14601	53302	81630		
Rineanna	962	81408	66021	20806	757//	02301	87650		
Roches Point	952	11609	66011	21506	13500	04501	81925		
Valentia	953	71803	80028	20106	795//	03503	83922	87633	

OBSERVATIONS during DAY

Station	iii	RRTTxTE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97036	000	ffisorosoirо	irorosososoisо
London Airport	772	96047	000	psо	sososs
Gatwick	776	94037	005	isо	isosososs
Thorney Island	871	00051	053	+	+
Hurn	862	97031	///	+	psо
Guernsey	894	93053	026	prosо	+
Wattisham	590	00006	///	FF	FFff
Gorleston	497	97005	000	FFisо	ff
Mildenhall	578	00036	042	ff	FF
Cardington	559	00045	016	+	+
West Raynham	485	00037	031	FFff	ffFF
Wittering	462	97025	004	+	prophо
Boscombe Down	746	97036	009	+	psо
Ross-on-Wye	627	00055	044	+	+
Bristol	628	00045	026	+	+
Aberporth	502	00053	051	+	+
Rhoose (Cardiff)	715	00055	019	+	+
Plymouth	827	97071	028	prosо	prosо
Chivenor	707	00061	014	+	+
St. Mawgan	817	01071	047	phoro	pro
Culdrose	809	02064	021	rr	+
Scilly	804	00091	079	+	+
Elmdon	534	93035	002	isophо	prosops
Shawbury	414	97055	035	isо	psо
Manchester	334	91043	010	if	isopsо
Squires Gate	318	00063	072	if	ifff
Valley	302	00063	095	+	+
Ronaldsway	204	00065	096	+	+
Carlisle	222	00055	018	+	+
Watnall	354	97036	002	psо	ifpsо
Spurn Head	396	94035	045	+	prosо
Finningley	360	97055	018	sosoisoido	pro
Dishforth	261	92037	008	psо	prosopso
Tynemouth	262	92035	010	psprosо	+
Eskdalemuir	162	00037	000	+	+
Mull of Galloway	131	00061	///	/	/
Prestwick	135	00063	091	+	+
Renfrew	141	00073	076	+	+
Leuchars	171	00053	082	+	+
Dyce	091	00076	072	+	+
Wick	075	00061	081	+	+
Cape Wrath	049	93051	///	+	pro
Sule Skerry	010	97071	///	/	/
Lerwick	005	97055	036	pro	proiro
Stornoway	027	94061	014	iro	propr
Benbecula	022	04075	030	proPR	pro
Tiree	100	00061	075	+	+
Aldergrove	917	00065	071	if	+
Malin Head	980	9707/	092	/	/
Belmullet	976	9708/	082	/	/
Birr	965	9708/	042	/	/
Collinstown	969	9706/	086	/	/
Rineanna	962	9709/	032	/	/
Roches Point	952	9707/	064	/	/
Valentia	953	9710/	056	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33012	70520	60852	03802	794//	ø0604	/////	/////	05852	10545	1////
B	60565	51012	81432	65022	92102	6842/	00746	81810	86625	05151	11248	1////
C	60570	35512	72504	63808	92908	785//	00210	82823	87645	05202	11858	1////
D	60440	41012	23208	69010	20910	00905	00127	822//	/////	00205	13046	1////
I	60590	19212	51709	97258	11306	39502	00002	81920	836/0	05760	117/2	12546
J												
K												
M	63661	02612	83127	65278	12551	894//	71312	86920	/////	06455	13136	1////

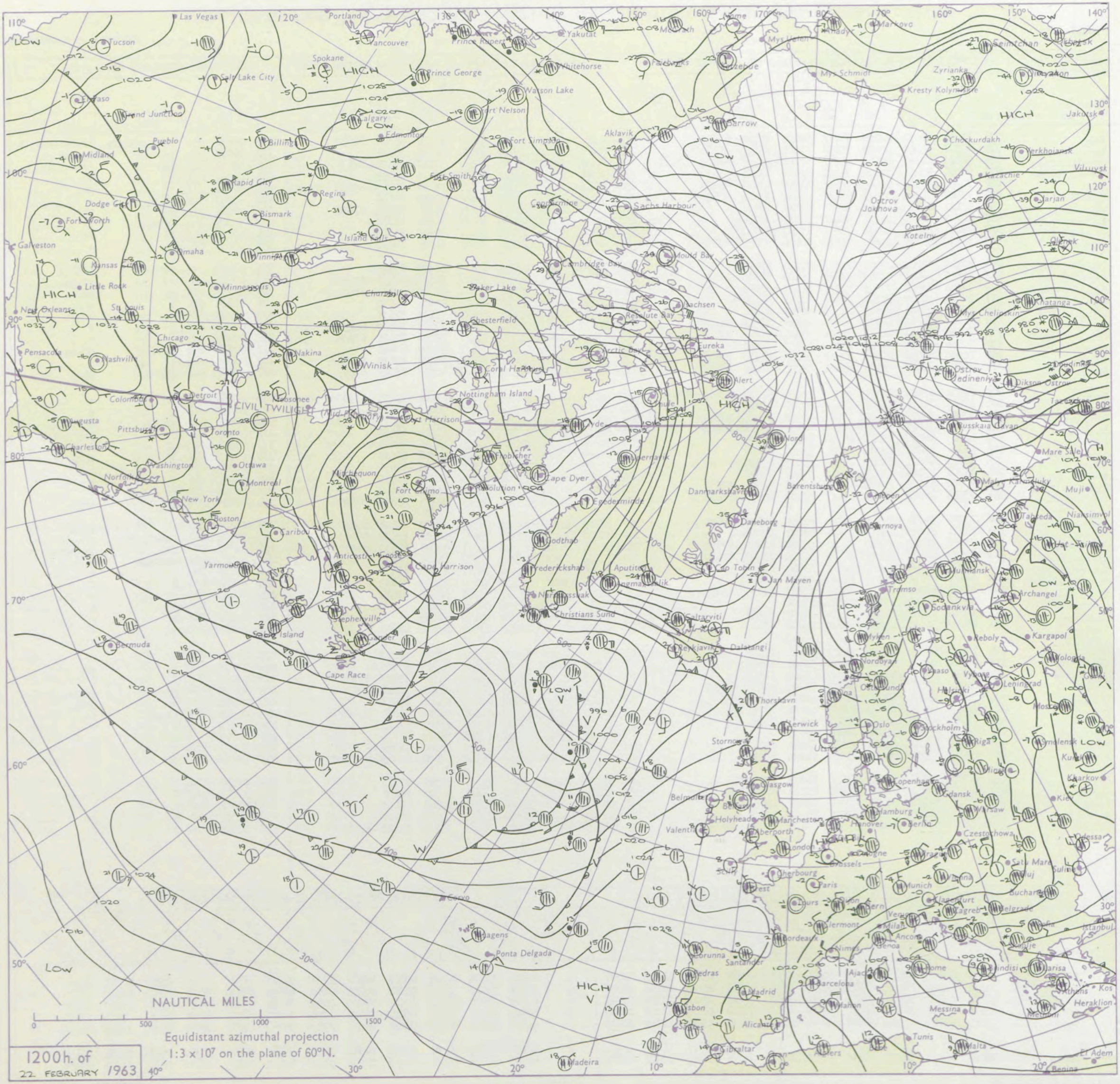
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	60620	33018	60336	60808	00703	5732/	00715	/////	/////	05700	10367	1////
B	60565	51018	52328	65268	90251	52500	00507	85820	/////	05856	17240	1////
C	60570	35518	62714	67028	97005	68500	00229	85820	/////	05302	12247	1////
D	60440	41018	82303	69022	21612	00907	00803	/////	/////	00206	12935	1////
I	60590	18918	71719	97216	08407	755//	00713	82625	87630	05402	11923	12235
J												
K	60454	14418	82414	80032	22911	2457/	52611	82823	88461	05208	12532	12854
M	63663	02518	82920	60708	14051	5742/	71105	85015	/////	06754	12921	13236

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


Las Vegas
Tucson
Portland
Vancouver
Spokane
Salt Lake City
Prince George
Yakutat
Whitehorse
Watson Lake
Fort Nelson
Fairbanks
Barrow
Aklavik
Inuvik
Sachs Harbour
Mould Bay
Cambridge Bay
Resolute Bay
Eureka
Alert
Thule
Nord
Mys Helen
Mys Schmidt
Anadyr
Markovo
Zyrianka
Kresty
Seimchan
Ust'Nera
Verkhoyansk
Oymyakon
Yakutsk
Cherskurdakh
Kazachie
Viluyusk
Ostrov Jokhova
Ostrov Kotelny
Mys Chelyuskin
Dikson Ostrov
Ostrov Sredinnyy
Khatanga
Tarko-Sale
Russkaia Gavan
Mare Sale
Muji
Niamsimvol
Takheda
Archangel
Murmansk
Bodankyla
Tromso
Vardo
Jan Mayen
Kirkenes
Petsamo
Nordoyan
Reboly
Kargapol
Vologda
Leningrad
Moscow
Smolensk
Kursk
Kharkov
Kiev
Odessa
Lwow
Warsaw
Gdansk
Riga
Vilna
Minsk
Copenhagen
Stockholm
Oslo
Lerwick
Thorshavn
Stornoway
Glasgow
Belmullet
Holyhead
Manchester
Aberporth
London
Hannover
Berlin
Hamburg
Brussels
Cherbourg
Paris
Munich
Czestochowa
Satu Mare
Sulina
Bucharest
Belgrade
Klagenfurt
Zagreb
Vienna
Milan
Venice
Genoa
Ancona
Rome
Nice
Lyons
Clermont
Bordeaux
Nimes
Ajaccio
Barcelona
Madrid
Corunna
Santander
Lisbon
Gibraltar
Alicante
Malaga
Algiers
Tunis
Malta
Messina
Athens
Kos
Heraklion
Larisa
Istanbul
Izmir
Benina
El Adem
Tabriz
Baghdad
Basra
Kuwait
Bahrain
Dhahran
Sharjah
Muscat
Masirah
Salalah
Aden
Socotra
Addis Ababa
Asmara
Khartoum
Wadi Halfa
Port Sudan
Wau
Juba
Malakal
Nairobi
Mombasa
Entebbe
Kisumu
Kigali
Bujumbura
Dar es Salaam
Tanga
Zanzibar
Mahe
Diego Garcia
Gan
Addu Atoll
Colombo
Trincomalee
Madras
Cuddalore
Pondicherry
Karaikal
Vellore
Bangalore
Cochin
Calicut
Mangalore
Goa
Bombay
Ahmedabad
Jodhpur
Jaisalmer
Bikaner
Delhi
Jaipur
Agra
Lucknow
Allahabad
Varanasi
Patna
Gaya
Jamshedpur
Calcutta
Dibrugarh
Gauhati
Shillong
Agartala
Akyab
Rangoon
Mergui
Phuket
Penang
Kuala Lumpur
Singapore
Medan
Padang
Palembang
Jakarta
Bandung
Semarang
Surabaya
Denpasar
Kupang
Darwin
Alice Springs
Perth
Geraldton
Learmonth
Port Hedland
Broome
Derby
Wyndham
Kununurra
Tennant Creek
Mount Isa
Cloncurry
Longreach
Charleville
Brisbane
Rockhampton
Townsville
Mackay
Cairns
Weipa
Thursday Island
Normanton
Burketown
Camooweal
Boulia
Birdsville
Alice Springs
Ceduna
Woomera
Adelaide
Mount Gambier
Port Lincoln
Kalgoorlie
Esperance
Albany
Forrest
Eucla
Nullarbor
Madura
Cocos
Christmas Island
Willis Island
Norfolk Island
Lord Howe Island
Auckland
Whangarei
Hamilton
Gisborne
Napier
Wellington
Blenheim
Nelson
Hokitika
Greymouth
Christchurch
Timaru
Dunedin
Invercargill
Chatham Island
Campbell Island
Macquarie Island
Raoul Island
Nandi
Suva
Rotuma
Funafuti
Nauru
Tarawa
Majuro
Kwajalein
Wake Island
Guam
Koror
Truk
Ponape
Kusaie
Honolulu
Midway Island
Johnston Island
Canton Island
Fanning Island
Christmas Island
Tahiti
Rarotonga
Penrhyn
Pago Pago
Apia
Nuku'alofa
Niue
Aitutaki
Manihiki
Nassau
Miami
Key West
Tampa
Jacksonville
Charleston
Norfolk
Washington
Baltimore
Philadelphia
New York
Boston
Portland
Caribou
Yarmouth
Sydney
Halifax
Goose Bay
Stephenville
Gander
Cape Race
Argentia
Bermuda
Island
Godthaab
Frederickshaab
Narssarssuak
Christians Sund
Aputiteq
Angmagssalik
Reykjavik
Keflavik
Dalatangi
Caltanviti
Faeroes
Shetland
Aberdeen
Edinburgh
Belfast
Dublin
Shannon
Valentia
Lerwick
Stornoway
Thorshavn
Faeroes
Iceland
Jan Mayen
Bear Island
Franz Josef Land
Novaya Zemlya
Severnaya Zemlya
New Siberian Islands
Wrangel Island
Ostrov Vrangelya
Ostrov Kotelny
Ostrov Bolshevik
Ostrov Sredinnyy

CHARTS OF WEATHER IN WEST EUROPE

nation
mbols

OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

THER
Weather

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and snow
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shower
and snow
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w shower
shower
nderstorm

IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
her add
48–52

1800h. of 22 FEBRUARY 1963

0000h. of 23 FEBRUARY 1963

Mean Sea surface isotherms for FEBRUARY are shown thus —10°—

SCALE 1:2×10⁷

Nautical Miles 0 1 2 3 4 500

Statute Miles 0 1 2 3 4 500

0600h. of 23 FEBRUARY 1963

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Saturday 23 February 1963

Pressure has risen well over Germany and Poland and an anticyclone is now well established with a ridge to the British Isles. The Atlantic low centre south of Iceland is now filling, but considerable troughing to the south has permitted separate low formation southwest of Ireland. This low will move southeast to south Biscay, heading for the Mediterranean and will not affect the British Isles. A deep low over Labrador will drift east, with cyclogenesis likely ahead, near south Greenland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Much of the Midlands, east and northeast England will be cloudy today with slight snow at times, but most other places will be dry with sunshine. Frost will be widespread tonight, moderate in many places and severe in parts of Wales, central Scotland and southeast England. It will continue cold or very cold in all central and eastern districts, with sub-freezing temperatures all day in places, and some fog patches.

OUTLOOK for following 24 hours

Mainly dry and cold or very cold.

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

Code FM 11.A

OBSERVATIONS at 00h. 23 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775			01					
London Airport	772	80000	19287	25351	856//	51308	82710	88635	
Gatwick	776	80000	13717	25050	873//	52105	88708		
Thorney Island	871	80701	14104	25200	855//	51205	88626		
Hurn	862	80000	28058	24652	856//	53205	88635		
Guernsey	894	10000	50050	24700	18500	52102	81820		
Wattisham	590	61805	19104	25553	66400	53205	86711		
Gorleston	497	81906	56052	25200	855//	51103	88624		
Mildenhall	578	81704	05424	25351	862//	52105	88704		
Cardington	559	22202	14101	25053	25600	54206	82630		
West Raynham	485	81705	02434	25252	855//	52206	88627		
Wittering	462	80000	07448	25050	856//	50104	82709	88634	
Boscombe Down	746	90000	06454	25251	9/0//	51206	89/02		
Ross-on-Wye									
Bristol	628	00000	15040	25252	00900	53002			
Aberporth	502	11610	36011	23701	15600	51500	81640		
Rhoose (Cardiff)	715	01005	28011	24652	00900	53501			
Plymouth	827	00707	40041	24350	00900	52201			
Chivenor	707	00907	74021	24152	00900	55400			
St. Mawgan	817	01007	62018	24100	00900	51303			
Culdrose	809	00603	56110	23800	00900	00401			
Scilly	804	01602	81020	23405	00900	00802			
Elmdon	534	90000	F4474	28454	9/0//	54206	89/00		
Shawbury	414	80000	28102	28850	858//	50206	88657		
Manchester	334	80905	11041	24551	857//	53204	88650		
Squires Gate	318	01102	09044	24254	00900	55003			
Valley	302	00903	61020	23952	00900	55501			
Ronaldsway	204	00507	59040	23752	00900	54701			
Carlisle	222	00903	59020	24954	00900	55002			
Watnall	354	30000	11108	24950	35600	51206	83630		
Spurn Head	396	60000	48268	24800	635//	51207	86920		
Finningley	360	40000	09444	25151	45500	51206	84622		
Dishforth	261	70003	19108	24852	755//	52303	87625		
Tynemouth	262	72502	06464	24101	756//	52500	87632		
Eskdalemuir									
Mull of Galloway	131	11806	82020	23902	15600	00402	81630		
Prestwick	135	01206	69020	23655	00900	55301			
Renfrew	141	00000	06464	24154	00900	55303			
Leuchars	171	02407	61040	23553	00900	55205			
Dyce	091	00000	62020	23055	00900	57201			
Wick	075	12208	86021	20002	15500	53501	81620		
Cape Wrath	049	43219	83030	18603	455//	00400	84625		
Sule Skerry	010	32313	84025	18805	35500	03222	83625		
Lerwick	005	82312	69028	17704	856//	03702	88637		
Stornoway	026	11914	74018	19804	12500	03202	81825		
Benbecula	022	01613	74021	19703	00900	01202			
Tiree	100	01821	74020	21204	00900	50303			
Aldergrove	917	01707	82020	22951	00900	54301			
Malin Head	980	21612	74020	21301	20930	53202	82360		
Belmullet	976	21706	69030	18802	20930	01806	82359		
Birr	965	01407	74010	21402	00900	01801			
Collinstown	969	01307	80020	22850	00900	53400			
Rineanna	962	01208	48101	20801	00900	00602			
Roches Point	952	11609	62021	20905	15600	04707	81640		
Valentia	953	31509	75028	19305	33500	02607	83922		

OBSERVATIONS at 06h. 23 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$
Kew	775	81704	70057	25800	855//	51306	88620		
London Airport	772	80000	07444	25951	856//	52204	83706	88635	
Gatwick	776	80501	23707	26351	872//	51210	84704	88706	
Thorney Island	871	70301	11284	26052	755//	52206	87625		
Hurn	862	90000	01494	25153	9/0//	54205	89/00		
Guernsey	894	61307	44051	25001	663//	51302	84708	85710	
Wattisham	590	71605	26101	26655	00902	55204	87072		
Gorleston	497	82002	60032	26651	855//	52203	88620		
Mildenhall	578	81503	08717	26251	855//	52206	83704	88625	
Cardington	559	80000	04424	25851	863//	51306	88706		
West Raynham	485	91808	01494	26253	9/0//	54206	89/00		
Wittering	462	90000	01717	25751	9/0//	52305	89/00		
Boscombe Down	746	91301	05474	25751	9/0//	52204	89/02		
Ross-on-Wye	627	83301	17101	25254	863//	54703	88708		
Bristol	628	00000	12100	25554	00900	55401			
Aberporth	502	21810	66020	24151	25600	53505	82640		
Rhoose (Cardiff)	715	00906	28040	24953	00900	54301			
Plymouth	827	20707	62030	24552	20930	53301	82360		
Chivenor	707	00907	56020	24353	00900	55501			
St. Mawgan	817	01007	62020	23751	00900	53701			
Culdrose	809	21108	64031	23001	22400	01707	82818		
Scilly	804	11410	81030	21605	15500	02710	81625		
Elmdon	534	90000	02454	25053	9/0//	53202	89/00		
Shawbury	414	10000	40041	25354	15800	55305	81657		
Manchester	334	80000	20042	25051	857//	53304	88650		
Squires Gate	318	00906	12044	24555	00900	56201			
Valley	302	20903	61030	23752	25600	55301	82640		
Ronaldsway	204	01206	63040	23753	00900	54601			
Carlisle	222	10000	59030	25556	10941	57201	81359		
Watnall	354	90000	01474	25752	9/0//	52308	89/01		
Spurn Head	396	31702	48018	25650	35500	51206	83620		
Finningley	360	80000	05467	25700	856//	51203	83702	88638	
Dishforth	261	80602	06417	25451	855//	52302	84703	88625	
Tynemouth	262	82502	32054	25350	855//	53104	88625		
Eskdalemuir	162	00000	48414	26960	00900	61301			
Mull of Galloway	131								
Prestwick	135	01008	66020	23854	00900	56801			
Renfrew	141	00000	17044	24757	00900	58203			
Leuchars	171	02507	48040	24254	00900	56305			
Dyce	091	00000	62020	23757	00900	58205			
Wick	075	02102	86020	21050	00900	53001			
Cape Wrath	039	12013	83020	19102	15500	54702	81625		
Sule Skerry	010	32313	84030	19005	35500	02400	83625		
Lerwick	005	32511	74011	18903	35600	03306	81710	83637	
Stornoway	026	11915	80030	20303	15600	01302	81640		
Benbecula	022	11716	74010	19703	15600	00400	81630		
Tiree	100	01621	74020	21403	00900	00202			
Aldergrove	917	01608	74020	22850	00900	54501			
Malin Head	980	01614	74020	20900	00900	52601			
Belmullet	976	01409	69020	17801	00900	01606			
Birr	965	31410	74020	20103	00902	02709	83072		
Collinstown	969	21205	74021	22201	25600	51804	82630		
Rineanna	962	01011	48101	18202	00900	02719			
Roches Point	952	61514	66031	19506	655//	03608	86622		
Valentia	953	61410	69038	16706	63500	03612	86922		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97005	51	is_o	+
London Airport	772	00527	57	ff	ff
Gatwick	776	03517	52	s_os_oif	$s_os_ois_os_os_o$
Thorney Island	871	00523	57	+	+
Hurn	862	97553	56	+	ffFF
Guernsey	894	00511	51	+	+
Wattisham	590	00556	59	+	+
Gorleston	497	00515	53	+	+
Mildenhall	578	02537	55	FFff	ffs_os_oss
Cardington	559	97535	56	ff	ff
West Raynham	485	97547	56	FFff	FFff
Wittering	462	92526	53	$ffis_off$	s_os_oFF
Boscombe Down	746	97526	53	ff	$ffis_oFF$
Ross-on-Wye	627	00565	59	+	+
Bristol	628	97545	55	+	$ffis_o$
Aberporth	502	00523	55	+	+
Rhoose (Cardiff)	715	00545	56	+	if
Plymouth	827	00523	55	+	+
Chivenor	707	00543	56	+	+
St. Mawgan	817	00513	52	+	+
Culdrose	809	00515	52	+	+
Scilly	804	00030	//	+	+
Elmdon	534	97555	57	ffFF	$ffFFs_os_o$
Shawbury	414	00565	60	+	+
Manchester	334	00523	54	+	+
Squires Gate	318	00563	58	ifff	ffif
Valley	302	00523	55	+	+
Ronaldsway	204	00545	57	+	+
Carlisle	222	00565	59	+	+
Watnall	354	97526	56	ps_oif	$ffis_oFF$
Spurn Head	396	96536	//	ps_o	FF
Finningley	360	97515	54	ff	is_off
Dishforth	261	97527	54	is_o	is_oifFF
Tynemouth	262	00515	51	ff	+
Eskdalemuir	162	00617	63	+	if
Mull of Galloway	131	00011	//	/	/
Prestwick	135	00563	59	+	+
Renfrew	141	00583	61	ff	if
Leuchars	171	00553	58	+	+
Dyce	091	00596	60	+	+
Wick	075	00513	55	+	+
Cape Wrath	049	00001	52	+	+
Sule Skerry	010	97041	02	/	/
Lerwick	005	92035	01	ir_o	+
Stornoway	026	00031	00	+	+
Benbecula	022	00025	52	+	+
Tiree	100	00031	50	+	+
Aldergrove	917	00525	55	+	+
Malin Head	980	97513	53	/	/
Belmullet	976	97011	52	/	/
Birr	965	97011	54	/	/
Collinstown	969	97511	57	/	/
Rineanna	962	97001	52	/	/
Roches Point	952	97051	02	/	/
Valentia	953	92051	02	/	/

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33000	80334	60616	00503	4742/	00304	/////	/////	05402	10389	1////
B	70565	51000	82324	62858	90854	83500	00203	88820	/////	06359	12149	1////
C	70570	35500	62710	65021	04105	58501	00142	82820	83620	05202	11266	12834
D	70440	41000	21920	69011	21511	21500	00505	82825	/////	05206	11915	1////
I	70592	18900	71728	97602	06409	756//	00613	87640	/////	00005	11647	1////
J												
K	70452	15200	81834	60612	16211	873//	52846	88707	/////	05110	10010	12432
M	73661	02600	82927	60717	13852	6742/	61500	86715	/////	05958	13045	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs_s$	$8N_sC_hs_hs_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33006	70434	66606	01004	6742/	00606	/////	/////	05202	10488	1////
B	70565	51006	72028	63028	87647	7241/	00820	87815	/////	06874	12249	1////
C	70570	35506	62319	65022	04704	58501	00605	83820	/////	05402	12645	1////
D	70440	41006	41914	65031	16810	21501	00820	82830	/////	00408	11856	1////
I	70590	19106	71632	97216	05709	3743/	41307	83712	87358	05106	11647	1////
J												
K	70451	15506	81832	57616	06812	873//	51852	88708	/////	00111	11936	12658
M	73662	01606	73118	65017	15252	5742/	71102	85015	/////	05558	13047	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36984

Date of Issue Sunday 24 February 1963

OBSERVATIONS at 12h. — 23 February 1963

Code FM 11.A

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	71603	56227	27502	756//	52002	83635	87656	
London Airport	772	70505	39227	27600	755//	52205	85625	87645	
Gatwick	776	70701	44057	27501	756//	52103	81712	87635	
Thorney Island	871	80704	09448	27201	856//	51103	88640		
Hurn	862	21209	48054	26103	21500	52601	82825		
Guernsey	894	71412	56051	25702	763//	51601	83709	86712	
Wattisham	590	01708	50020	28200	00900	54105			
Gorleston	497	11711	56051	28501	00901	53112	81075		
Mildenhall	578	71501	28057	27901	7093/	53103	87358		
Cardington	559	61311	28052	27301	656//	51105	86635		
West Raynham	485	71706	26227	27751	6567/	51108	86635	87460	
Wittering	462	71706	16227	27200	757//	51001	84704	87656	
Boscombe Down	746	31104	23287	26600	35600	51801	83635		
Ross-on-Wye	627	80803	17102	25700	863//	52805	88706		
Bristol	628	41707	17047	26202	35601	51400	81712	83635	
Aberporth	502	01612	40051	24003	00900	53701			
Rhoose (Cardiff)	715	20909	19284	25501	26300	51603	82706		
Plymouth	827	30909	48050	24505	32500	01601	83825		
Chivenor	707	11414	28051	24503	00901	00801	81075		
St. Mawgan	817	31216	56050	23605	31401	02101	83812		
Culdrose	809	51314	69011	23105	3843/	00001	81818	83623	
Scilly	804	61515	81032	21506	52402	02400	85815	86075	
Elmdon	534	91902	03497	26752	9/0//	52102	89/01		
Shawbury	414	91606	05494	26452	9/0//	52000	89/02		
Manchester	334	51606	23042	25803	55700	52000	85650		
Squires Gate	318	01409	09044	25503	00900	00001			
Valley	302	01508	61040	24205	00900	55802			
Ronaldsway	204	31315	61040	24504	38400	50102	81815		
Carlisle	222	30805	61030	26202	15730	53702	81656	83359	
Watnall	354	71607	08427	26601	762//	51104	87705		
Spurn Head	396	71704	08717	27151	765//	51207	87720		
Finningley	360	81205	07707	27001	862//	00102	88704		
Dishforth	261	81505	07424	27150	862//	51104	88703		
Tynemouth	262	80000	19052	26502	855//	51400	88625		
Eskdalemuir	162	00000	62050	26850	00900	54003			
Mull of Galloway	131	11812	32050	24504	00901	00204	81070		
Prestwick	135	01407	56040	25004	00900	51103			
Renfrew	141	00000	06424	25500	00900	53001			
Leuchars	171	12508	56040	25503	00901	53105	81081		
Dyce	091	12208	62040	24403	00901	56206	81075		
Wick	075	12006	89020	21906	00901	00001	81075		
Cape Wrath	049	62013	76031	20505	25541	51206	82625	84360	86070
Sule Skerry	010	42113	84020	20306	15546	02400	81625		
Lerwick	005	72415	74031	20705	724//	02106	87818		
Stornoway	026	51920	80021	21805	41501	01107	84823		
Benbecula	022	41722	69031	21406	11502	02210	81824	84075	
Tiree	100	11620	62020	22305	11501	01205	81825		
Aldergrove	917	31411	69030	23305	38500	01106	83830		
Malin Head	980	21615	83030	22005	00901	01004	82075		
Belmullet	976	71317	74031	18106	38532	03001	81821	83643	87273
Birr	965	31415	74031	20907	22501	01106	82822	83075	
Collinstown	969	11413	66050	22606	11502	52201	81828		
Rineanna	962	71321	69022	18908	16506	02704	81720	87270	
Roches Point	952	81420	66031	19207	885//	04706	83820	88640	
Valentia	953	71419	78028	15308	68506	03609	84826	86640	87270

OBSERVATIONS at 18h. — 23 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	21206	37051	27300	25600	56303	82635		
London Airport	772	01207	40021	27151	00900	54304			
Gatwick	776	11501	48051	27253	10930	55306	81365		
Thorney Island	871	10905	32054	27051	00901	53303	81075		
Hurn	862	00905	58051	25900	00900	53303			
Guernsey	894	51209	58051	24602	41402	52504	81708	84812	
Wattisham	590	01405	30050	28052	00900	55302			
Gorleston	497	41505	48050	28250	00905	52302	84275		
Mildenhall	578	01701	40011	28051	00900	55306			
Cardington	559	01005	48011	27651	00900	54308			
West Raynham	485	01204	37021	28152	00900	55203			
Wittering	462	51704	37041	27551	556//	53301	82710	84630	
Boscombe Down	746	51204	28052	26952	56400	54303	85710		
Ross-on-Wye	627	01203	48021	25800	00900	52303			
Bristol	628	21107	20041	25900	25600	51500	82635		
Aberporth	502	41411	48050	23202	00901	52302	84075		
Rhoose (Cardiff)	715	61409	37054	24901	35531	52301	83628	84075	
Plymouth	827	71109	37052	23502	3853/	51602	81820	83625	84360
Chivenor	707	21010	48011	24402	00901	52306	82075		
St. Mawgan	817	61217	57011	22302	35401	51602	83614	86065	
Culdrose	809	61217	62052	21503	38578	50505	81824	86268	
Scilly	804	71419	64022	19206	38478	02608	82815	83625	87275
Elmdon	534	81503	20044	26500	856//	51304	81707	86712	88630
Shawbury	414	80903	14042	26351	863//	52203	88708		
Manchester	334	61609	10044	26200	656//	51310	86630		
Squires Gate	318	11614	07044	25951	15600	51309	81645		
Valley	302	11305	61040	24101	00901	53601	81075		
Ronaldsway	204	11410	48040	24302	00901	51501	81075		
Carlisle	222	21403	58020	26401	25600	53305	82645		
Watnall	354	72401	11044	27351	763//	52208	88708		
Spurn Head	396	41705	12057	27001	45500	51400	84620		
Finningley	360	81805	11047	27201	863//	51205	88709		
Dishforth	261	81605	21054	27350	863//	51306	88707		
Tynemouth	262	02306	16051	26600	00900	52306			
Eskdalemuir	162	23501	66030	27555	00901	55305	82068		
Mull of Galloway	131	60910	62012	24503	46408	51402	84610	86270	
Prestwick	135	21005	58040	24951	10941	52304	81362		
Renfrew	141	21403	15040	25701	15601	53306	81635		
Leuchars	171	00000	24040	25550	00900	53304			
Dyce	091	12105	66020	25451	00901	56205	81070		
Wick	075	12406	89020	23102	00901	01214	81080		
Cape Wrath	049	12013	83020	21104	15500	51203	81625		
Sule Skerry	010	32313	82020	21105	25506	03202	82625		
Lerwick	005	72515	66032	21105	754//	03305	82615	87622	
Stornoway	026	12016	80020	23103	12508	00307	81825		
Benbecula	022	31512	74010	22801	11501	00207	81820	83075	
Tiree	100	11518	58040	23004	15405	01306	81617		
Aldergrove	917	21706	62041	23502	14501	52306	81625		
Malin Head	980	21416	74020	22103	00901	00303	82075		
Belmullet	976	81211	74022	18605	12507	50306	81825	88271	
Birr	965	61108	77022	20504	22502	00205	82822	86073	
Collinstown	969	41208	59050	22702	31502	53302	83823	84075	
Rineanna	962	81216	66026	18306	16441	01302	81715	88462	
Roches Point	952	81322	66028	18406	11572	02301	81820	88070	
Valentia	953	81218	66616	13807	864//	04702	85718	88638	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97035	034	$1s_0$	+
London Airport	772	97043	022	$1s_0$	+
Gatwick	776	92026	045	s_0s_0	+
Thorney Island	871	97033	027	$ffps_0$	+
Hurn	862	97041	///	ff	+
Guernsey	894	00031	047	+	+
Wattisham	590	00015	///	+	+
Gorleston	497	00015	051	+	+
Mildenhall	578	00036	031	+	+
Cardington	559	00035	014	+	+
West Raynham	485	97016	034	$1s_0$	+
Wittering	462	92015	005	s_0s_0ff	+
Boscombe Down	746	97016	020	$1s_0ffs_0s_0$	+
Ross-on-Wye	627	00025	000	+	+
Bristol	628	00045	020	ff	+
Aberporth	502	00043	083	+	+
Rhoose (Cardiff)	715	00035	031	ff1F	+
Plymouth	827	00061	071	+	+
Chivenor	707	00061	055	+	+
St. Mawgan	817	00061	064	+	+
Culdrose	809	00060	045	+	+
Scilly	804	00070	032	+	+
Elmdon	534	97005	000	s_0s_0FF	+
Shawbury	414	00505	000	ff	+
Manchester	334	00043	027	+	1f
Squires Gate	318	00063	046	1f	1fff
Valley	302	00063	082	+	+
Ronaldsway	204	00055	090	+	+
Carlisle	222	00055	082	+	+
Watnall	354	97026	000	$FF1s_0$	+
Spurn Head	396	92015	000	FFs_cs_0	+
Finningley	360	92015	000	s_0s_0ff	+
Dishforth	261	00027	000	FFff	+
Tynemouth	262	00035	021	+	+
Eskdalemuir	162	00037	088	+	+
Mull of Galloway	131	00051	///	/	/
Prestwick	135	00053	084	+	+
Renfrew	141	00053	042	ff	1f
Leuchars	171	00053	085	+	+
Dyce	091	00046	090	+	+
Wick	075	00073	094	+	+
Cape Wrath	049	00050	///	+	+
Sule Skerry	010	00060	///	/	/
Lerwick	005	00061	016	+	+
Stornoway	026	00061	073	+	+
Benbecula	022	00065	086	+	+
Tiree	100	00061	081	+	+
Aldergrove	917	00065	059	+	+
Malin Head	980	97071	086	/	/
Belmullet	976	97081	070	/	/
Birr	965	97071	072	/	/
Collinstown	969	97061	082	/	/
Rineanna	962	97091	018	/	/
Roches Point	952	02071	013	/	/
Valentia	953	94091	043	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33012	80820	60506	01005	4742/	00610	/////	/////	00004	14956	1////
B	70565	51012	72526	56868	88457	72400	00103	87815	/////	06959	12149	1////
C	70570	35512	81825	63022	00907	4752/	00825	84720	88458	00004	12048	1////
D	70440	41012	71820	63022	13211	1257/	00719	81820	86360	00609	11976	1////
I	70590	18912	71830	97216	07709	68572	51214	83815	85640	05006	16740	12356
J												
K	70451	15912	83016	58026	03012	864//	00305	88710	/////	05012	10070	12458
M	73662	01612	82811	60712	16351	5742/	00204	85715	88440	06455	12832	13347

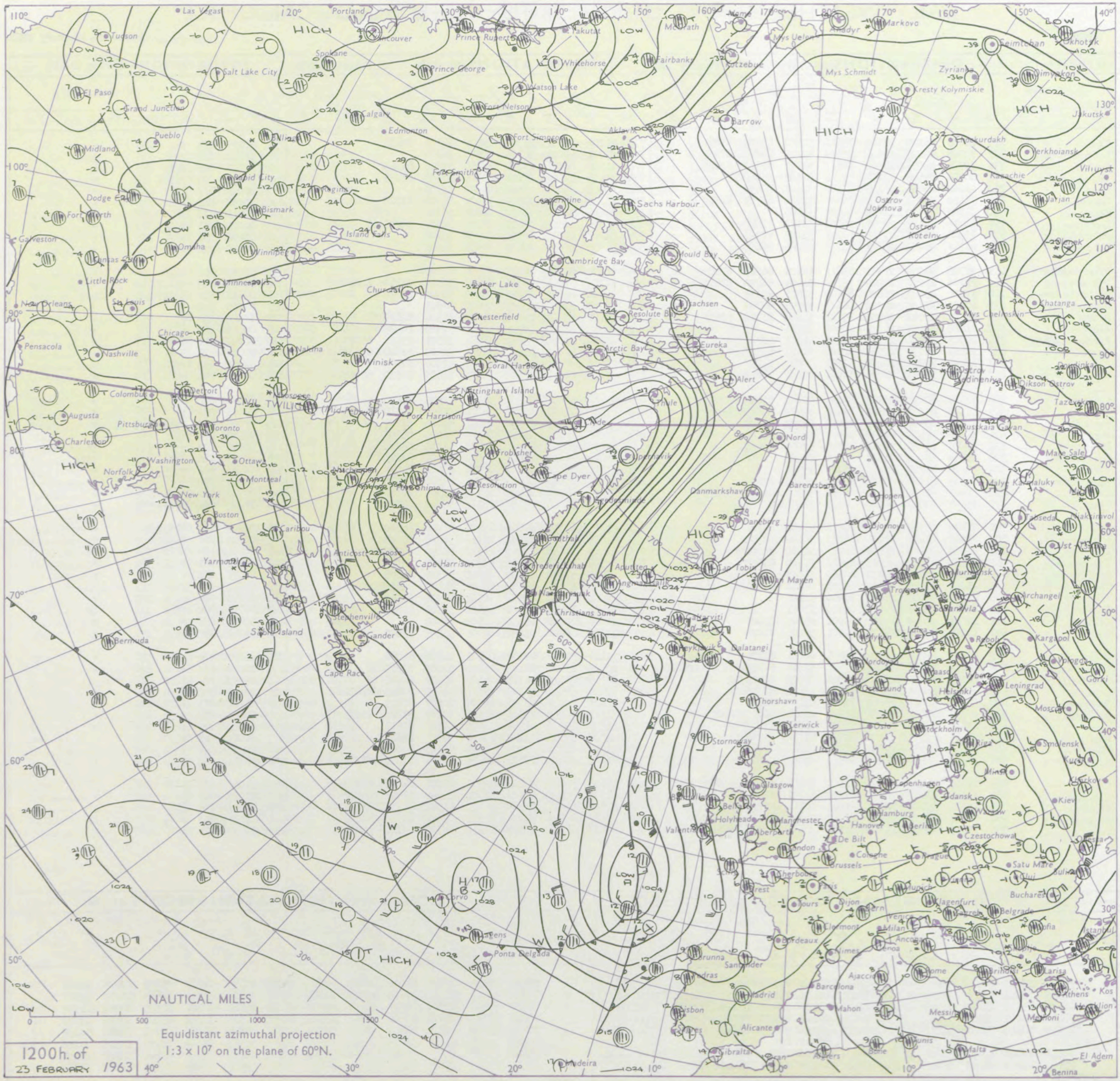
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	70620	33018	81416	61696	96005	6742+	00733	/////	/////	05103	11975	1////
B	70565	51018	72333	18858	90061	72400	00500	87815	/////	07655	12239	1////
C	70570	35518	82324	61616	94407	5742/	00515	85710	8841/	05105	12047	1////
D	70440	41018	73412	63808	14611	3737/	00005	83820	85358	05609	13046	1////
I	70589	19118	71825	97808	08509	7843/	00301	84710	87815	05107	11848	12358
J	70544	14518	81423	98018	12310	5157/	64709	85825	88459	05106	11545	11256
K	70449	24718	332-3	70018	08611	28502	00229	81820	/////	05108	13218	12444
M	73662	01618	53004	65157	16851	5941/	00003	85815	81915	06453	13022	13347

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE


HIGH
LOW
Las Vegas
Portland
Tucson
Vancouver
Prince Rupert
Yakutat
Spokane
Salt Lake City
Prince George
Whitehorse
Fairbanks
El Paso
Grand Junction
Watson Lake
Fort Nelson
Calgary
Edmonton
Fort Simpson
Pueblo
Midland
Rapid City
Fort Smith
Yellowknife
Dodge City
Bismark
Sachs Harbour
Fort Worth
Galveston
Omaha
Winnipeg
Island Falls
Cambridge Bay
Mould Bay
Little Rock
Minneapolis
Baker Lake
Churchill
Resolute Bay
New Orleans
St. Louis
Chesterfield
Eureka
Chicago
Pensacola
Nashville
Nakina
Arctic Bay
Minisk
Coral Harbour
Alert
Colombus
Detroit
Nottingham Island
Thule
Augusta
Pittsburgh
Toronto
Fort Harrison
Charleston
Frobisher
Washington
Ottawa
Norfolk
Montreal
Resolution
Cape Dyer
New York
Boston
Caribou
Yarmouth
Anticosti
Cape Harrison
Stephenville
Gander
Cape Race
Sable Island
Bermuda
Thorshavn
Lerwick
Stornoway
Glasgow
Belfast
Manchester
Holyhead
Valentia
London
Cologne
Brussels
Hamburg
Hanover
De Bilt
Berlin
Prague
Czestochowa
Gdansk
Warsaw
Kiev
Smolensk
Moscow
Leningrad
Archangel
Helsinki
Oslo
Stockholm
Copenhagen
Satu Mare
Bucharest
Belgrade
Sofia
Istanbul
Athens
Kos
Larisa
Messina
Malta
Tunis
Algiers
Bone
Alicante
Madrid
Barcelona
Mahon
Gibraltar
Lisbon
Cadiz
Bordeaux
Nantes
Brest
Cherbourg
Paris
Dijon
Lyons
Nice
Clermont
Milan
Venice
Ancona
Genoa
Munich
Klagenfurt
Belgrade
Ajaccio
Rome
Brindisi
Ponta Delgada
Terceira
Madeira
Santander
Corunna
Sagres
Faro
Tromso
Bodo
Mys Schmidt
Barrow
Kotzebue
Anadyr
Markovo
Mys Uelen
Zyrianka
Kresty Kolymiskie
Seimchan
Okhotsk
Jakutsk
Verkhoiansk
Oymyakon
Vilyuysk
Khatanga
Tiksi
Dikson Ostrov
Ostrov Kotelny
Ostrov Vrangelya
Ostrov Wrangel
Ostrov Johnova
Ostrov Medvezhiy
Ostrov Chaunskaya
Barentsburg
Nordvik
Danmarkshavn
Jan Mayen
Bjornoya
Tazovskiy
Mys Kamenny
Mys Zhelaniya
Malye Karmakuly
Amderma
Vorkuta
Naryan Mar
Kharasavey
Salekhard
Labytnangi
Obdorsk
Tobolsk
Tyumen
Omsk
Novosibirsk
Barnaul
Semipalatinsk
Karaganda
Aktyubinsk
Orenburg
Kuybyshev
Saratov
Volgograd
Gorki
Kazan
Perm
Sverdlovsk
Chelyabinsk
Kurgan
Petropavlovsk
Tselinograd
Pavlodar
Ust Kamenogorsk
Frunze
Tashkent
Alma Ata
Fergana
Dushanbe
Kabul
Kandahar
Quetta
Jacobabad
Karachi
Jodhpur
Ahmadabad
Bombay
Jaipur
Delhi
Amritsar
Lahore
Multan
Jiwani
Bandar Abbas
Kerman
Zahedan
Shiraz
Isfahan
Yazd
Tehran
Mashhad
Tabriz
Kermanshah
Abadan
Basra
Baghdad
Mosul
Aleppo
Damascus
Beirut
Jerusalem
Cairo
Luxor
Aswan
Wadi Halfa
Khartoum
Port Sudan
Asmara
Addis Ababa
Dire Dawa
Mogadiscio
Nairobi
Mombasa
Dar es Salaam
Mahe
Diego Garcia
Gan
Colombo
Trincomalee
Madras
Cochin
Bangalore
Hyderabad
Nagpur
Calcutta
Akyab
Rangoon
Bangkok
Phnom Penh
Saigon
Vientiane
Hanoi
Haikou
Canton
Hong Kong
Amoy
Foochow
Shanghai
Nanking
Hankow
Chungking
Kunming
Lhasa
Sian
Peking
Tientsin
Harbin
Mukden
Changchun
Kirin
Hailar
Chita
Irkutsk
Ulan Bator
Kyakhta
Ust Kut
Bratsk
Yakutsk
Khabarovsk
Komsomolsk
Petropavlovsk
Nikolayevsk
Okha
Sakhalinsk
Vladivostok
Wakkanai
Sapporo
Hakodate
Aomori
Akita
Niigata
Sendai
Nagoya
Tokyo
Osaka
Kagoshima
Naha
Iwo Jima
Midway
Wake
Guam
Truk
Yap
Koror
Manila
Clark Field
Baguio
Legaspi
Iloilo
Cebu
Zamboanga
Davao
Jolo
Tawau
Kuching
Sandakan
Brunei
Labuan
Miri
Singapore
Medan
Penang
Kuala Lumpur
Kota Bharu
Kuantan
Kuala Trengganu
Kuching
Pontianak
Djakarta
Bandjermasin
Surabaya
Bali
Kupang
Port Darwin
Alice Springs
Tennant Creek
Mount Isa
Cloncurry
Townsville
Mackay
Rockhampton
Brisbane
Coolangatta
Lismore
Sydney
Canberra
Wagga
Melbourne
Mildura
Adelaide
Port Lincoln
Ceduna
Eucla
Kalgoorlie
Esperance
Perth
Geraldton
Carnarvon
Learmonth
Port Hedland
Broome
Derby
Wyndham
Darwin
Groote Eylandt
Gove
Weipa
Thursday Island
Horn Island
Port Moresby
Rabaul
Kavieng
Manus
Nauru
Tarawa
Majuro
Kwajalein
Eniwetok
Johnston
Honolulu
Lihue
Hilo
Kodiak
Cold Bay
Dutch Harbor
Nome
Kotzebue
Fairbanks
Whitehorse
Watson Lake
Fort Nelson
Prince George
Prince Rupert
Vancouver
Portland
Spokane
Salt Lake City
Grand Junction
Pueblo
Rapid City
Bismark
Omaha
Winnipeg
Minneapolis
Duluth
Sault Ste. Marie
Thunder Bay
Kenora
Regina
Saskatoon
Edmonton
Calgary
Lethbridge
Medicine Hat
Swift Current
Moose Jaw
Prince Albert
The Pas
Churchill
Baker Lake
Cambridge Bay
Sachs Harbour
Mould Bay
Resolute Bay
Eureka
Alert
Arctic Bay
Coral Harbour
Nottingham Island
Frobisher
Resolution
Cape Dyer
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Island Falls
Fort Smith
Fort Simpson
Yellowknife
Aklavik
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Norman Wells
Fort Good Hope
Fort Norman
Fort Liard
Fort Nelson
Watson Lake
Whitehorse
Dawson
Mayo
Stewart
Prince George
Kamloops
Penticton
Vernon
Kelowna
Trail
Cranbrook
Fort Steele
Lethbridge
Medicine Hat
Swift Current
Moose Jaw
Regina
Yorkton
Brandon
Dauphin
Portage la Prairie
Winnipeg
Kenora
Thunder Bay
Sault Ste. Marie
Sudbury
North Bay
Timmins
Kapuskasing
Moosonee
Fort Albany
Sioux Lookout
Red Lake
Pickle Lake
Big Trout Lake
Fort Severn
Rankin Inlet
Coral Harbour
Nottingham Island
Frobisher
Resolution
Cape Dyer
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8–12
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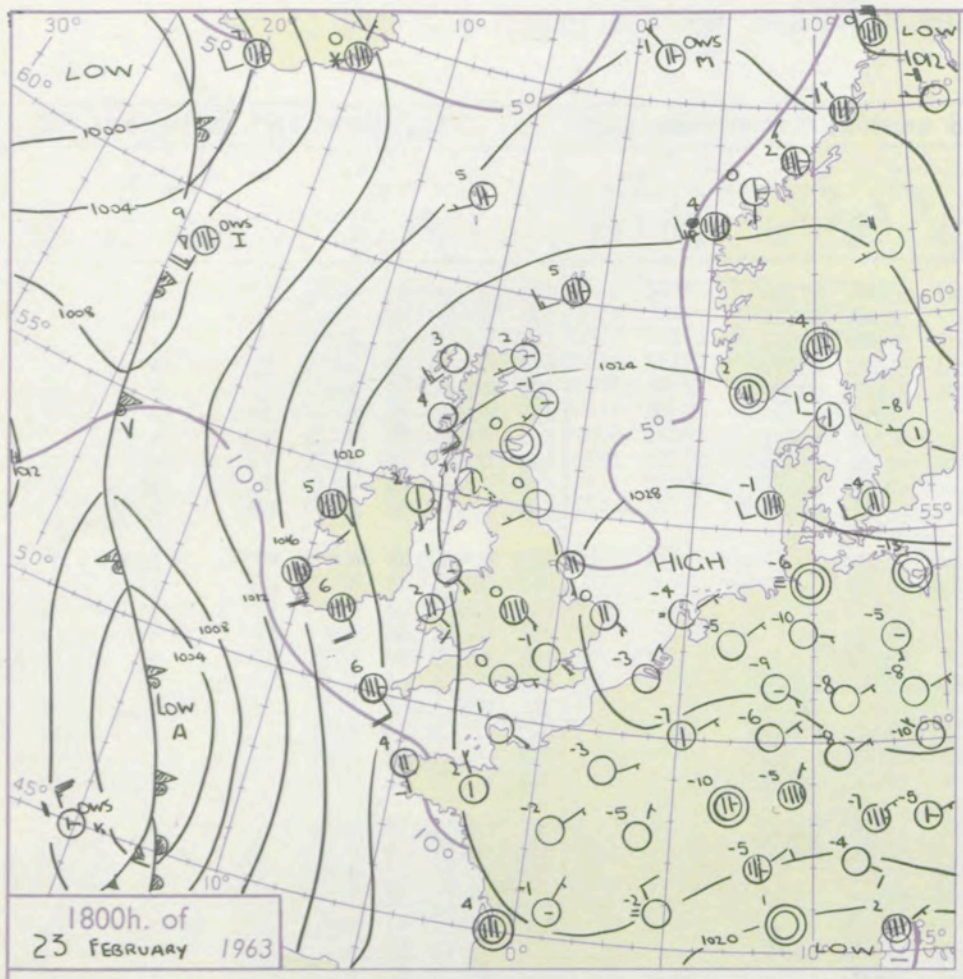

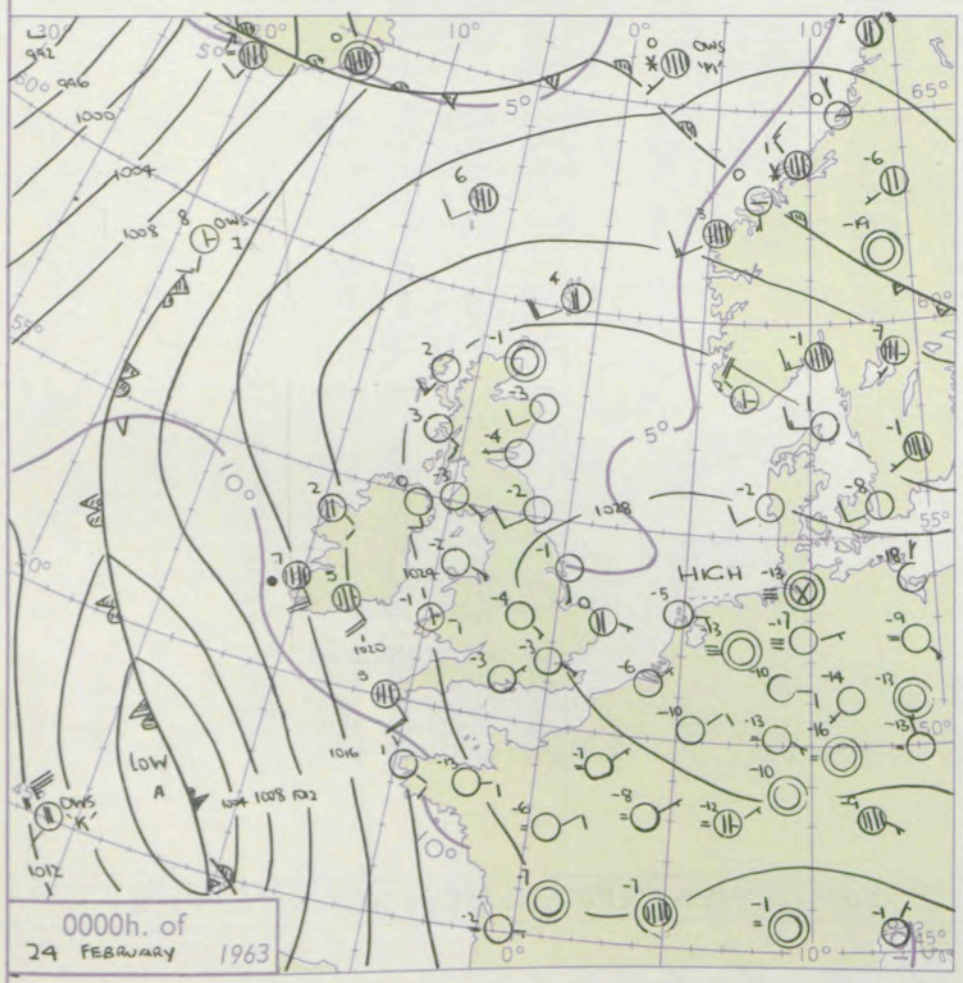

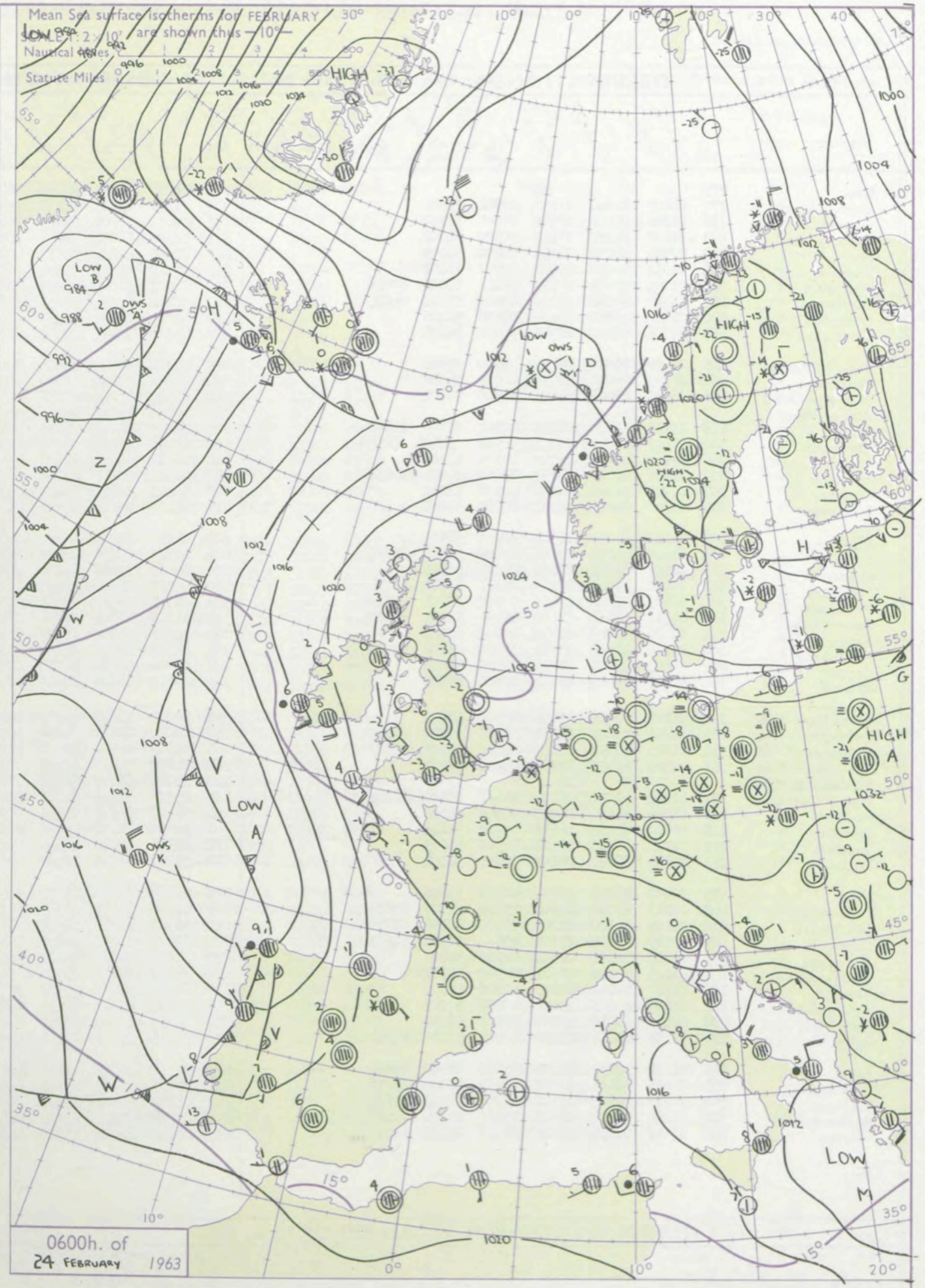

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 24 February 1963

An anticyclone has been maintained over northern Germany and an associated ridge will persist over much of the British Isles. A depression is slow moving to the west of Ireland whilst a trough has been moving east towards Spain and is expected to develop into an extended trough stretching from Biscay across south France into the southwest Mediterranean. A depression which has formed off southeast Greenland will move around the North of Iceland.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will continue dry but very cold in most parts of the British Isles. Temperatures this afternoon will hardly rise above freezing point in many places and frost will occur widely this evening and tonight. The frost will be severe in parts of England, Wales and the southeastern half of Scotland. There may be some rain in coastal areas of northwest Scotland later.

OUTLOOK for the following 24 hours.

Continuing mostly very cold but generally dry except in northwest and possibly north Scotland where there may be some rain.

Code FM 11.A

OBSERVATIONS at 00h. 24 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			52					
London Airport	772	01007	31040	27753	00900	55801			
Gatwick	776	00706	28100	27956	00900	57202			
Thorney Island	871	00807	58050	27453	00900	54302			
Hurn	862	00706	48050	26353	00900	54101			
Guernsey	894	01212	56050	25001	00900	53101			
Wattisham	590	71005	23051	28953	754//	55101	87619		
Gorleston	497	41107	60011	29350	45600	53102	84635		
Mildenhall	578	01404	23050	29155	00900	56206			
Cardington	559	01105	40050	28555	00900	56206			
West Raynham	485	01308	20020	29155	00900	57305			
Wittering	462	01505	28041	28754	00900	56206			
Boscombe Down	746	01207	48021	27455	00900	57001			
Ross-on-Wye									
Bristol	628	11108	32040	26852	00901	05103	81072		
Aberporth	502	21512	56010	24351	00902	54104	82075		
Rhoose (Cardiff)	715	01008	48051	25952	00900	53102			
Plymouth	827	71006	56022	23701	756//	51801	87630		
Chivenor	707	00912	56020	24150	00900	53202			
St. Mawgan	817	01320	58021	22301	00900	52400			
Culdrose	809	01119	64050	21502	00900	52604			
Scilly	804	61420	64022	19205	65500	01400	86625		
Elmdon	534	01203	19284	27654	00900	56305			
Shawbury	414	70000	19041	27253	763//	53204	87707		
Manchester	334	30603	32041	27451	35500	53301	83620		
Squires Gate	318	81211	19044	27100	854//	52205	88618		
Valley	302	01102	56040	25652	00900	55205			
Ronaldsway	204	31316	48040	25701	35400	51106	83612		
Carlisle	222	00805	56021	27754	00900	56003			
Watnall	354	01305	19040	28253	00900	55202			
Spurn Head	396	01804	16050	28651	00900	53202			
Finningley	360	41803	05464	28553	45400	53200	84615		
Dishforth	261	81303	16052	28151	863//	52203	88707		
Tynemouth	262	02309	48050	27852	00900	53203			
Eskdalemuir									
Mull of Galloway	131	81814	32052	25100	864//	00400	88715		
Prestwick	135	01206	50040	25853	00900	54302			
Renfrew	141	00000	06464	26655	00900	56103			
Leuchars	171	02704	40040	26534	00900	56603			
Dyce	091	02408	66020	26653	00900	56104			
Wick	075	00000	86020	24151	00900	53400			
Cape Wrath	049	22013	83020	22503	25600	52400	82630		
Sule Skerry	010	22109	81020	22205	26500	02706	82720		
Lerwick	005	42519	69021	21304	456//	02801	84645		
Stornoway	026	02014	74020	21302	00900	50203			
Benbecula	002	01615	74020	23502	00900	50101			
Tiree	100	01517	59040	24203	00900	01302			
Aldergrove	917	01609	59040	24400	00900	52202			
Malin Head	980	01610	66010	23400	00900	52201			
Belmullet	976	41108	69011	19502	00902	51206	84070		
Birr	965	21111	70003	21402	25600	01202	82636		
Collinstown	969	31415	59101	23602	36400	52304	83718		
Rineanna	962	41218	62012	19104	45500	01003	84622		
Roches Point	952	71220	66012	19205	764//	02206	84817	87634	
Valentia	953	81222	62616	15007	864//	04306	88712		

OBSERVATIONS at 06h. 24 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	71206	62021	27352	764//	55804	87718		
London Airport	772	71207	48041	27253	755//	55501	87621		
Gatwick	776	70000	32101	29257	756//	57602	87630		
Thorney Island	871	30303	58051	26653	00901	54502	83070		
Hurn	862	70605	40031	25553	40906	54400	87270		
Guernsey	894	01112	56050	24051	00900	54706			
Wattisham	590	80901	58022	28053	855//	56301	88621		
Gorleston	497	51204	62031	28451	55500	55503	85624		
Mildenhall	578	20000	09461	28257	25500	57303	82625		
Cardington	559	80000	40051	27855	857//	56500	88656		
West Raynham	485	00901	08444	28758	00900	59305			
Wittering	462	00000	28040	28357	00900	58301			
Boscombe Down	746	01209	37050	27056	00900	58300			
Ross-on-Wye	627	00702	24020	26856	00900	57400			
Bristol	628	01006	40040	26755	00900	57302			
Aberporth	502	21513	56030	24052	00901	54500	82075		
Rhoose (Cardiff)	715	10811	40051	25453	15500	54303	81625		
Plymouth	827	21110	61011	23200	25500	55302	82627		
Chivenor	707	00911	56020	23852	00900	53802			
St. Mawgan	817	21221	59010	21501	25500	53102	82625		
Culdrose	809	21016	62030	20902	25500	53401	82620		
Scilly	804	41323	69030	18804	45500	51500	84620		
Elmdon	534	00000	19040	27556	00900	57501			
Shawbury	414	0 905	28040	27255	00900	57303			
Manchester	334	01306	19040	27453	00900	56303			
Squires Gate	318	11310	22041	26754	15600	55201	81630		
Valley	302	00901	56040	25253	00900	56302			
Ronaldsway	204	01318	50040	25800	00900	52501			
Carlisle	222	00000	56020	27756	00900	57301			
Watnall	354	30000	28040	28156	00902	58500	83075		
Spurn Head	396	00000	32050	28052	00900	54400			
Finningley	360	00000	10104	28656	00900	57400			
Dishforth	261	91103	F6494	28154	9/0//	55204	89///		
Tynemouth	262	02010	48050	27553	00900	55301			
Eskdalemuir	162	20000	56020	29261	00901	62502	82070		
Mull of Galloway	131	61816	58032	25001	664//	51401	86715		
Prestwick	135	01307	56040	25851	00900	53302			
Renfrew	141	90000	05474	26954	9/0//	55303	89/01		
Leuchars	171	02506	40040	26256	00900	58400			
Dyce	091	02404	66020	26255	00900	57603			
Wick	075	02104	74020	23952	00900	54301			
Cape Wrath	049	32009	83011	22302	36500	52703	83730		
Sule Skerry	010	22309	82010	22905	26500	02204	12720		
Lerwick	005	82620	69031	21804	45507	01304	84620	88270	
Stornoway	026	01910	74020	21402	00900	50301			
Benbecula	022	71608	69030	23302	756//	51701	87635		
Tiree	100	61518	59041	23903	655//	00400	81712	86629	
Aldergrove	917	71505	56021	24450	756//	53502	87635		
Malin Head	980	01805	56100	23251	00900	51301			
Belmullet	976	31316	69021	19102	00902	00601	83070		
Birr	039	51312	70021	21501	55664	51500	85626		
Collinstown	969	81409	62022	23601	865//	54303	88720		
Rineanna	962	01112	61101	19302	00900	51202			
Roches Point	952	81318	66022	19405	864//	00303	86619	88637	
Valentia	953	81224	62616	15706	8646/	02305	88710		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_gE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00535	58 +		+
London Airport	772	00543	56 +		+
Gatwick	776	00586	61 +		+
Thorney Island	871	00553	58 +		+
Hurn	862	00553	55 +		+
Guernsey	894	00523	54 +		+
Wattisham	590	00535	57 +		+
Gorleston	497	00525	56 +		+
Mildenhall	578	00586	59 +		ff
Cardington	559	97575	56 +		+
West Raynham	485	00596	63 +		fFFF
Wittering	462	00575	57 +		ff
Boscombe Down	746	00576	58 +		+
Ross-on-Wye	627	00575	60 +		+
Bristol	628	97555	58 +		+
Aberporth	502	00533	56 +		+
Rhoose (Cardiff)	715	00545	55 +		+
Plymouth	827	00513	53 +		+
Chivenor	707	00523	55 +		+
St. Mawgan	817	00003	51 +		+
Culdrose	809	00011	51 +		+
Scilly	804	00031	// +		+
Elmdon	534	00585	62 ff		+
Shawbury	414	97575	60 ff		ff
Manchester	334	00553	57 +		+
Squires Gate	318	00553	57 +		+
Valley	302	00553	57 +		+
Ronaldsway	204	00505	52 +		+
Carlisle	222	00575	59 +		+
Watnall	354	00576	61 +		ff
Spurn Head	396	00535	// +		+
Finningley	360	00565	59 ff		ff
Dishforth	261	00557	55 FF		FF
Tynemouth	262	00545	56 +		ff
Eskdalemuir	162	00617	62 +		+
Mull of Galloway	131	00003	// /		/
Prestwick	135	00543	58 +		+
Renfrew	141	00573	60 ff		ff
Leuchars	171	00573	59 +		+
Dyce	091	00576	59 +		+
Wick	075	00543	59 +		+
Cape Wrath	049	00010	53 +		+
Sule Skerry	010	00030	02 /		/
Lerwick	005	00041	02 +		+
Stornoway	026	00011	52 +		+
Benbecula	022	00513	55 +		+
Tiree	100	00021	50 +		+
Aldergrove	917	00535	57 +		+
Malin Head	980	97513	56 +		/
Belmullet	976	97011	50 /		/
Birr	965	97011	52 /		/
Collinstown	969	97013	52 /		/
Rineanna	962	00021	00 /		/
Roches Point	952	00041	03 /		/
Valentia	953	03051	04 /		/

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 — 1 — 2 — 3 — 4 — 5 — 6 — 7 — 8 — 9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33000	82530	56615	87706	3742/	00749	/////	/////	00105	11677	1////
B	10565	51000	52319	63265	91761	52400	00802	85815	/////	07666	12349	1////
C	10570	35400	62720	65026	97203	62500	00214	86620	/////	05803	12947	1////
D	10440	41000	32720	65021	19310	31500	00211	83830	/////	00604	12966	1////
I	10589	19200	31715	97258	08608	38400	00805	82815	/////	05207	11744	12357
J												
K	10450	16000	43234	60258	11211	42500	71808	84823	/////	05206	18140	12454
M	13661	01800	82207	60712	15500	6742/	00614	86710	/////	06151	12221	13344

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	10620	33006	82016	66026	87702	7742/	00400	/////	/////	06051	12056	1////
B	10565	51006	72325	59858	90510	72400	00712	/////	/////	07765	12347	1////
C	10570	35506	22715	65261	97000	22500	00400	82820	/////	06255	12846	1////
D	10440	41006	22714	65011	18807	21500	00605	82830	/////	05451	12845	1////
I	10590	19106	62014	97808	07008	684//	00611	83818	85640	05206	12023	12347
J	10537	17406	81017	97216	09109	854//	53722	83710	88620	05108	11043	11857
K	10451	16306	83230	60038	13011	885//	81215	84822	88633	05206	18143	1////
M	13661	01806	80612	40717	09901	8742/	00733	86710	/////	06000	11022	13333

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36985

Date of Issue Monday 25 February 1963

Code FM 11.A — OBSERVATIONS at 12h. — 24 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$
Kew	775	31110	32011	27801	31400	56801	83818		
London Airport	772	31108	58011	27901	35500	53802	83625		
Gatwick	776	30810	58012	27750	35600	55701	83630		
Thorney Island	871	70710	56051	27651	755//	54001	87626		
Hurn	862	70708	48032	26651	755//	54001	86620	87640	
Guernsey	894	10914	40051	25100	16400	56101	81712		
Wattisham	590	40808	63012	29200	45500	55303	84628		
Gorleston	497	51007	64012	29651	55500	56203	85625		
Mildenhall	578	41106	64014	29150	45600	56803	84635		
Cardington	559	50908	64021	28800	55600	54001	54001	85640	
West Raynham	485	41108	62034	29450	45600	55400	84630		
Wittering	462	61308	48054	29552	685//	57401	84825	84630	
Boscombe Down	746	71013	56021	27952	755//	55002	87628		
Ross-on-Wye	627	81007	48021	28152	864//	57305	88710		
Bristol	628	70913	56051	27952	785//	55302	82820	86623	
Aberporth	502	21614	61020	25500	00901	54109	82075		
Rhoose (Cardiff)	715	40914	40050	27151	41500	53002	84820		
Plymouth	827	81116	40041	24802	856//	53104	88630		
Chivenor	707	61319	58031	25401	68500	54205	83825	85640	
St. Mawgan	817	41224	57031	23301	45500	51204	84622		
Culdrose	809	71018	58052	22902	784//	53209	81710	87625	
Scilly	804	61318	57031	21705	38401	51212	83815	86075	
Elmdon	534	71209	48041	28152	755//	56703	87625		
Shawbury	414	61110	26044	28051	61500	56801	86822		
Manchester	334	41411	48030	28451	45400	57202	84615		
Squires Gate	318	01417	24040	28001	00900	53202			
Valley	302	01305	58020	26003	00900	54203			
Ronaldsway	204	11713	58041	26203	11500	54102	81820		
Carlisle	222	01606	32050	28501	00900	54101			
Watnall	354	71307	23044	29052	756//	55101	85710	87630	
Spurn Head	396	50000	16051	29500	55500	53400	85620		
Finningley	360	01305	23044	29800	00900	53002			
Dishforth	261	91904	02434	29654	9/0//	55001	89/02		
Tynemouth	262	02008	10284	28651	00900	53103			
Eskdalemuir	162	00000	40050	29254	00900	57003			
Mull of Galloway	131	81812	57022	26101	864//	52203	88710		
Prestwick	135	11606	37040	26602	15500	53002	81622		
Renfrew	141	01106	07424	27301	00900	53801			
Leuchars	171	02305	18040	26851	00900	53801			
Dyce	091	02303	40040	26401	00900	57802			
Wick	075	31302	83011	23903	00901	50704	83080		
Cape Wrath	049	62009	58052	23502	36440	54400	83720	84360	
Sule Skerry	010	32309	58011	23105	26506	01202	82720		
Lerwick	005	12413	58051	23206	11401	03107	81815		
Stornoway	026	51914	48041	24204	32508	50802	83825	85270	
Benbecula	022	81715	32042	23403	854//	50601	84616	88625	
Tiree	100	81420	40042	24403	855//	00101	85625	88635	
Aldergrove	917	61810	56042	25002	625//	53500	86825		
Malin Head	980	71518	59051	23303	00906	55701	87270		
Belmullet	976	71423	64051	18904	15638	00804	81630	87270	
Birr	965	71413	70021	21904	00902	51802	87072		
Collinstown	969	31615	56051	24303	15602	54202	81630	83075	
Rineanna	962	71324	61102	20506	25736	51103	82650	86369	87268
Roches Point	952	71419	58052	21605	715/1	01109	87822		
Valentia	953	71315	69806	17707	6853/	03210	83821	86638	87359

OBSERVATIONS at 18h. — 24 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$
Kew	775	00805	28050	27400	00900	55303			
London Airport	772	01106	26040	27351	00900	54302			
Gatwick	776	00507	48050	27051	00900	53501			
Thorney Island	871	10504	48051	26550	00901	53301	81071		
Hurn	862	10705	40031	25950	10940	52201	81360		
Guernsey	894	00910	50050	24501	00900	57306			
Wattisham	590	10806	40030	28452	00901	54303	81075		
Gorleston	497	01108	56021	29251	00900	54302			
Mildenhall	578	01002	56020	28551	00900	55303			
Cardington	559	00704	59021	28252	00900	53302			
West Raynham	485	10707	59030	28853	00901	56303	81075		
Wittering	462	00905	40041	28552	00900	55302			
Boscombe Down	746	00701	48050	26951	00900	56500			
Ross-on-Wye	627	10602	48021	27653	16400	56304	81710		
Bristol	628	00406	28051	27552	00900	55303			
Aberporth	502	11510	48050	25752	00902	56305	81075		
Rhoose (Cardiff)	715	60808	40051	26952	654//	55500	82618	85625	
Plymouth	827	10808	24041	24801	15600	52305	81630		
Chivenor	707	60809	40051	25500	65400	54103	83615	85635	
St. Mawgan	817	11118	48020	23900	15600	51202	81630		
Culdrose	809	51110	58052	23201	585//	53101	82820	84630	
Scilly	804	31315	57021	22403	31401	53207	83815		
Elmdon	534	00000	32041	27853	00900	55301			
Shawbury	414	51506	32042	27652	55600	55302	83630	84650	
Manchester	334	11606	37040	27953	00901	54301	81075		
Squires Gate	318	01414	24040	26952	00900	55502			
Valley	302	01908	58020	25301	00900	53506			
Ronaldsway	204	21316	32040	25700	26401	53501	82712		
Carlisle	222	11305	23050	27450	10940	54501	81365		
Watnall	354	11404	32041	28653	18400	56301	81818		
Spurn Head	396	01502	48011	28551	00900	55702			
Finningley	360	11505	56021	28752	15600	54501	81630		
Dishforth	261	11505	28054	28353	00901	55502	81072		
Tynemouth	262	02009	19050	28051	00900	53304			
Eskdalemuir	162	00000	58050	28158	00900	59500			
Mull of Galloway	131	72012	60022	23501	724//	52718	87815		
Prestwick	135	11403	32040	25352	00901	54501	81080		
Renfrew	141	21708	26044	25851	00901	53501	82075		
Leuchars	171	02107	17040	26152	00900	53301			
Dyce	091	12005	40050	25952	00901	56501	81070		
Wick	075	22305	62050	22901	00901	53503	82075		
Cape Wrath	049	72002	58051	22302	663//	52707	86708	84830	
Sule Skerry	010	62305	58031	21404	46505	00719	84720	84270	
Lerwick	005	32305	59050	22602	21401	01302	82815		
Stornoway	026	81915	48041	22502	2562/	52803	82640	88459	
Benbecula	022	51719	28042	21402	55400	53606	82615	85630	
Tiree	100	71523	48042	22003	755//	53710	83625	87650	
Aldergrove	917	42009	56041	24000	11501	51301	81825	83075	
Malin Head	980	71810	58052	21102	00902	53604	87070		
Belmullet	976	81624	62606	17404	6567/	00604	86630	88458	
Birr	965	71411	70032	21902	45602	53202	84635	87072	
Collinstown	969	31516	58050	24001	11502	55303	81825	83074	
Rineanna	962	81420	59160	20304	5567/	51000	85645	88458	
Roches Point	952	81213	59052	22004	855//	00207	88625		
Valentia	953	81320	61618	18106	7642/	03305	87717	88459	

OBSERVATIONS during DAY

Station	iii	RRT+T+E	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00015	056	+	+
London Airport	772	00023	048	+	+
Gatwick	776	00025	072	+	+
Thorney Island	871	00033	046	+	+
Hurn	862	00013	///	+	+
Guernsey	894	00023	074	+	+
Wattisham	590	00015	///	+	+
Gorleston	497	00015	050	+	+
Mildenhall	578	00026	064	+	+
Cardington	559	00025	067	+	+
West Raynham	485	00006	071	+	+
Wittering	462	00005	034	+	+
Boscombe Down	746	00506	063	+	+
Ross-on-Wye	627	00515	013	+	+
Bristol	628	00005	053	+	+
Aberporth	502	00013	087	+	+
Rhoose (Cardiff)	715	00515	029	+	+
Plymouth	827	00033	020	+	+
Chivenor	707	00033	053	+	+
St. Mawgan	817	00031	075	+	+
Culdrose	809	00031	063	+	+
Scilly	804	00050	079	+	+
Elmdon	534	00515	019	+	+
Shawbury	414	00515	025	ff	+
Manchester	334	00503	084	+	+
Squires Gate	318	00023	076	+	+
Valley	302	00033	090	+	+
Ronaldsway	204	00035	063	+	+
Carlisle	222	00035	082	+	+
Watnall	354	00006	011	if	+
Spurn Head	396	00015	066	+	+
Finningley	360	00005	043	ff	+
Dishforth	261	00507	032	fFF	+
Tynemouth	262	00015	044	ff	+
Eskdalemuir	162	00517	057	+	+
Mull of Galloway	131	00031	///	/	/
Prestwick	135	00033	066	+	+
Renfrew	141	00033	041	ff	+
Leuchars	171	00023	027	+	+
Dyce	091	00026	085	+	+
Wick	075	00053	080	+	+
Cape Wrath	049	00040	///	+	+
Sule Skerry	010	00050	///	/	/
Lerwick	005	00063	068	+	+
Stornoway	026	00050	030	+	+
Benbecula	022	00041	001	+	+
Tiree	100	00041	000	+	+
Aldergrove	917	00035	026	+	+
Malin Head	980	9704/	061	/	/
Belmullet	976	9706/	027	/	/
Birr	965	0005/	063	/	/
Collinstown	969	0004/	052	/	/
Rineanna	962	9707/	014	/	/
Roches Point	952	0005/	000	/	/
Valentia	953	9207/	001	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{app}	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	10620	33012	72424	74872	88101	795//	00304	/////	/////	06052	12267	1////
B	10565	51012	82723	37858	91661	824//	00102	88815	/////	07764	12447	1////
C	10570	35512	62713	65858	97851	42401	00305	84815	/////	06454	12746	1////
D	10440	41012	82924	65808	20605	874//	00314	88710	/////	05501	13034	1////
I	10591	19312	71727	97258	01809	69563	00711	83915	83640	05106	11736	12149
J	10534	18412	53416	97208	06809	5723/	53506	82704	83822	05308	13431	11345
K	10451	16812	73218	70011	16811	756//	71113	87636	/////	05207	13348	13047
M	13661	01912	63412	75028	12403	55401	00309	85615	/////	05752	13521	13644

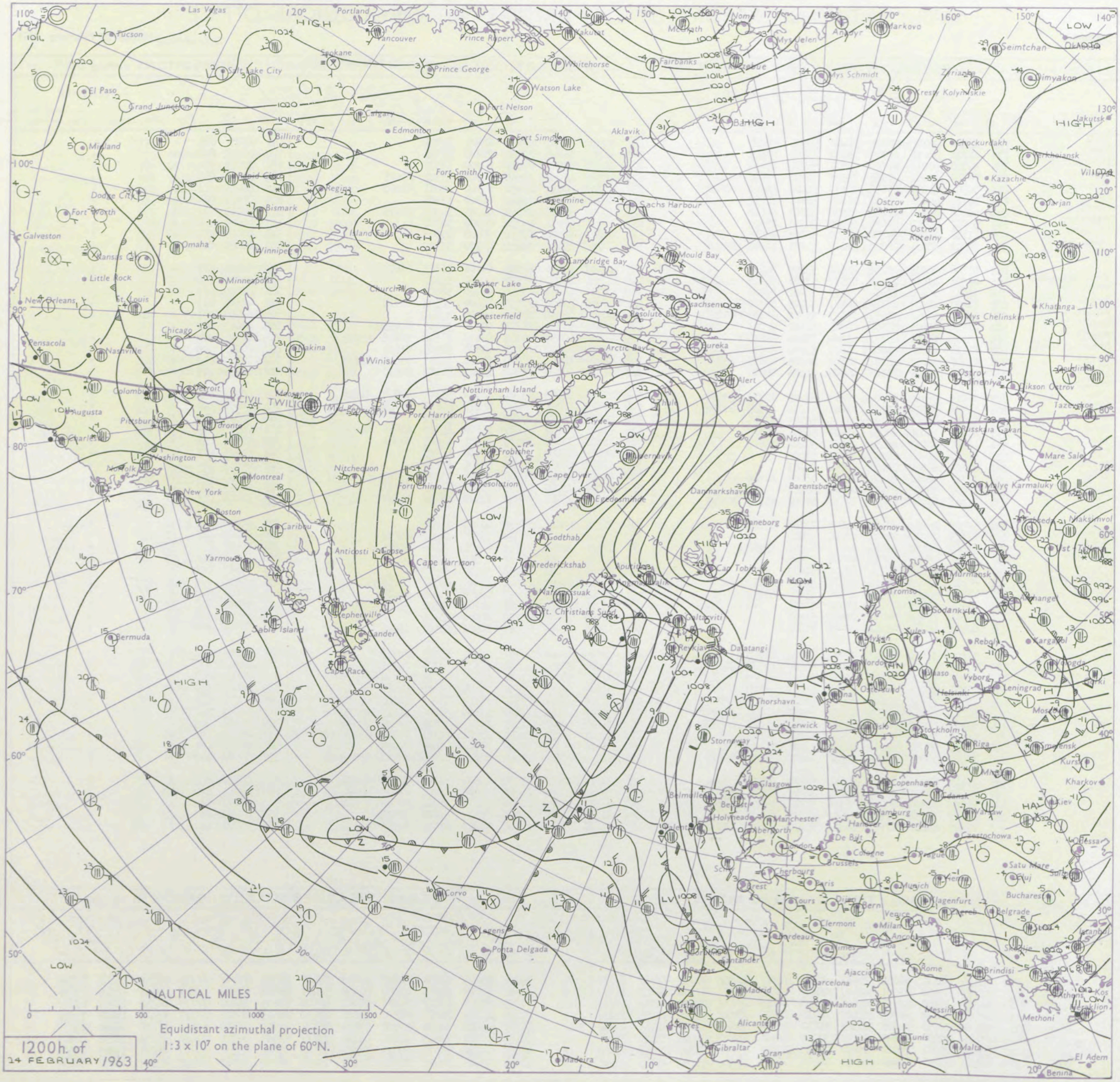
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_{app}	$8N_sC_Sh_Sh_S$	$8N_sC_Sh_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_Hw$	$Id_wd_wP_Hw$
A	10620	33018	62428	74878	89750	69400	00310	/////	/////	06254	12467	1////
B	10565	51018	72315	18858	90459	724//	00815	87815	/////	07161	12345	1////
C	10570	35518	42317	64878	97001	49500	00605	84820	/////	06352	12757	1////
D	10440	41018	73218	63278	19206	67550	00305	86825	/////	05401	13145	1////
I	10590	19018	81635	97258	99409	7652/	31727	87620	88458	05108	16640	14079
J	10530	19318	72523	97205	06109	756//	53503	86710	87640	05208	12433	12645
K	10449	16618	13014	70021	16512	12600	21503	81836	/////	05008	13045	13345
M	13660	02018	72915	75022	14502	75300	00312	87608	/////	05953	13022	13644

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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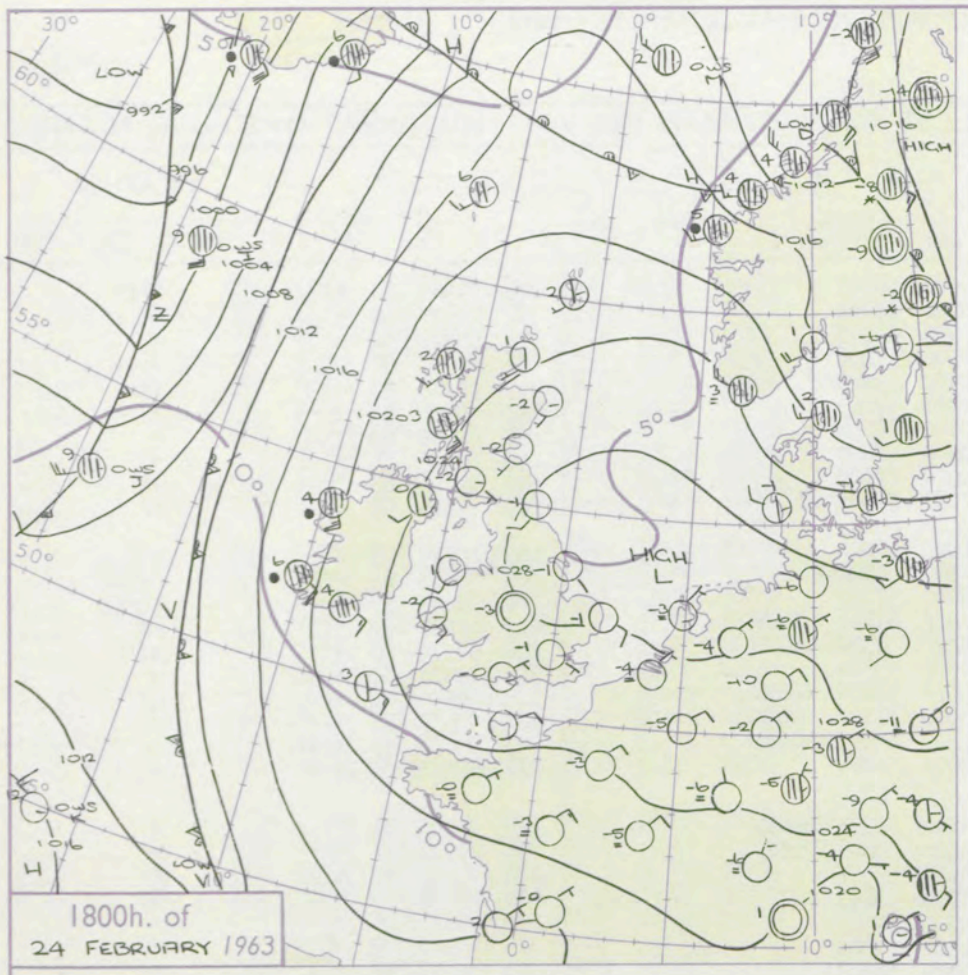

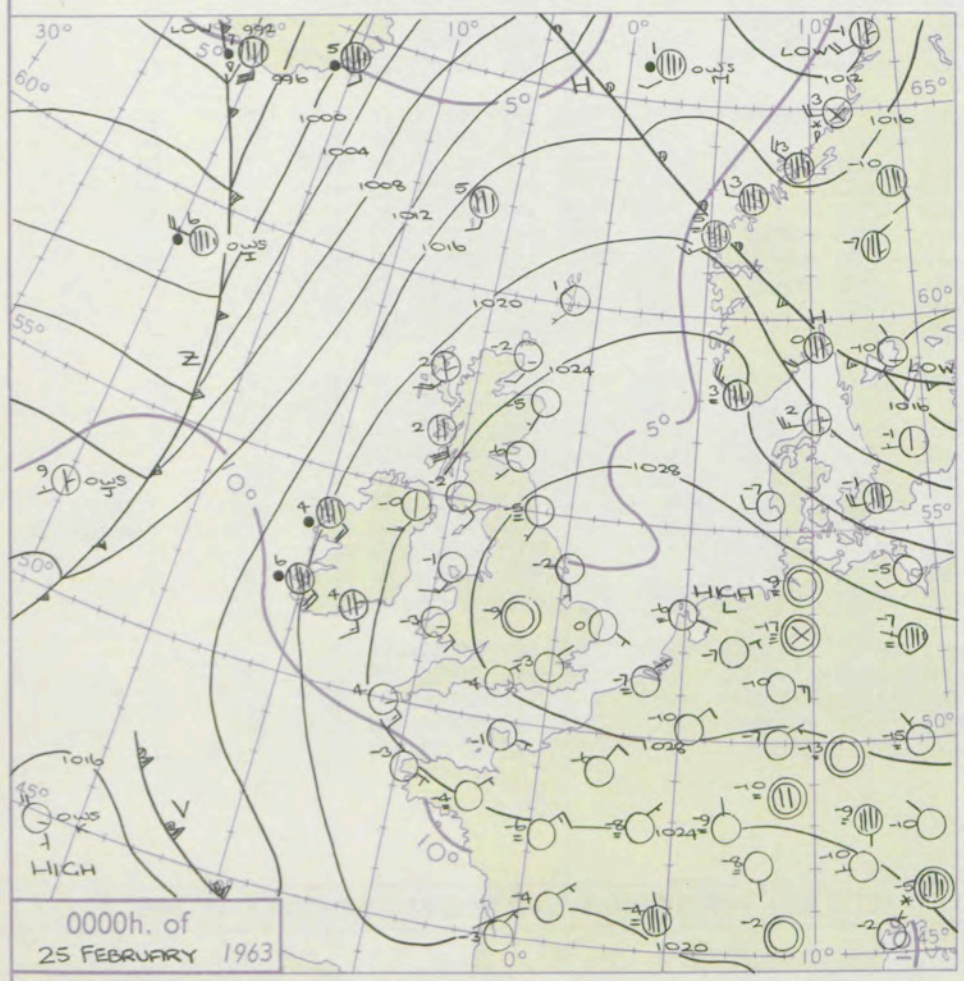

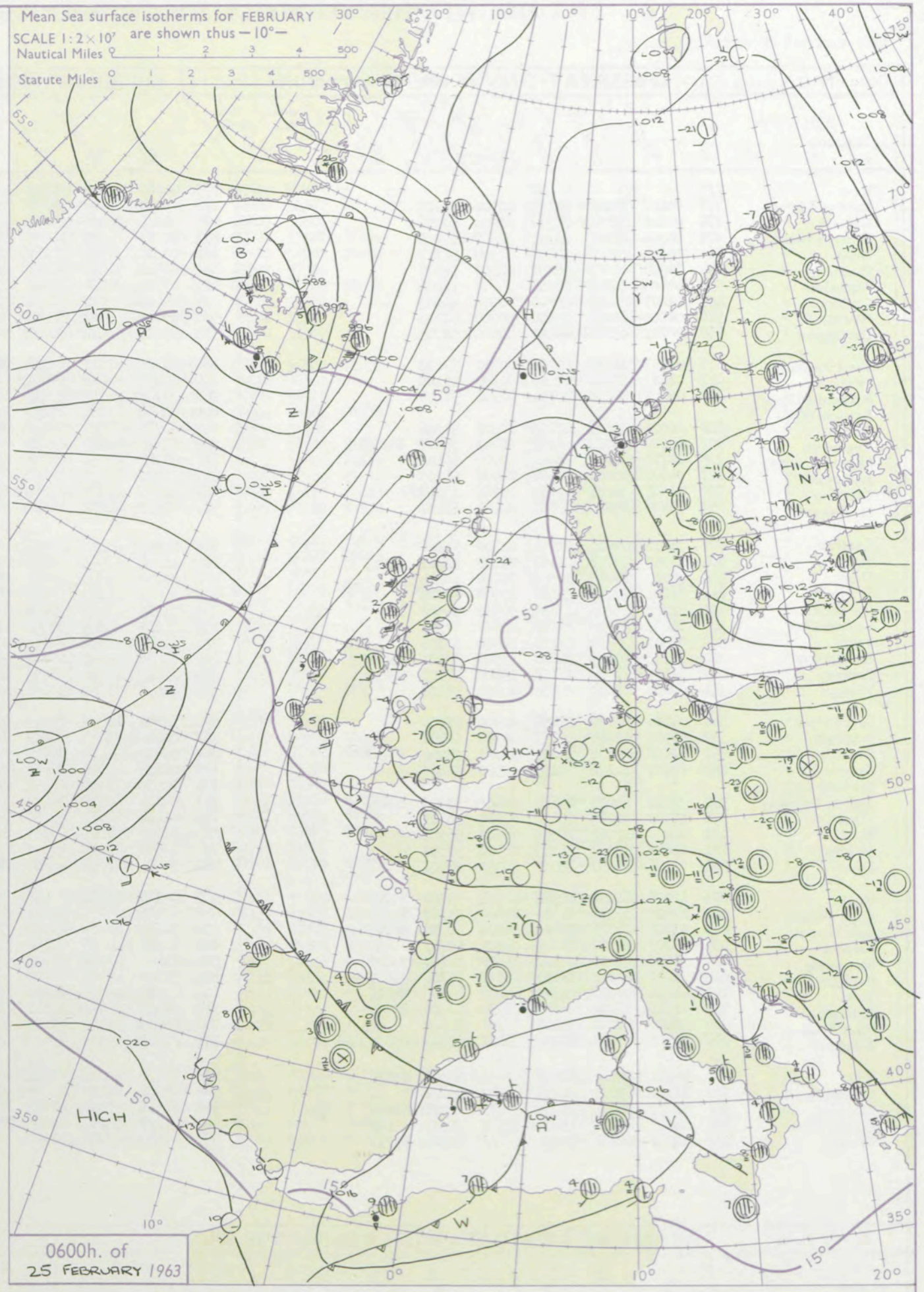

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Monday 25 February 1963

An anticyclone persists near Holland with a ridge of high pressure over the British Isles. A depression has been moving around the north of Iceland and will move east across the Norwegian Sea. A depression moving northeast to north of the Azores is expected to move to west of Ireland with trough and possibly a secondary low moving towards Biscay. A ridge of high pressure will be maintained in central areas of the north Atlantic ahead of a vigourous depression moving northeast off the eastern seaboard of Canada.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Continuing dry but very cold in most parts of the British Isles. Temperatures remaining near freezing this afternoon with widespread frost again tonight, severe in many parts of England, Wales and Scotland. Rain or sleet in places in coastal area of west and northwest Scotland.

OUTLOOK for following 24 hours.

Uncertain in the southwest; otherwise little change.

Code FM 11.A

OBSERVATIONS at 00h. 25 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$
Kew	775			52					
London Airport	772	00402	18040	28853	00900	54205			
Gatwick	776	00101	32050	28557	00900	60206			
Thorney Island	871	00304	40100	28354	00900	55206			
Hurn	862	00606	59020	27854	00900	56110			
Guernsey	894	00908	48050	26250	00900	54304			
Wattisham	590	00603	32020	29555	00900	56206			
Gorleston	497	01207	62020	29800	00900	53203			
Mildenhall	578	00000	09460	29556	00900	57103			
Cardington	559	00702	19100	29456	00900	57203			
West Raynham	485	01207	14100	29756	00900	57203			
Wittering	462	01403	23040	29755	00900	56105			
Boscombe Down	746	00707	40050	28756	00900	58206			
Ross-on-Wye									
Bristol	628	00605	19040	28855	00900	57306			
Aberporth	502	11509	40050	26953	00901	59103	81075		
Rhoose (Cardiff)	715	00710	28051	28054	00900	55303			
Plymouth	827	01006	28040	26400	00900	51209			
Chivenor	707	01209	48051	26852	00900	55307			
St. Mawgan	817	00908	40050	25851	00900	53107			
Culdrose	809	01112	62020	25001	00900	51208			
Scilly	804	11313	56020	24104	11400	52211	81815		
Elmdon	534	00000	17040	29359	00900	60204			
Shawbury	414	01102	20041	29159	00900	59204			
Manchester	334	01203	23040	28455	00900	56502			
Squires Gate	318	01411	37040	27955	00900	57301			
Valley	302	01915	59020	27151	00900	53306			
Ronaldsway	204	52113	50040	26201	55500	53201	85620		
Carlisle	222	31405	11050	28154	35600	57103	83635		
Watnall	354	00000	14040	29756	00900	58203			
Spurn Head	396	01806	48020	29452	00900	57400			
Finningley	360	00000	11040	29655	00900	56101			
Dishforth	261	91602	F9474	29257	9/0//	58204	89///		
Tynemouth	262	02007	24100	28155	00900	56400			
Eskdalemuir									
Mull of Galloway	131	32012	60021	25600	35600	51705	83630		
Prestwick	135	01508	40040	25552	00900	54501			
Renfrew	131	00000	17040	26354	00900	56301			
Leuchars	171	02405	22040	26356	00900	57301			
Dyce	091	02106	40050	25955	00900	57002			
Wick	075	12008	61050	22352	00901	53707	81075		
Cape Wrath	049	22002	56054	21300	25500	54710	82625		
Sule Skerry	010	41705	74021	20804	46500	00712	84725		
Lerwick	005	02207	59050	22201	00900	50711			
Stornoway	026	31925	61031	20702	35500	52610	83628		
Benbecula	022	21620	40042	19302	25500	51708	82625		
Tiree	100	41631	58011	21302	45400	52705	84618		
Aldergrove	917	21916	56041	24650	25500	53400	82622		
Malin Head	980	01825	66011	20700	00900	54502			
Belmullet	976	81522	61606	17404	3562/	01604	83630	88458	
Birr	965	51411	74011	22401	556//	54000	85636		
Collinstown	969	01712	61050	24851	00900	54002			
Rineanna	962	51420	58051	21103	1563/	51201	81630	85359	
Roches Point	952	51617	62011	23204	55500	51501	85625		
Valentia	953	81521	66606	19906	864//	01003	88717		

OBSERVATIONS at 06h. 25 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$
Kew	775	00000	F7444	29355	00900	56303			
London Airport	772	03502	15040	29256	00900	57302			
Gatwick	776	00000	28100	29661	00900	63205			
Thorney Island	871	00403	24100	28956	00900	57206			
Hurn	862	00304	37051	28157	00900	59500			
Guernsey	894	01011	48050	26851	00900	57203			
Wattisham	590	00706	32020	30155	00900	56304			
Gorleston	497	01406	62020	30150	00900	53400			
Mildenhall	578	00000	F9464	30361	00900	62305			
Cardington	559	90000	F3474	30057	9/0//	58305	89///		
West Raynham	485	01308	37110	30356	00900	57202			
Wittering	462	00000	F8484	29859	00900	60501			
Boscombe Down	746	00708	06444	29557	00900	57102			
Ross-on-Wye	627	92902	F5454	29460	9/0//	61400	89///		
Bristol	628	80706	17041	29456	864//	57302	88710		
Aberporth	502	01915	40050	27054	00900	55304			
Rhoose (Cardiff)	715	60909	25051	28354	655//	55802	86620		
Plymouth	827	20705	48030	26952	25600	54501	82630		
Chivenor	707	11109	40050	27254	15500	55303	81625		
St. Mawgan	817	01218	48050	26252	00900	54206			
Culdrose	809	40914	66031	25901	48500	53303	82824		
Scilly	804	21314	57030	25103	25500	52304	82620		
Elmdon	534	00000	13040	29657	00900	59202			
Shawbury	414	00000	26040	29057	00900	58602			
Manchester	334	01405	48040	29055	00900	57300			
Squires Gate	318	01413	30040	28355	00900	57305			
Valley	302	01504	61020	27654	00900	58307			
Ronaldsway	204	71815	56041	26901	754//	53303	87619		
Carlisle	222	21503	19050	28555	25600	57500	82640		
Watnall	354	00000	11040	30058	00900	59500			
Spurn Head	396	31804	12050	29853	35500	55701	83620		
Finningley	360	00000	08444	30059	00900	60602			
Dishforth	261	91402	F4494	29761	9/0//	62500	89///		
Tynemouth	262	02606	48050	27857	00900	61400			
Eskdalemuir	162	00000	59100	29457	00900	58305			
Mull of Galloway	131	32018	60022	26501	864//	52316	88715		
Prestwick	135	81810	50042	26150	855//	53305	88625		
Renfrew	141	81605	58041	26551	855//	53302	88625		
Leuchars	171	02605	20040	26055	00900	56503			
Dyce	091	00000	37050	24455	00900	58713			
Wick	075	02119	62051	20050	00900	53610			
Cape Wrath	049	52005	66054	18501	565//	58714	85720		
Sule Skerry	010	31609	66010	18103	36500	00717	83720		
Lerwick	005	12007	56050	20450	00901	51710	81070		
Stornoway	026	71834	61022	18103	755//	00611	87628		
Benbecula	022	71728	48606	18103	755//	01502	83621	87635	
Tiree	100	81632	48701	21202	854//	00302	84617	88627	
Aldergrove	917	61813	59021	24551	00901	52500	86075		
Malin Head	980	01932	66020	20402	00900	53206			
Belmullet	976	81716	59506	19003	862//	03217	93705	88712	
Birr	965	81508	74022	23002	856//	52303	88636		
Collinstown	969	01704	59050	25400	00900	54306			
Rineanna	962	81415	58052	21804	8097/	51302	88458		
Roches Point	952	81719	62022	23205	855//	00501	88624		
Valentia	953	81514	66026	20606	864//	01101	88717		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97563	60	ff	FFff
London Airport	772	00573	58	+	+
Gatwick	776	00625	64	+	+
Thorney Island	871	00573	60	+	+
Hurn	862	00583	63	+	ff
Guernsey	894	00523	54	+	+
Wattisham	590	00565	63	+	+
Gorleston	497	00515	54	+	+
Mildenhall	578	00626	63	if	FF
Cardington	559	97595	63	+	FF
West Raynham	485	00576	63	+	+
Wittering	462	00605	64	if	ffFF
Boscombe Down	746	00586	59	+	ffFF
Ross-on-Wye	627	00615	62	ff	FF
Bristol	628	97575	59	+	ifff
Aberporth	502	00553	57	+	+
Rhoose (Cardiff)	715	00555	57	+	if
Plymouth	827	00533	58	+	+
Chivenor	707	00553	59	+	+
St. Mawgan	817	00533	54	+	+
Culdrose	809	00003	51	+	+
Scilly	804	00030	//	+	+
Elmdon	534	00625	65	+	FF
Shawbury	414	97605	65	+	if
Manchester	334	00573	61	+	+
Squires Gate	318	00563	58	+	+
Valley	302	00553	57	+	+
Ronaldsway	204	00505	53	+	+
Carlisle	222	00565	59	+	+
Watnall	354	00586	63	+	ff
Spurn Head	396	00545	//	+	+
Finningley	360	00605	60	ff	FF
Dishforth	261	00617	60	fffF	FF
Tynemouth	262	00575	59	+	+
Eskdalemuir	162	00627	65	+	+
Mull of Galloway	131	00001	//	/	/
Prestwick	135	97543	58	+	id_0
Renfrew	141	00553	59	+	+
Leuchars	171	00583	60	+	+
Dyce	091	00566	60	+	+
Wick	075	00523	57	+	+
Cape Wrath	049	00533	56	if	+
Sule Skerry	010	00020	00	/	/
Lerwick	005	00513	55	+	+
Stornoway	026	97010	50	+	ir_0
Benbecula	022	02021	51	+	$ir_0r_0r_0$
Tiree	100	95011	50	+	$r_0s_0is_0r_0r_0$
Aldergrove	917	00525	54	+	+
Malin Head	980	00003	51	/	/
Belmullet	976	02031	02	/	/
Birr	965	00011	51	/	/
Collinstown	969	00523	58	/	/
Rineanna	962	00031	02	/	/
Roches Point	952	00041	02	/	/
Valentia	953	91051	04	/	/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33000	42012	80022	91501	48600	00104	/////	/////	05052	12145	1////
B	20565	51000	52733	59858	93156	52400	00227	85815	/////	06660	12737	1////
C	20570	35500	32313	65858	97100	33500	00803	83920	/////	06456	12657	1////
D	20440	41000	42920	69858	22205	42500	00002	84820	/////	05751	12967	1////
I	20589	19000	82725	97616	98606	6542/	51320	86618	88558	05703	12749	149/9
J	20525	20100	32404	98031	11209	35500	42212	83625	/////	05203	12721	12344
K	20449	16300	11606	70020	16811	15600	00809	81633	/////	05206	10010	13043
M	23660	01900	82110	65612	14601	6742/	00602	86810	/////	05600	12121	13642

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_Ch_Sh_S$	$8N_Ch_Sh_S$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	33006	52414	76158	92001	49560	00400	/////	/////	06154	12344	1////
B	20565	51006	82528	63268	93856	8241/	00708	88815	/////	06760	12637	1////
C	20570	35506	32525	61858	98000	39500	00306	83920	/////	06357	12559	1////
D	20440	41006	82729	63858	24005	8241/	00605	88030	/////	05700	12957	1////
I	20590	19106	12327	98278	04105	19400	61233	81915	/////	05854	17541	199/2
J	20525	20106	70907	98031	08008	755//	00728	87625	/////	05203	11031	149/4
K	20450	16306	21620	70030	12811	15602	00623	81633	82073	05209	11622	13043
M	23660	01906	82712	60616	13806	6742/	00304	86810	/////	05104	12721	13642

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 −1 −2 −3 −4 −5 −6 −7 −8 −9 −10 −11 −12 −13 −14 −15 −16 −17 −18 −19 −20 −21 −22 −23 −24 −25 −26 −27 −28 −29

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36986

Date of Issue Tuesday 26 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 25 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	21008	24054	31202	00901	58400	82080		
London Airport	772	00000	11040	31002	00900	54004			
Gatwick	776	00506	40050	30901	00900	54005			
Thorney Island	871	00703	56050	30703	00900	57005			
Hurn	862	00605	29040	29902	00900	54002			
Guernsey	894	01114	60020	29003	00900	57007			
Wattisham	590	11107	58020	31502	00901	55006	81072		
Gorleston	497	11305	62020	32301	00901	53209	81075		
Mildenhall	578	00010	19054	31952	00900	55104			
Cardington	559	90000	01434	31855	9/0//	56007	89/01		
West Raynham	485	11407	58020	31801	00901	53006	81070		
Wittering	462	91402	F7494	32255	9/0//	55008	89/01		
Boscombe Down	746	01003	29054	30951	00900	55112			
Ross-on-Wye	627	70904	04424	30954	762//	55801	87705		
Bristol	628	10707	16284	30652	00901	54107	81075		
Aberporth	502	11617	32050	27950	00902	54000	81075		
Rhoose (Cardiff)	715	20812	09044	30052	16301	54203	81706		
Plymouth	827	01320	40051	28504	00900	54102			
Chivenor	707	31214	28051	28702	25401	54502	82615		
St. Mawgan	817	31224	57051	26603	15501	53803	81620	83075	
Culdrose	809	31118	59051	26804	10932	54401	81360		
Scilly	804	51314	57031	25804	51400	52105	85815		
Elmdon	534	51303	04424	31153	57200	54003	85703		
Shawbury	414	11709	20044	30852	16300	50103	81707		
Manchester	334	01510	58020	30401	00900	60400			
Squires Gate	318	11515	24040	30002	00901	55005	81075		
Valley	302	31407	61011	28404	00902	55001	83075		
Ronaldsway	204	21712	59042	27903	15501	54804	81623		
Carlisle	222	21408	23010	30002	00901	53103	82080		
Watnall	354	31803	19044	31101	35600	53005	83630		
Spurn Head	396	21804	24050	31901	00901	52210	82075		
Finningley	360	01503	12284	31650	00900	53002			
Dishforth	261	91505	01494	30957	9/0//	58801	89/01		
Tynemouth	262	02507	16050	29600	00900	52000			
Eskdalemuir	162	01803	32051	29651	00900	54106			
Mull of Galloway	131	82022	60022	27603	864//	51400	88715		
Prestwick	135	71812	50042	26903	00906	53801	87280		
Renfrew	141	72112	40042	27203	25701	52803	82656	87072	
Leuchars	171	72216	32041	27101	00904	52106	87075		
Dyce	091	61809	48050	25202	00901	54305	86070		
Wick	075	62010	48052	21404	25602	53209	82635	86070	
Cape Wrath	049	62018	58052	19303	665//	00215	86720		
Sule Skerry	010	82330	58038	19305	865//	02211	88720		
Lerwick	005	22012	56040	20804	11432	00002	81816		
Stornoway	026	81927	48046	20704	854//	02307	84706	88610	
Benbecula	022	81724	48206	20204	854//	03104	85705	86710	88614
Tiree	100	81727	58047	22404	5572/	01003	81712	85650	88458
Aldergrove	917	51714	58052	25704	00901	01105	85075		
Malin Head	980	71718	61058	22604	7567/	51306	87638		
Belmullet	976	71612	62106	19805	5553/	03803	81720	85640	87358
Birr	965	71515	74022	24107	756//	00503	87639		
Collinstown	969	31516	56051	26204	00901	53604	83075	53927	
Rineanna	962	71522	66022	22607	55732	00801	85650	86358	87070
Roches Point	952	71717	58052	24906	715/1	00306	87820		
Valentia	953	51210	66052	20908	52600	00604	85830		

OBSERVATIONS at 18h. 25 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$8N_sC_hh_s$
Kew	775	01108	37040	30601	00900	56305			
London Airport	772	00710	37040	30701	00900	56306			
Gatwick	776	00607	56050	30350	00900	56305			
Thorney Island	871	00902	48050	29700	00900	51301			
Hurn	862	01006	48040	28801	00900	54601			
Guernsey	894	00915	60020	27702	00900	56501			
Wattisham	590	10904	56020	31651	00901	55203	81075		
Gorleston	497	31305	62020	32150	25501	53703	82625		
Mildenhall	578	11105	48110	31400	00902	54302	81070		
Cardington	559	00406	07464	31152	00900	53500			
West Raynham	485	01105	48020	31852	00900	54203			
Wittering	462	90901	F2494	31754	9/0//	55102	89/00		
Boscombe Down	746	01104	61020	30051	00900	57603			
Ross-on-Wye	627	01005	17100	29551	00900	53305			
Bristol	628	00505	23050	29551	00900	55501			
Aberporth	502	01411	48050	26901	00900	55706			
Rhoose (Cardiff)	715	00907	25040	28250	00900	54704			
Plymouth	827	01208	56050	27302	00900	54704			
Chivenor	707	11308	37050	27402	00901	53602	81075		
St. Mawgan	817	11214	62030	25901	00901	54807	81070		
Culdrose	809	11116	64050	25802	15600	56708	81640		
Scilly	804	11321	61021	23504	00901	54715	81075		
Elmdon	534	01205	26044	30051	00900	56502			
Shawbury	414	01704	28040	29752	00900	56601			
Manchester	334	01303	20040	29600	00900	56301			
Squires Gate	318	11612	22040	28551	00901	57703	81072		
Valley	302	11613	59020	26702	00901	58714	81075		
Ronaldsway	204	11511	62020	26601	10931	56711	81365		
Carlisle	222	11304	14050	28500	00901	55508	81075		
Watnall	354	01204	14040	30951	00900	56302			
Spurn Head	396	01509	24050	31500	00900	53302			
Finningley	360	01409	21040	30851	00900	53602			
Dishforth	261	01508	16284	30353	00900	53304			
Tynemouth	262	02010	10100	28700	00900	50502			
Eskdalemuir	162	10000	56050	29355	00901	59503	81070		
Mull of Galloway	131	61812	66031	26802	35608	53401	83630	86270	
Prestwick	135	31207	50041	26451	00902	53802	83075		
Renfrew	141	31906	19041	27151	00901	53303	83070		
Leuchars	171	42406	24041	26752	00901	54307	84075		
Dyce	091	62301	37052	25400	10932	54305	81362	86070	
Wick	075	72102	50052	22903	35632	00210	83640	83360	87070
Cape Wrath	049	62018	58052	21104	655//	01208	86620		
Sule Skerry	010	82118	32618	21905	863//	04211	88706		
Lerwick	005	82515	56051	22704	854//	03218	83615	88635	
Stornoway	026	71921	58042	22505	754//	01214	81709	87618	
Benbecula	022	71617	56042	21504	755//	01207	81620	87630	
Tiree	100	61526	57042	22504	25631	01500	81718	86075	
Aldergrove	917	71714	56052	24301	15702	52806	81650	87075	
Malin Head	980	51620	58052	21103	00905	52710	85070		
Belmullet	976	71517	67051	17305	15636	00502	81635	87270	
Birr	965	41410	69012	20002	456//	53505	84639		
Collinstown	969	61615	48051	24601	25602	54509	82635	86075	
Rineanna	962	51418	61012	19904	17502	15606	81725	85070	
Roches Point	952	71521	58051	21005	42505	51717	84820	87270	
Valentia	953	81327	62051	16605	00907	52614	88270		

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	97033	075 +	+	+
London Airport	772	00043	067 +	+	+
Gatwick	776	00045	095 +	+	+
Thorney Island	871	00053	085 +	+	+
Hurn	862	00051	/// +	+	+
Guernsey	894	00041	099 +	+	+
Wattisham	590	00035	/// +	+	+
Gorleston	497	00025	093 +	+	+
Mildenhall	578	00026	070 +	ff	ff
Cardington	559	97515	010 FF	ff	ff
West Raynham	485	00026	093 +	+	+
Wittering	462	00525	010 FF	FFff	FFff
Boscombe Down	746	00026	088 ff	+	+
Ross-on-Wye	627	00015	045 ff	+	+
Bristol	628	00035	047 ff	+	+
Aberporth	502	00033	086 +	+	+
Rhoose (Cardiff)	715	00025	049 +	+	+
Plymouth	827	00051	091 +	+	+
Chivenor	707	00053	078 +	+	+
St. Mawgan	817	00043	073 +	+	+
Culdrose	809	00051	086 +	+	+
Scilly	804	00060	087 +	+	+
Elmdon	534	00015	057 FFff	+	+
Shawbury	414	00015	083 ff	+	+
Manchester	334	00033	088 +	+	+
Squires Gate	318	00043	092 +	+	+
Valley	302	00051	093 +	+	+
Ronaldsway	204	00045	069 +	+	+
Carlisle	222	00045	086 +	+	+
Watnall	354	00035	071 ff	ff	ff
Spurn Head	396	00035	080 +	+	+
Finningley	360	00025	087 FFff	+	+
Dishforth	261	00527	025 FFff	ff	ff
Tynemouth	262	00023	086 +	+	+
Eskdalemuir	162	00027	055 +	+	+
Mull of Galloway	131	00041	/// +	/	/
Prestwick	135	00053	065 +	+	+
Renfrew	141	00043	041 +	+	+
Leuchars	171	00033	052 +	+	+
Dyce	091	00045	081 +	+	+
Wick	075	00053	034 +	+	+
Cape Wrath	049	00041	/// +	/	/
Sule Skerry	010	01052	/// /	/	/
Lerwick	005	00051	052 +	+	+
Stornoway	026	00050	000 +	+	+
Benbecula	022	97061	000 id_o	+	+
Tiree	100	91051	017 $r_os_od_or_o$	+	+
Aldergrove	917	00055	074 +	+	+
Malin Head	980	9707/	042 /	/	/
Belmullet	976	9707/	036 /	/	/
Birr	965	0007/	059 /	/	/
Collinstown	969	0004/	074 /	/	/
Rineanna	962	0008/	061 /	/	/
Roches Point	952	0007/	032 /	/	/
Valentia	953	0008/	056 /	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20621	33012	62024	60858	92001	69500	00606	/////	/////	05952	12036	1////
B	20565	51012	82530	05868	93955	824//	00105	88815	/////	06557	12637	1////
C	20570	35512	52520	63858	00651	52500	00305	85820	/////	06361	12559	1////
D	20440	41012	82720	68158	25607	826//	00000	88830	/////	05202	12957	1////
I	20590	19012	81620	96808	06606	3252/	61207	83820	88460	05652	12023	199/1
J	20525	20112	81321	96636	01210	6742/	00740	86712	88520	05109	11331	12733
K	20451	16212	81528	60611	08012	872//	00728	88704	/////	05112	11636	1////
M	23660	01712	72123	65032	13606	68470	00604	83815	86620	05102	12133	13642

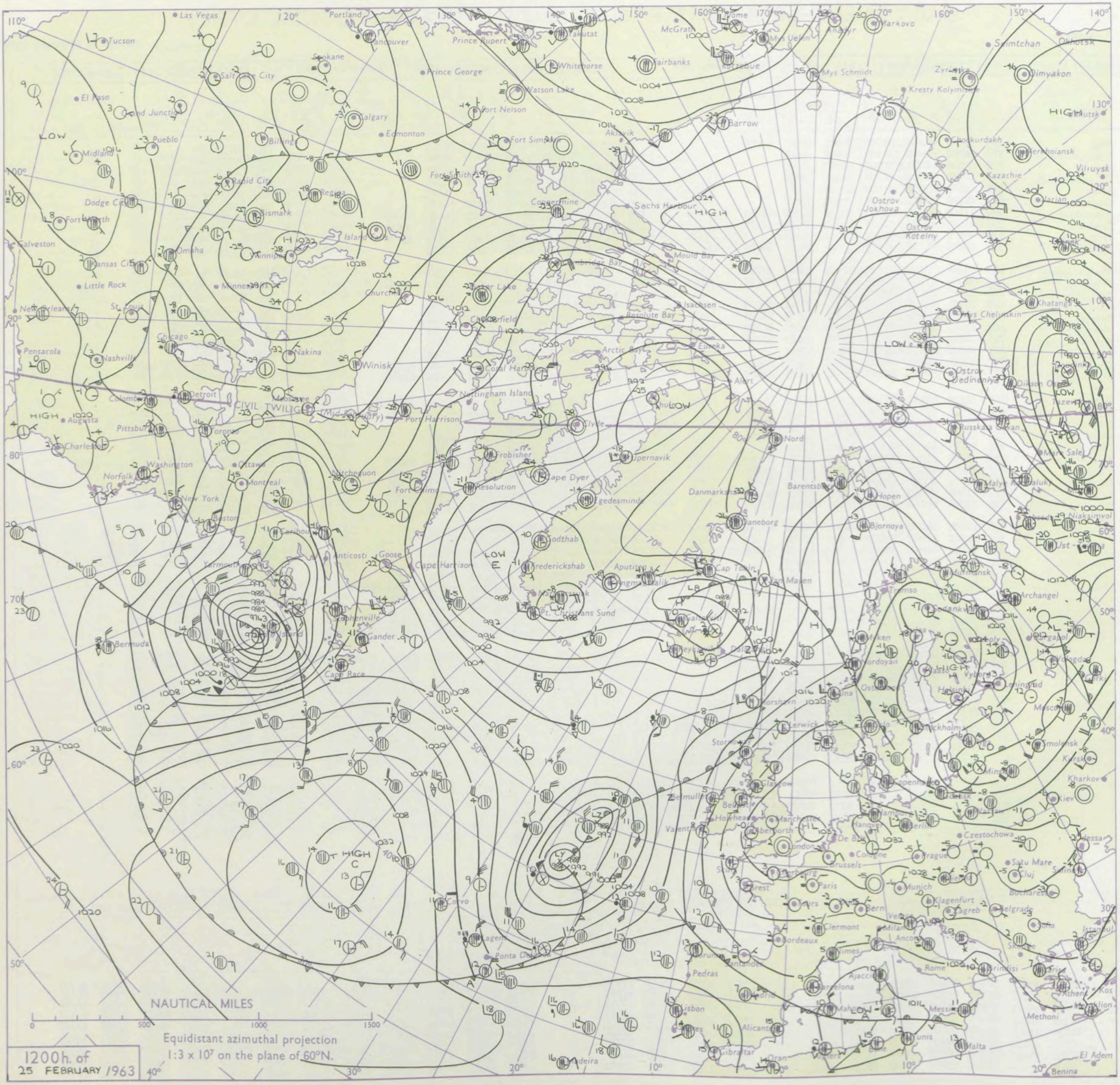
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_s$	$8N_sC_hh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	20620	32918	62010	70858	92351	59503	00507	/////	/////	06256	12148	1////
B	20565	51018	72732	63028	95754	724//	00208	87815	/////	06258	12749	1////
C	20570	35518	62522	59858	99251	59501	00508	85920	/////	06460	12559	1////
D	20440	41018	82503	69028	21508	21577	00730	82825	883//	00002	12966	1////
I	20591	18918	82111	96616	03304	4742/	00715	84712	88527	05902	12133	149/9
J	20525	20018	81542	96026	86910	855//	00637	85715	88625	00009	11659	16160
K	20452	16218	82428	56616	02612	3742/	00508	83710	88550	00010	12435	12037
M	23660	01918	82030	60612	09505	7732/	00622	87807	/////	05104	12044	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



CHARTS OF WEATHER IN WEST EUROPE

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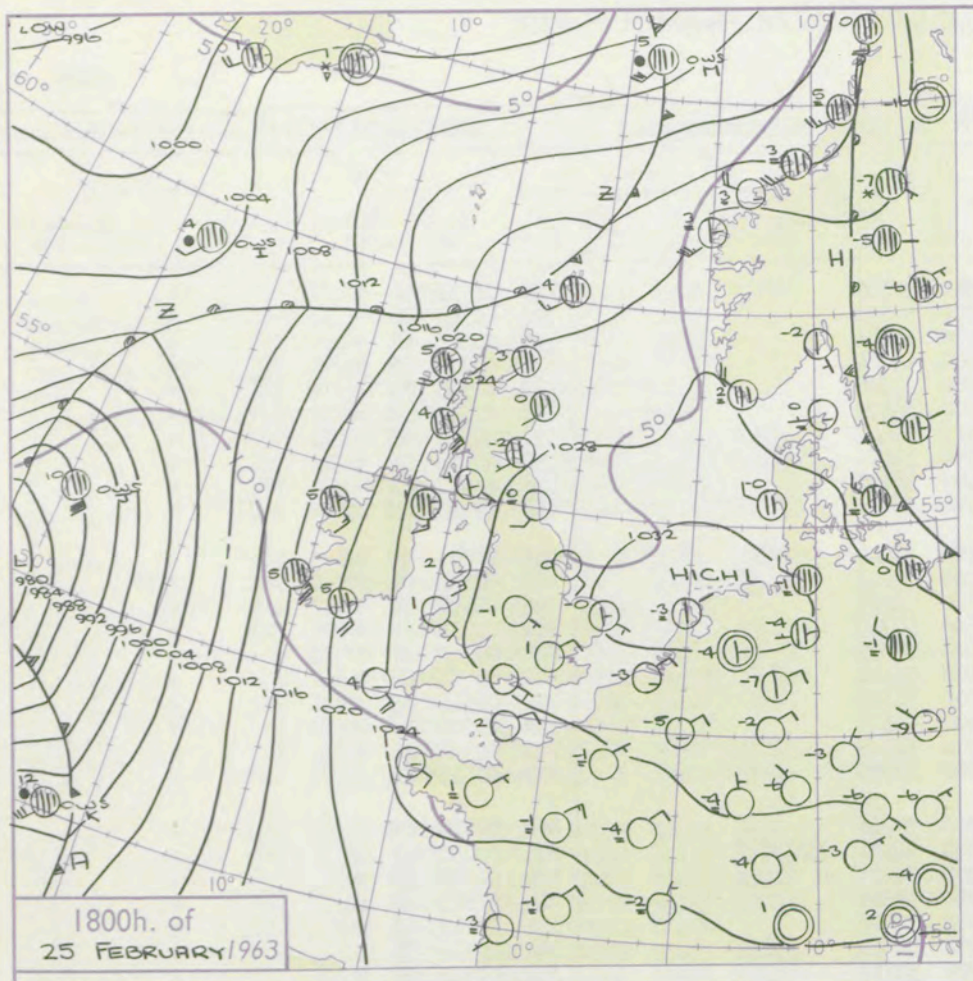

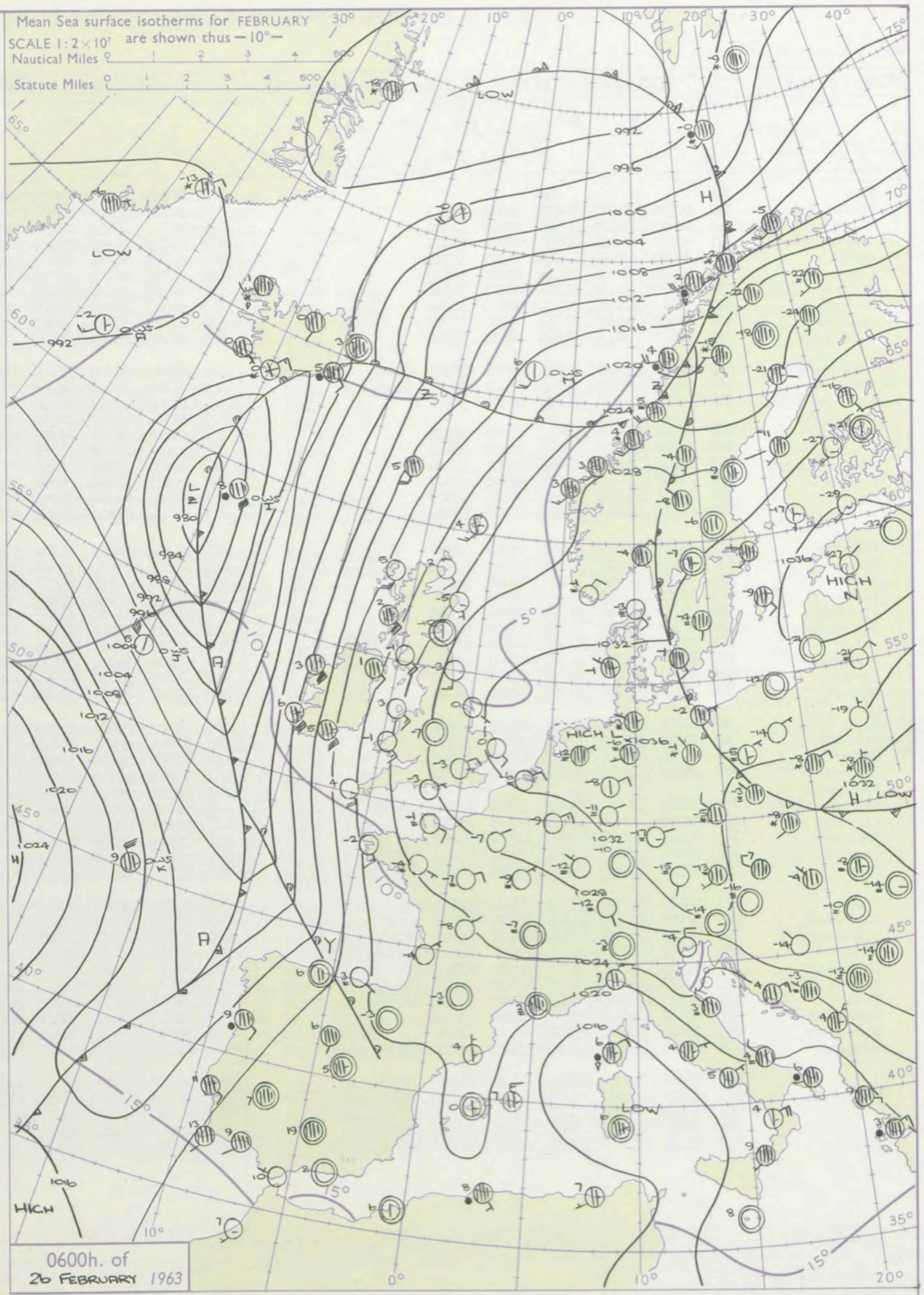

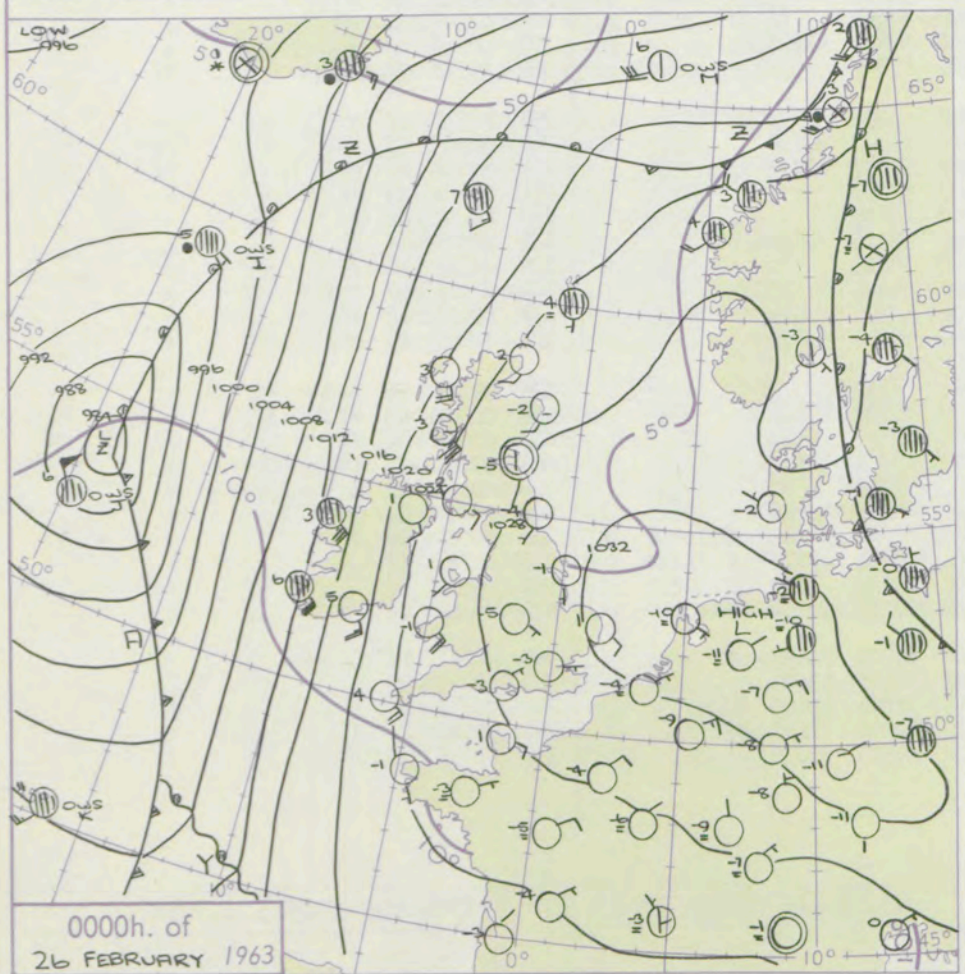

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Tuesday 26 February** 1963

A deep depression to the west of the British Isles has been moving northnortheast and will probably continue on a northerly track toward the southeast of Greenland. A cell of high pressure has been slow moving near the low countries, while an anticyclone near the Baltic will continue to increase in intensity and drift southsouthwest. A trough of low pressure will become slow moving near the northwest of the British Isles while a ridge will advance towards Biscay and western Spain.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

In the west of Scotland and in Northern Ireland it will be rather cloudy with a little rain in some places. Elsewhere it will be dry with long sunny periods by day and some mist or fog patches in eastern England at night. Except in the extreme northwest, it will be cold or very cold with widespread night frost.

OUTLOOK for the following 24 hours.

Little change.

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

Code FM 11.A

OBSERVATIONS at 00h. 26 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			52					
London Airport	772	00506	30040	30653	00900	55201			
Gatwick	776	00602	66020	30555	00900	57400			
Thorney Island	871	00805	66020	29853	00900	55801			
Hurn	862	00703	61020	28553	00900	55704			
Guernsey	894	01216	58020	27201	00900	55803			
Wattisham	590	01109	48020	31353	00900	54804			
Gorleston	497	01412	62020	32501	00900	53400			
Mildenhall	578	00000	40020	31555	00900	57702			
Cardington	559	00606	28054	31156	00900	57301			
West Raynham	485	01208	28020	31955	00900	56201			
Wittering	462	90000	F9494	31555	9/0//	56400	89/00		
Boscombe Down	746	01006	58020	29554	00900	58506			
Ross-on-Wye									
Bristol	628	00709	28050	28654	00900	56805			
Aberporth	502	01520	56050	25151	00900	56816			
Rhoose (Cardiff)	715	00912	14040	28153	00900	54400			
Plymouth	827	01107	40050	26500	00900	53707			
Chivenor	707	01010	61020	26452	00900	56807			
St. Mawgan	817	01322	62020	24101	00900	53813			
Culdrose	809	01217	64020	24402	00900	53706			
Scilly	804	01422	61020	21904	00900	53715			
Elmdon	534	01203	23040	30155	00900	56000			
Shawbury	414	0120/	23040	29253	00900	56806			
Manchester	334	01313	40040	29251	00900	57806			
Squires Gate	318	01415	40040	28553	00900	56506			
Valley	302	02105	61020	25901	00900	52706			
Ronaldsway	204	01416	64020	26401	00900	56604			
Carlisle	222	01411	23050	28652	00900	57704			
Watnall	354	01401	07044	31254	00900	56001			
Spurn Head	396	01806	48020	31651	00900	54106			
Finningley	360	01005	21040	31856	00900	57204			
Dishforth	261	01502	07444	30957	00900	58002			
Tynemouth	262	01906	11284	29854	00900	56801			
Eskdalemuir									
Mull of Galloway	131	31615	66031	25001	35600	52714	83630		
Prestwick	135	01309	48040	26152	00900	55704			
Renfrew	141	01107	59020	27551	00900	59001			
Leuchars	171	20000	23040	27955	00901	56002	82075		
Dyce	091	12011	56051	27352	00901	57206	81070		
Wick	075	02011	56051	24102	00900	51301			
Cape Wrath	049	32005	81021	20805	35500	00712	83625		
Sule Skerry	010	81505	66022	21706	865//	04704	88720		
Lerwick	005	81807	56105	24804	854//	04210	88612		
Stornoway	026	01719	74011	21203	00900	53709			
Benbecula	022	11430	58041	19702	15600	51616	81640		
Tiree	100	11533	58041	21203	16400	51514	81715		
Aldergrove	917	01612	56041	23701	00900	53806			
Malin Head	980	01628	59101	19801	00900	52824			
Belmullet	976	81433	69032	13503	5567/	52715	85635	88459	
Birr	965	11417	70020	19001	15600	53724	81633		
Collinstown	969	61515	56051	23101	36402	53811	83719	86070	
Rineanna	962	31430	59021	13903	17401	51619	81716	83070	
Roches Point	952	11626	62011	18605	15600	00619	81630		
Valentia	953	81432	62052	11606	20937	52631	82364	88270	

OBSERVATIONS at 06h. 26 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	00904	35050	29753	00900	57301			
London Airport	772	00711	35040	29553	00900	57701			
Gatwick	776	00703	48050	29757	00900	58604			
Thorney Island	871	00809	28100	28553	00900	54604			
Hurn	862	00707	28020	27153	00900	53705			
Guernsey	894	01315	48020	25350	00900	56609			
Wattisham	590	01108	20100	30853	00900	54602			
Gorleston	497	01311	58050	32900	00900	52400			
Mildenhall	578	01204	37020	30957	00900	58203			
Cardington	559	00705	23100	30357	00900	58102			
West Raynham	485	01010	32020	31655	00900	56302			
Wittering	462	01103	12104	30956	00900	57400			
Boscombe Down	746	01008	40020	28356	00900	58707			
Ross-on-Wye	627	01104	48020	27655	00900	57713			
Bristol	628	00809	32050	27355	00900	57811			
Aberporth	502	01416	48050	23451	00900	55502			
Rhoose (Cardiff)	715	00914	28040	26453	00900	54508			
Plymouth	827	01114	58020	24000	00900	53608			
Chivenor	707	00910	61020	23750	00900	52609			
St. Mawgan	817	01224	61020	22001	00900	51709			
Culdrose	809	01119	58020	21301	00900	52716			
Scilly	804	11521	61030	19504	15400	54711	81618		
Elmdon	534	00000	23040	29157	00900	58604			
Shawbury	414	01206	17040	28256	00900	57505			
Manchester	334	01005	58020	28153	00900	55508			
Squires Gate	318	01315	56040	27253	00900	58510			
Valley	302	01413	66020	23303	00900	52710			
Ronaldsway	204	01226	56040	24100	00900	52609			
Carlisle	222	10805	56030	27653	10940	57609	81365		
Watnall	354	00907	28104	30556	00900	57500			
Spurn Head	396	01505	59020	30900	00900	53704			
Finningley	360	90000	01494	31257	9/0//	58400	89/00		
Dishforth	261	91507	03494	30757	9/0//	57307	89/01		
Tynemouth	262	01815	48050	29353	00900	55608			
Eskdalemuir	162	03202	62020	29158	00900	62608			
Mull of Galloway	131	21626	60020	23200	25600	53715	82630		
Prestwick	135	01518	58020	23951	00900	53613			
Renfrew	141	00808	59020	25953	00900	58608			
Leuchars	171	20000	26040	27060	00901	60708	82075		
Dyce	091	11704	56050	27355	00901	60501	81070		
Wick	075	01512	58050	22102	00900	56710			
Cape Wrath	049	22002	82020	18204	25500	65718	82625		
Sule Skerry	010	31513	66021	18703	36500	00709	83720		
Lerwick	005	31914	58031	22604	35400	02711	83612		
Stornoway	026	01827	74020	17305	00900	58720			
Benbecula	022	71635	59041	15502	756//	53725	87640		
Tiree	100	71436	56041	18002	20972	52611	82362	87072	
Aldergrove	917	61411	48041	21101	00901	52614	86070		
Malin Head	980	01539	59100	16201	00900	53505			
Belmullet	976	61438	66022	09703	30932	56510	83358	86070	
Birr	965	41419	70020	16702	45600	51501	84633		
Collinstown	969	31522	62050	20301	00902	52811	83070		
Rineanna	962	61429	61031	13604	25506	51809	82625	86257	
Roches Point	952	71530	62021	15805	15672	00506	81630	87270	
Valentia	953	51429	62021	09706	55600	01503	85633		

OBSERVATIONS during NIGHT

Station	iii	RRT$_n$T$_n$E	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	00533	58	+	+
London Airport	772	00543	56	+	+
Gatwick	776	00575	61	+	+
Thorney Island	871	00543	59	+	+
Hurn	862	00563	58	+	+
Guernsey	894	00513	53	+	+
Wattisham	590	00535	55	+	+
Gorleston	497	00515	52	+	+
Mildenhall	578	00586	63	+	+
Cardington	559	97585	62	if	+
West Raynham	485	00566	59	+	+
Wittering	462	00575	61	FF	FFff
Boscombe Down	746	00576	58	+	+
Ross-on-Wye	627	00575	62	+	+
Bristol	628	00565	57	+	+
Aberporth	502	00523	55	+	+
Rhoose (Cardiff)	715	00545	55	+	+
Plymouth	827	00503	53	+	+
Chivenor	707	00523	56	+	+
St. Mawgan	817	00013	50	+	+
Culdrose	809	00010	00	+	+
Scilly	804	00030	//	+	+
Elmdon	534	00585	63	+	+
Shawbury	414	97565	62	+	+
Manchester	334	00543	55	+	+
Squires Gate	318	00553	58	+	+
Valley	302	00543	58	+	+
Ronaldsway	204	00505	55	+	+
Carlisle	222	00545	58	+	+
Watnall	354	00575	61	ff	ff
Spurn Head	396	00525	//	+	+
Finningley	360	00585	59	ff	FF
Dishforth	261	00607	60	ff	ff
Tynemouth	262	00573	57	ff	+
Eskdalemuir	162	00637	66	+	+
Mull of Galloway	131	00523	//	/	/
Prestwick	135	00535	54	+	+
Renfrew	141	00553	57	+	+
Leuchars	171	00603	63	+	+
Dyce	091	00565	61	+	+
Wick	075	00013	51	+	+
Cape Wrath	049	00000	53	+	+
Sule Skerry	010	97031	01	/	/
Lerwick	005	97021	00	id$_0$	+
Stornoway	026	00030	01	+	+
Benbecula	022	00020	51	+	+
Tiree	100	00021	00	+	+
Aldergrove	917	00515	53	+	+
Malin Head	980	00003	52	/	/
Belmullet	976	00021	01	/	/
Birr	965	00011	52	/	/
Collinstown	969	00013	52	/	/
Rineanna	962	00031	02	/	/
Roches Point	952	00041	02	/	/
Valentia	953	00051	03	/	/

CONVE TAB °C to 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30621	32800	32322	75268	94700	39500	00109	/////	/////	06157	12347	1////
B	30565	51000	62518	65158	94553	62400	00814	86815	/////	06159	12849	1////
C	30570	35500	42720	61858	99952	49500	00400	84920	/////	06757	12658	1////
D	30440	41000	81835	58616	07511	8052/	00790	88530	/////	00607	149//	1////
I	30592	18700	81006	96636	96005	8732/	00739	87708	88525	05703	110/1	149/8
J	30524	19900	83348	95216	87106	872//	00326	84705	88709	05705	18363	18061
K	30454	16100	82025	60026	07211	8841/	00219	84816	83623	05108	17640	12045
M	33660	01800	22629	65016	15106	22500	61726	82820	/////	05101	12645	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30620	33006	32114	70268	91452	39500	00716	/////	/////	06556	12145	1////
B	30565	51006	32706	65021	89453	32500	00724	83820	/////	06058	12834	1////
C	30570	35506	42717	61858	96551	42500	00724	84820	/////	06456	12646	1////
D	30440	41006	52527	63216	97812	57500	00522	85820	/////	00809	11769	1////
I	30590	18806	81540	95636	82008	872//	41764	88705	/////	05407	16547	1////
J	30525	20106	23142	96258	96405	23400	71253	82915	/////	05902	18269	18061
K	30453	16306	73230	60015	13209	754//	00339	89613	/////	05506	13134	17844
M	33660	01606	21920	65020	18506	22500	61217	82820	/////	05103	12444	1////

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36987

Date of Issue Wednesday 27 February 1963

OBSERVATIONS at 12h. 26 February 1963

Code FM 11.A

RSION LE °F	Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
104	Kew	775	01008	32050	30704	00900	59103			
102	London Airport	772	00912	40040	30705	00900	61205			
100	Gatwick	776	01010	40050	30104	00900	55008			
99	Thorney Island	871	00915	59050	29703	00900	54007			
97	Hurn	862	01010	58020	28704	00900	56210			
95	Guernsey	894	01112	40050	26403	00900	55104			
93	Wattisham	590	01210	48050	32203	00900	54207			
91	Gorleston	497	01412	48050	33401	00900	51204			
90	Mildenhall	578	01409	40050	31505	00900	53503			
88	Cardington	559	01110	37050	31004	00900	53203			
86	West Raynham	485	01315	56020	31903	00900	53000			
84	Wittering	462	01310	20044	31302	00900	53003			
82	Boscombe Down	746	01110	58020	29701	00900	54208			
81	Ross-on-Wye	627	00707	48020	29501	00900	55101			
79	Bristol	628	00912	23040	29302	00900	55006			
77	Aberporth	502	11320	62050	24605	00902	64203	81075		
75	Rhoose (Cardiff)	715	00813	26040	27802	00900	52304			
73	Plymouth	827	01121	48050	25405	00900	51107			
72	Chivenor	707	01322	56020	25305	00900	53205			
70	St. Mawgan	817	11328	32050	23804	11400	00108	81810		
68	Culdrose	809	31220	40051	23505	11501	51309	81820		
66	Scilly	804	41419	56020	21206	00902	51009	84075		
64	Elmdon	534	01307	37040	30201	00900	55108			
63	Shawbury	414	01111	17040	29701	00900	54004			
61	Manchester	334	01418	56020	29904	00900	56110			
59	Squires Gate	318	01517	32040	28305	00900	58303			
57	Valley	302	11909	61040	25107	00902	53109	81070		
55	Ronaldsway	204	11322	48040	26104	00901	52010	81070		
54	Carlisle	222	01508	56050	28605	00900	57301			
52	Watnall	354	01409	20044	31303	00900	55105			
50	Spurn Head	396	01511	32050	32403	00900	52205			
48	Finningley	360	01710	21044	32202	00900	53006			
46	Dishforth	261	01807	19104	32052	00900	52207			
45	Tynemouth	262	02016	18100	31050	00900	51107			
43	Eskdalemuir	162	01808	70020	28502	00900	59003			
41	Mull of Galloway	131	31620	66010	23903	35600	51207	83630		
39	Prestwick	135	21317	61010	25704	00902	57007	82075		
37	Renfrew	141	21719	59041	26205	00901	58701	82070		
36	Leuchars	171	12803	66020	27203	00901	56001	81075		
34	Dyce	091	11809	37051	26702	00901	55703	81070		
32	Wick	075	51716	61051	21704	00901	55708	85075		
30	Cape Wrath	049	61813	82021	15608	655//	63714	86625		
28	Sule Skerry	010	51513	66021	18006	36505	52707	83725	85070	
27	Lerwick	005	71922	66021	23406	00906	51104	87070		
25	Stornoway	026	71723	70022	16107	10932	56617	81364	87075	
23	Benbecula	022	71542	61022	14105	2563/	51713	82645	87359	
21	Tiree	100	71357	59042	17805	10936	50612	81360	87272	
19	Aldergrove	917	71520	59032	21905	20932	52702	82365	87070	
18	Malin Head	980	71638	59051	16505	50932	53708	85359	87070	
16	Belmullet	976	81530	66606	11109	6557/	01206	82721	86630	88459
14	Birr	965	71320	70032	18705	585/2	00209	82820	85633	86072
12	Collinstown	969	71427	48052	22403	00902	53102	87070		
10	Rineanna	962	81533	59102	16907	4557/	51213	94625	88460	
9	Roches Point	952	71626	58052	19006	21506	01217	82822	87270	
7	Valentia	953	81621	58616	14607	864//	04228	88718		

OBSERVATIONS at 18h. 26 February 1963

iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_d app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
775	00912	15040	30602	00900	54304			
772	00609	15040	30304	00900	55304			
776	00707	57050	30003	00900	53303			
871	00707	56050	29103	00900	55101			
862	10805	59040	28303	10930	57304	81365		
894	10918	48050	25403	00902	55503	81075		
590	00911	56050	32600	00900	53305			
497	01310	58050	33701	00900	52202			
578	01106	48020	32201	00900	54310			
559	00709	40020	31201	00900	52303			
485	01011	50020	33000	00900	53314			
462	01307	37040	31901	00900	52307			
746	01106	58020	29201	00900	53302			
627	00805	48020	28802	00900	55601			
628	00908	28040	28403	00900	56301			
502	11415	59020	25104	10942	59204	81359		
715	11013	32040	27702	00901	55308	81070		
827	10916	37050	25302	15501	51708	81625	81070	
707	11111	58020	25404	00901	54307	81075		
817	31218	48050	24403	00902	52315	83070		
809	20820	34050	23303	00902	51304	81070		
804	61319	32021	22105	25572	00211	82625	83358	85075
534	01108	32040	30001	00900	54501			
414	01307	15040	29703	00900	55306			
334	01213	40040	28904	00900	60500			
318	11316	23040	28402	00901	57304	81075		
302	21608	56040	26304	10912	55211	81463		
204	21415	58040	26604	10931	53309	81365		
222	12403	58030	28804	00901	57706	81072		
354	01007	14050	31401	00900	52302			
396	01214	32050	32301	00900	51101			
360	01010	48040	31901	00900	51503			
261	00000	28050	31300	00900	52307			
262	01814	16050	30402	00900	53104			
162	12401	60020	29552	00901	59307	81070		
131	71810	60022	25904	35608	01212	83630	85270	
135	61612	37041	26003	00902	57312	83068	86072	
141	51608	32041	26703	20946	57310	82362	85270	
171	21912	65030	26702	00902	56304	82075		
091	12010	56050	26701	00908	56301	81270		
075	21923	62020	20005	00902	53310	82075		
049	71818	82022	14209	35631	64205	83630	84170	
010	61624	74032	15007	36548	01710	83725	85270	
005	21828	58051	21204	10931	51509	81365		
026	61836	66042	15306	6094/	50309	86362		
022	81839	58042	15706	3577/	00334	83650	88460	
100	81737	59042	20106	8097/	00328	83360	88465	
917	71818	59022	24104	4567/	51222	84640	87358	
980	81827	59052	20805	8097/	53237	88459		
976	81722	61606	19105	865//	03238	87720	88630	
965	71610	66022	22705	656/2	00322	86639	87072	
969	71416	48052	24104	10976	52312	81465	87270	
962	81418	56052	21406	1567/	00227	81640	88459	
952	71614	58052	22406	655/2	01316	86626	87070	
953	81517	58616	19507	864//	04324	88718		

OBSERVATIONS during DAY

iii	RRT T E x x	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
775	00063	089	+	+
772	00083	086	+	+
776	00075	094	+	+
871	00061	094	+	+
862	00050	///	+	+
894	00053	093	+	+
590	00045	///	+	+
497	00025	091	+	+
578	00065	090	+	+
559	00055	096	+	+
485	00045	082	+	+
462	00055	085	ff	+
746	00046	098	+	+
627	00045	093	+	+
628	00055	089	+	+
502	00073	088	+	+
715	00055	089	+	+
827	00061	086	+	+
707	00071	089	+	+
817	00061	072	+	+
809	00060	067	+	+
804	00070	048	+	+
534	00045	067	+	+
414	00055	088	+	+
334	00063	095	+	+
318	00073	088	+	+
302	00091	094	+	+
204	00065	081	+	+
222	00075	096	+	+
354	00045	067	+	+
396	00035	092	+	+
360	00045	070	FFff	+
261	00037	068	ff	+
262	00033	067	+	+
162	00037	091	+	+
131	00041	///	/	/
135	00063	084	+	+
141	00063	075	+	+
171	00063	084	+	+
091	00035	090	+	+
075	00063	083	+	+
049	00090	///	+	+
010	00080	///	/	/
005	00061	087	+	+
026	00080	000	+	+
022	97061	000	+	iro
100	00061	000	+	+
917	00065	037	+	+
980	0006/	001	/	/
976	9706/	000	/	/
965	0006/	004	/	/
969	0006/	017	/	/
962	0008/	000	/	/
952	0007/	000	/	/
953	1207/	000	/	/

OCEAN WEATHER STATION REPORTS at 12h.

Code FM 21.A

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30621	33012	72125	70168	89851	795//	00803	/////	/////	06256	12146	1////
B	30565	51012	70222	69158	83251	22408	00729	82815	872//	05659	13234	1////
C	30570	35512	81626	63858	89502	3752/	00751	83830	88468	05859	14976	1////
D	30440	41012	12736	69026	00210	17510	00220	81820	/////	05305	17750	1205/
I	30591	18412	63035	97256	88404	624//	00399	86815	/////	00602	18042	16643
J	30527	20112	52627	98878	09007	53400	00250	85918	/////	05401	12667	17951
K	30451	16812	43221	70151	18809	49503	71218	84930	/////	05503	18140	17954
M	33659	01212	71934	65012	14307	78500	61618	85820	/////	00005	11945	1////

OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_s app	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	30621	33018	52318	75268	89010	49503	00400	/////	/////	06154	12345	1////
B	30565	51018	80527	69028	83451	52507	00308	85820	882//	05659	10337	1////
C	30570	35518	81430	63807	69006	874//	00698	88810	/////	00004	16250	1////
D	30440	41018	62745	65151	04709	62500	00208	86830	/////	00204	17761	1/N//
I	30591	18518	32420	98158	02005	839460	61260	81915	83820	05854	12547	18042
J	30528	19918	22017	99028	12608	11501	00002	81820	/////	05302	12243	13058
K	30449	16118	43218	80030	19510	42500	32303	84830	/////	05504	18140	12958
M	33658	01118	71936	65022	08906	22572	41727	82830	86457	05204	11946	1////

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE

NAUTICAL MILES

0 500 1000 1500

Equidistant azimuthal projection
1:3 x 10^7 on the plane of 60°N.

1200h. of
26 FEBRUARY 1963

Explanation of symbols

CL

Symbol

WEA

Symbol

For each half-feat
5 knots

CHARTS OF WEATHER IN WEST EUROPE

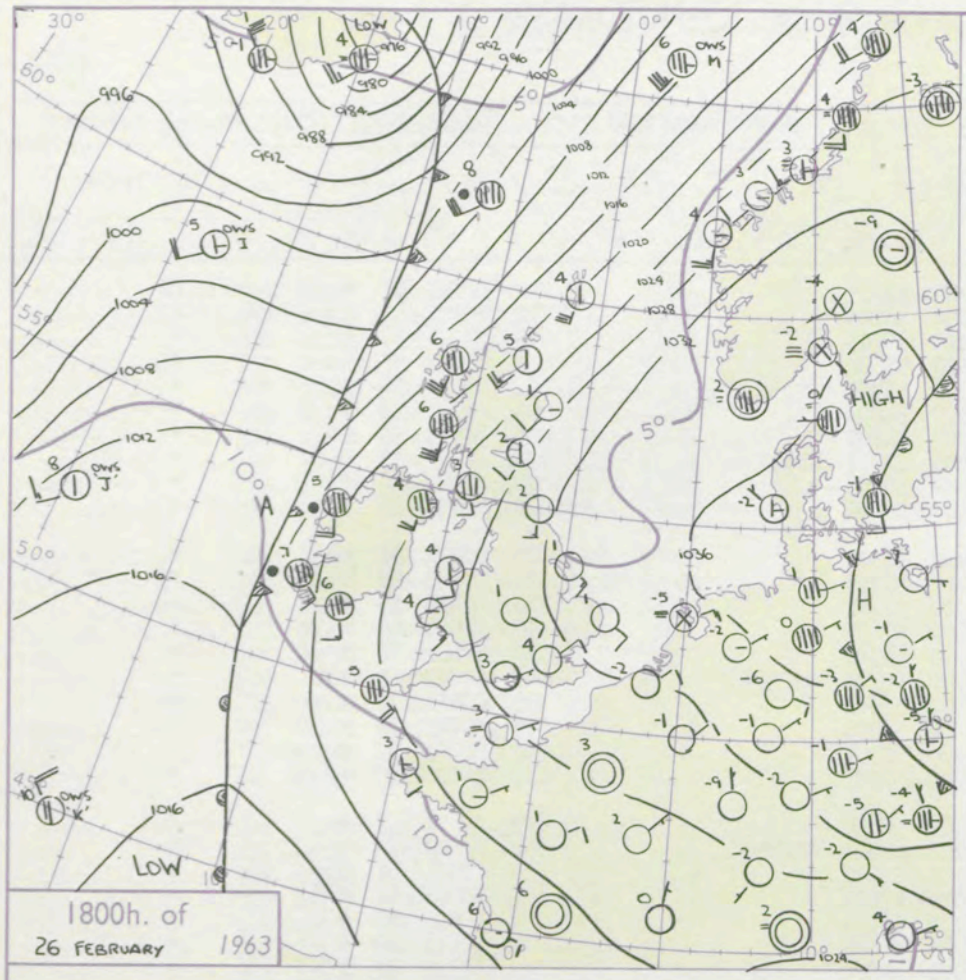
nation
mbols

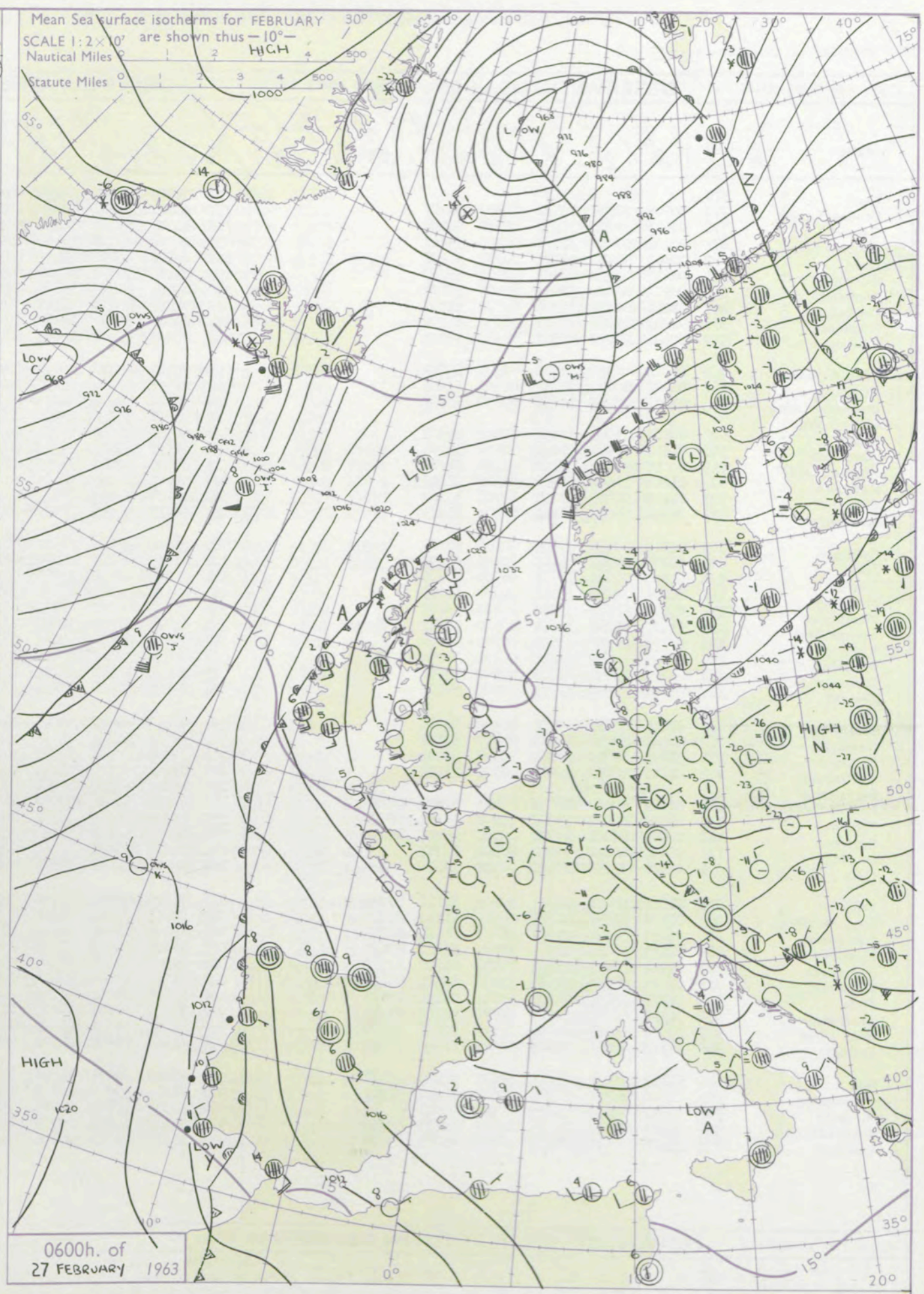
OUD
Cloud Amount (oktas)
0
1 or less
2
3
4
5
6
7 or more
8
obscured

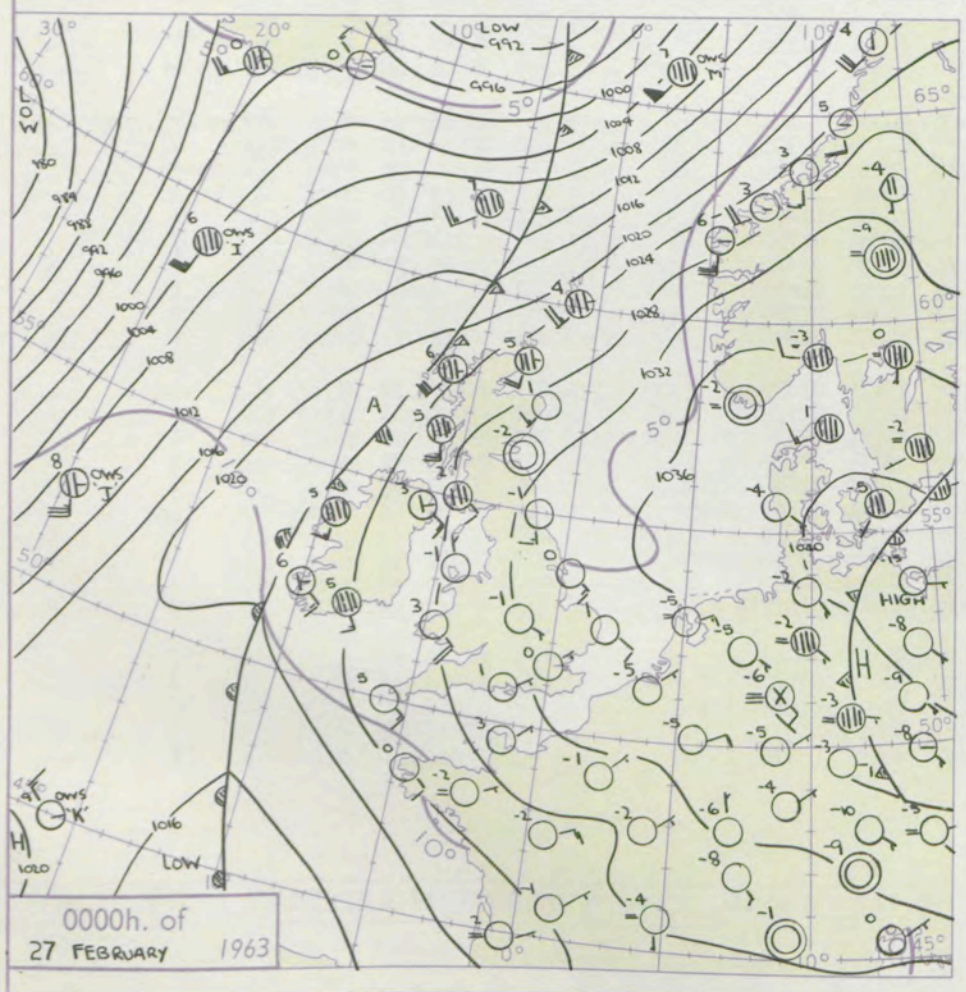
ATHER
Weather

zzle
and
rizzle
and snow
shower
and snow
shower
w shower
shower
nderstorm

IND
Wind speed (knots)
Calm
1–2
3–7
8–12
13–17
additional
er add
48–52







GENERAL SYNOPTIC DEVELOPMENT

Issued at midday **Wednesday 27 February** 1963

A depression has moved quickly northeast from Iceland while another depression has moved northeast from south of Greenland but is now expected to slow down. The frontal system of this depression has advanced rapidly across the Atlantic but is likely to become almost stationary off the west of the British Isles. A large anticyclone has drifted southwards from the Baltic and is expected to be slow moving over eastern Europe.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

It will be cloudy in the northwest of Scotland with a little rain in places. Elsewhere in Scotland, in Northern Ireland, western parts of England and in Wales it will be dry and cloudless. In the Midlands and eastern England it will also be mostly sunny with some fog at night. It will be rather cold with night frost.

OUTLOOK for following 24 hours

Little change.

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

Code FM 11.A

OBSERVATIONS at 00h. 27 Fe ruary 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775			50					
London Airport	772	00505	20040	32550	00900	54107			
Gatwick	776	00903	37050	32253	00900	56207			
Thorney Island	871	00808	58050	31250	00900	55207			
Hurn	862	00807	56020	29901	00900	52208			
Guernsey	894	01219	40050	27702	00900	55207			
Wattisham	590	00907	48020	33952	00900	53301			
Gorleston	497	01212	60020	35301	00900	51208			
Mildenhall	578	01003	40020	33853	00900	54205			
Cardington	559	00606	56020	33352	00900	55205			
West Raynham	485	01011	48020	34353	00900	55204			
Wittering	462	01206	28040	33752	00900	53005			
Boscombe Down	746	01008	40050	31252	00900	55107			
Ross-on-Wye									
Bristol	628	00608	23040	30851	00900	56602			
Aberporth	502	01518	59020	27103	00900	55208			
Rhoose (Cardiff)	715	00815	28040	29300	00900	54203			
Plymouth	827	01214	40050	26902	00900	01303			
Chivenor	707	01210	56020	27002	00900	56202			
St. Mawgan	817	01216	56050	26101	00900	51203			
Culdrose	809	00913	50050	25603	00900	52208			
Scilly	804	01216	32021	24505	00900	00208			
Elmdon	534	01306	37040	31751	00900	53205			
Shawbury	414	00607	28040	31553	00900	56003			
Manchester	334	01509	61020	31202	00900	53108			
Squires Gate	318	01409	34040	31153	00900	56312			
Valley	302	03603	58040	28651	00900	57208			
Ronaldsway	204	21219	20040	29202	00901	51210	82075		
Carlisle	222	01413	32050	31203	00900	54206			
Watnall	354	00809	58020	33753	00900	56107			
Spurn Head	396	01415	58020	33900	00900	52204			
Finningley	360	01406	32040	34053	00900	55107			
Dishforth	261	01503	17050	33854	00900	56004			
Tynemouth	262	01815	48050	33251	00900	53112			
Eskdalemuir									
Mull of Galloway	131	81822	60032	28503	864//	51226	88715		
Prestwick	135	61509	56052	29002	00902	57211	86070		
Renfrew	141	21005	48041	29801	00901	55211	82070		
Leuchars	171	00000	40040	30452	00900	56217			
Dyce	091	02016	37050	30101	00900	53210			
Wick	075	71818	58051	26605	00902	52116	87075		
Cape Wrath	049	81830	81032	21705	865//	51235	88725		
Sule Skerry	010	82037	58022	21507	864//	04228	88715		
Lerwick	005	72123	56030	23904	756//	51322	87637		
Stornoway	026	71931	66022	23106	7093/	01228	87360		
Benbecula	022	81819	58506	22405	5552/	04221	85627	88459	
Tiree	100	81727	59042	24205	5567/	01114	85635	88460	
Aldergrove	917	31513	56021	26903	30970	52110	83359		
Malin Head	980	81822	59052	24104	8097/	52209	88460		
Belmullet	976	81717	62216	21505	865//	02206	84720	88630	
Birr	965	61413	70022	25103	656//	00209	86637		
Collinstown	969	21410	50050	26903	20930	54010	82363		
Rineanna	962	01312	40101	23604	00900	00203			
Roches Point	952	81417	58052	24405	864//	02107	88716		
Valentia	953	31116	66011	21606	36400	01005	83818		

OBSERVATIONS at 06h. 27 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$8N_sC_hs_hs$
Kew	775	01007	24050	31652	00900	54605			
London Airport	772	00604	20040	31553	00900	54705			
Gatwick	776	00807	32050	31254	00900	56803			
Thorney Island	871	00807	56050	30552	00900	55501			
Hurn	862	00707	48050	29152	00900	53701			
Guernsey	894	01116	56050	26901	00900	54603			
Wattisham	590	00806	28050	33053	00900	54705			
Gorleston	497	31212	60030	34250	35500	52703	83620		
Mildenhall	578	00805	17100	33055	00900	56705			
Cardington	559	00806	19100	32554	00900	55602			
West Raynham	485	00906	20020	33955	00900	56503			
Wittering	462	01206	08404	33254	00900	55701			
Boscombe Down	746	00906	40050	31054	00900	57201			
Ross-on-Wye	627	00000	48020	30755	00900	57605			
Bristol	628	00506	28040	30054	00900	56301			
Aberporth	502	01521	59020	26803	00900	59302			
Rhoose (Cardiff)	715	00709	32040	29253	00900	55304			
Plymouth	827	01207	30050	27101	00900	50506			
Chivenor	707	01109	32050	26901	00900	54301			
St. Mawgan	817	01417	56050	25902	00900	52500			
Culdrose	809	00813	56050	25502	00900	52400			
Scilly	804	11215	48010	23705	00902	01703	81075		
Elmdon	534	00000	48020	32055	00900	55202			
Shawbury	414	00905	32040	31754	00900	57103			
Manchester	334	00000	60020	31752	00900	59104			
Squires Gate	318	01005	57020	31456	00900	58305			
Valley	302	00403	58040	28652	00900	57602			
Ronaldsway	204	20914	37040	29401	00901	52501	82075		
Carlisle	222	10604	56050	31701	10940	60001	81364		
Watnall	354	00708	56020	33755	00900	56205			
Spurn Head	396	01412	48020	34550	00900	53307			
Finningley	360	81307	14101	34653	862//	54308	88703		
Dishforth	261	31802	20051	34556	36300	57206	83709		
Tynemouth	262	02009	58020	34253	00900	55107			
Eskdalemuir	162	13301	62020	33254	00901	59501	81070		
Mull of Galloway	131	81816	60031	28602	864//	00704	88715		
Prestwick	135	21309	58042	29302	00902	58500	82070		
Renfrew	141	10000	56041	30200	00901	54501	81070		
Leuchars	171	50000	32041	31154	00901	56202	85075		
Dyce	091	61607	40051	31551	00901	57204	86070		
Wick	075	31712	58051	27704	00902	51111	83075		
Cape Wrath	049	82005	81022	24605	865//	51209	88725		
Sule Skerry	010	82009	81022	25507	865//	03221	88720		
Lerwick	005	72010	58022	27603	757//	00115	87656		
Stornoway	026	41921	62026	25105	25630	51303	82635	84362	
Benbecula	022	81724	58046	23804	5567/	02801	85637	88460	
Tiree	100	21521	56041	26204	25600	02305	82630		
Aldergrove	917	71312	56021	27202	30932	52603	83360	87070	
Malin Head	980	41805	59051	25002	40930	54505	84362		
Belmullet	976	41417	66026	21502	45500	50805	84627		
Birr	965	21408	70031	24902	25600	51505	82633		
Collinstown	969	71514	59051	26702	00902	52806	87070		
Rineanna	962	61317	48101	23204	4553/	01801	84622	86360	
Roches Point	952	71419	58052	23705	764//	02710	87717		
Valentia	953	81515	66031	20706	854//	01808	83718	88628	

OBSERVATIONS during NIGHT

Station	iii	RRT T_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97523	56 +		ff
London Airport	772	00533	57 +		+
Gatwick	776	00555	58 +		+
Thorney Island	871	00533	55 +		+
Hurn	862	00523	54 +		+
Guernsey	894	00013	52 ++		+
Wattisham	590	00535	55 +		+
Gorleston	497	00515	55 +		+
Mildenhall	578	00565	60 +		+
Cardington	559	97555	59 +		+
West Raynham	485	00565	58 +		+
Wittering	462	00545	59 +		ff
Boscombe Down	746	00556	56 +		+
Ross-on-Wye	627	00565	60 +		+
Bristol	628	00555	58 +		+
Aberporth	502	00003	// +		+
Rhoose (Cardiff)	715	00535	55 +		+
Plymouth	827	00013	52 +		+
Chivenor	707	00003	55 +		+
St. Mawgan	817	00013	50 +		+
Culdrose	809	00011	51 +		+
Scilly	804	00040	// +		+
Elmdon	534	00565	61 +		+
Shawbury	414	00565	61 +		+
Manchester	334	00533	58 +		+
Squires Gate	318	00573	60 +		+
Valley	302	00533	57 +		+
Ronaldsway	204	00015	52 +		+
Carlisle	222	00515	55 +		+
Watnall	354	00555	58 +		ff
Spurn Head	396	00515	// +		+
Finningley	360	00545	58 +		+
Dishforth	261	00577	59 +		+
Tynemouth	262	00533	56 +		+
Eskdalemuir	162	00567	58 +		+
Mull of Galloway	131	00011	++ /		/
Prestwick	135	00013	53 +		+
Renfrew	141	00533	57 +		+
Leuchars	171	00563	58 +		+
Dyce	091	00525	57 +		+
Wick	075	00033	52 +		+
Cape Wrath	049	00030	51 +		+
Sule Skerry	010	00950	03 /		/
Lerwick	005	00031	01 +		+
Stornoway	026	97040	02 ir_0		+
Benbecula	022	01031	01 ir_0id_0		id_0
Tiree	100	00041	01 +		+
Aldergrove	917	00015	51 +		+
Malin Head	980	00020	51 /		/
Belmullet	976	97011	51 /		/
Birr	965	97011	53 /		/
Collinstown	969	00020	53 /		/
Rineanna	962	97030	02 /		/
Roches Point	952	00051	03 /		/
Valentia	953	01051	03 /		/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33000	81025	60738	83102	874//	00741	/////	/////	05700	11036	1////
B	40565	51000	20223	65028	85852	22400	00315	82615	/////	05851	10236	1////
C	40570	35500	82025	61808	70905	825//	00108	88815	/////	05202	12048	1////
D	40440	41000	52338	63291	02410	53500	00839	81920	84825	05406	17762	1////
I	40590	18900	81836	98038	03906	35517	61708	83620	84462	05600	11849	18040
J	40525	20000	51735	98022	09308	55500	00833	84625	/////	05303	11745	12356
K	40450	15400	13213	70018	19809	15700	71805	81650	/////	05602	13349	12958
M	43656	01000	81949	65031	03107	855//	41732	88620	/////	00202	16945	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hs_hs$	$8N_sC_hs_hs$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33206	71812	70217	72505	774//	00640	/////	/////	05004	11945	1////
B	40565	51006	33626	69021	89300	32400	00227	83815	/////	05659	13630	1////
C	40570	35506	82026	61808	71204	824//	00102	88815	/////	05401	12059	1////
D	40440	41006	82740	63808	00509	825//	00022	88825	/////	05505	17764	1////
I	40589	19006	81748	97032	97708	855//	41732	88620	/////	05203	16747	1////
J	40526	20006	71745	98031	01609	755//	40730	87625	/////	05106	16751	12359
K	40448	15706	12808	68020	16809	15700	32610	81650	/////	05601	10070	13347
M	43655	01006	12435	65028	13505	15500	51377	81625	/////	00150	12446	16974

CONVE TAB

°C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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

DAILY WEATHER REPORT OF THE BRITISH METEOROLOGICAL OFFICE

No. 36988 — Date of Issue Thursday 28 February 1963

Code FM 11.A — OBSERVATIONS at 12h. 27 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	00913	14054	31604	00900	53803			
London Airport	772	00711	15040	31505	00900	54804			
Gatwick	776	01012	40050	31105	00900	52803			
Thorney Island	871	00916	56050	30504	00900	52805			
Hurn	862	00811	50050	29305	00900	52702			
Guernsey	894	11115	60020	27205	00901	55400	81070		
Wattisham	590	01111	40050	33003	00900	54804			
Gorleston	497	01411	32050	34701	00900	51400			
Mildenhall	578	01205	32050	32805	00900	51808			
Cardington	559	00706	19051	32601	00900	52803			
West Raynham	485	01111	23021	33303	00900	51806			
Wittering	462	00807	23044	33102	00900	53605			
Boscombe Down	746	01109	37050	30503	00900	55500			
Ross-on-Wye	627	00603	48020	30701	00900	54706			
Bristol	628	00710	26040	30303	00900	57806			
Aberporth	502	11623	62020	26708	00902	65804	81075		
Rhoose (Cardiff)	715	00716	28040	29403	00900	55504			
Plymouth	827	01115	28050	26705	00900	01609			
Chivenor	707	01214	48020	27108	00900	55711			
St. Mawgan	817	11221	48050	25507	10930	50610	81368		
Culdrose	809	20920	58050	25706	11405	02300	81815		
Scilly	804	41119	56020	24007	00902	01801	84075		
Elmdon	534	00607	32040	31701	00900	52706			
Shawbury	414	01008	28040	31701	00900	54503			
Manchester	334	11303	59020	31405	00901	59804	81075		
Squires Gate	318	11113	30040	31307	00900	55704	81173		
Valley	302	41803	63041	28709	00902	58400	84075		
Ronaldsway	204	71118	40041	29404	00902	52701	87072		
Carlisle	222	30710	69020	32104	00902	57000	83070		
Watnall	354	30810	23047	33400	36300	52603	83707		
Spurn Head	396	61108	32022	34001	664//	51702	86710		
Finningley	360	81006	32042	34450	862//	52703	88704		
Dishforth	261	81306	20051	34452	863//	53703	88706		
Tynemouth	262	51912	16051	34001	00901	52500	85075		
Eskdalemuir	162	40000	69021	32602	00902	59001	84070		
Mull of Galloway	131	71815	60022	28503	756//	51702	87630		
Prestwick	135	71512	66021	28907	10932	64608	81365	87070	
Renfrew	141	61410	37041	30306	20942	57502	82360	85072	
Leuchars	171	70705	60042	30905	00902	55804	87070		
Dyce	091	51813	56052	31504	00902	52802	85070		
Wick	075	71818	56051	27205	45702	52605	84650	87075	
Cape Wrath	049	71802	81022	24109	7097/	59705	87359		
Sule Skerry	010	61613	66012	24707	46505	01704	84720	86275	
Lerwick	005	72011	56052	28705	20972	01206	82358	85070	87075
Stornoway	026	51928	66042	24507	50941	55500	85365		
Benbecula	022	11630	58041	22606	10930	01605	81362		
Tiree	100	31628	56040	25106	10931	51601	81360		
Aldergrove	917	61423	56042	26406	30932	55301	83362	85070	
Malin Head	980	71714	58052	25005	50932	53000	85360	87070	
Belmullet	976	51516	62101	21005	15630	01803	81635	85359	
Birr	965	41315	62011	24605	25602	00301	82638	84072	
Collinstown	969	71117	61052	26706	20932	54802	82365	87070	
Rineanna	962	51518	48101	22808	11509	02705	81824	85175	
Roches Point	952	71220	48052	23707	15602	03601	81635	87070	
Valentia	953	11416	61051	20410	15630	01801	81635		

OBSERVATIONS at 18h. 27 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$
Kew	775	00815	32050	30302	00900	54400			
London Airport	772	00611	21040	30403	00900	52302			
Gatwick	776	00406	30050	29702	00900	53802			
Thorney Island	871	00809	58050	28803	00900	53500			
Hurn	862	00906	40040	28004	00900	53503			
Guernsey	894	00814	48050	25504	00900	53501			
Wattisham	590	20811	28050	32200	00901	52503	82075		
Gorleston	497	21212	48050	33601	00905	51601	82275		
Mildenhall	578	01107	48010	32102	00900	52305			
Cardington	559	00708	48050	31401	00900	52601			
West Raynham	485	11115	32020	32601	00901	52500	81075		
Wittering	462	00907	28040	32002	00900	51603			
Boscombe Down	746	01105	48050	28902	00900	52509			
Ross-on-Wye	627	00907	24020	29301	00900	52704			
Bristol	628	00408	19040	28702	00900	51603			
Aberporth	502	11314	58050	25405	00901	58804	81075		
Rhoose (Cardiff)	715	00816	26040	27603	00900	52604			
Plymouth	827	10815	30050	25603	00901	00701	81075		
Chivenor	707	00910	48020	26006	00900	52302			
St. Mawgan	817	11014	48050	24104	00901	51604	81075		
Culdrose	809	40820	28050	23404	36405	03710	83712		
Scilly	804	41119	48011	21906	15602	01608	81630	84075	
Elmdon	534	00606	20040	30801	00900	53603			
Shawbury	414	01107	17040	30401	00900	51502			
Manchester	334	00608	22040	30402	00900	53704			
Squires Gate	318	01116	15040	29850	00900	54503			
Valley	302	10501	48040	27107	00901	59502	81072		
Ronaldsway	204	10615	33041	28303	00901	52601	81075		
Carlisle	222	10812	62020	31101	10941	56302	81070		
Watnall	354	00711	19040	32400	00900	51300			
Spurn Head	396	11615	24050	33001	10940	00603	81360		
Finningley	360	00707	14041	33001	00900	51502			
Dishforth	261	00000	20051	33551	00900	53502			
Tynemouth	262	02012	14050	33351	00900	53601			
Eskdalemuir	162	33602	70030	31950	00901	59501	83070		
Mull of Galloway	131	71620	60022	26103	35608	51711	83630	85070	
Prestwick	135	51208	64022	28304	10942	57500	81365	85075	
Renfrew	141	20606	11041	29105	00902	56000	82070		
Leuchars	171	31207	48041	30102	10931	53501	81362	83075	
Dyce	091	51808	40051	31501	15532	52202	81620	85070	
Wick	075	71813	58052	26804	5573/	50301	85650	87360	
Cape Wrath	049	81805	81032	22408	4556/	62707	84625	84360	
Sule Skerry	010	71618	66032	23907	365/5	03400	83720	86070	
Lerwick	005	61821	66012	27405	30932	01501	83360	85075	
Stornoway	026	61817	66041	23206	40931	50602	84362	83074	
Benbecula	022	51530	58041	21505	30931	00506	83362	83072	
Tiree	100	61421	58041	23805	10942	01603	81360	86072	
Aldergrove	917	71313	56052	25204	10942	52709	81765	87075	
Malin Head	980	71522	66022	23705	20942	54303	82362	87070	
Belmullet	976	51518	59051	18807	15632	01503	81635	84359	85070
Birr	965	51413	66022	22905	00902	52501	85072		
Collinstown	969	31506	58051	25604	10942	52202	81362	83070	
Rineanna	962	41217	59011	20706	20932	01608	82360	84075	
Roches Point	952	71317	56052	21306	15672	03713	81640	87070	
Valentia	953	71323	70051	17809	30946	51508	83359	87267	

OBSERVATIONS during DAY

Station	iii	RRTxTxE	sss	WEATHER 09h.–15h.	WEATHER 15h.–21h.
Kew	775	00063	080	ff	+
London Airport	772	00073	075	+	+
Gatwick	776	00075	092	+	+
Thorney Island	871	00073	095	+	+
Hurn	862	00060	///	+	+
Guernsey	894	00070	100	+	+
Wattisham	590	00045	///	+	+
Gorleston	497	00025	073	+	+
Mildenhall	578	00065	078	+	+
Cardington	559	97055	063	+	+
West Raynham	485	00045	079	+	+
Wittering	462	00045	056	ff	+
Boscombe Down	746	00055	098	+	+
Ross-on-Wye	627	00045	087	+	+
Bristol	628	00065	083	+	+
Aberporth	502	00100	096	+	+
Rhoose (Cardiff)	715	00055	091	+	+
Plymouth	827	00061	084	+	+
Chivenor	707	00101	093	+	+
St. Mawgan	817	00081	080	+	+
Culdrose	809	00070	077	+	+
Scilly	804	00080	017	+	+
Elmdon	534	00055	080	+	+
Shawbury	414	00045	089	+	+
Manchester	334	00070	096	+	+
Squires Gate	318	00083	087	if	+
Valley	302	00111	097	+	+
Ronaldsway	204	00050	076	+	+
Carlisle	222	00085	098	+	+
Watnall	354	97045	038	is_0	+
Spurn Head	396	00025	047	+	+
Finningley	360	00035	040	+	+
Dishforth	261	00017	000	+	if
Tynemouth	262	00013	077	+	+
Eskdalemuir	162	00067	096	+	+
Mull of Galloway	131	00061	///	/	/
Prestwick	135	00093	056	+	+
Renfrew	141	00083	033	+	+
Leuchars	171	00083	083	+	+
Dyce	091	00045	068	+	+
Wick	075	00053	000	+	+
Cape Wrath	049	00100	///	+	+
Sule Skerry	010	00070	///	/	/
Lerwick	005	00061	002	+	+
Stornoway	026	00090	021	+	+
Benbecula	022	00071	066	+	+
Tiree	100	00071	034	+	+
Aldergrove	917	00085	050	+	+
Malin Head	980	0008/	000	/	/
Belmullet	976	0009/	066	/	/
Birr	965	0009/	050	/	/
Collinstown	969	0007/	047	/	/
Rineanna	962	0010/	052	/	/
Roches Point	952	0007/	023	/	/
Valentia	953	0011/	070	/	/

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

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33012	62112	70278	74505	59580	00218	81926	/////	05103	12133	11858
B	40565	51012	53624	69158	94050	52500	00220	85820	/////	05657	13537	1////
C	40570	35512	31816	69018	73505	31501	00115	83825	/////	05252	17061	1////
D	40440	41012	82738	65802	07605	8421/	00224	84820	88460	06253	17864	1////
I	40589	19012	81745	97616	91608	855//	41716	88620	/////	05205	16748	1////
J	40525	20012	71826	97026	99010	1737/	42807	81709	84459	00209	16963	11557
K	40449	15912	42012	80011	15610	11642	00805	81833	/////	05305	100/0	13346
M	43652	00812	72228	65021	20106	65645	51116	85640	/////	05103	12349	11949

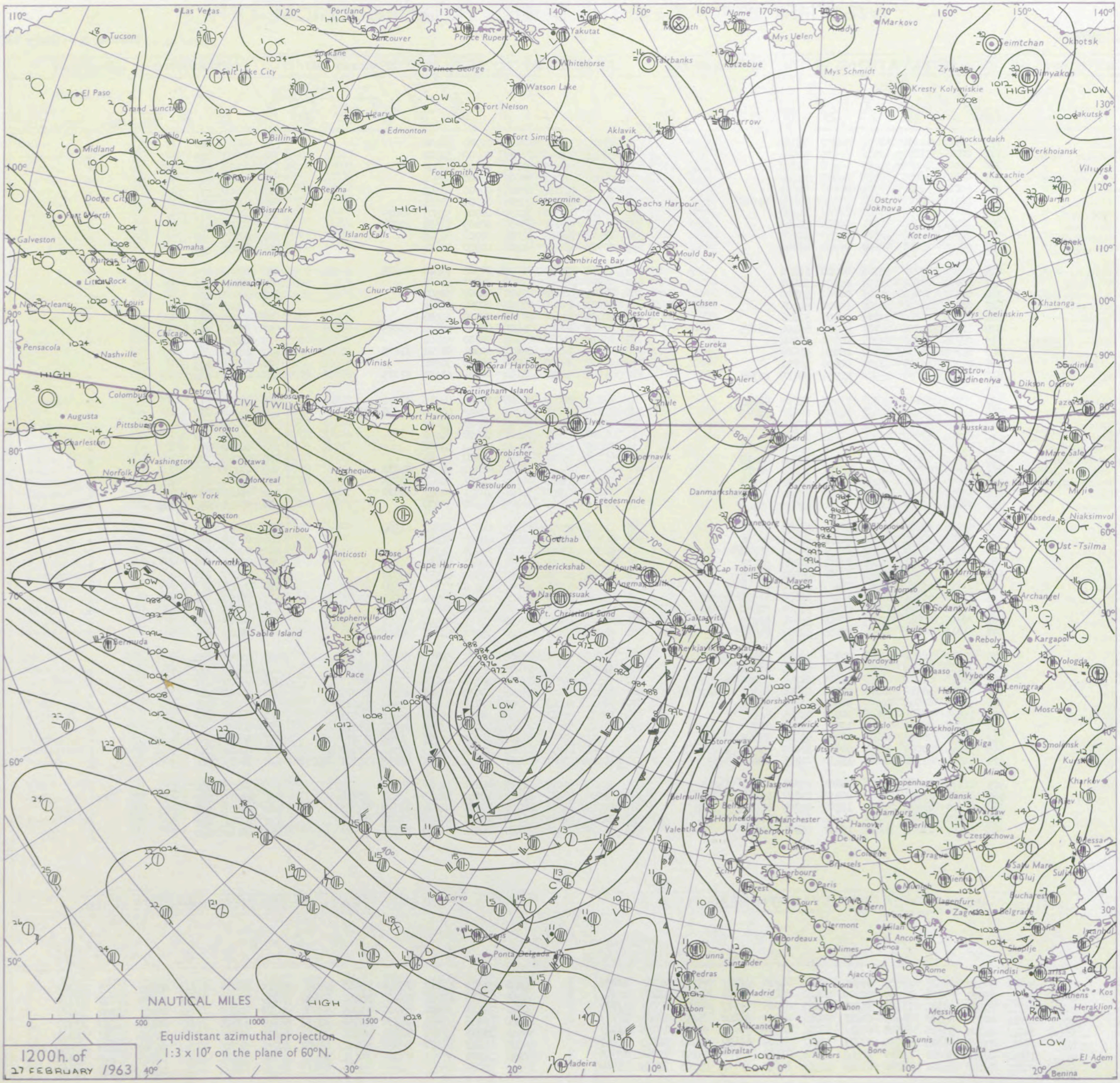
OCEAN WEATHER STATION REPORTS at 18h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sC_hh_sh_s$	$8N_sC_hh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	40620	33018	61818	75158	77005	49462	00212	84919	/////	05103	11833	14967
B	40565	51818	62927	69158	96851	62400	00219	86815	/////	05958	13147	1////
C	40570	35518	32506	69020	71205	38500	00303	82825	/////	05451	17161	1////
D	40440	41018	72924	65258	10206	7251/	00203	87825	/////	06151	17860	1////
I	40588	18818	71828	96606	95409	756//	00214	84710	87630	05007	11837	16758
J	40523	20018	41622	98020	99612	46400	40730	84715	/////	00309	11657	17060
K	40449	15818	81821	70211	11911	2567/	41707	82633	88460	05209	11823	13353
M	43652	00618	82024	60032	20607	855//	51202	88630	/////	00104	12145	11949

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

SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General. Meteorological Office, London Road, Bracknell, Berkshire

CHART OF WEATHER IN PART OF NORTHERN HEMISPHERE



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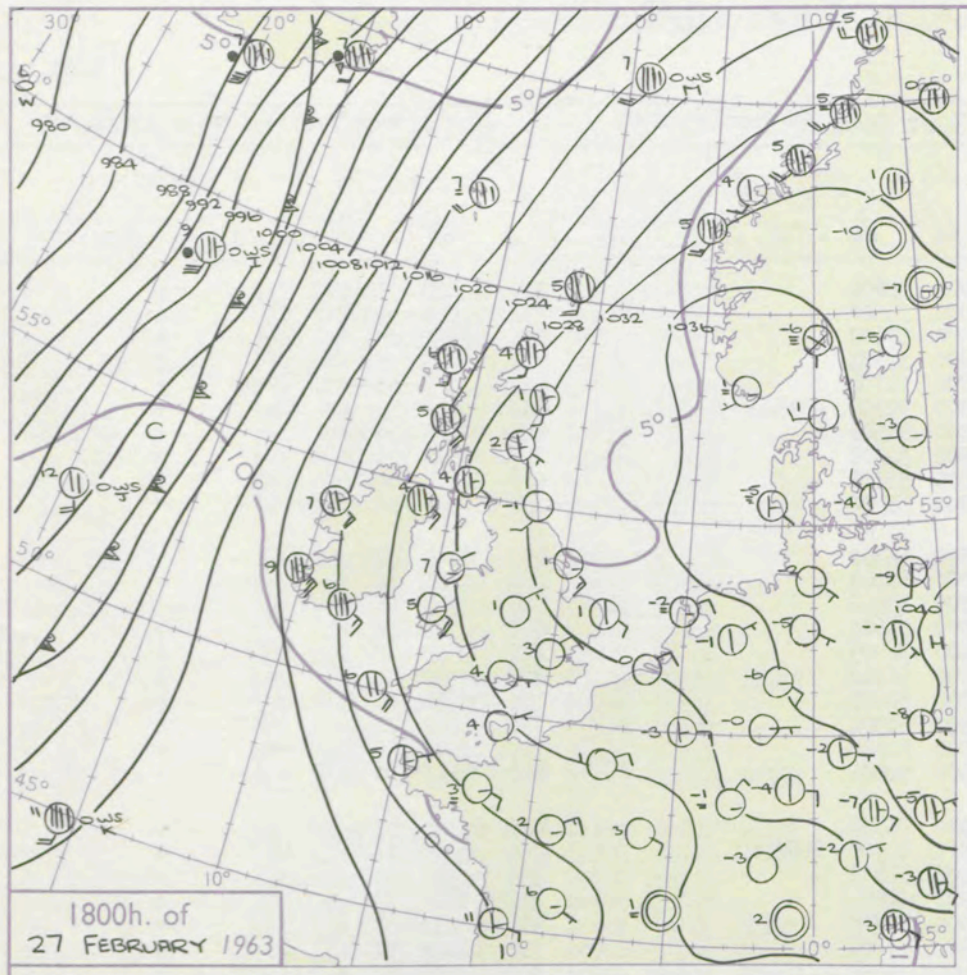

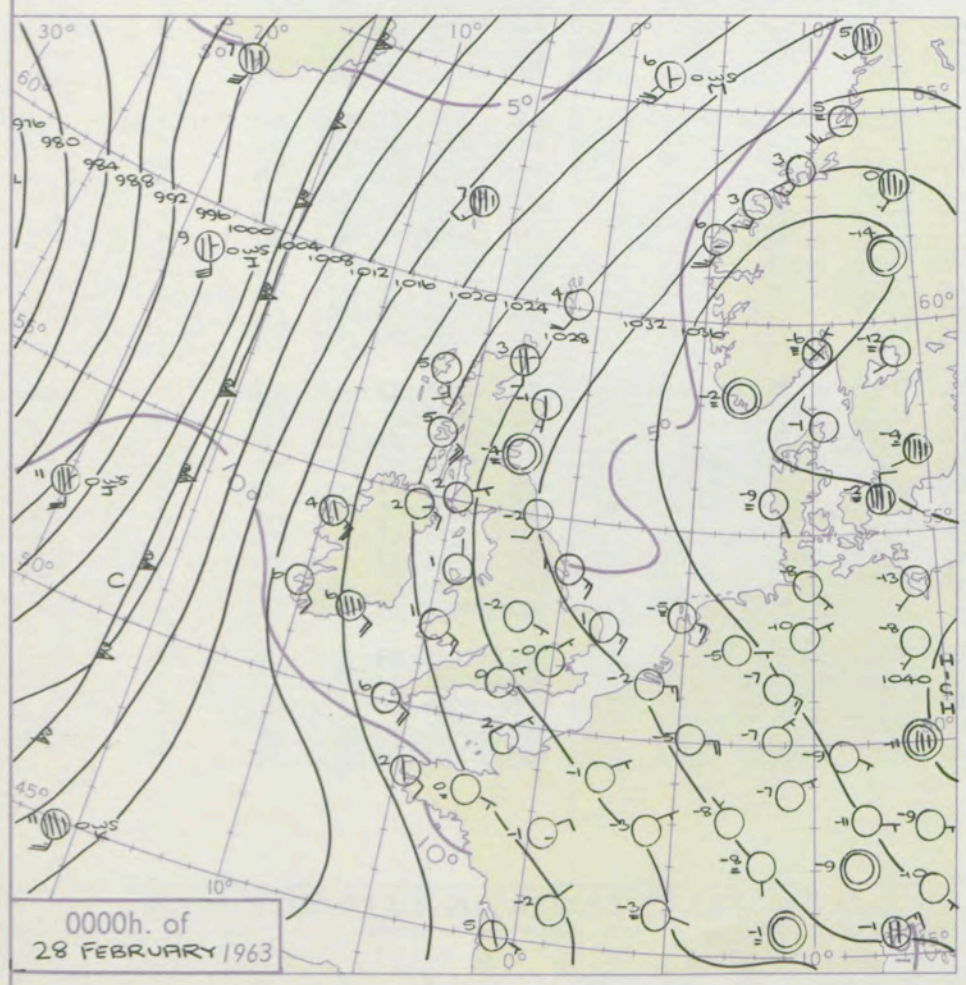

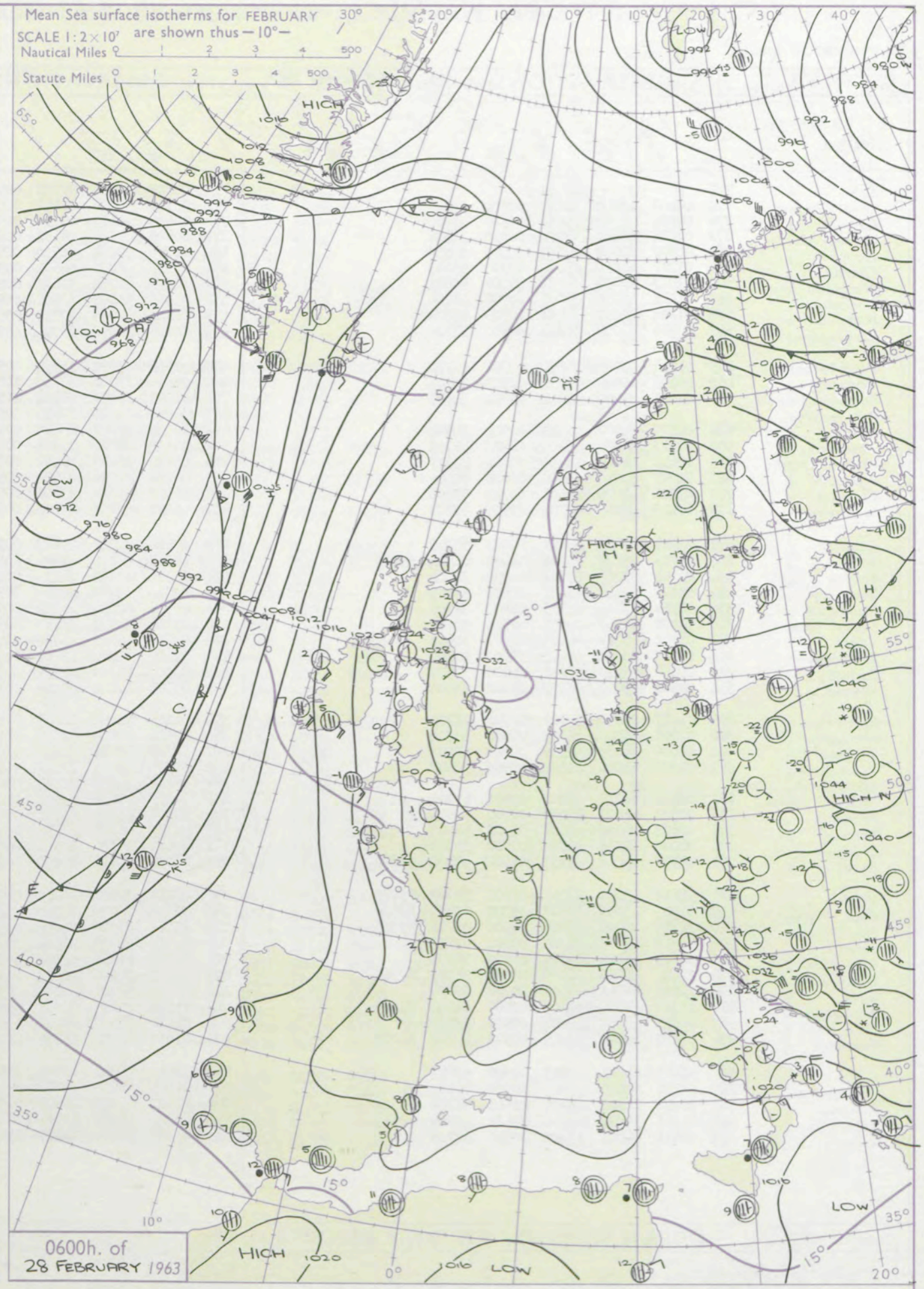

GENERAL SYNOPTIC DEVELOPMENT

Issued at midday Thursday 28 February 1963

The high pressure system to east of Britain has persisted and will continue to block movement from the west with little change of longitude of the ridge axis near Denmark. A weakening trough near SHIP K will drift into Biscay but the associated occlusion will become near stationary to west of Ireland and the Hebrides.

FORECAST for Great Britain and Northern Ireland until noon tomorrow

Clear skies in most parts but a slow encroachment of cloud into western districts is expected, chiefly Northern Ireland, extreme southwest Britain and the Hebrides. Frost will occur widely over Britain tonight and be mainly of moderate intensity. Day temperatures not far from average in most parts.

OUTLOOK following 24 hours.

Mainly dry but possibly a little drizzle in places from cloud in the west. Sunny in the east.

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

Code FM 11.A

OBSERVATIONS at 00h. 28 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775			51					
London Airport	772	00406	17040	30050	00900	52603			
Gatwick	776	00000	32050	29852	00900	54000			
Thorney Island	871	00808	28050	28900	00900	53704			
Hurn	862	00807	62020	27500	00900	52803			
Guernsey	894	01217	48050	25402	00900	53603			
Wattisham	590	01013	28050	31851	00900	53801			
Gorleston	497	01214	48050	33001	00900	51704			
Mildenhall	578	01204	32050	31451	00900	53804			
Cardington	559	00706	37050	31151	00900	53702			
West Raynham	485	01214	23020	31851	00900	52704			
Wittering	462	01106	19040	31752	00900	53704			
Boscombe Down	746	01006	23050	29052	00900	54705			
Ross-on-Wye									
Bristol	628	00607	23040	28551	00900	54704			
Aberporth	502	01313	58020	25101	00900	56709			
Rhoose (Cardiff)	715	00815	28040	26951	00900	53607			
Plymouth	827	01009	30050	24602	00900	01604			
Chivenor	707	01206	48020	25101	00900	53608			
St. Mawgan	817	01122	40050	23102	00900	00708			
Culdrose	809	00916	50051	22504	00900	50709			
Scilly	804	11219	48020	21206	15600	01704	81630		
Elmdon	534	01106	23040	29752	00900	54804			
Shawbury	414	01006	19040	29251	00900	53809			
Manchester	334	00710	37040	29551	00900	54706			
Squires Gate	318	01020	28040	29051	00900	53709			
Valley	302	03601	58040	26101	00900	54605			
Ronaldsway	204	00923	23040	27402	00900	51801			
Carlisle	222	00806	59020	30151	00900	57807			
Watnall	354	00908	09460	31753	00900	53804			
Spurn Head	396	01417	24050	32101	00900	51709			
Finningley	360	01008	17040	32253	00900	53704			
Dishforth	261	00000	F8484	32559	00900	60807			
Tynemouth	262	02008	24050	32152	00900	54607			
Eskdalemuir									
Mull of Galloway	131	01625	60020	26002	00900	51004			
Prestwick	135	00803	66021	27402	00900	58505			
Renfrew	141	00603	24040	28801	00900	56602			
Leuchars	171	00000	12114	29854	00900	55301			
Dyce	091	21806	28051	31151	00902	53102	82070		
Wick	075	51812	59051	27303	00902	51000	85075		
Cape Wrath	049	31809	81010	23507	35500	63705	83625		
Sule Skerry	010	31713	74020	23806	36500	04701	83725		
Lerwick	005	01919	66021	28304	00900	02207			
Stornoway	026	01715	66021	23705	00900	51201			
Benbecula	022	21628	58041	22005	20930	51703	82362		
Tiree	100	01526	48041	23505	00900	50804			
Aldergrove	917	11312	58050	24902	00902	51600	81075		
Malin Head	980	01525	58051	22302	00900	52813			
Belmullet	976	41523	62021	17404	00902	50806	84070		
Birr	965	01415	66021	21303	00900	52812			
Collinstown	969	01420	58050	23503	00900	51612			
Rineanna	962	01214	48101	19904	00900	01706			
Roches Point	952	81318	56051	20606	864//	03704	88715		
Valentia	953	01411	74021	17206	00900	02706			

OBSERVATIONS at 06h. 28 February 1963

Station	iii	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	T_dT_dapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$8N_sCh_sh_s$
Kew	775	00807	40050	29352	00900	55601			
London Airport	772	00710	30040	29152	00900	55500			
Gatwick	776	00804	32100	29255	00900	57602			
Thorney Island	871	00809	37050	28151	00900	53101			
Hurn	862	00906	59020	26550	00900	51704			
Guernsey	894	02314	48050	24601	00900	52706			
Wattisham	590	01211	40050	30852	00900	56502			
Gorleston	497	01515	56050	32501	00900	52301			
Mildenhall	578	01104	40050	30753	00900	55301			
Cardington	559	00606	40050	29953	00900	55400			
West Raynham	485	01208	35020	31554	00900	55302			
Wittering	462	01006	17040	30753	00900	55301			
Boscombe Down	746	01009	28050	28254	00900	55602			
Ross-on-Wye	627	00000	24020	27655	00900	55610			
Bristol	628	00306	28040	27454	00900	56705			
Aberporth	502	01512	58020	23001	00900	56710			
Rhoose (Cardiff)	715	00815	19040	26052	00900	54601			
Plymouth	827	00916	37050	23402	00900	50504			
Chivenor	707	01107	37050	23800	00900	52400			
St. Mawgan	817	01221	40050	21702	00900	50605			
Culdrose	809	00814	56020	21103	00900	01706			
Scilly	804	81315	48031	19406	855//	03706	88620		
Elmdon	534	01106	15040	28655	00900	56802			
Shawbury	414	01010	13100	28354	00900	54504			
Manchester	334	00916	48040	28352	00900	55805			
Squires Gate	318	01116	34040	27653	00900	55508			
Valley	302	03603	59040	23752	00900	55708			
Ronaldsway	204	01126	32040	25101	00900	51709			
Carlisle	222	20908	61030	28951	00901	59706	82072		
Watnall	354	00707	14044	30255	00900	55500			
Spurn Head	396	01215	48050	31001	00900	52400			
Finningley	360	00906	17040	31055	00900	56000			
Dishforth	261	92206	02494	31357	9/0//	58400	89///		
Tynemouth	262	02305	11054	31554	00900	57400			
Eskdalemuir	162	33202	74020	30355	00901	59603	83070		
Mull of Galloway	131	11632	60011	23601	15600	52703	81630		
Prestwick	135	21307	66020	25701	00901	58510	82075		
Renfrew	141	00707	48040	27252	00900	56708			
Leuchars	171	03502	30110	28953	00900	55507			
Dyce	091	13201	40051	30652	00901	53701	81070		
Wick	075	21618	59021	26803	00901	51503	82075		
Cape Wrath	049	21405	83010	23307	25500	64400	82625		
Sule Skerry	010	21713	81010	24006	25500	02703	82625		
Lerwick	005	41818	59030	28504	26402	02102	82710	83070	
Stornoway	026	01706	61040	22704	00900	50703			
Benbecula	022	21527	56040	20904	20930	52605	82362		
Tiree	100	01629	56040	21804	00900	53614			
Aldergrove	917	11209	40040	23501	00901	51506	81070		
Malin Head	980	01420	58050	20801	00900	52805			
Belmullet	976	21519	66020	16002	25600	51604	82633		
Birr	965	31413	66030	19302	35600	00605	83630		
Collinstown	969	01315	59050	22202	00900	52803			
Rineanna	962	01223	56100	16804	00900	01716			
Roches Point	952	61222	56052	18105	664//	03707	86613		
Valentia	953	41321	74031	14007	45600	02712	84632		

OBSERVATIONS during NIGHT

Station	iii	RRT_nT_nE	T_gT_g	WEATHER 21h.–03h.	WEATHER 03h.–09h.
Kew	775	97523	57	+	+
London Airport	772	00523	55	+	+
Gatwick	776	00563	60	+	+
Thorney Island	871	00523	55	+	+
Hurn	862	00513	53	+	+
Guernsey	894	00003	52	+	+
Wattisham	590	00525	54	+	+
Gorleston	497	00505	52	+	+
Mildenhall	578	00535	60	+	+
Cardington	559	97545	57	+	+
West Raynham	485	00545	57	+	+
Wittering	462	00545	60	+	+
Boscombe Down	746	00545	56	+	+
Ross-on-Wye	627	00565	59	+	+
Bristol	628	00555	57	+	+
Aberporth	502	00500	55	+	+
Rhoose (Cardiff)	715	00535	53	+	+
Plymouth	827	00011	01	+	+
Chivenor	707	00503	52	+	+
St. Mawgan	817	00011	50	+	+
Culdrose	809	00020	01	+	+
Scilly	804	00050	//	+	+
Elmdon	534	00575	60	+	+
Shawbury	414	97545	59	+	+
Manchester	334	00533	57	+	+
Squires Gate	318	00543	57	+	+
Valley	302	00533	57	+	+
Ronaldsway	204	00010	51	+	+
Carlisle	222	00535	56	+	+
Watnall	354	00555	57	ff	ff
Spurn Head	396	00005	//	+	+
Finningley	360	00555	58	+	+
Dishforth	261	00607	60	FF	FF
Tynemouth	262	00553	57	+	fFF
Eskdalemuir	162	00597	61	+	+
Mull of Galloway	131	00000	//	+	+
Prestwick	135	00533	59	+	+
Renfrew	141	00553	60	+	+
Leuchars	171	00573	60	if	+
Dyce	091	00555	56	+	+
Wick	075	00023	53	+	+
Cape Wrath	049	00040	00	+	+
Sule Skerry	010	00050	//	/	/
Lerwick	005	00031	01	+	+
Stornoway	026	00040	01	+	+
Benbecula	022	00030	01	+	+
Tiree	100	00030	01	+	+
Aldergrove	917	00501	53	+	+
Malin Head	980	00010	53	/	/
Belmullet	976	00011	51	/	/
Birr	965	00021	53	/	/
Collinstown	969	00021	53	/	/
Rineanna	962	97020	00	/	/
Roches Point	952	00050	03	/	/
Valentia	953	00051	03	/	/

Code FM 21.A

OCEAN WEATHER STATION REPORTS at 00h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50622	33200	71612	75028	80505	5857/	00212	/////	/////	05102	11634	14967
B	50565	51000	62917	65268	96454	62400	00808	86815	/////	06360	12946	1////
C	50570	35500	23215	69010	77204	00901	00107	820//	/////	05552	12258	1////
D	50440	41000	82504	69022	07807	825//	00722	88825	/////	05651	12879	1////
I	50589	18900	51630	97016	95409	55500	00706	85620	/////	00007	11638	16755
J	50525	20100	71630	98012	92411	3641/	00726	83715	87459	05208	11657	17061
K	50449	15800	81826	65025	10011	6547/	00716	83616	88460	05210	11745	13352
M	53657	01100	32028	65011	19606	35500	41711	83620	/////	05004	11946	1////

OCEAN WEATHER STATION REPORTS at 06h.

O.W.S.	$YQL_aL_aL_a$	$L_oL_oL_oGG$	Nddff	VVwwW	PPPTT	$N_hC_LhC_MC_H$	D_sv_sapp	$8N_sCh_sh_s$	$8N_sCh_sh_s$	$OT_sT_sT_dT_d$	$Id_wd_wP_wH_w$	$Id_wd_wP_wH_w$
A	50620	33106	50922	70216	65507	37570	00795	83727	/////	00205	10946	1////
B	50565	51006	32716	65268	95054	32400	00803	83815	/////	06360	12836	1////
C	50570	35506	82944	59838	80702	824//	00346	88815	/////	06001	17963	1////
D	50440	41006	81428	58616	88510	825//	007129	88825	/////	05208	14917	1////
I	50590	19006	81440	96606	92610	855//	00714	84715	88625	00108	11449	16755
J	50525	20106	72120	97808	92208	734//	00207	87918	/////	05307	12156	16750
K	50451	15906	81828	56515	04212	862//	00728	88703	/////	05111	11748	1////
M	53655	01006	82026	60021	19606	855//	41102	88620	/////	00204	12047	1////

CONVE TAB °C to

40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 —1 —2 —3 —4 —5 —6 —7 —8 —9 —10 —11 —12 —13 —14 —15 —16 —17 —18 —19 —20 —21 —22 —23 —24 —25 —26 —27 —28 —29

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